Astrodienst Ephemeris Tables

from the year 1000 BCE for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 1000 BCE
geocentric

JANUARY 1000 BCE (-999) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 3 58	2♑18'28	19♑ 3	3♑51	7♐48	23♍37	25°R51	20°R57	15°R27	11♎43	12°R59	19°R54	20♍52	26♐16	n.a.	T 1
W 2	6 7 54	3°19'15	0♒59	5°38	9° 3	24° 1	25♉46	20♊52	15°D27	11°43	12♌57	19♍43	20°49	26°23	n.a.	W 2
T 3	6 11 51	4°20'01	13° 0	7°25	10°17	24°26	25°41	20°48	15♈27	11°44	12°56	19°34	20°46	26°29	n.a.	T 3
F 4	6 15 47	5°20'45	25° 8	9°13	11°32	24°50	25°36	20°43	15°27	11°45	12°55	19°29	20°43	26°36	n.a.	F 4
S 5	6 19 44	6°21'27	7♓27	11° 2	12°46	25°14	25°31	20°38	15°27	11°45	12°54	19°27	20°39	26°43	n.a.	S 5
S 6	6 23 40	7°22'08	19°59	12°52	14° 1	25°38	25°27	20°34	15°28	11°46	12°53	19°D26	20°36	26°49	n.a.	S 6
M 7	6 27 37	8°22'46	2♈50	14°42	15°15	26° 1	25°23	20°29	15°28	11°46	12°51	19°R26	20°33	26°56	n.a.	M 7
T 8	6 31 34	9°23'23	16° 3	16°32	16°30	26°24	25°19	20°25	15°28	11°47	12°50	19°26	20°30	27° 3	n.a.	T 8
W 9	6 35 30	10°23'58	29°43	18°22	17°44	26°47	25°15	20°20	15°28	11°47	12°49	19°25	20°27	27°10	n.a.	W 9
T 10	6 39 27	11°24'30	13♉50	20°13	18°59	27°10	25°11	20°16	15°29	11°48	12°48	19°21	20°23	27°16	n.a.	T 10
F 11	6 43 23	12°25'01	28°25	22° 3	20°13	27°32	25° 8	20°11	15°29	11°48	12°46	19°14	20°20	27°23	n.a.	F 11
S 12	6 47 20	13°25'30	13♊22	23°53	21°28	27°54	25° 4	20° 7	15°30	11°48	12°45	19° 6	20°17	27°30	n.a.	S 12
S 13	6 51 16	14°25'57	28°36	25°43	22°42	28°15	25° 1	20° 3	15°30	11°49	12°44	18°56	20°14	27°36	n.a.	S 13
M14	6 55 13	15°26'22	13♋55	27°32	23°57	28°36	24°58	19°59	15°31	11°49	12°42	18°46	20°11	27°43	n.a.	M14
T 15	6 59 9	16°26'45	29° 7	29°20	25°11	28°57	24°55	19°54	15°32	11°49	12°41	18°37	20° 8	27°50	n.a.	T 15
W16	7 3 6	17°27'06	14♌ 3	1♒ 6	26°26	29°18	24°53	19°50	15°32	11°49	12°39	18°31	20° 4	27°57	n.a.	W16
T 17	7 7 3	18°27'26	28°34	2°50	27°40	29°38	24°50	19°46	15°33	11°50	12°38	18°27	20° 1	28° 3	n.a.	T 17
F 18	7 10 59	19°27'44	12♍37	4°32	28°55	29°57	24°48	19°42	15°34	11°50	12°36	18°D25	19°58	28°10	n.a.	F 18
S 19	7 14 56	20°28'00	26°10	6°12	0♑ 9	0♎17	24°46	19°38	15°35	11°50	12°35	18°25	19°55	28°17	n.a.	S 19
S 20	7 18 52	21°28'14	9♎16	7°47	1°23	0°36	24°44	19°35	15°36	11°50	12°34	18°26	19°52	28°24	n.a.	S 20
M21	7 22 49	22°28'27	21°59	9°19	2°38	0°54	24°43	19°31	15°37	11°50	12°32	18°R27	19°49	28°30	n.a.	M21
T 22	7 26 45	23°28'38	4♏21	10°46	3°52	1°13	24°41	19°27	15°38	11°R50	12°31	18°26	19°45	28°37	n.a.	T 22
W23	7 30 42	24°28'48	16°30	12° 8	5° 7	1°30	24°40	19°24	15°39	11°50	12°29	18°23	19°42	28°44	n.a.	W23
T 24	7 34 38	25°28'56	28°29	13°25	6°21	1°48	24°39	19°20	15°40	11°50	12°28	18°18	19°39	28°50	n.a.	T 24
F 25	7 38 35	26°29'02	10♐22	14°35	7°35	2° 5	24°38	19°17	15°41	11°50	12°26	18°11	19°36	28°57	n.a.	F 25
S 26	7 42 32	27°29'06	22°13	15°38	8°50	2°21	24°38	19°13	15°42	11°50	12°24	18° 2	19°33	29° 4	n.a.	S 26
S 27	7 46 28	28°29'09	4♑ 4	16°33	10° 4	2°37	24°37	19°10	15°43	11°50	12°23	17°52	19°29	29°11	n.a.	S 27
M28	7 50 25	29°29'09	15°58	17°21	11°19	2°53	24°37	19° 7	15°45	11°49	12°21	17°42	19°26	29°17	n.a.	M28
T 29	7 54 21	0♒29'07	27°57	18° 1	12°33	3° 8	24°D37	19° 4	15°46	11°49	12°20	17°33	19°23	29°24	n.a.	T 29
W30	7 58 18	1°29'04	10♒ 1	18°32	13°47	3°22	24°37	19° 1	15°48	11°49	12°18	17°26	19°20	29°31	n.a.	W30
T 31	8 2 14	2♒28'58	22♒13	18♒54	15♑ 2	3♎36	24♉38	18♊58	15♈49	11♎49	12♌17	17♍21	19♍17	29♐38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23s47	18s 6	4n22	25s46	2s 0	21s30	0n28	4n51	2n29	19n17	0s14	23n14	0s16	5n42	0s31	2s50	2n 2	32n 6	15n40	4n 4	3n40	18s38			n.a.
W 2	23 46	16 34	3 46	25 41	2 0	21 44	0 25	4 41	2 29	19 16	0 14	23 14	0 16	5 42	0 31	2 50	2 2	32 7	15 41	4 8	3 42	18 39			n.a.
T 3	23 44	14 18	3 0	25 34	1 59	21 58	0 22	4 32	2 30	19 15	0 14	23 14	0 15	5 42	0 31	2 51	2 2	32 8	15 41	4 11	3 43	18 39			n.a.
F 4	23 42	11 23	2 5	25 26	1 57	22 11	0 20	4 23	2 31	19 14	0 14	23 14	0 15	5 42	0 31	2 51	2 2	32 9	15 41	4 14	3 44	18 39			n.a.
S 5	23 39	7 56	1 3	25 15	1 55	22 24	0 17	4 14	2 32	19 13	0 14	23 13	0 15	5 42	0 31	2 51	2 2	32 9	15 42	4 15	3 46	18 39			n.a.
S 6	23 36	4 4	0s 3	25 2	1 52	22 36	0 14	4 5	2 33	19 12	0 13	23 13	0 15	5 42	0 31	2 51	2 2	32 10	15 42	4 15	3 47	18 40			n.a.
M 7	23 33	0n 4	1 11	24 48	1 49	22 47	0 12	3 57	2 33	19 11	0 13	23 13	0 15	5 42	0 31	2 51	2 2	32 11	15 42	4 15	3 48	18 40			n.a.
T 8	23 28	4 19	2 16	24 30	1 45	22 58	0 9	3 48	2 34	19 11	0 13	23 13	0 15	5 42	0 31	2 51	2 2	32 11	15 43	4 15	3 49	18 40			n.a.
W 9	23 24	8 29	3 17	24 11	1 40	23 8	0 6	3 40	2 35	19 10	0 13	23 13	0 15	5 43	0 31	2 51	2 2	32 12	15 43	4 15	3 51	18 40			n.a.
T 10	23 19	12 18	4 7	23 50	1 35	23 17	0 4	3 31	2 36	19 9	0 13	23 12	0 15	5 43	0 31	2 51	2 3	32 13	15 43	4 17	3 52	18 41			n.a.
F 11	23 13	15 31	4 43	23 27	1 29	23 26	0 1	3 23	2 37	19 8	0 13	23 12	0 14	5 43	0 31	2 52	2 3	32 14	15 44	4 19	3 53	18 41			n.a.
S 12	23 7	17 46	5 1	23 1	1 23	23 33	0s 2	3 15	2 37	19 8	0 12	23 12	0 14	5 43	0 31	2 52	2 3	32 14	15 44	4 23	3 54	18 41			n.a.
S 13	23 1	18 50	4 59	22 34	1 15	23 41	0 4	3 7	2 38	19 7	0 12	23 12	0 14	5 43	0 31	2 52	2 3	32 15	15 44	4 27	3 56	18 41			n.a.
M14	22 54	18 31	4 35	22 5	1 7	23 47	0 7	2 59	2 39	19 7	0 12	23 12	0 14	5 44	0 31	2 52	2 3	32 16	15 45	4 31	3 57	18 41			n.a.
T 15	22 47	16 53	3 51	21 34	0 58	23 53	0 9	2 52	2 40	19 6	0 12	23 11	0 14	5 44	0 31	2 52	2 3	32 17	15 45	4 34	3 58	18 42			n.a.
W16	22 39	14 7	2 53	21 1	0 49	23 58	0 12	2 44	2 41	19 6	0 12	23 11	0 14	5 44	0 31	2 52	2 3	32 17	15 45	4 37	3 59	18 42			n.a.
T 17	22 31	10 32	1 44	20 27	0 38	24 2	0 14	2 37	2 41	19 5	0 11	23 11	0 14	5 45	0 31	2 52	2 3	32 18	15 46	4 38	4 1	18 42			n.a.
F 18	22 22	6 27	0 31	19 52	0 27	24 5	0 17	2 29	2 42	19 5	0 11	23 11	0 14	5 45	0 31	2 52	2 3	32 19	15 46	4 39	4 2	18 42			n.a.
S 19	22 14	2 11	0n41	19 16	0 16	24 8	0 19	2 22	2 43	19 5	0 11	23 11	0 13	5 45	0 31	2 52	2 3	32 19	15 46	4 39	4 3	18 43			n.a.
S 20	22 4	2s 4	1 49	18 39	0 3	24 10	0 22	2 15	2 44	19 4	0 11	23 10	0 13	5 46	0 31	2 52	2 3	32 20	15 46	4 39	4 5	18 43			n.a.
M21	21 54	6 4	2 50	18 3	0n10	24 11	0 24	2 8	2 44	19 4	0 11	23 10	0 13	5 46	0 31	2 52	2 3	32 21	15 47	4 38	4 6	18 43			n.a.
T 22	21 44	9 43	3 41	17 26	0 24	24 12	0 27	2 2	2 45	19 4	0 11	23 10	0 13	5 47	0 31	2 52	2 3	32 21	15 47	4 39	4 7	18 43			n.a.
W23	21 33	12 52	4 20	16 49	0 38	24 12	0 29	1 55	2 46	19 4	0 10	23 10	0 13	5 47	0 30	2 52	2 3	32 22	15 47	4 40	4 8	18 43			n.a.
T 24	21 22	15 27	4 48	16 13	0 52	24 11	0 31	1 49	2 47	19 4	0 10	23 10	0 13	5 47	0 30	2 52	2 4	32 23	15 47	4 42	4 10	18 44			n.a.
F 25	21 11	17 21	5 3	15 39	1 7	24 9	0 34	1 43	2 47	19 4	0 10	23 10	0 13	5 48	0 30	2 51	2 4	32 23	15 47	4 45	4 11	18 44			n.a.
S 26	20 59	18 30	5 5	15 5	1 22	24 7	0 36	1 37	2 48	19 4	0 10	23 9	0 13	5 48	0 30	2 51	2 4	32 24	15 48	4 48	4 12	18 44			n.a.
S 27	20 47	18 51	4 54	14 34	1 37	24 4	0 38	1 31	2 49	19 4	0 10	23 9	0 12	5 49	0 30	2 51	2 4	32 25	15 48	4 52	4 13	18 44			n.a.
M28	20 35	18 22	4 30	14 5	1 53	24 0	0 40	1 26	2 50	19 4	0 10	23 9	0 12	5 49	0 30	2 51	2 4	32 25	15 48	4 56	4 15	18 44			n.a.
T 29	20 22	17 4	3 54	13 39	2 8	23 55	0 43	1 20	2 50	19 4	0 9	23 9	0 12	5 50	0 30	2 51	2 4	32 26	15 48	4 59	4 16	18 45			n.a.
W30	20 8	15 0	3 7	13 15	2 22	23 50	0 45	1 15	2 51	19 4	0 9	23 9	0 12	5 51	0 30	2 51	2 4	32 27	15 48	5 2	4 17	18 45			n.a.
T 31	19s55	12s15	2n11	12s55	2n36	23s44	0s47	1n10	2n52	19n 4	0s 9	23n 9	0s12	5n51	0s30	2s51	2n 4	32n27	15n48	5n 4	4n18	18s45			n.a.

Julian Day Number = 1356173.5, Delta T = 07h02m59s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°52'52, Lahiri = -17°45'51 Julian Calendar 1 Jan. 1000 BCE == Greg. Calendar 23 Dec. 1001 BCE

The year -999 astronomical counting style corresponds to year 1000 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1000 BCE
geocentric

FEBRUARY 1000 BCE (-999) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 6 11	3♒28'50	4♓33	19♒ 7	16♉16	3♎50	24♉38	18°R55	15♈50	11°R48	12°R15	17°R18	19♍14	29♐44	n.a.	F 1
S 2	8 10 7	4°28'39	17° 3	19°R11	17°30	4° 3	24°39	18♊53	15°52	11♎48	12♌13	17°D17	19°10	29°51	n.a.	S 2
S 3	8 14 4	5°28'27	29°46	19° 6	18°45	4°15	24°40	18°50	15°54	11°48	12°12	17♍17	19° 7	29°58	n.a.	S 3
M 4	8 18 0	6°28'12	12♈44	18°53	19°59	4°27	24°41	18°47	15°55	11°47	12°10	17°19	19° 4	0♑ 4	n.a.	M 4
T 5	8 21 57	7°27'54	25°59	18°32	21°13	4°38	24°42	18°45	15°57	11°47	12° 9	17°20	19° 1	0°11	n.a.	T 5
W 6	8 25 54	8°27'35	9♉35	18° 3	22°28	4°49	24°44	18°43	15°59	11°46	12° 7	17°R21	18°58	0°18	n.a.	W 6
T 7	8 29 50	9°27'12	23°32	17°28	23°42	5° 0	24°46	18°41	16° 0	11°46	12° 5	17°20	18°55	0°25	n.a.	T 7
F 8	8 33 47	10°26'48	7♊50	16°46	24°56	5° 9	24°48	18°38	16° 2	11°45	12° 4	17°17	18°51	0°31	n.a.	F 8
S 9	8 37 43	11°26'21	22°27	16° 0	26°10	5°18	24°50	18°36	16° 4	11°45	12° 2	17°13	18°48	0°38	n.a.	S 9
S 10	8 41 40	12°25'51	7♋19	15°10	27°25	5°27	24°52	18°34	16° 6	11°44	12° 1	17° 8	18°45	0°45	n.a.	S 10
M11	8 45 36	13°25'19	22°17	14°17	28°39	5°35	24°54	18°33	16° 8	11°43	11°59	17° 3	18°42	0°51	n.a.	M11
T 12	8 49 33	14°24'45	7♌14	13°22	29°53	5°42	24°57	18°31	16°10	11°43	11°57	16°59	18°39	0°58	n.a.	T 12
W13	8 53 29	15°24'09	22° 0	12°27	1♒ 7	5°49	25° 0	18°29	16°12	11°42	11°56	16°55	18°35	1° 5	n.a.	W13
T 14	8 57 26	16°23'30	6♍28	11°33	2°21	5°54	25° 3	18°28	16°14	11°41	11°54	16°54	18°32	1°12	n.a.	T 14
F 15	9 1 23	17°22'49	20°32	10°41	3°36	6° 0	25° 6	18°26	16°16	11°40	11°53	16°D53	18°29	1°18	n.a.	F 15
S 16	9 5 19	18°22'06	4♎11	9°51	4°50	6° 4	25°10	18°25	16°18	11°40	11°51	16°54	18°26	1°25	n.a.	S 16
S 17	9 9 16	19°21'22	17°24	9° 6	6° 4	6° 8	25°13	18°24	16°21	11°39	11°49	16°56	18°23	1°32	n.a.	S 17
M18	9 13 12	20°20'35	0♏12	8°24	7°18	6°12	25°17	18°23	16°23	11°38	11°48	16°57	18°20	1°39	n.a.	M18
T 19	9 17 9	21°19'46	12°41	7°47	8°32	6°14	25°21	18°22	16°25	11°37	11°46	16°58	18°16	1°45	n.a.	T 19
W20	9 21 5	22°18'56	24°53	7°16	9°46	6°16	25°25	18°21	16°28	11°36	11°45	16°R59	18°13	1°52	n.a.	W20
T 21	9 25 2	23°18'04	6♐54	6°50	11° 1	6°17	25°29	18°20	16°30	11°35	11°43	16°58	18°10	1°59	n.a.	T 21
F 22	9 28 58	24°17'09	18°48	6°30	12°15	6°R18	25°34	18°20	16°32	11°34	11°41	16°56	18° 7	2° 5	n.a.	F 22
S 23	9 32 55	25°16'13	0♑39	6°15	13°29	6°17	25°38	18°19	16°35	11°33	11°40	16°53	18° 4	2°12	n.a.	S 23
S 24	9 36 51	26°15'15	12°32	6° 6	14°43	6°16	25°43	18°19	16°37	11°32	11°38	16°50	18° 1	2°19	n.a.	S 24
M25	9 40 48	27°14'15	24°29	6°D 3	15°57	6°14	25°48	18°18	16°40	11°31	11°37	16°47	17°57	2°26	n.a.	M25
T 26	9 44 45	28°13'13	6♒34	6° 5	17°11	6°12	25°53	18°18	16°42	11°30	11°35	16°44	17°54	2°32	n.a.	T 26
W27	9 48 41	29°12'09	18°48	6°13	18°25	6° 8	25°58	18°D18	16°45	11°29	11°34	16°41	17°51	2°39	n.a.	W27
T 28	9 52 38	0♓11'02	1♓13	6♒26	19♒40	6♎ 4	26♉ 4	18♊18	16♈47	11♎28	11♌32	16♍40	17♍48	2♑46	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s41	8s56	1n 8	12s38	2n50	23s37	0s49	1n 5	2n53	19n 5	0s 9	23n 9	0s12	5n52	0s30	2s50	2n 4	32n28	15n49	5n 6	4n20	18s45		n.a.
S 2	19 26	5 10	0 1	12 25	3 2	23 29	0 51	1 1	2 53	19 5	0 9	23 9	0 12	5 52	0 30	2 50	2 4	32 29	15 49	5 6	4 21	18 45		n.a.
S 3	19 12	1 7	1s 7	12 16	3 13	23 21	0 53	0 56	2 54	19 5	0 9	23 8	0 12	5 53	0 30	2 50	2 4	32 29	15 49	5 6	4 22	18 45		n.a.
M 4	18 57	3n 3	2 14	12 10	3 24	23 12	0 55	0 52	2 55	19 6	0 8	23 8	0 11	5 54	0 30	2 50	2 4	32 30	15 49	5 5	4 23	18 46		n.a.
T 5	18 41	7 10	3 15	12 9	3 32	23 2	0 57	0 48	2 55	19 6	0 8	23 8	0 11	5 55	0 30	2 49	2 4	32 30	15 49	5 5	4 25	18 46		n.a.
W 6	18 26	11 1	4 6	12 11	3 39	22 52	0 58	0 44	2 56	19 7	0 8	23 8	0 11	5 55	0 30	2 49	2 4	32 31	15 49	5 4	4 26	18 46		n.a.
T 7	18 10	14 21	4 45	12 16	3 45	22 41	1 0	0 41	2 56	19 8	0 8	23 8	0 11	5 56	0 30	2 49	2 4	32 32	15 49	5 5	4 27	18 46		n.a.
F 8	17 54	16 55	5 7	12 25	3 49	22 29	1 2	0 37	2 57	19 8	0 8	23 8	0 11	5 57	0 30	2 49	2 5	32 32	15 49	5 6	4 29	18 46		n.a.
S 9	17 37	18 26	5 10	12 38	3 50	22 17	1 3	0 34	2 58	19 9	0 8	23 8	0 11	5 57	0 30	2 48	2 5	32 33	15 49	5 7	4 30	18 46		n.a.
S 10	17 20	18 45	4 52	12 53	3 50	22 4	1 5	0 31	2 58	19 10	0 7	23 8	0 11	5 58	0 30	2 48	2 5	32 33	15 50	5 9	4 31	18 47		n.a.
M11	17 3	17 45	4 15	13 10	3 48	21 50	1 7	0 29	2 59	19 10	0 7	23 8	0 11	5 59	0 30	2 48	2 5	32 34	15 50	5 11	4 32	18 47		n.a.
T 12	16 46	15 32	3 20	13 30	3 44	21 36	1 8	0 26	2 59	19 11	0 7	23 8	0 10	6 0	0 30	2 47	2 5	32 34	15 50	5 13	4 34	18 47		n.a.
W13	16 28	12 19	2 12	13 51	3 38	21 21	1 10	0 24	3 0	19 12	0 7	23 8	0 10	6 1	0 30	2 47	2 5	32 35	15 50	5 14	4 35	18 47		n.a.
T 14	16 10	8 24	0 57	14 13	3 30	21 5	1 11	0 22	3 0	19 13	0 7	23 8	0 10	6 1	0 30	2 47	2 5	32 35	15 50	5 15	4 36	18 47		n.a.
F 15	15 52	4 7	0n20	14 37	3 21	20 49	1 12	0 20	3 1	19 14	0 7	23 8	0 10	6 2	0 30	2 46	2 5	32 36	15 50	5 15	4 37	18 47		n.a.
S 16	15 33	0s16	1 33	15 0	3 10	20 33	1 14	0 19	3 1	19 15	0 7	23 8	0 10	6 3	0 30	2 46	2 5	32 36	15 50	5 15	4 39	18 47		n.a.
S 17	15 15	4 29	2 40	15 23	2 59	20 15	1 15	0 18	3 2	19 16	0 6	23 8	0 10	6 4	0 30	2 46	2 5	32 37	15 50	5 14	4 40	18 48		n.a.
M18	14 56	8 22	3 36	15 47	2 46	19 57	1 16	0 17	3 2	19 17	0 6	23 8	0 10	6 5	0 30	2 45	2 5	32 37	15 50	5 14	4 41	18 48		n.a.
T 19	14 37	11 46	4 20	16 9	2 32	19 39	1 17	0 16	3 2	19 18	0 6	23 8	0 10	6 6	0 30	2 45	2 5	32 38	15 50	5 13	4 42	18 48		n.a.
W20	14 17	14 34	4 51	16 31	2 18	19 20	1 18	0 16	3 3	19 19	0 6	23 8	0 10	6 7	0 30	2 45	2 5	32 38	15 50	5 13	4 44	18 48		n.a.
T 21	13 58	16 43	5 10	16 52	2 4	19 0	1 19	0 15	3 3	19 20	0 6	23 8	0 9	6 8	0 30	2 44	2 5	32 39	15 50	5 13	4 45	18 48		n.a.
F 22	13 38	18 7	5 14	17 11	1 49	18 40	1 20	0 16	3 3	19 21	0 6	23 8	0 9	6 9	0 30	2 44	2 5	32 39	15 50	5 14	4 46	18 48		n.a.
S 23	13 18	18 43	5 5	17 29	1 34	18 19	1 21	0 16	3 3	19 23	0 5	23 8	0 9	6 10	0 30	2 43	2 5	32 40	15 50	5 15	4 47	18 48		n.a.
S 24	12 58	18 30	4 44	17 46	1 19	17 58	1 21	0 16	3 3	19 24	0 5	23 8	0 9	6 11	0 30	2 43	2 5	32 40	15 49	5 17	4 49	18 48		n.a.
M25	12 37	17 28	4 9	18 1	1 4	17 36	1 22	0 17	3 4	19 25	0 5	23 8	0 9	6 12	0 29	2 42	2 5	32 41	15 49	5 18	4 50	18 48		n.a.
T 26	12 17	15 38	3 23	18 14	0 50	17 14	1 23	0 18	3 4	19 27	0 5	23 9	0 9	6 13	0 29	2 42	2 6	32 41	15 49	5 19	4 51	18 49		n.a.
W27	11 56	13 5	2 28	18 26	0 35	16 52	1 23	0 20	3 4	19 28	0 5	23 9	0 9	6 14	0 29	2 41	2 6	32 41	15 49	5 20	4 52	18 49		n.a.
T 28	11s35	9s54	1n24	18s37	0n21	16s29	1s24	0n21	3n 4	19n30	0s 5	23n 9	0s 9	6n15	0s29	2s41	2n 6	32n42	15n49	5n21	4n54	18s49		n.a.

Julian Day Number = 1356204.5, Delta T = 07h02m58s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°52'48, Lahiri = -17°45'47 Julian Calendar 1 Feb. 1000 BCE == Greg. Calendar 23 Jan. 1000 BCE

The year -999 astronomical counting style corresponds to year 1000 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1000 BCE
geocentric

MARCH 1000 BCE (-999) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 56 34	1♓ 9'54	13♓50	6♒44	20♒54	5°R59	26♉ 9	18♊18	16♈50	11°R27	11°R31	16°D39	17♍45	2♋52	n.a.	F 1
S 2	10 0 31	2° 8'43	26°39	7° 7	22° 8	5♎53	26°15	18°19	16°53	11♎26	11♌29	16♍39	17°41	2°59	n.a.	S 2
S 3	10 4 27	3° 7'30	9♈42	7°34	23°22	5°47	26°21	18°19	16°55	11°25	11°28	16°40	17°38	3° 6	n.a.	S 3
M 4	10 8 24	4° 6'15	22°58	8° 5	24°36	5°40	26°27	18°19	16°58	11°24	11°26	16°41	17°35	3°13	n.a.	M 4
T 5	10 12 20	5° 4'57	6♉28	8°41	25°50	5°32	26°33	18°20	17° 1	11°22	11°25	16°42	17°32	3°19	n.a.	T 5
W 6	10 16 17	6° 3'37	20°11	9°21	27° 4	5°23	26°40	18°21	17° 4	11°21	11°23	16°43	17°29	3°26	n.a.	W 6
T 7	10 20 13	7° 2'15	4♊ 8	10° 4	28°18	5°13	26°46	18°21	17° 7	11°20	11°22	16°R43	17°26	3°33	n.a.	T 7
F 8	10 24 10	8° 0'50	18°18	10°51	29°32	5° 3	26°53	18°22	17° 9	11°19	11°20	16°43	17°22	3°39	n.a.	F 8
S 9	10 28 7	8°59'23	2♋38	11°41	0♓46	4°52	27° 0	18°23	17°12	11°17	11°19	16°43	17°19	3°46	n.a.	S 9
S 10	10 32 3	9°57'54	17° 6	12°35	2° 0	4°40	27° 7	18°24	17°15	11°16	11°18	16°42	17°16	3°53	n.a.	S 10
M11	10 36 0	10°56'22	1♌38	13°31	3°14	4°28	27°14	18°26	17°18	11°15	11°16	16°41	17°13	4° 0	n.a.	M11
T 12	10 39 56	11°54'48	16° 7	14°31	4°28	4°15	27°21	18°27	17°21	11°13	11°15	16°41	17°10	4° 6	n.a.	T 12
W13	10 43 53	12°53'12	0♍29	15°33	5°42	4° 1	27°28	18°28	17°24	11°12	11°14	16°41	17° 6	4°13	n.a.	W13
T 14	10 47 49	13°51'34	14°38	16°38	6°56	3°46	27°36	18°30	17°27	11°11	11°12	16°D40	17° 3	4°20	n.a.	T 14
F 15	10 51 46	14°49'54	28°31	17°45	8°10	3°31	27°43	18°31	17°30	11° 9	11°11	16°40	17° 0	4°26	n.a.	F 15
S 16	10 55 42	15°48'12	12♎ 3	18°55	9°24	3°15	27°51	18°33	17°33	11° 8	11°10	16°41	16°57	4°33	n.a.	S 16
S 17	10 59 39	16°46'28	25°14	20° 8	10°38	2°59	27°59	18°35	17°36	11° 6	11° 8	16°R41	16°54	4°40	n.a.	S 17
M18	11 3 35	17°44'42	8♏ 5	21°22	11°52	2°42	28° 7	18°37	17°39	11° 5	11° 7	16°41	16°51	4°47	n.a.	M18
T 19	11 7 32	18°42'55	20°36	22°39	13° 5	2°24	28°15	18°39	17°43	11° 3	11° 6	16°40	16°47	4°53	n.a.	T 19
W20	11 11 29	19°41'06	2♐52	23°58	14°19	2° 6	28°23	18°41	17°46	11° 2	11° 5	16°40	16°44	5° 0	n.a.	W20
T 21	11 15 25	20°39'16	14°55	25°20	15°33	1°48	28°32	18°43	17°49	11° 0	11° 4	16°D40	16°41	5° 7	n.a.	T 21
F 22	11 19 22	21°37'24	26°51	26°43	16°47	1°29	28°40	18°46	17°52	10°59	11° 2	16°40	16°38	5°13	n.a.	F 22
S 23	11 23 18	22°35'30	8♑43	28° 8	18° 1	1° 9	28°49	18°48	17°55	10°57	11° 1	16°40	16°35	5°20	n.a.	S 23
S 24	11 27 15	23°33'35	20°37	29°36	19°15	0°49	28°58	18°51	17°59	10°56	11° 0	16°41	16°32	5°27	n.a.	S 24
M25	11 31 11	24°31'38	2♒37	1♓ 5	20°29	0°29	29° 6	18°54	18° 2	10°54	10°59	16°42	16°28	5°34	n.a.	M25
T 26	11 35 8	25°29'40	14°46	2°37	21°43	0° 8	29°15	18°56	18° 5	10°53	10°58	16°42	16°25	5°40	n.a.	T 26
W27	11 39 4	26°27'39	27° 9	4°10	22°56	29♍48	29°24	18°59	18° 8	10°51	10°57	16°43	16°22	5°47	n.a.	W27
T 28	11 43 1	27°25'38	9♓46	5°45	24°10	29°26	29°34	19° 2	18°12	10°50	10°56	16°44	16°19	5°54	n.a.	T 28
F 29	11 46 58	28°23'35	22°40	7°22	25°24	29° 5	29°43	19° 5	18°15	10°48	10°55	16°R44	16°16	6° 0	n.a.	F 29
S 30	11 50 54	29°21'30	5♈52	9° 1	26°38	28°44	29°52	19° 8	18°18	10°47	10°54	16°43	16°12	6° 7	n.a.	S 30
S 31	11 54 51	0♈19'23	19♈19	10♓42	27♓52	28♍22	0♊ 2	19♊11	18♈22	10♎45	10♌53	16♍42	16♍ 9	6♋14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s14	6s13	0n16	18s45	0n 8	16s 5	1s24	0n23	3n 3	19n31	0s 5	23n 9	0s 8	6n16	0s29	2s40	2n 6	32n42	15n49	5n21	4n55	18s49		n.a.
S 2	10 52	2 11	0s55	18 52	0s 5	15 41	1 25	0 25	3 3	19 33	0 5	23 9	0 8	6 17	0 29	2 40	2 6	32 42	15 49	5 21	4 56	18 49		n.a.
S 3	10 31	2n 0	2 4	18 57	0 18	15 17	1 25	0 28	3 3	19 34	0 4	23 9	0 8	6 18	0 29	2 39	2 6	32 43	15 49	5 20	4 58	18 49		n.a.
M 4	10 9	6 10	3 8	19 1	0 30	14 52	1 26	0 31	3 3	19 36	0 4	23 9	0 8	6 19	0 29	2 39	2 6	32 43	15 49	5 20	4 59	18 49		n.a.
T 5	9 48	10 5	4 2	19 2	0 42	14 27	1 26	0 33	3 3	19 37	0 4	23 9	0 8	6 20	0 29	2 38	2 6	32 43	15 48	5 20	5 0	18 49		n.a.
W 6	9 26	13 31	4 44	19 2	0 53	14 1	1 26	0 37	3 2	19 39	0 4	23 10	0 8	6 21	0 29	2 38	2 6	32 44	15 48	5 19	5 1	18 49		n.a.
T 7	9 4	16 14	5 9	19 1	1 3	13 35	1 26	0 40	3 2	19 41	0 4	23 10	0 8	6 22	0 29	2 37	2 6	32 44	15 48	5 19	5 3	18 49		n.a.
F 8	8 42	18 2	5 17	18 57	1 13	13 9	1 26	0 44	3 1	19 42	0 4	23 10	0 8	6 23	0 29	2 37	2 6	32 44	15 48	5 19	5 4	18 49		n.a.
S 9	8 19	18 42	5 5	18 52	1 22	12 42	1 26	0 48	3 1	19 44	0 4	23 10	0 8	6 25	0 29	2 36	2 6	32 44	15 48	5 19	5 5	18 49		n.a.
S 10	7 57	18 11	4 33	18 45	1 31	12 16	1 26	0 52	3 0	19 46	0 3	23 10	0 7	6 26	0 29	2 36	2 6	32 45	15 48	5 20	5 6	18 49		n.a.
M11	7 35	16 27	3 45	18 36	1 39	11 48	1 26	0 56	2 59	19 47	0 3	23 11	0 7	6 27	0 29	2 35	2 6	32 45	15 47	5 20	5 8	18 50		n.a.
T 12	7 12	13 41	2 42	18 26	1 47	11 21	1 25	1 1	2 58	19 49	0 3	23 11	0 7	6 28	0 29	2 35	2 6	32 45	15 47	5 20	5 9	18 50		n.a.
W13	6 49	10 6	1 29	18 14	1 54	10 53	1 25	1 5	2 58	19 51	0 3	23 11	0 7	6 29	0 29	2 34	2 6	32 45	15 47	5 20	5 10	18 50		n.a.
T 14	6 27	5 58	0 11	18 1	2 1	10 25	1 25	1 10	2 57	19 53	0 3	23 11	0 7	6 30	0 29	2 33	2 6	32 46	15 47	5 20	5 11	18 50		n.a.
F 15	6 4	1 36	1n 5	17 45	2 6	9 56	1 24	1 15	2 56	19 55	0 3	23 12	0 7	6 32	0 29	2 33	2 6	32 46	15 47	5 20	5 13	18 50		n.a.
S 16	5 41	2s45	2 16	17 28	2 12	9 28	1 24	1 21	2 54	19 57	0 3	23 12	0 7	6 33	0 29	2 32	2 6	32 46	15 46	5 20	5 14	18 50		n.a.
S 17	5 18	6 51	3 18	17 9	2 16	8 59	1 23	1 26	2 53	19 59	0 2	23 12	0 7	6 34	0 29	2 32	2 6	32 46	15 46	5 20	5 15	18 50		n.a.
M18	4 55	10 30	4 8	16 49	2 21	8 30	1 23	1 32	2 52	20 1	0 2	23 12	0 6	6 35	0 29	2 31	2 6	32 46	15 46	5 20	5 16	18 50		n.a.
T 19	4 32	13 36	4 45	16 27	2 24	8 0	1 22	1 38	2 51	20 3	0 2	23 13	0 6	6 37	0 29	2 30	2 6	32 46	15 46	5 20	5 18	18 50		n.a.
W20	4 9	16 1	5 8	16 3	2 27	7 31	1 21	1 44	2 49	20 5	0 2	23 13	0 6	6 38	0 29	2 30	2 6	32 46	15 45	5 20	5 19	18 50		n.a.
T 21	3 46	17 42	5 17	15 37	2 30	7 1	1 21	1 50	2 48	20 7	0 2	23 13	0 6	6 39	0 29	2 29	2 6	32 47	15 45	5 21	5 20	18 50		n.a.
F 22	3 22	18 34	5 12	15 10	2 32	6 31	1 20	1 56	2 46	20 9	0 2	23 14	0 6	6 40	0 29	2 29	2 6	32 47	15 45	5 21	5 21	18 50		n.a.
S 23	2 59	18 38	4 54	14 41	2 33	6 1	1 19	2 2	2 44	20 11	0 2	23 14	0 6	6 42	0 29	2 28	2 6	32 47	15 45	5 20	5 23	18 50		n.a.
S 24	2 36	17 52	4 23	14 11	2 34	5 31	1 18	2 9	2 43	20 13	0 2	23 14	0 6	6 43	0 29	2 27	2 7	32 47	15 44	5 20	5 24	18 50		n.a.
M25	2 12	16 18	3 41	13 39	2 34	5 0	1 17	2 15	2 41	20 15	0 2	23 15	0 6	6 44	0 29	2 27	2 7	32 47	15 44	5 20	5 25	18 50		n.a.
T 26	1 49	13 59	2 48	13 5	2 33	4 30	1 16	2 22	2 39	20 17	0 1	23 15	0 6	6 45	0 29	2 26	2 7	32 47	15 44	5 20	5 26	18 50		n.a.
W27	1 26	10 59	1 46	12 30	2 32	3 59	1 15	2 28	2 37	20 19	0 1	23 15	0 5	6 47	0 29	2 25	2 7	32 47	15 43	5 19	5 28	18 50		n.a.
T 28	1 2	7 26	0 38	11 53	2 31	3 28	1 13	2 35	2 35	20 21	0 1	23 16	0 5	6 48	0 29	2 25	2 7	32 47	15 43	5 19	5 29	18 50		n.a.
F 29	0 39	3 27	0s33	11 14	2 29	2 57	1 12	2 41	2 32	20 23	0 1	23 16	0 5	6 49	0 29	2 24	2 7	32 47	15 43	5 19	5 30	18 50		n.a.
S 30	0 16	0n47	1 44	10 34	2 26	2 26	1 11	2 48	2 30	20 25	0 1	23 16	0 5	6 51	0 29	2 24	2 7	32 47	15 42	5 19	5 31	18 50		n.a.
S 31	0n 8	5n 3	2s51	9s52	2s23	1s55	1s10	2n55	2n28	20n28	0s 1	23n17	0s 5	6n52	0s29	2s23	2n 7	32n47	15n42	5n20	5n33	18s50		n.a.

Julian Day Number = 1356232.5, Delta T = 07h02m56s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°52'44, Lahiri = -17°45'43 Julian Calendar 1 March 1000 BCE == Greg. Calendar 20 Feb. 1000 BCE

The year -999 astronomical counting style corresponds to year 1000 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1000 BCE
geocentric

APRIL 1000 BCE (-999) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 58 47	1♈17'14	3♉ 1	12♓25	29♓ 6	28°R 1	0♊12	19♊15	18♈25	10°R43	10°R52	16°R40	16♍ 6	6♑21	n.a.	M 1
T 2	12 2 44	2°15'04	16°54	14°10	0♈20	27♍39	0°21	19°18	18°28	10♎42	10♌51	16♍38	16° 3	6°27	n.a.	T 2
W 3	12 6 40	3°12'52	0♊57	15°57	1°33	27°17	0°31	19°22	18°32	10°40	10°51	16°36	16° 0	6°34	n.a.	W 3
T 4	12 10 37	4°10'39	15° 6	17°46	2°47	26°56	0°41	19°25	18°35	10°39	10°50	16°35	15°57	6°41	n.a.	T 4
F 5	12 14 33	5° 8'23	29°19	19°36	4° 1	26°35	0°51	19°29	18°39	10°37	10°49	16°D34	15°53	6°47	n.a.	F 5
S 6	12 18 30	6° 6'06	13♋33	21°29	5°15	26°14	1° 1	19°33	18°42	10°35	10°48	16°34	15°50	6°54	n.a.	S 6
S 7	12 22 27	7° 3'47	27°44	23°23	6°28	25°53	1°11	19°37	18°45	10°34	10°47	16°35	15°47	7° 1	n.a.	S 7
M 8	12 26 23	8° 1'26	11♌53	25°19	7°42	25°32	1°22	19°41	18°49	10°32	10°47	16°36	15°44	7° 8	n.a.	M 8
T 9	12 30 20	8°59'03	25°55	27°17	8°56	25°12	1°32	19°45	18°52	10°30	10°46	16°37	15°41	7°14	n.a.	T 9
W10	12 34 16	9°56'38	9♍49	29°17	10°10	24°52	1°42	19°49	18°56	10°29	10°45	16°R38	15°37	7°21	n.a.	W10
T 11	12 38 13	10°54'12	23°32	1♈19	11°23	24°32	1°53	19°53	18°59	10°27	10°45	16°38	15°34	7°28	n.a.	T 11
F 12	12 42 9	11°51'45	7♎ 3	3°23	12°37	24°13	2° 4	19°57	19° 3	10°26	10°44	16°37	15°31	7°34	n.a.	F 12
S 13	12 46 6	12°49'16	20°19	5°28	13°51	23°55	2°14	20° 2	19° 6	10°24	10°44	16°35	15°28	7°41	n.a.	S 13
S 14	12 50 2	13°46'46	3♏19	7°34	15° 5	23°37	2°25	20° 6	19°10	10°22	10°43	16°31	15°25	7°48	n.a.	S 14
M15	12 53 59	14°44'15	16° 3	9°42	16°18	23°19	2°36	20°11	19°13	10°21	10°43	16°27	15°22	7°55	n.a.	M15
T 16	12 57 55	15°41'43	28°31	11°51	17°32	23° 2	2°47	20°15	19°17	10°19	10°42	16°22	15°18	8° 1	n.a.	T 16
W17	13 1 52	16°39'09	10♐46	14° 1	18°46	22°46	2°58	20°20	19°20	10°18	10°42	16°18	15°15	8° 8	n.a.	W17
T 18	13 5 49	17°36'35	22°49	16°11	19°59	22°30	3° 9	20°25	19°24	10°16	10°41	16°14	15°12	8°15	n.a.	T 18
F 19	13 9 45	18°34'00	4♑45	18°23	21°13	22°15	3°20	20°30	19°27	10°14	10°41	16°12	15° 9	8°21	n.a.	F 19
S 20	13 13 42	19°31'24	16°38	20°34	22°27	22° 0	3°32	20°35	19°31	10°13	10°40	16°D11	15° 6	8°28	n.a.	S 20
S 21	13 17 38	20°28'47	28°31	22°46	23°40	21°46	3°43	20°40	19°34	10°11	10°40	16°11	15° 3	8°35	n.a.	S 21
M22	13 21 35	21°26'09	10♒32	24°57	24°54	21°33	3°55	20°45	19°38	10°10	10°40	16°12	14°59	8°42	n.a.	M22
T 23	13 25 31	22°23'30	22°43	27° 7	26° 8	21°21	4° 6	20°50	19°41	10° 8	10°39	16°14	14°56	8°48	n.a.	T 23
W24	13 29 28	23°20'51	5♓ 9	29°17	27°21	21° 9	4°18	20°55	19°45	10° 6	10°39	16°15	14°53	8°55	n.a.	W24
T 25	13 33 24	24°18'11	17°55	1♉26	28°35	20°58	4°29	21° 0	19°48	10° 5	10°39	16°R15	14°50	9° 2	n.a.	T 25
F 26	13 37 21	25°15'30	1♈ 2	3°33	29°49	20°48	4°41	21° 6	19°52	10° 3	10°39	16°15	14°47	9° 8	n.a.	F 26
S 27	13 41 18	26°12'48	14°31	5°39	1♉ 3	20°39	4°53	21°11	19°55	10° 2	10°39	16°12	14°43	9°15	n.a.	S 27
S 28	13 45 14	27°10'05	28°21	7°44	2°16	20°31	5° 4	21°17	19°58	10° 0	10°39	16° 7	14°40	9°22	n.a.	S 28
M29	13 49 11	28° 7'22	12♉30	9°46	3°30	20°23	5°16	21°22	20° 2	9°59	10°39	16° 1	14°37	9°29	n.a.	M29
T 30	13 53 7	29♈ 4'37	26♉51	11♉46	4♉43	20♍16	5♊28	21♊28	20♈ 5	9♎57	10♌38	15♍55	14♍34	9♑35	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n31	9n 8	3s49	9s 8	2s19	1s24	1s 8	3n 1	2n25	20n30	0s 1	23n17	0s 5	6n53	0s29	2s22	2n 7	32n47	15n42	5n20	5n34	18s50		n.a.
T 2	0 55	12 46	4 34	8 23	2 15	0 53	1 7	3 7	2 23	20 32	0 1	23 18	0 5	6 54	0 29	2 22	2 7	32 47	15 42	5 21	5 35	18 50		n.a.
W 3	1 18	15 43	5 4	7 37	2 10	0 22	1 5	3 14	2 20	20 34	0 0	23 18	0 5	6 56	0 29	2 21	2 7	32 47	15 41	5 22	5 36	18 50		n.a.
T 4	1 41	17 45	5 15	6 49	2 5	0n 9	1 4	3 20	2 17	20 36	0 0	23 18	0 5	6 57	0 29	2 20	2 7	32 47	15 41	5 23	5 38	18 50		n.a.
F 5	2 4	18 41	5 8	5 59	1 59	0 40	1 2	3 26	2 15	20 39	0 0	23 19	0 5	6 58	0 29	2 20	2 7	32 47	15 40	5 23	5 39	18 50		n.a.
S 6	2 28	18 27	4 41	5 9	1 52	1 12	1 1	3 32	2 12	20 41	0 0	23 19	0 4	7 0	0 29	2 19	2 7	32 46	15 40	5 23	5 40	18 50		n.a.
S 7	2 51	17 3	3 58	4 16	1 45	1 43	0 59	3 38	2 9	20 43	0n 0	23 20	0 4	7 1	0 29	2 18	2 7	32 46	15 40	5 23	5 41	18 50		n.a.
M 8	3 14	14 37	3 0	3 23	1 38	2 14	0 57	3 44	2 6	20 45	0 0	23 20	0 4	7 2	0 29	2 18	2 7	32 46	15 39	5 22	5 43	18 50		n.a.
T 9	3 37	11 20	1 52	2 28	1 30	2 45	0 55	3 49	2 3	20 48	0 0	23 20	0 4	7 4	0 29	2 17	2 7	32 46	15 39	5 22	5 44	18 50		n.a.
W10	4 0	7 26	0 38	1 32	1 21	3 16	0 54	3 54	2 0	20 50	0 0	23 21	0 4	7 5	0 29	2 16	2 7	32 46	15 39	5 21	5 45	18 50		n.a.
T 11	4 23	3 11	0n38	0 34	1 12	3 47	0 52	4 0	1 57	20 52	0 0	23 21	0 4	7 6	0 29	2 16	2 7	32 46	15 38	5 21	5 46	18 50		n.a.
F 12	4 46	1s10	1 50	0n24	1 3	4 18	0 50	4 4	1 54	20 54	0 1	23 22	0 4	7 8	0 29	2 15	2 7	32 46	15 38	5 22	5 48	18 50		n.a.
S 13	5 8	5 22	2 54	1 23	0 54	4 49	0 48	4 9	1 51	20 57	0 1	23 22	0 4	7 9	0 29	2 15	2 7	32 45	15 38	5 23	5 49	18 50		n.a.
S 14	5 31	9 14	3 48	2 23	0 44	5 19	0 46	4 14	1 48	20 59	0 1	23 23	0 4	7 10	0 29	2 14	2 7	32 45	15 37	5 24	5 50	18 50		n.a.
M15	5 54	12 35	4 30	3 23	0 34	5 50	0 44	4 18	1 45	21 1	0 1	23 23	0 4	7 12	0 29	2 13	2 7	32 45	15 37	5 26	5 51	18 50		n.a.
T 16	6 16	15 18	4 58	4 24	0 23	6 21	0 42	4 22	1 42	21 4	0 1	23 23	0 3	7 13	0 29	2 13	2 7	32 45	15 36	5 28	5 53	18 50		n.a.
W17	6 39	17 17	5 11	5 25	0 13	6 51	0 40	4 25	1 39	21 6	0 1	23 24	0 3	7 15	0 29	2 12	2 7	32 45	15 36	5 29	5 54	18 49		n.a.
T 18	7 1	18 27	5 10	6 26	0 2	7 21	0 38	4 29	1 35	21 8	0 1	23 24	0 3	7 16	0 29	2 11	2 7	32 44	15 36	5 31	5 55	18 49		n.a.
F 19	7 23	18 47	4 56	7 26	0n 8	7 51	0 36	4 32	1 32	21 10	0 1	23 25	0 3	7 17	0 29	2 11	2 7	32 44	15 35	5 32	5 56	18 49		n.a.
S 20	7 45	18 18	4 30	8 27	0 19	8 21	0 33	4 35	1 29	21 13	0 1	23 25	0 3	7 19	0 29	2 10	2 7	32 44	15 35	5 32	5 58	18 49		n.a.
S 21	8 7	17 0	3 51	9 26	0 29	8 51	0 31	4 37	1 26	21 15	0 2	23 26	0 3	7 20	0 29	2 9	2 7	32 43	15 34	5 32	5 59	18 49		n.a.
M22	8 29	14 57	3 3	10 25	0 39	9 20	0 29	4 40	1 22	21 17	0 2	23 26	0 3	7 21	0 29	2 9	2 7	32 43	15 34	5 32	6 0	18 49		n.a.
T 23	8 51	12 12	2 5	11 22	0 49	9 50	0 27	4 42	1 19	21 20	0 2	23 27	0 3	7 23	0 29	2 8	2 7	32 43	15 33	5 31	6 1	18 49		n.a.
W24	9 12	8 50	1 0	12 18	0 59	10 19	0 25	4 43	1 16	21 22	0 2	23 27	0 3	7 24	0 29	2 8	2 7	32 42	15 33	5 30	6 3	18 49		n.a.
T 25	9 34	4 59	0s 9	13 13	1 8	10 47	0 22	4 45	1 13	21 24	0 2	23 28	0 3	7 25	0 29	2 7	2 7	32 42	15 33	5 30	6 4	18 49		n.a.
F 26	9 55	0 48	1 19	14 6	1 17	11 16	0 20	4 46	1 9	21 26	0 2	23 28	0 2	7 27	0 29	2 6	2 7	32 42	15 32	5 31	6 5	18 49		n.a.
S 27	10 16	3n33	2 27	14 56	1 25	11 44	0 18	4 46	1 6	21 29	0 2	23 29	0 2	7 28	0 29	2 6	2 7	32 41	15 32	5 32	6 6	18 49		n.a.
S 28	10 37	7 49	3 28	15 45	1 32	12 12	0 15	4 47	1 3	21 31	0 2	23 29	0 2	7 29	0 29	2 5	2 7	32 41	15 31	5 33	6 8	18 49		n.a.
M29	10 58	11 44	4 18	16 32	1 39	12 40	0 13	4 47	1 0	21 33	0 2	23 29	0 2	7 31	0 29	2 5	2 7	32 41	15 31	5 36	6 9	18 49		n.a.
T 30	11n19	15n 2	4s52	17n17	1n46	13n 8	0s11	4n47	0n57	21n35	0n 3	23n30	0s 2	7n32	0s29	2s 4	2n 6	32n40	15n31	5n38	6n10	18s48		n.a.

Julian Day Number = 1356263.5, Delta T = 07h02m55s
Ecliptic obliquity = 23°48'44, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°52'40, Lahiri = -17°45'39 Julian Calendar 1 Apr. 1000 BCE == Greg. Calendar 23 March 1000 BCE

The year -999 astronomical counting style corresponds to year 1000 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1000 BCE
geocentric

MAY 1000 BCE (-999) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 57 4	0♉ 1'52	11♊20	13♉44	5♉57	20°R10	5♊40	21♊34	20♈ 9	9°R56	10°D38	15°R48	14♍31	9♋42	n.a.	W 1
T 2	14 1 0	0°59'06	25°50	15°40	7°11	20♍ 5	5°52	21°39	20°12	9♎54	10♌38	15♍43	14°28	9°49	n.a.	T 2
F 3	14 4 57	1°56'19	10♋16	17°34	8°24	20° 1	6° 4	21°45	20°16	9°53	10°39	15°39	14°24	9°55	n.a.	F 3
S 4	14 8 53	2°53'31	24°34	19°25	9°38	19°58	6°17	21°51	20°19	9°51	10°39	15°37	14°21	10° 2	n.a.	S 4
S 5	14 12 50	3°50'42	8♌41	21°14	10°52	19°55	6°29	21°57	20°23	9°50	10°39	15°D37	14°18	10° 9	n.a.	S 5
M 6	14 16 47	4°47'51	22°36	23° 1	12° 5	19°53	6°41	22° 3	20°26	9°48	10°39	15°38	14°15	10°16	n.a.	M 6
T 7	14 20 43	5°45'00	6♍18	24°45	13°19	19°52	6°53	22° 9	20°29	9°47	10°39	15°39	14°12	10°22	n.a.	T 7
W 8	14 24 40	6°42'08	19°49	26°26	14°33	19°D52	7° 6	22°15	20°33	9°45	10°39	15°R39	14° 8	10°29	n.a.	W 8
T 9	14 28 36	7°39'16	3♎ 8	28° 5	15°46	19°53	7°18	22°22	20°36	9°44	10°39	15°38	14° 5	10°36	n.a.	T 9
F 10	14 32 33	8°36'22	16°15	29°41	17° 0	19°55	7°31	22°28	20°40	9°43	10°40	15°34	14° 2	10°42	n.a.	F 10
S 11	14 36 29	9°33'28	29°11	1♏15	18°13	19°57	7°43	22°34	20°43	9°41	10°40	15°28	13°59	10°49	n.a.	S 11
S 12	14 40 26	10°30'34	11♏54	2°46	19°27	20° 0	7°56	22°40	20°46	9°40	10°40	15°20	13°56	10°56	n.a.	S 12
M13	14 44 22	11°27'39	24°26	4°15	20°41	20° 4	8° 8	22°47	20°50	9°39	10°41	15°11	13°53	11° 3	n.a.	M13
T 14	14 48 19	12°24'44	6♐46	5°41	21°54	20° 9	8°21	22°53	20°53	9°37	10°41	15° 1	13°49	11° 9	n.a.	T 14
W15	14 52 16	13°21'49	18°55	7° 4	23° 8	20°14	8°34	23° 0	20°56	9°36	10°42	14°51	13°46	11°16	n.a.	W15
T 16	14 56 12	14°18'54	0♑55	8°25	24°21	20°20	8°46	23° 6	20°59	9°35	10°42	14°42	13°43	11°23	n.a.	T 16
F 17	15 0 9	15°15'58	12°49	9°43	25°35	20°27	8°59	23°13	21° 3	9°33	10°42	14°35	13°40	11°29	n.a.	F 17
S 18	15 4 5	16°13'03	24°40	10°59	26°48	20°35	9°12	23°20	21° 6	9°32	10°43	14°30	13°37	11°36	n.a.	S 18
S 19	15 8 2	17°10'08	6♒33	12°11	28° 2	20°43	9°25	23°26	21° 9	9°31	10°44	14°28	13°34	11°43	n.a.	S 19
M20	15 11 58	18° 7'12	18°31	13°21	29°16	20°52	9°37	23°33	21°12	9°30	10°44	14°D27	13°30	11°49	n.a.	M20
T 21	15 15 55	19° 4'17	0♓41	14°27	0♊29	21° 2	9°50	23°40	21°16	9°29	10°45	14°28	13°27	11°56	n.a.	T 21
W22	15 19 52	20° 1'22	13° 7	15°31	1°43	21°13	10° 3	23°47	21°19	9°28	10°45	14°R28	13°24	12° 3	n.a.	W22
T 23	15 23 48	20°58'27	25°54	16°31	2°56	21°24	10°16	23°53	21°22	9°26	10°46	14°28	13°21	12°10	n.a.	T 23
F 24	15 27 45	21°55'32	9♈ 7	17°29	4°10	21°36	10°29	24° 0	21°25	9°25	10°47	14°25	13°18	12°16	n.a.	F 24
S 25	15 31 41	22°52'38	22°46	18°23	5°24	21°48	10°42	24° 7	21°28	9°24	10°48	14°21	13°14	12°23	n.a.	S 25
S 26	15 35 38	23°49'44	6♉51	19°13	6°37	22° 2	10°55	24°14	21°31	9°23	10°48	14°13	13°11	12°30	n.a.	S 26
M27	15 39 34	24°46'50	21°20	20° 0	7°51	22°15	11° 8	24°21	21°34	9°22	10°49	14° 4	13° 8	12°36	n.a.	M27
T 28	15 43 31	25°43'56	6♊ 5	20°44	9° 4	22°30	11°21	24°28	21°37	9°21	10°50	13°54	13° 5	12°43	n.a.	T 28
W29	15 47 27	26°41'02	20°59	21°24	10°18	22°45	11°35	24°36	21°40	9°20	10°51	13°44	13° 2	12°50	n.a.	W29
T 30	15 51 24	27°38'08	5♋53	21°59	11°31	23° 1	11°48	24°43	21°43	9°19	10°52	13°35	12°59	12°57	n.a.	T 30
F 31	15 55 21	28♉35'15	20♋38	22♊31	12♊45	23♍17	12♊ 1	24♊50	21♈46	9♎18	10♌53	13♍28	12♍55	13♋ 3	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	11n39	17n25	5s 8	17n59	1n51	13n35	0s 8	4n46	0n54	21n38	0n 3	23n30	0s 2	7n33	0s29	2s 3	2n 6	32n40	15n30	5n41	6n11	18s48			n.a.
T 2	12 0	18 41	5 4	18 39	1 56	14 2	0 6	4 45	0 51	21 40	0 3	23 31	0 2	7 35	0 29	2 3	2 6	32 39	15 30	5 43	6 13	18 48			n.a.
F 3	12 20	18 45	4 41	19 16	2 1	14 28	0 4	4 44	0 47	21 42	0 3	23 31	0 2	7 36	0 29	2 2	2 6	32 39	15 29	5 44	6 14	18 48			n.a.
S 4	12 40	17 36	4 0	19 51	2 4	14 54	0 1	4 43	0 44	21 44	0 3	23 32	0 2	7 37	0 28	2 2	2 6	32 39	15 29	5 45	6 15	18 48			n.a.
S 5	13 0	15 23	3 6	20 24	2 7	15 20	0n 1	4 41	0 41	21 47	0 3	23 32	0 2	7 39	0 28	2 1	2 6	32 38	15 28	5 45	6 16	18 48			n.a.
M 6	13 19	12 18	2 1	20 54	2 10	15 45	0 4	4 39	0 38	21 49	0 3	23 33	0 1	7 40	0 28	2 1	2 6	32 38	15 28	5 45	6 18	18 48			n.a.
T 7	13 39	8 34	0 50	21 22	2 11	16 10	0 6	4 37	0 35	21 51	0 3	23 33	0 1	7 41	0 28	2 0	2 6	32 37	15 27	5 45	6 19	18 48			n.a.
W 8	13 58	4 26	0n22	21 48	2 12	16 35	0 8	4 34	0 33	21 53	0 3	23 34	0 1	7 42	0 28	2 0	2 6	32 37	15 27	5 44	6 20	18 47			n.a.
T 9	14 17	0 9	1 33	22 11	2 12	16 59	0 11	4 31	0 30	21 56	0 3	23 34	0 1	7 44	0 28	1 59	2 6	32 36	15 27	5 45	6 21	18 47			n.a.
F 10	14 35	4s 5	2 37	22 32	2 11	17 23	0 13	4 28	0 27	21 58	0 4	23 35	0 1	7 45	0 28	1 59	2 6	32 36	15 26	5 46	6 23	18 47			n.a.
S 11	14 54	8 4	3 32	22 51	2 10	17 46	0 16	4 24	0 24	22 0	0 4	23 35	0 1	7 46	0 28	1 58	2 6	32 35	15 26	5 49	6 24	18 47			n.a.
S 12	15 12	11 36	4 15	23 8	2 8	18 9	0 18	4 21	0 21	22 2	0 4	23 35	0 1	7 48	0 28	1 58	2 6	32 35	15 25	5 52	6 25	18 47			n.a.
M13	15 30	14 34	4 45	23 22	2 5	18 31	0 20	4 16	0 18	22 4	0 4	23 36	0 1	7 49	0 28	1 57	2 6	32 34	15 25	5 56	6 26	18 47			n.a.
T 14	15 48	16 50	5 1	23 35	2 2	18 53	0 23	4 12	0 16	22 6	0 4	23 36	0 1	7 50	0 28	1 57	2 6	32 34	15 24	6 0	6 27	18 47			n.a.
W15	16 6	18 18	5 4	23 46	1 58	19 15	0 25	4 7	0 13	22 8	0 4	23 37	0 1	7 51	0 28	1 56	2 6	32 33	15 24	6 4	6 29	18 47			n.a.
T 16	16 23	18 56	4 53	23 55	1 53	19 36	0 27	4 3	0 10	22 11	0 4	23 37	0 1	7 53	0 28	1 56	2 6	32 33	15 24	6 7	6 30	18 46			n.a.
F 17	16 40	18 43	4 29	24 2	1 48	19 56	0 30	3 57	0 8	22 13	0 4	23 38	0 0	7 54	0 29	1 55	2 6	32 32	15 23	6 10	6 31	18 46			n.a.
S 18	16 57	17 42	3 53	24 7	1 41	20 16	0 32	3 52	0 5	22 15	0 4	23 38	0 0	7 55	0 29	1 55	2 6	32 32	15 23	6 11	6 32	18 46			n.a.
S 19	17 13	15 54	3 8	24 10	1 35	20 35	0 34	3 46	0 3	22 17	0 5	23 39	0 0	7 56	0 29	1 54	2 6	32 31	15 22	6 12	6 34	18 46			n.a.
M20	17 30	13 24	2 14	24 12	1 27	20 54	0 36	3 40	0 0	22 19	0 5	23 39	0 0	7 57	0 29	1 54	2 6	32 30	15 22	6 13	6 35	18 46			n.a.
T 21	17 46	10 16	1 13	24 12	1 19	21 12	0 39	3 34	0s 2	22 21	0 5	23 39	0 0	7 59	0 29	1 53	2 6	32 30	15 21	6 13	6 36	18 46			n.a.
W22	18 1	6 37	0 7	24 11	1 11	21 30	0 41	3 28	0 5	22 23	0 5	23 40	0 0	8 0	0 29	1 53	2 6	32 29	15 21	6 12	6 37	18 45			n.a.
T 23	18 17	2 35	1s 1	24 8	1 2	21 47	0 43	3 21	0 7	22 25	0 5	23 40	0n 0	8 1	0 29	1 53	2 6	32 29	15 21	6 13	6 39	18 45			n.a.
F 24	18 32	1n43	2 7	24 4	0 52	22 3	0 45	3 14	0 10	22 27	0 5	23 41	0 0	8 2	0 29	1 52	2 6	32 28	15 20	6 13	6 40	18 45			n.a.
S 25	18 47	6 4	3 9	23 59	0 41	22 19	0 47	3 7	0 12	22 29	0 5	23 41	0 0	8 3	0 29	1 52	2 6	32 27	15 20	6 15	6 41	18 45			n.a.
S 26	19 1	10 14	4 1	23 52	0 30	22 34	0 50	3 0	0 14	22 31	0 5	23 41	0 0	8 5	0 29	1 51	2 6	32 27	15 19	6 18	6 42	18 45			n.a.
M27	19 15	13 53	4 39	23 45	0 19	22 48	0 52	2 52	0 16	22 33	0 5	23 42	0 0	8 6	0 29	1 51	2 5	32 26	15 19	6 22	6 44	18 44			n.a.
T 28	19 29	16 45	4 59	23 36	0 7	23 2	0 54	2 44	0 19	22 35	0 5	23 42	0 1	8 7	0 29	1 51	2 5	32 25	15 18	6 26	6 45	18 44			n.a.
W29	19 43	18 31	4 59	23 26	0s 6	23 15	0 56	2 36	0 21	22 37	0 6	23 43	0 1	8 8	0 29	1 50	2 5	32 25	15 18	6 30	6 46	18 44			n.a.
T 30	19 56	19 1	4 40	23 15	0 19	23 28	0 58	2 28	0 23	22 39	0 6	23 43	0 1	8 9	0 29	1 50	2 5	32 24	15 18	6 33	6 47	18 44			n.a.
F 31	20n 9	18n14	4s 1	23n 4	0s32	23n40	1n 0	2n19	0s25	22n41	0n 6	23n43	0n 1	8n10	0s29	1s50	2n 5	32n23	15n17	6n36	6n49	18s44			n.a.

Julian Day Number = 1356293.5, Delta T = 07h02m53s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°52'36, Lahiri = -17°45'35 Julian Calendar 1 May 1000 BCE == Greg. Calendar 22 Apr. 1000 BCE

The year -999 astronomical counting style corresponds to year 1000 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1000 BCE
geocentric

JUNE 1000 BCE (-999) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 59 17	29♉32'21	5♌ 9	22♊59	13♊59	23♍34	12♊14	24♊57	21♈49	9°R17	10♌54	13°R24	12♍52	13♑10	n.a.	S 1
S 2	16 3 14	0♊29'27	19°21	23°22	15°12	23°52	12°27	25° 4	21°52	9♎17	10°55	13♍22	12°49	13°17	n.a.	S 2
M 3	16 7 10	1°26'33	3♍13	23°41	16°26	24°10	12°40	25°12	21°55	9°16	10°56	13°D22	12°46	13°23	n.a.	M 3
T 4	16 11 7	2°23'40	16°47	23°55	17°39	24°28	12°54	25°19	21°58	9°15	10°57	13°R22	12°43	13°30	n.a.	T 4
W 5	16 15 3	3°20'46	0♎ 4	24° 5	18°53	24°47	13° 7	25°26	22° 1	9°14	10°58	13°21	12°40	13°37	n.a.	W 5
T 6	16 19 0	4°17'53	13° 5	24°10	20° 6	25° 7	13°20	25°33	22° 3	9°13	10°59	13°19	12°36	13°43	n.a.	T 6
F 7	16 22 56	5°14'59	25°54	24°R10	21°20	25°27	13°33	25°41	22° 6	9°13	11° 0	13°13	12°33	13°50	n.a.	F 7
S 8	16 26 53	6°12'06	8♏31	24° 5	22°33	25°48	13°47	25°48	22° 9	9°12	11° 1	13° 5	12°30	13°57	n.a.	S 8
S 9	16 30 50	7° 9'14	20°58	23°56	23°47	26° 9	14° 0	25°56	22°12	9°11	11° 2	12°54	12°27	14° 4	n.a.	S 9
M10	16 34 46	8° 6'22	3♐16	23°41	25° 0	26°31	14°13	26° 3	22°14	9°10	11° 3	12°42	12°24	14°10	n.a.	M10
T 11	16 38 43	9° 3'30	15°26	23°23	26°14	26°53	14°27	26°11	22°17	9°10	11° 5	12°28	12°20	14°17	n.a.	T 11
W12	16 42 39	10° 0'40	27°28	22°59	27°27	27°16	14°40	26°18	22°20	9° 9	11° 6	12°15	12°17	14°24	n.a.	W12
T 13	16 46 36	10°57'50	9♑23	22°32	28°41	27°39	14°53	26°26	22°22	9° 9	11° 7	12° 3	12°14	14°30	n.a.	T 13
F 14	16 50 32	11°55'00	21°14	22° 1	29°54	28° 3	15° 6	26°33	22°25	9° 8	11° 8	11°54	12°11	14°37	n.a.	F 14
S 15	16 54 29	12°52'12	3♒ 4	21°26	1♋ 8	28°27	15°20	26°41	22°27	9° 8	11°10	11°47	12° 8	14°44	n.a.	S 15
S 16	16 58 26	13°49'25	14°55	20°48	2°21	28°51	15°33	26°48	22°30	9° 7	11°11	11°42	12° 5	14°50	n.a.	S 16
M17	17 2 22	14°46'38	26°52	20° 8	3°35	29°16	15°46	26°56	22°32	9° 7	11°12	11°40	12° 1	14°57	n.a.	M17
T 18	17 6 19	15°43'53	9♓ 0	19°26	4°48	29°41	16° 0	27° 3	22°35	9° 6	11°14	11°40	11°58	15° 4	n.a.	T 18
W19	17 10 15	16°41'08	21°24	18°44	6° 2	0♎ 7	16°13	27°11	22°37	9° 6	11°15	11°40	11°55	15°11	n.a.	W19
T 20	17 14 12	17°38'25	4♈ 9	18° 0	7°15	0°33	16°26	27°19	22°39	9° 6	11°17	11°39	11°52	15°17	n.a.	T 20
F 21	17 18 8	18°35'43	17°19	17°18	8°29	1° 0	16°40	27°26	22°42	9° 5	11°18	11°37	11°49	15°24	n.a.	F 21
S 22	17 22 5	19°33'02	0♉58	16°36	9°42	1°27	16°53	27°34	22°44	9° 5	11°20	11°32	11°46	15°31	n.a.	S 22
S 23	17 26 1	20°30'23	15° 7	15°57	10°56	1°54	17° 6	27°42	22°46	9° 5	11°21	11°25	11°42	15°37	n.a.	S 23
M24	17 29 58	21°27'45	29°43	15°20	12° 9	2°22	17°20	27°49	22°48	9° 4	11°23	11°15	11°39	15°44	n.a.	M24
T 25	17 33 55	22°25'08	14♊40	14°47	13°23	2°50	17°33	27°57	22°50	9° 4	11°24	11° 5	11°36	15°51	n.a.	T 25
W26	17 37 51	23°22'32	29°50	14°18	14°36	3°18	17°46	28° 5	22°53	9° 4	11°26	10°54	11°33	15°58	n.a.	W26
T 27	17 41 48	24°19'57	15♋ 3	13°54	15°50	3°47	18° 0	28°12	22°55	9° 4	11°28	10°45	11°30	16° 4	n.a.	T 27
F 28	17 45 44	25°17'23	0♌ 6	13°34	17° 3	4°16	18°13	28°20	22°57	9° 4	11°29	10°38	11°26	16°11	n.a.	F 28
S 29	17 49 41	26°14'50	14°53	13°21	18°16	4°46	18°26	28°28	22°59	9° 4	11°31	10°33	11°23	16°18	n.a.	S 29
S 30	17 53 37	27♊12'18	29♌17	13♊13	19♋30	5♎15	18♊40	28♊35	23♈ 1	9♎ 4	11♌33	10♍31	11♍20	16♑24	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n22	16n15	3s 8	22n52	0s46	23n51	1n 1	2n11	0s27	22n42	0n 6	23n44	0n 1	8n11	0s29	1s49	2n 5	32n23	15n17	6n37	6n50	18s43		n.a.
S 2	20 34	13 18	2 4	22 39	1 0	24 2	1 3	2 2	0 29	22 44	0 6	23 44	0 1	8 12	0 29	1 49	2 5	32 22	15 16	6 38	6 51	18 43		n.a.
M 3	20 46	9 39	0 54	22 25	1 14	24 11	1 5	1 53	0 31	22 46	0 6	23 44	0 1	8 14	0 29	1 49	2 5	32 21	15 16	6 38	6 52	18 43		n.a.
T 4	20 58	5 34	0n18	22 11	1 29	24 20	1 7	1 44	0 33	22 48	0 6	23 45	0 1	8 15	0 29	1 49	2 5	32 21	15 16	6 38	6 53	18 43		n.a.
W 5	21 9	1 18	1 27	21 57	1 44	24 29	1 9	1 34	0 35	22 50	0 6	23 45	0 1	8 16	0 29	1 48	2 5	32 20	15 15	6 38	6 55	18 43		n.a.
T 6	21 20	2s57	2 30	21 42	1 59	24 36	1 10	1 24	0 37	22 52	0 6	23 45	0 1	8 17	0 29	1 48	2 5	32 19	15 15	6 39	6 56	18 42		n.a.
F 7	21 31	6 59	3 25	21 27	2 14	24 43	1 12	1 15	0 39	22 53	0 6	23 46	0 1	8 18	0 29	1 48	2 5	32 19	15 15	6 42	6 57	18 42		n.a.
S 8	21 41	10 39	4 8	21 12	2 29	24 49	1 14	1 4	0 41	22 55	0 7	23 46	0 2	8 19	0 29	1 48	2 5	32 18	15 14	6 45	6 58	18 42		n.a.
S 9	21 51	13 48	4 39	20 56	2 44	24 55	1 15	0 54	0 42	22 57	0 7	23 46	0 2	8 20	0 29	1 47	2 5	32 17	15 14	6 49	7 0	18 42		n.a.
M10	22 0	16 18	4 56	20 41	2 58	25 0	1 17	0 44	0 44	22 58	0 7	23 47	0 2	8 21	0 29	1 47	2 5	32 17	15 13	6 54	7 1	18 42		n.a.
T 11	22 9	18 2	4 59	20 26	3 12	25 3	1 18	0 33	0 46	23 0	0 7	23 47	0 2	8 22	0 29	1 47	2 5	32 16	15 13	6 59	7 2	18 41		n.a.
W12	22 18	18 58	4 50	20 12	3 26	25 7	1 19	0 23	0 48	23 2	0 7	23 47	0 2	8 23	0 29	1 47	2 5	32 15	15 13	7 4	7 3	18 41		n.a.
T 13	22 26	19 2	4 27	19 58	3 39	25 9	1 21	0 12	0 49	23 3	0 7	23 48	0 2	8 24	0 29	1 47	2 4	32 14	15 12	7 9	7 5	18 41		n.a.
F 14	22 34	18 16	3 53	19 44	3 50	25 11	1 22	0 1	0 51	23 5	0 7	23 48	0 2	8 25	0 29	1 46	2 4	32 14	15 12	7 13	7 6	18 41		n.a.
S 15	22 42	16 43	3 9	19 31	4 1	25 12	1 23	0s10	0 53	23 7	0 7	23 48	0 2	8 26	0 29	1 46	2 4	32 13	15 12	7 15	7 7	18 40		n.a.
S 16	22 49	14 26	2 16	19 19	4 11	25 12	1 24	0 22	0 54	23 8	0 7	23 49	0 2	8 27	0 29	1 46	2 4	32 12	15 11	7 17	7 8	18 40		n.a.
M17	22 56	11 32	1 18	19 8	4 19	25 11	1 25	0 33	0 56	23 10	0 7	23 49	0 2	8 27	0 29	1 46	2 4	32 11	15 11	7 18	7 9	18 40		n.a.
T 18	23 2	8 6	0 14	18 58	4 26	25 10	1 27	0 45	0 57	23 11	0 8	23 49	0 2	8 28	0 29	1 46	2 4	32 11	15 11	7 18	7 11	18 40		n.a.
W19	23 8	4 15	0s51	18 49	4 31	25 8	1 27	0 57	0 59	23 13	0 8	23 49	0 2	8 29	0 29	1 46	2 4	32 10	15 10	7 18	7 12	18 39		n.a.
T 20	23 14	0 6	1 56	18 42	4 35	25 5	1 28	1 9	1 0	23 14	0 8	23 50	0 3	8 30	0 29	1 46	2 4	32 9	15 10	7 18	7 13	18 39		n.a.
F 21	23 19	4n11	2 57	18 36	4 37	25 1	1 29	1 21	1 2	23 16	0 8	23 50	0 3	8 31	0 29	1 46	2 4	32 8	15 10	7 19	7 14	18 39		n.a.
S 22	23 24	8 25	3 50	18 32	4 37	24 57	1 30	1 33	1 3	23 17	0 8	23 50	0 3	8 32	0 29	1 46	2 4	32 8	15 9	7 21	7 16	18 38		n.a.
S 23	23 28	12 19	4 30	18 29	4 36	24 52	1 31	1 45	1 4	23 19	0 8	23 50	0 3	8 33	0 29	1 46	2 4	32 7	15 9	7 24	7 17	18 38		n.a.
M24	23 32	15 36	4 55	18 28	4 33	24 46	1 31	1 57	1 6	23 20	0 8	23 51	0 3	8 33	0 29	1 46	2 4	32 6	15 9	7 27	7 18	18 38		n.a.
T 25	23 35	17 56	5 1	18 29	4 28	24 39	1 32	2 10	1 7	23 21	0 8	23 51	0 3	8 34	0 29	1 46	2 4	32 5	15 8	7 31	7 19	18 38		n.a.
W26	23 39	19 4	4 45	18 32	4 22	24 32	1 32	2 23	1 9	23 23	0 8	23 51	0 3	8 35	0 29	1 46	2 4	32 5	15 8	7 35	7 21	18 37		n.a.
T 27	23 41	18 49	4 10	18 37	4 14	24 24	1 33	2 35	1 10	23 24	0 9	23 51	0 3	8 36	0 29	1 46	2 4	32 4	15 8	7 39	7 22	18 37		n.a.
F 28	23 44	17 14	3 17	18 44	4 5	24 15	1 33	2 48	1 11	23 25	0 9	23 51	0 3	8 37	0 29	1 46	2 4	32 3	15 7	7 42	7 23	18 37		n.a.
S 29	23 45	14 32	2 12	18 53	3 54	24 5	1 34	3 1	1 12	23 27	0 9	23 52	0 3	8 37	0 29	1 46	2 3	32 2	15 7	7 43	7 24	18 36		n.a.
S 30	23n47	10n59	0s59	19n 3	3s43	23n55	1n34	3s15	1s14	23n28	0n 9	23n52	0n 3	8n38	0s29	1s46	2n 3	32n 1	15n 7	7n44	7n25	18s36		n.a.

Julian Day Number = 1356324.5, Delta T = 07h02m52s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°52'31, Lahiri = -17°45'31 Julian Calendar 1 June 1000 BCE == Greg. Calendar 23 May 1000 BCE

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ASTRODIENST EPHEMERIS for the year 1000 BCE
geocentric

JULY 1000 BCE (-999) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 57 34	28♊ 9'47	13♍17	13°D12	20♋43	5♎45	18♊53	28♊43	23♈ 2	9°D 4	11♌34	10°D31	11♍17	16♉31	n.a.	M 1
T 2	18 1 30	29° 7'16	26°52	13♊18	21°57	6°16	19° 6	28°51	23° 4	9♎ 4	11°36	10°R31	11°14	16°38	n.a.	T 2
W 3	18 5 27	0♋ 4'47	10♎ 5	13°30	23°10	6°47	19°19	28°58	23° 6	9° 4	11°38	10♍31	11°11	16°44	n.a.	W 3
T 4	18 9 24	1° 2'19	22°59	13°49	24°23	7°18	19°32	29° 6	23° 8	9° 4	11°40	10°29	11° 7	16°51	n.a.	T 4
F 5	18 13 20	1°59'51	5♏36	14°15	25°37	7°49	19°46	29°14	23°10	9° 4	11°41	10°25	11° 4	16°58	n.a.	F 5
S 6	18 17 17	2°57'25	18° 1	14°48	26°50	8°21	19°59	29°21	23°11	9° 4	11°43	10°18	11° 1	17° 4	n.a.	S 6
S 7	18 21 13	3°55'00	0♐16	15°27	28° 3	8°53	20°12	29°29	23°13	9° 4	11°45	10° 8	10°58	17°11	n.a.	S 7
M 8	18 25 10	4°52'37	12°22	16°14	29°17	9°25	20°25	29°37	23°15	9° 4	11°47	9°57	10°55	17°18	n.a.	M 8
T 9	18 29 6	5°50'15	24°23	17° 7	0♑30	9°58	20°38	29°45	23°16	9° 5	11°49	9°45	10°51	17°25	n.a.	T 9
W10	18 33 3	6°47'54	6♉18	18° 6	1°43	10°30	20°51	29°52	23°18	9° 5	11°51	9°34	10°48	17°31	n.a.	W10
T 11	18 37 0	7°45'35	18°10	19°12	2°57	11° 4	21° 4	29°59	23°19	9° 5	11°53	9°23	10°45	17°38	n.a.	T 11
F 12	18 40 56	8°43'17	29°59	20°24	4°10	11°37	21°17	0♋ 7	23°21	9° 6	11°54	9°15	10°42	17°45	n.a.	F 12
S 13	18 44 53	9°41'01	11♒50	21°41	5°23	12°11	21°30	0°15	23°22	9° 6	11°56	9° 9	10°39	17°51	n.a.	S 13
S 14	18 48 49	10°38'46	23°43	23° 4	6°36	12°44	21°43	0°23	23°23	9° 6	11°58	9° 5	10°36	17°58	n.a.	S 14
M15	18 52 46	11°36'33	5♓42	24°33	7°50	13°18	21°56	0°30	23°25	9° 7	12° 0	9°D 4	10°32	18° 5	n.a.	M15
T 16	18 56 42	12°34'22	17°52	26° 6	9° 3	13°53	22° 9	0°38	23°26	9° 7	12° 2	9° 4	10°29	18°11	n.a.	T 16
W17	19 0 39	13°32'13	0♈15	27°43	10°16	14°27	22°22	0°46	23°27	9° 8	12° 4	9° 5	10°26	18°18	n.a.	W17
T 18	19 4 35	14°30'06	12°58	29°24	11°29	15° 2	22°35	0°53	23°28	9° 8	12° 6	9°R 6	10°23	18°25	n.a.	T 18
F 19	19 8 32	15°28'01	26° 4	1♋ 9	12°42	15°37	22°47	1° 1	23°29	9° 9	12° 8	9° 5	10°20	18°32	n.a.	F 19
S 20	19 12 28	16°25'58	9♉37	2°56	13°56	16°13	23° 0	1° 8	23°30	9°10	12°10	9° 3	10°17	18°38	n.a.	S 20
S 21	19 16 25	17°23'57	23°39	4°47	15° 9	16°48	23°13	1°16	23°31	9°10	12°12	8°59	10°13	18°45	n.a.	S 21
M22	19 20 22	18°21'58	8♊ 9	6°39	16°22	17°24	23°26	1°23	23°32	9°11	12°14	8°52	10°10	18°52	n.a.	M22
T 23	19 24 18	19°20'01	23° 3	8°33	17°35	18° 0	23°38	1°31	23°33	9°12	12°17	8°45	10° 7	18°58	n.a.	T 23
W24	19 28 15	20°18'05	8♋13	10°29	18°48	18°36	23°51	1°38	23°34	9°12	12°19	8°38	10° 4	19° 5	n.a.	W24
T 25	19 32 11	21°16'12	23°30	12°25	20° 1	19°12	24° 3	1°45	23°35	9°13	12°21	8°31	10° 1	19°12	n.a.	T 25
F 26	19 36 8	22°14'21	8♌43	14°22	21°14	19°49	24°16	1°53	23°35	9°14	12°23	8°26	9°57	19°18	n.a.	F 26
S 27	19 40 4	23°12'31	23°41	16°20	22°27	20°26	24°28	2° 0	23°36	9°15	12°25	8°24	9°54	19°25	n.a.	S 27
S 28	19 44 1	24°10'43	8♍17	18°17	23°40	21° 3	24°41	2° 8	23°37	9°16	12°27	8°D23	9°51	19°32	n.a.	S 28
M29	19 47 57	25° 8'56	22°28	20°15	24°53	21°40	24°53	2°15	23°37	9°16	12°29	8°23	9°48	19°38	n.a.	M29
T 30	19 51 54	26° 7'12	6♎11	22°12	26° 6	22°18	25° 5	2°22	23°38	9°17	12°31	8°25	9°45	19°45	n.a.	T 30
W31	19 55 51	27♋ 5'28	19♎29	24♋ 8	27♌19	22♎55	25♊18	2♋29	23♈38	9♎18	12♌33	8♍26	9♍42	19♉52	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n48	6n54	0n15	19n15	3s30	23n44	1n34	3s28	1s15	23n29	0n 9	23n52	0n 4	8n39	0s29	1s46	2n 3	32n 1	15n 7	7n44	7n27	18s36			n.a.
T 2	23 49	2 34	1 26	19 29	3 17	23 32	1 34	3 41	1 16	23 30	0 9	23 52	0 4	8 39	0 29	1 46	2 3	32 0	15 6	7 44	7 28	18 36			n.a.
W 3	23 49	1s45	2 30	19 45	3 3	23 20	1 34	3 55	1 17	23 32	0 9	23 52	0 4	8 40	0 29	1 46	2 3	31 59	15 6	7 44	7 29	18 35			n.a.
T 4	23 48	5 54	3 25	20 2	2 48	23 7	1 34	4 8	1 18	23 33	0 9	23 52	0 4	8 41	0 29	1 46	2 3	31 58	15 6	7 45	7 30	18 35			n.a.
F 5	23 48	9 41	4 9	20 20	2 33	22 53	1 34	4 22	1 19	23 34	0 9	23 52	0 4	8 41	0 29	1 46	2 3	31 58	15 6	7 47	7 32	18 35			n.a.
S 6	23 47	12 59	4 40	20 39	2 18	22 39	1 34	4 35	1 20	23 35	0 10	23 53	0 4	8 42	0 29	1 46	2 3	31 57	15 5	7 49	7 33	18 34			n.a.
S 7	23 45	15 40	4 58	20 59	2 2	22 24	1 34	4 49	1 22	23 36	0 10	23 53	0 4	8 43	0 29	1 46	2 3	31 56	15 5	7 53	7 34	18 34			n.a.
M 8	23 43	17 38	5 2	21 19	1 47	22 8	1 33	5 3	1 23	23 37	0 10	23 53	0 4	8 43	0 29	1 46	2 3	31 55	15 5	7 57	7 35	18 34			n.a.
T 9	23 41	18 49	4 53	21 40	1 31	21 52	1 33	5 17	1 24	23 38	0 10	23 53	0 4	8 44	0 29	1 47	2 3	31 54	15 5	8 2	7 36	18 33			n.a.
W10	23 38	19 9	4 31	22 1	1 15	21 35	1 32	5 31	1 25	23 39	0 10	23 53	0 4	8 44	0 29	1 47	2 3	31 54	15 4	8 6	7 38	18 33			n.a.
T 11	23 35	18 39	3 57	22 22	1 0	21 17	1 32	5 45	1 26	23 40	0 10	23 53	0 4	8 45	0 29	1 47	2 3	31 53	15 4	8 10	7 39	18 33			n.a.
F 12	23 31	17 19	3 13	22 43	0 45	20 59	1 31	5 59	1 27	23 41	0 10	23 53	0 5	8 45	0 29	1 47	2 3	31 52	15 4	8 14	7 40	18 32			n.a.
S 13	23 27	15 16	2 20	23 3	0 30	20 41	1 30	6 13	1 27	23 42	0 10	23 53	0 5	8 46	0 29	1 47	2 2	31 51	15 4	8 16	7 41	18 32			n.a.
S 14	23 23	12 33	1 21	23 22	0 16	20 21	1 30	6 28	1 28	23 43	0 10	23 53	0 5	8 46	0 29	1 48	2 2	31 50	15 4	8 17	7 43	18 32			n.a.
M15	23 18	9 17	0 18	23 39	0 2	20 1	1 29	6 42	1 29	23 44	0 11	23 53	0 5	8 47	0 29	1 48	2 2	31 50	15 3	8 18	7 44	18 31			n.a.
T 16	23 12	5 36	0s47	23 56	0n10	19 41	1 28	6 56	1 30	23 45	0 11	23 54	0 5	8 47	0 29	1 48	2 2	31 49	15 3	8 18	7 45	18 31			n.a.
W17	23 7	1 36	1 51	24 10	0 23	19 20	1 27	7 11	1 31	23 46	0 11	23 54	0 5	8 48	0 29	1 48	2 2	31 48	15 3	8 17	7 46	18 31			n.a.
T 18	23 1	2n34	2 52	24 23	0 34	18 59	1 26	7 25	1 32	23 47	0 11	23 54	0 5	8 48	0 29	1 49	2 2	31 47	15 3	8 17	7 47	18 30			n.a.
F 19	22 54	6 44	3 45	24 33	0 45	18 37	1 25	7 40	1 33	23 48	0 11	23 54	0 5	8 48	0 29	1 49	2 2	31 47	15 3	8 17	7 49	18 30			n.a.
S 20	22 47	10 41	4 28	24 42	0 55	18 14	1 23	7 54	1 34	23 48	0 11	23 54	0 5	8 49	0 29	1 49	2 2	31 46	15 3	8 18	7 50	18 30			n.a.
S 21	22 40	14 11	4 57	24 47	1 4	17 51	1 22	8 9	1 34	23 49	0 11	23 54	0 5	8 49	0 29	1 50	2 2	31 45	15 2	8 20	7 51	18 29			n.a.
M22	22 32	16 57	5 7	24 50	1 12	17 28	1 21	8 24	1 35	23 50	0 11	23 54	0 5	8 50	0 29	1 50	2 2	31 44	15 2	8 22	7 52	18 29			n.a.
T 23	22 24	18 40	4 58	24 51	1 19	17 4	1 19	8 38	1 36	23 51	0 11	23 54	0 6	8 50	0 29	1 50	2 2	31 44	15 2	8 25	7 54	18 28			n.a.
W24	22 15	19 6	4 28	24 49	1 26	16 39	1 18	8 53	1 37	23 52	0 12	23 54	0 6	8 50	0 29	1 51	2 2	31 43	15 2	8 28	7 55	18 28			n.a.
T 25	22 6	18 9	3 38	24 44	1 31	16 14	1 16	9 8	1 37	23 52	0 12	23 54	0 6	8 50	0 29	1 51	2 2	31 42	15 2	8 30	7 56	18 28			n.a.
F 26	21 57	15 54	2 33	24 37	1 36	15 49	1 15	9 22	1 38	23 53	0 12	23 54	0 6	8 51	0 29	1 51	2 2	31 41	15 2	8 32	7 57	18 27			n.a.
S 27	21 47	12 36	1 19	24 27	1 40	15 23	1 13	9 37	1 39	23 54	0 12	23 54	0 6	8 51	0 29	1 52	2 2	31 40	15 2	8 33	7 58	18 27			n.a.
S 28	21 37	8 35	0 0	24 14	1 43	14 57	1 11	9 52	1 39	23 54	0 12	23 54	0 6	8 51	0 29	1 52	2 1	31 40	15 2	8 33	8 0	18 27			n.a.
M29	21 26	4 11	1n16	24 0	1 45	14 31	1 9	10 7	1 40	23 55	0 12	23 54	0 6	8 51	0 29	1 53	2 1	31 39	15 2	8 33	8 1	18 26			n.a.
T 30	21 15	0s17	2 25	23 42	1 47	14 4	1 7	10 22	1 40	23 55	0 12	23 54	0 6	8 52	0 29	1 53	2 1	31 38	15 1	8 33	8 2	18 26			n.a.
W31	21n 4	4s35	3n24	23n23	1n48	13n37	1n 5	10s36	1s41	23n56	0n12	23n54	0n 6	8n52	0s29	1s53	2n 1	31n38	15n 1	8n32	8n 3	18s25			n.a.

Julian Day Number = 1356354.5, Delta T = 07h02m50s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°52'27, Lahiri = -17°45'27 Julian Calendar 1 July 1000 BCE == Greg. Calendar 22 June 1000 BCE

The year -999 astronomical counting style corresponds to year 1000 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1000 BCE
geocentric

AUGUST 1000 BCE (-999) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 59 47	28♋ 3'47	2♏23	26♋ 4	28♌32	23♎33	25♊30	2♋37	23♈39	9♎19	12♌36	8°R26	9♍38	19♉59	n.a.	T 1
F 2	20 3 44	29° 2'07	14°58	27°59	29°45	24°11	25°42	2°44	23°39	9°20	12°38	8♍25	9°35	20° 5	n.a.	F 2
S 3	20 7 40	0♌ 0'29	27°17	29°54	0♍58	24°49	25°54	2°51	23°39	9°21	12°40	8°21	9°32	20°12	n.a.	S 3
S 4	20 11 37	0°58'52	9♐25	1♌47	2°11	25°28	26° 6	2°58	23°40	9°22	12°42	8°17	9°29	20°19	n.a.	S 4
M 5	20 15 33	1°57'18	21°25	3°39	3°24	26° 6	26°18	3° 5	23°40	9°23	12°44	8°11	9°26	20°25	n.a.	M 5
T 6	20 19 30	2°55'45	3♑19	5°31	4°36	26°45	26°30	3°12	23°40	9°25	12°47	8° 4	9°23	20°32	n.a.	T 6
W 7	20 23 26	3°54'15	15°10	7°21	5°49	27°24	26°42	3°19	23°40	9°26	12°49	7°58	9°19	20°39	n.a.	W 7
T 8	20 27 23	4°52'46	27° 1	9°10	7° 2	28° 3	26°54	3°26	23°40	9°27	12°51	7°52	9°16	20°45	n.a.	T 8
F 9	20 31 20	5°51'19	8♒53	10°59	8°15	28°42	27° 5	3°33	23°R40	9°28	12°53	7°48	9°13	20°52	n.a.	F 9
S 10	20 35 16	6°49'54	20°48	12°46	9°27	29°21	27°17	3°40	23°40	9°29	12°55	7°45	9°10	20°59	n.a.	S 10
S 11	20 39 13	7°48'31	2♓48	14°32	10°40	0♏ 1	27°29	3°47	23°40	9°31	12°58	7°D44	9° 7	21° 5	n.a.	S 11
M12	20 43 9	8°47'11	14°55	16°17	11°53	0°40	27°40	3°54	23°40	9°32	13° 0	7°44	9° 3	21°12	n.a.	M12
T 13	20 47 6	9°45'53	27°13	18° 1	13° 5	1°20	27°52	4° 0	23°40	9°33	13° 2	7°45	9° 0	21°19	n.a.	T 13
W14	20 51 2	10°44'37	9♈43	19°44	14°18	2° 0	28° 3	4° 7	23°40	9°35	13° 4	7°47	8°57	21°26	n.a.	W14
T 15	20 54 59	11°43'23	22°29	21°26	15°30	2°40	28°14	4°14	23°40	9°36	13° 6	7°48	8°54	21°32	n.a.	T 15
F 16	20 58 55	12°42'12	5♉35	23° 7	16°43	3°20	28°26	4°20	23°39	9°37	13° 9	7°49	8°51	21°39	n.a.	F 16
S 17	21 2 52	13°41'03	19° 3	24°47	17°55	4° 1	28°37	4°27	23°39	9°39	13°11	7°R49	8°48	21°46	n.a.	S 17
S 18	21 6 48	14°39'57	2♊55	26°26	19° 8	4°41	28°48	4°34	23°38	9°40	13°13	7°48	8°44	21°52	n.a.	S 18
M19	21 10 45	15°38'53	17°11	28° 4	20°20	5°22	28°59	4°40	23°38	9°42	13°15	7°46	8°41	21°59	n.a.	M19
T 20	21 14 42	16°37'52	1♋49	29°41	21°33	6° 3	29°10	4°46	23°37	9°43	13°18	7°44	8°38	22° 6	n.a.	T 20
W21	21 18 38	17°36'53	16°44	1♍17	22°45	6°44	29°21	4°53	23°37	9°45	13°20	7°41	8°35	22°12	n.a.	W21
T 22	21 22 35	18°35'56	1♌49	2°53	23°58	7°25	29°31	4°59	23°36	9°46	13°22	7°39	8°32	22°19	n.a.	T 22
F 23	21 26 31	19°35'02	16°54	4°27	25°10	8° 6	29°42	5° 5	23°36	9°48	13°24	7°37	8°29	22°26	n.a.	F 23
S 24	21 30 28	20°34'10	1♍51	6° 0	26°22	8°47	29°53	5°11	23°35	9°50	13°26	7°D36	8°25	22°32	n.a.	S 24
S 25	21 34 24	21°33'20	16°31	7°33	27°34	9°29	0♋ 3	5°18	23°34	9°51	13°29	7°36	8°22	22°39	n.a.	S 25
M26	21 38 21	22°32'31	0♎48	9° 5	28°47	10°10	0°14	5°24	23°33	9°53	13°31	7°37	8°19	22°46	n.a.	M26
T 27	21 42 17	23°31'45	14°40	10°36	29°59	10°52	0°24	5°30	23°32	9°54	13°33	7°38	8°16	22°52	n.a.	T 27
W28	21 46 14	24°31'01	28° 5	12° 6	1♎11	11°34	0°34	5°36	23°31	9°56	13°35	7°39	8°13	22°59	n.a.	W28
T 29	21 50 10	25°30'19	11♏ 5	13°35	2°23	12°16	0°44	5°41	23°30	9°58	13°37	7°40	8° 9	23° 6	n.a.	T 29
F 30	21 54 7	26°29'38	23°43	15° 3	3°35	12°58	0°54	5°47	23°29	10° 0	13°40	7°R41	8° 6	23°13	n.a.	F 30
S 31	21 58 4	27♌29'00	6♐ 3	16♍31	4♎47	13♏40	1♋ 4	5♋53	23♈28	10♎ 1	13♌42	7♍40	8♍ 3	23♑19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20n52	8s33	4n12	23n 2	1n48	13n 9	1n 3	10s51	1s42	23n57	0n13	23n53	0n 6	8n52	0s29	1s54	2n 1	31n37	15n 1	8n32	8n 4	18s25			n.a.
F 2	20 40	12 2	4 45	22 39	1 48	12 41	1 1	11 6	1 42	23 57	0 13	23 53	0 6	8 52	0 29	1 54	2 1	31 36	15 1	8 33	8 6	18 25			n.a.
S 3	20 28	14 55	5 5	22 14	1 47	12 13	0 59	11 21	1 43	23 58	0 13	23 53	0 7	8 52	0 29	1 55	2 1	31 35	15 1	8 34	8 7	18 24			n.a.
S 4	20 15	17 5	5 11	21 47	1 45	11 44	0 57	11 36	1 43	23 58	0 13	23 53	0 7	8 52	0 30	1 55	2 1	31 35	15 1	8 36	8 8	18 24			n.a.
M 5	20 2	18 30	5 3	21 19	1 43	11 16	0 54	11 50	1 44	23 59	0 13	23 53	0 7	8 52	0 30	1 56	2 1	31 34	15 1	8 38	8 9	18 23			n.a.
T 6	19 48	19 5	4 41	20 49	1 41	10 46	0 52	12 5	1 44	23 59	0 13	23 53	0 7	8 52	0 30	1 56	2 1	31 33	15 1	8 40	8 11	18 23			n.a.
W 7	19 35	18 49	4 8	20 18	1 38	10 17	0 50	12 20	1 45	23 59	0 13	23 53	0 7	8 52	0 30	1 57	2 1	31 32	15 1	8 43	8 12	18 22			n.a.
T 8	19 21	17 44	3 24	19 45	1 35	9 47	0 47	12 35	1 45	24 0	0 13	23 53	0 7	8 52	0 30	1 57	2 1	31 32	15 1	8 45	8 13	18 22			n.a.
F 9	19 6	15 53	2 31	19 12	1 31	9 18	0 45	12 49	1 46	24 0	0 14	23 53	0 7	8 52	0 30	1 58	2 1	31 31	15 1	8 46	8 14	18 22			n.a.
S 10	18 51	13 20	1 31	18 38	1 27	8 47	0 42	13 4	1 46	24 1	0 14	23 53	0 7	8 52	0 30	1 58	2 1	31 30	15 1	8 48	8 15	18 21			n.a.
S 11	18 36	10 13	0 27	18 2	1 22	8 17	0 39	13 19	1 47	24 1	0 14	23 53	0 7	8 52	0 30	1 59	2 1	31 30	15 1	8 48	8 17	18 21			n.a.
M12	18 21	6 38	0s39	17 26	1 18	7 47	0 37	13 33	1 47	24 1	0 14	23 53	0 7	8 52	0 30	1 59	2 1	31 29	15 1	8 48	8 18	18 20			n.a.
T 13	18 5	2 44	1 45	16 49	1 13	7 16	0 34	13 48	1 47	24 2	0 14	23 53	0 8	8 52	0 30	2 0	2 0	31 28	15 1	8 48	8 19	18 20			n.a.
W14	17 49	1n21	2 47	16 11	1 7	6 45	0 31	14 2	1 48	24 2	0 14	23 52	0 8	8 52	0 30	2 1	2 0	31 28	15 1	8 47	8 20	18 19			n.a.
T 15	17 32	5 27	3 42	15 33	1 2	6 14	0 28	14 17	1 48	24 2	0 14	23 52	0 8	8 52	0 30	2 1	2 0	31 27	15 1	8 46	8 21	18 19			n.a.
F 16	17 16	9 24	4 27	14 54	0 56	5 43	0 25	14 31	1 48	24 3	0 14	23 52	0 8	8 52	0 30	2 2	2 0	31 26	15 1	8 46	8 23	18 19			n.a.
S 17	16 59	12 58	4 58	14 15	0 50	5 11	0 22	14 45	1 49	24 3	0 15	23 52	0 8	8 52	0 30	2 2	2 0	31 26	15 1	8 46	8 24	18 18			n.a.
S 18	16 41	15 56	5 14	13 35	0 44	4 40	0 19	14 59	1 49	24 3	0 15	23 52	0 8	8 51	0 30	2 3	2 0	31 25	15 1	8 46	8 25	18 18			n.a.
M19	16 24	18 2	5 11	12 55	0 38	4 8	0 16	15 14	1 49	24 3	0 15	23 52	0 8	8 51	0 30	2 4	2 0	31 24	15 1	8 47	8 26	18 17			n.a.
T 20	16 6	19 0	4 48	12 15	0 31	3 36	0 13	15 28	1 50	24 4	0 15	23 52	0 8	8 51	0 30	2 4	2 0	31 24	15 1	8 48	8 27	18 17			n.a.
W21	15 48	18 41	4 5	11 34	0 24	3 4	0 10	15 42	1 50	24 4	0 15	23 52	0 8	8 51	0 30	2 5	2 0	31 23	15 2	8 49	8 29	18 16			n.a.
T 22	15 29	17 4	3 5	10 53	0 18	2 32	0 7	15 56	1 50	24 4	0 15	23 51	0 8	8 51	0 30	2 6	2 0	31 23	15 2	8 50	8 30	18 16			n.a.
F 23	15 10	14 14	1 52	10 12	0 11	2 0	0 4	16 10	1 50	24 4	0 15	23 51	0 8	8 50	0 30	2 6	2 0	31 22	15 2	8 51	8 31	18 15			n.a.
S 24	14 51	10 29	0 32	9 30	0 4	1 28	0 0	16 23	1 51	24 4	0 16	23 51	0 9	8 50	0 30	2 7	2 0	31 21	15 2	8 51	8 32	18 15			n.a.
S 25	14 32	6 9	0n49	8 49	0s 3	0 56	0s 3	16 37	1 51	24 4	0 16	23 51	0 9	8 50	0 30	2 8	2 0	31 21	15 2	8 51	8 34	18 14			n.a.
M26	14 13	1 35	2 5	8 8	0 10	0 24	0 6	16 51	1 51	24 5	0 16	23 51	0 9	8 49	0 30	2 8	2 0	31 20	15 2	8 51	8 35	18 14			n.a.
T 27	13 53	2s56	3 11	7 26	0 18	0s 8	0 10	17 4	1 51	24 5	0 16	23 51	0 9	8 49	0 30	2 9	2 0	31 20	15 2	8 50	8 36	18 13			n.a.
W28	13 33	7 9	4 5	6 45	0 25	0 40	0 13	17 18	1 51	24 5	0 16	23 51	0 9	8 49	0 30	2 10	2 0	31 19	15 2	8 50	8 37	18 13			n.a.
T 29	13 13	10 54	4 44	6 3	0 32	1 13	0 16	17 31	1 51	24 5	0 16	23 50	0 9	8 48	0 30	2 11	2 0	31 19	15 2	8 49	8 38	18 12			n.a.
F 30	12 53	14 2	5 8	5 22	0 40	1 45	0 20	17 44	1 52	24 5	0 16	23 50	0 9	8 48	0 30	2 11	2 0	31 18	15 3	8 49	8 40	18 12			n.a.
S 31	12n32	16s27	5n17	4n41	0s47	2s17	0s23	17s57	1s52	24n 5	0n17	23n50	0n 9	8n47	0s30	2s12	2n 0	31n18	15n 3	8n49	8n41	18s11			n.a.

Julian Day Number = 1356385.5, Delta T = 07h02m49s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°52'23, Lahiri = -17°45'23 Julian Calendar 1 Aug. 1000 BCE == Greg. Calendar 23 July 1000 BCE

The year -999 astronomical counting style corresponds to year 1000 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1000 BCE
geocentric

SEPTEMBER 1000 BCE (-999) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 2 0	28♌28'24	18♐ 9	17♍57	5♎59	14♏22	1♋14	5♋59	23°R27	10♎ 3	13♌44	7°R40	8♍ 0	23♉26	n.a.	S 1
M 2	22 5 57	29°27'49	0♉ 6	19°23	7°11	15° 4	1°24	6° 4	23♈26	10° 5	13°46	7♍39	7°57	23°33	n.a.	M 2
T 3	22 9 53	0♍27'16	11°58	20°48	8°23	15°47	1°33	6°10	23°25	10° 7	13°48	7°38	7°54	23°39	n.a.	T 3
W 4	22 13 50	1°26'46	23°48	22°11	9°35	16°29	1°43	6°15	23°24	10° 9	13°50	7°37	7°50	23°46	n.a.	W 4
T 5	22 17 46	2°26'17	5♒40	23°34	10°47	17°12	1°52	6°21	23°22	10°10	13°53	7°36	7°47	23°53	n.a.	T 5
F 6	22 21 43	3°25'51	17°36	24°56	11°58	17°55	2° 1	6°26	23°21	10°12	13°55	7°36	7°44	23°59	n.a.	F 6
S 7	22 25 39	4°25'26	29°39	26°16	13°10	18°37	2°10	6°31	23°20	10°14	13°57	7°36	7°41	24° 6	n.a.	S 7
S 8	22 29 36	5°25'04	11♓51	27°36	14°22	19°20	2°20	6°37	23°18	10°16	13°59	7°D35	7°38	24°13	n.a.	S 8
M 9	22 33 33	6°24'43	24°13	28°54	15°33	20° 3	2°28	6°42	23°17	10°18	14° 1	7°36	7°34	24°19	n.a.	M 9
T 10	22 37 29	7°24'25	6♈46	0♎11	16°45	20°47	2°37	6°47	23°15	10°20	14° 3	7°R36	7°31	24°26	n.a.	T 10
W11	22 41 26	8°24'09	19°32	1°27	17°56	21°30	2°46	6°52	23°14	10°22	14° 5	7°36	7°28	24°33	n.a.	W11
T 12	22 45 22	9°23'56	2♉31	2°41	19° 8	22°13	2°55	6°56	23°12	10°24	14° 7	7°35	7°25	24°39	n.a.	T 12
F 13	22 49 19	10°23'45	15°46	3°54	20°19	22°56	3° 3	7° 1	23°10	10°26	14° 9	7°35	7°22	24°46	n.a.	F 13
S 14	22 53 15	11°23'36	29°17	5° 5	21°30	23°40	3°11	7° 6	23° 9	10°28	14°11	7°35	7°19	24°53	n.a.	S 14
S 15	22 57 12	12°23'30	13♊ 4	6°14	22°42	24°23	3°20	7°11	23° 7	10°30	14°13	7°D35	7°15	24°59	n.a.	S 15
M16	23 1 8	13°23'26	27° 8	7°21	23°53	25° 7	3°28	7°15	23° 5	10°32	14°15	7°35	7°12	25° 6	n.a.	M16
T 17	23 5 5	14°23'24	11♋27	8°25	25° 4	25°51	3°36	7°20	23° 4	10°34	14°17	7°35	7° 9	25°13	n.a.	T 17
W18	23 9 1	15°23'25	25°59	9°28	26°15	26°34	3°43	7°24	23° 2	10°36	14°19	7°36	7° 6	25°19	n.a.	W18
T 19	23 12 58	16°23'28	10♌39	10°27	27°26	27°18	3°51	7°28	23° 0	10°38	14°21	7°37	7° 3	25°26	n.a.	T 19
F 20	23 16 55	17°23'34	25°22	11°24	28°37	28° 2	3°59	7°33	22°58	10°40	14°23	7°37	7° 0	25°33	n.a.	F 20
S 21	23 20 51	18°23'41	10♍ 2	12°17	29°48	28°46	4° 6	7°37	22°56	10°43	14°25	7°R38	6°56	25°40	n.a.	S 21
S 22	23 24 48	19°23'50	24°31	13° 6	0♏59	29°30	4°13	7°41	22°54	10°45	14°27	7°37	6°53	25°46	n.a.	S 22
M23	23 28 44	20°24'02	8♎43	13°52	2°10	0♐14	4°20	7°45	22°52	10°47	14°29	7°36	6°50	25°53	n.a.	M23
T 24	23 32 41	21°24'15	22°35	14°32	3°20	0°58	4°27	7°48	22°50	10°49	14°31	7°34	6°47	26° 0	n.a.	T 24
W25	23 36 37	22°24'30	6♏ 4	15° 8	4°31	1°43	4°34	7°52	22°48	10°51	14°33	7°32	6°44	26° 6	n.a.	W25
T 26	23 40 34	23°24'47	19° 8	15°38	5°41	2°27	4°41	7°56	22°46	10°53	14°35	7°30	6°40	26°13	n.a.	T 26
F 27	23 44 30	24°25'05	1♐51	16° 1	6°52	3°11	4°47	7°59	22°44	10°55	14°36	7°28	6°37	26°20	n.a.	F 27
S 28	23 48 27	25°25'25	14°14	16°18	8° 2	3°56	4°54	8° 3	22°42	10°58	14°38	7°27	6°34	26°26	n.a.	S 28
S 29	23 52 23	26°25'47	26°21	16°27	9°13	4°40	5° 0	8° 6	22°39	11° 0	14°40	7°D27	6°31	26°33	n.a.	S 29
M30	23 56 20	27♍26'10	8♉18	16°R28	10♏23	5♐25	5♋ 6	8♋ 9	22♈37	11♎ 2	14♌42	7♍27	6♍28	26♉40	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n11	18s 6	5n12	4n 0	0s54	2s49	0s27	18s10	1s52	24n 5	0n17	23n50	0n 9	8n47	0s30	2s13	2n 0	31n17	15n 3	8n50	8n42	18s11		n.a.
M 2	11 50	18 56	4 53	3 20	1 1	3 21	0 30	18 23	1 52	24 5	0 17	23 50	0 10	8 47	0 30	2 14	1 59	31 16	15 3	8 50	8 43	18 10		n.a.
T 3	11 29	18 55	4 22	2 39	1 9	3 53	0 34	18 36	1 52	24 5	0 17	23 50	0 10	8 46	0 30	2 14	1 59	31 16	15 3	8 50	8 44	18 10		n.a.
W 4	11 8	18 4	3 40	1 59	1 16	4 25	0 37	18 49	1 52	24 5	0 17	23 49	0 10	8 46	0 30	2 15	1 59	31 15	15 3	8 51	8 46	18 9		n.a.
T 5	10 46	16 26	2 48	1 19	1 23	4 57	0 41	19 1	1 52	24 5	0 17	23 49	0 10	8 45	0 30	2 16	1 59	31 15	15 4	8 51	8 47	18 9		n.a.
F 6	10 24	14 4	1 49	0 40	1 30	5 29	0 44	19 14	1 52	24 5	0 18	23 49	0 10	8 45	0 30	2 17	1 59	31 14	15 4	8 51	8 48	18 8		n.a.
S 7	10 2	11 5	0 44	0 1	1 37	6 0	0 48	19 26	1 52	24 5	0 18	23 49	0 10	8 44	0 30	2 17	1 59	31 14	15 4	8 51	8 49	18 8		n.a.
S 8	9 40	7 35	0s24	0s37	1 44	6 32	0 51	19 38	1 52	24 5	0 18	23 49	0 10	8 44	0 30	2 18	1 59	31 14	15 4	8 51	8 50	18 7		n.a.
M 9	9 18	3 43	1 31	1 15	1 51	7 3	0 55	19 50	1 52	24 5	0 18	23 49	0 10	8 43	0 30	2 19	1 59	31 13	15 5	8 51	8 52	18 7		n.a.
T 10	8 55	0n21	2 35	1 52	1 58	7 34	0 58	20 2	1 52	24 5	0 18	23 49	0 10	8 42	0 30	2 20	1 59	31 13	15 5	8 51	8 53	18 6		n.a.
W11	8 33	4 29	3 33	2 29	2 4	8 5	1 2	20 13	1 52	24 5	0 18	23 48	0 10	8 42	0 30	2 21	1 59	31 12	15 5	8 51	8 54	18 6		n.a.
T 12	8 10	8 28	4 20	3 4	2 10	8 36	1 5	20 25	1 52	24 5	0 18	23 48	0 11	8 41	0 30	2 22	1 59	31 12	15 5	8 51	8 55	18 5		n.a.
F 13	7 47	12 7	4 55	3 39	2 16	9 7	1 9	20 36	1 52	24 5	0 19	23 48	0 11	8 41	0 30	2 22	1 59	31 11	15 6	8 51	8 56	18 5		n.a.
S 14	7 24	15 12	5 14	4 13	2 22	9 37	1 12	20 47	1 52	24 5	0 19	23 48	0 11	8 40	0 30	2 23	1 59	31 11	15 6	8 51	8 58	18 4		n.a.
S 15	7 1	17 30	5 16	4 46	2 28	10 8	1 16	20 58	1 52	24 5	0 19	23 48	0 11	8 39	0 30	2 24	1 59	31 11	15 6	8 51	8 59	18 3		n.a.
M16	6 38	18 48	4 59	5 18	2 33	10 38	1 19	21 9	1 52	24 5	0 19	23 48	0 11	8 39	0 30	2 25	1 59	31 10	15 6	8 51	9 0	18 3		n.a.
T 17	6 14	18 56	4 24	5 48	2 38	11 8	1 23	21 19	1 52	24 5	0 19	23 47	0 11	8 38	0 30	2 26	1 59	31 10	15 7	8 51	9 1	18 2		n.a.
W18	5 51	17 49	3 31	6 18	2 43	11 37	1 26	21 30	1 52	24 5	0 19	23 47	0 11	8 37	0 30	2 27	1 59	31 10	15 7	8 51	9 2	18 2		n.a.
T 19	5 27	15 31	2 24	6 45	2 47	12 7	1 30	21 40	1 51	24 5	0 20	23 47	0 11	8 37	0 30	2 27	1 59	31 9	15 7	8 51	9 4	18 1		n.a.
F 20	5 3	12 12	1 7	7 11	2 51	12 36	1 33	21 50	1 51	24 5	0 20	23 47	0 12	8 36	0 30	2 28	1 59	31 9	15 8	8 50	9 5	18 1		n.a.
S 21	4 40	8 8	0n13	7 35	2 54	13 4	1 36	22 0	1 51	24 5	0 20	23 47	0 12	8 35	0 30	2 29	1 59	31 9	15 8	8 50	9 6	18 0		n.a.
S 22	4 16	3 37	1 32	7 57	2 57	13 33	1 40	22 10	1 51	24 5	0 20	23 47	0 12	8 34	0 30	2 30	1 59	31 8	15 8	8 51	9 7	17 59		n.a.
M23	3 52	1s 0	2 44	8 17	2 58	14 1	1 43	22 19	1 51	24 5	0 20	23 47	0 12	8 34	0 30	2 31	1 59	31 8	15 8	8 51	9 8	17 59		n.a.
T 24	3 28	5 27	3 44	8 34	3 0	14 29	1 46	22 29	1 51	24 5	0 20	23 47	0 12	8 33	0 30	2 32	1 59	31 8	15 9	8 52	9 10	17 58		n.a.
W25	3 3	9 30	4 30	8 49	3 0	14 56	1 49	22 38	1 50	24 5	0 21	23 47	0 12	8 32	0 30	2 33	1 59	31 7	15 9	8 52	9 11	17 58		n.a.
T 26	2 39	12 58	5 0	9 0	3 0	15 23	1 53	22 46	1 50	24 5	0 21	23 46	0 12	8 31	0 30	2 33	1 59	31 7	15 10	8 53	9 12	17 57		n.a.
F 27	2 15	15 43	5 15	9 8	2 58	15 50	1 56	22 55	1 50	24 4	0 21	23 46	0 12	8 30	0 30	2 34	1 59	31 7	15 10	8 54	9 13	17 57		n.a.
S 28	1 51	17 40	5 14	9 12	2 55	16 17	1 59	23 4	1 50	24 4	0 21	23 46	0 12	8 30	0 30	2 35	1 59	31 7	15 10	8 54	9 14	17 56		n.a.
S 29	1 26	18 47	4 59	9 12	2 52	16 43	2 2	23 12	1 50	24 4	0 21	23 46	0 13	8 29	0 30	2 36	1 59	31 6	15 11	8 55	9 16	17 55		n.a.
M30	1n 2	19s 2	4n32	9s 7	2s46	17s 8	2s 5	23s20	1s49	24n 4	0n22	23n46	0n13	8n28	0s30	2s37	1n59	31n 6	15n11	8n54	9n17	17s55		n.a.

Julian Day Number = 1356416.5, Delta T = 07h02m47s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°52'19, Lahiri = -17°45'18 Julian Calendar 1 Sept. 1000 BCE == Greg. Calendar 23 Aug. 1000 BCE

The year -999 astronomical counting style corresponds to year 1000 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1000 BCE
geocentric

OCTOBER 1000 BCE (-999) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 0 17	28♍26'35	20♉ 9	16°R20	11♏33	6♐ 9	5♋12	8♋13	22°R35	11♎ 4	14♌43	7♍28	6♍25	26♉46	n.a.	T 1
W 2	0 4 13	29°27'01	1♒59	16♎ 2	12°43	6°54	5°18	8°16	22♈33	11° 6	14°45	7°30	6°21	26°53	n.a.	W 2
T 3	0 8 10	0♎27'29	13°53	15°35	13°53	7°39	5°23	8°19	22°31	11° 9	14°47	7°32	6°18	27° 0	n.a.	T 3
F 4	0 12 6	1°27'59	25°53	14°58	15° 3	8°24	5°29	8°22	22°28	11°11	14°49	7°33	6°15	27° 6	n.a.	F 4
S 5	0 16 3	2°28'30	8♓ 5	14°10	16°13	9° 8	5°34	8°24	22°26	11°13	14°50	7°R34	6°12	27°13	n.a.	S 5
S 6	0 19 59	3°29'02	20°29	13°14	17°22	9°53	5°39	8°27	22°24	11°15	14°52	7°33	6° 9	27°20	n.a.	S 6
M 7	0 23 56	4°29'37	3♈ 9	12° 9	18°32	10°38	5°44	8°30	22°21	11°18	14°53	7°31	6° 5	27°26	n.a.	M 7
T 8	0 27 52	5°30'12	16° 3	10°57	19°41	11°23	5°49	8°32	22°19	11°20	14°55	7°27	6° 2	27°33	n.a.	T 8
W 9	0 31 49	6°30'50	29°13	9°39	20°50	12° 8	5°53	8°34	22°16	11°22	14°57	7°23	5°59	27°40	n.a.	W 9
T 10	0 35 46	7°31'29	12♉36	8°19	22° 0	12°53	5°58	8°37	22°14	11°24	14°58	7°18	5°56	27°46	n.a.	T 10
F 11	0 39 42	8°32'10	26°11	6°58	23° 9	13°38	6° 2	8°39	22°12	11°27	15° 0	7°13	5°53	27°53	n.a.	F 11
S 12	0 43 39	9°32'53	9♊57	5°39	24°18	14°23	6° 6	8°41	22° 9	11°29	15° 1	7° 9	5°50	28° 0	n.a.	S 12
S 13	0 47 35	10°33'38	23°52	4°26	25°26	15° 8	6°10	8°43	22° 7	11°31	15° 3	7° 6	5°46	28° 6	n.a.	S 13
M14	0 51 32	11°34'25	7♋54	3°19	26°35	15°53	6°14	8°45	22° 4	11°33	15° 4	7°D 5	5°43	28°13	n.a.	M14
T 15	0 55 28	12°35'13	22° 2	2°22	27°44	16°38	6°17	8°46	22° 2	11°36	15° 5	7° 5	5°40	28°20	n.a.	T 15
W16	0 59 25	13°36'03	6♌14	1°35	28°52	17°24	6°21	8°48	21°59	11°38	15° 7	7° 7	5°37	28°26	n.a.	W16
T 17	1 3 21	14°36'55	20°28	1° 0	0♐ 0	18° 9	6°24	8°49	21°57	11°40	15° 8	7° 8	5°34	28°33	n.a.	T 17
F 18	1 7 18	15°37'48	4♍43	0°36	1° 8	18°54	6°27	8°51	21°54	11°42	15° 9	7°R 9	5°31	28°40	n.a.	F 18
S 19	1 11 15	16°38'43	18°55	0°24	2°16	19°40	6°30	8°52	21°52	11°45	15°11	7° 8	5°27	28°46	n.a.	S 19
S 20	1 15 11	17°39'39	3♎ 0	0°D22	3°24	20°25	6°32	8°53	21°49	11°47	15°12	7° 6	5°24	28°53	n.a.	S 20
M21	1 19 8	18°40'37	16°54	0°32	4°32	21°10	6°35	8°54	21°47	11°49	15°13	7° 1	5°21	29° 0	n.a.	M21
T 22	1 23 4	19°41'36	0♏33	0°51	5°39	21°56	6°37	8°55	21°44	11°51	15°14	6°55	5°18	29° 6	n.a.	T 22
W23	1 27 1	20°42'36	13°55	1°20	6°47	22°41	6°39	8°56	21°42	11°54	15°16	6°47	5°15	29°13	n.a.	W23
T 24	1 30 57	21°43'37	26°57	1°56	7°54	23°27	6°41	8°57	21°39	11°56	15°17	6°39	5°11	29°20	n.a.	T 24
F 25	1 34 54	22°44'39	9♐39	2°40	9° 1	24°12	6°42	8°57	21°37	11°58	15°18	6°31	5° 8	29°26	n.a.	F 25
S 26	1 38 50	23°45'42	22° 3	3°30	10° 8	24°58	6°44	8°58	21°34	12° 0	15°19	6°24	5° 5	29°33	n.a.	S 26
S 27	1 42 47	24°46'46	4♉12	4°25	11°14	25°43	6°45	8°58	21°32	12° 2	15°20	6°20	5° 2	29°40	n.a.	S 27
M28	1 46 44	25°47'51	16° 9	5°25	12°21	26°29	6°46	8°58	21°29	12° 5	15°21	6°17	4°59	29°46	n.a.	M28
T 29	1 50 40	26°48'56	27°59	6°30	13°27	27°14	6°47	8°59	21°27	12° 7	15°22	6°D17	4°56	29°53	n.a.	T 29
W30	1 54 37	27°50'03	9♒49	7°38	14°33	28° 0	6°48	8°R59	21°24	12° 9	15°23	6°17	4°52	29°59	n.a.	W30
T 31	1 58 33	28♎51'09	21♒42	8♎50	15♐38	28♐45	6♋48	8♋59	21♈22	12♎11	15♌24	6♍19	4♍49	0♒ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	0n38	18s26	3n53	8s58	2s39	17s33	2s 8	23s28	1s49	24n 4	0n22	23n46	0n13	8n27	0s30	2s38	1n59	31n 6	15n11	8n54	9n18	17s54			n.a.
W 2	0 13	17 2	3 4	8 43	2 31	17 58	2 11	23 35	1 49	24 4	0 22	23 46	0 13	8 26	0 30	2 39	1 59	31 6	15 12	8 53	9 19	17 54			n.a.
T 3	0s11	14 54	2 7	8 23	2 21	18 22	2 14	23 43	1 48	24 4	0 22	23 46	0 13	8 25	0 30	2 40	1 59	31 6	15 12	8 53	9 20	17 53			n.a.
F 4	0 36	12 5	1 4	7 58	2 9	18 46	2 16	23 50	1 48	24 4	0 22	23 46	0 13	8 25	0 30	2 41	1 59	31 5	15 13	8 52	9 21	17 52			n.a.
S 5	1 0	8 43	0s 3	7 26	1 55	19 10	2 19	23 56	1 48	24 4	0 23	23 46	0 13	8 24	0 30	2 41	1 59	31 5	15 13	8 52	9 23	17 52			n.a.
S 6	1 24	4 54	1 11	6 50	1 40	19 33	2 22	24 3	1 48	24 4	0 23	23 46	0 13	8 23	0 30	2 42	1 59	31 5	15 13	8 52	9 24	17 51			n.a.
M 7	1 49	0 48	2 16	6 8	1 23	19 55	2 24	24 9	1 47	24 4	0 23	23 46	0 14	8 22	0 30	2 43	1 59	31 5	15 14	8 53	9 25	17 50			n.a.
T 8	2 13	3n24	3 16	5 23	1 4	20 17	2 27	24 16	1 47	24 4	0 23	23 46	0 14	8 21	0 30	2 44	1 59	31 5	15 14	8 54	9 26	17 50			n.a.
W 9	2 38	7 32	4 6	4 34	0 44	20 39	2 29	24 22	1 47	24 4	0 23	23 46	0 14	8 20	0 30	2 45	1 59	31 5	15 15	8 56	9 27	17 49			n.a.
T 10	3 2	11 21	4 44	3 43	0 24	20 59	2 32	24 27	1 46	24 4	0 23	23 45	0 14	8 19	0 30	2 46	1 59	31 5	15 15	8 58	9 29	17 49			n.a.
F 11	3 26	14 38	5 7	2 51	0 3	21 20	2 34	24 33	1 46	24 4	0 24	23 45	0 14	8 18	0 30	2 47	1 59	31 5	15 15	9 0	9 30	17 48			n.a.
S 12	3 50	17 9	5 12	2 1	0n17	21 40	2 36	24 38	1 46	24 4	0 24	23 45	0 14	8 17	0 30	2 48	1 59	31 5	15 16	9 1	9 31	17 47			n.a.
S 13	4 15	18 41	4 59	1 13	0 37	21 59	2 39	24 43	1 45	24 4	0 24	23 45	0 14	8 16	0 30	2 49	1 59	31 5	15 16	9 2	9 32	17 47			n.a.
M14	4 39	19 6	4 28	0 29	0 56	22 18	2 41	24 47	1 45	24 4	0 24	23 45	0 14	8 16	0 30	2 49	1 59	31 5	15 17	9 3	9 33	17 46			n.a.
T 15	5 3	18 20	3 41	0n10	1 13	22 36	2 43	24 52	1 44	24 4	0 24	23 45	0 14	8 15	0 30	2 50	1 59	31 5	15 17	9 3	9 35	17 45			n.a.
W16	5 27	16 25	2 41	0 43	1 29	22 53	2 44	24 56	1 44	24 4	0 25	23 45	0 15	8 14	0 30	2 51	1 59	31 5	15 18	9 2	9 36	17 45			n.a.
T 17	5 51	13 29	1 30	1 10	1 43	23 10	2 46	25 0	1 44	24 4	0 25	23 46	0 15	8 13	0 30	2 52	1 59	31 5	15 18	9 2	9 37	17 44			n.a.
F 18	6 15	9 43	0 13	1 30	1 54	23 26	2 48	25 3	1 43	24 4	0 25	23 46	0 15	8 12	0 30	2 53	1 59	31 5	15 19	9 1	9 38	17 43			n.a.
S 19	6 38	5 26	1n 4	1 44	2 4	23 42	2 49	25 6	1 43	24 4	0 25	23 46	0 15	8 11	0 30	2 54	1 59	31 5	15 19	9 1	9 39	17 43			n.a.
S 20	7 2	0 52	2 16	1 52	2 12	23 57	2 51	25 10	1 42	24 4	0 25	23 46	0 15	8 10	0 30	2 55	1 59	31 5	15 20	9 2	9 40	17 42			n.a.
M21	7 26	3s41	3 19	1 54	2 19	24 12	2 52	25 12	1 42	24 4	0 26	23 46	0 15	8 9	0 30	2 56	1 59	31 5	15 20	9 4	9 42	17 41			n.a.
T 22	7 49	7 57	4 9	1 50	2 23	24 26	2 53	25 15	1 41	24 4	0 26	23 46	0 15	8 8	0 30	2 57	1 59	31 5	15 21	9 7	9 43	17 41			n.a.
W23	8 13	11 44	4 44	1 42	2 26	24 39	2 55	25 17	1 41	24 5	0 26	23 46	0 16	8 7	0 30	2 57	1 59	31 5	15 21	9 10	9 44	17 40			n.a.
T 24	8 36	14 51	5 4	1 29	2 28	24 51	2 56	25 19	1 40	24 5	0 26	23 46	0 16	8 6	0 30	2 58	1 59	31 5	15 22	9 13	9 45	17 39			n.a.
F 25	8 59	17 10	5 8	1 12	2 29	25 3	2 57	25 21	1 40	24 5	0 26	23 46	0 16	8 5	0 30	2 59	1 59	31 5	15 22	9 16	9 46	17 39			n.a.
S 26	9 22	18 38	4 57	0 51	2 28	25 14	2 57	25 22	1 39	24 5	0 27	23 46	0 16	8 4	0 30	3 0	1 59	31 5	15 23	9 18	9 48	17 38			n.a.
S 27	9 45	19 12	4 33	0 28	2 27	25 25	2 58	25 23	1 39	24 5	0 27	23 46	0 16	8 3	0 30	3 1	1 59	31 5	15 23	9 20	9 49	17 37			n.a.
M28	10 7	18 54	3 57	0 1	2 25	25 35	2 59	25 24	1 38	24 5	0 27	23 46	0 16	8 2	0 30	3 2	1 59	31 5	15 24	9 21	9 50	17 37			n.a.
T 29	10 30	17 45	3 12	0s27	2 22	25 44	2 59	25 25	1 38	24 5	0 27	23 46	0 16	8 1	0 30	3 3	1 59	31 6	15 24	9 21	9 51	17 36			n.a.
W30	10 52	15 51	2 18	0 58	2 18	25 52	2 59	25 25	1 37	24 6	0 28	23 47	0 16	8 0	0 30	3 4	1 59	31 6	15 25	9 21	9 52	17 35			n.a.
T 31	11s14	13s16	1n18	1s30	2n14	26s 0	2s59	25s25	1s37	24n 6	0n28	23n47	0n17	7n59	0s30	3s 4	1n59	31n 6	15n25	9n20	9n53	17s35			n.a.

Julian Day Number = 1356446.5, Delta T = 07h02m45s
Ecliptic obliquity = 23°48'44, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°52'15, Lahiri = -17°45'14 Julian Calendar 1 Oct. 1000 BCE == Greg. Calendar 22 Sept. 1000 BCE

The year -999 astronomical counting style corresponds to year 1000 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1000 BCE
geocentric

NOVEMBER 1000 BCE (-999) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 2 30	29♎52'17	3♓44	10♎ 4	16♐44	29♐31	6♋49	8°R58	21°R19	12♎13	15♌25	6°R20	4♍46	0♒13	n.a.	F 1
S 2	2 6 26	0♏53'25	16° 0	11°21	17°49	0♑17	6°R49	8♋58	21♈17	12°16	15°26	6♍19	4°43	0°20	n.a.	S 2
S 3	2 10 23	1°54'33	28°33	12°39	18°54	1° 2	6°49	8°58	21°14	12°18	15°27	6°16	4°40	0°27	n.a.	S 3
M 4	2 14 19	2°55'43	11♈27	14° 0	19°59	1°48	6°48	8°57	21°12	12°20	15°27	6°11	4°37	0°33	n.a.	M 4
T 5	2 18 16	3°56'52	24°41	15°22	21° 3	2°33	6°48	8°57	21° 9	12°22	15°28	6° 4	4°33	0°40	n.a.	T 5
W 6	2 22 13	4°58'03	8♉15	16°45	22° 7	3°19	6°47	8°56	21° 7	12°24	15°29	5°55	4°30	0°47	n.a.	W 6
T 7	2 26 9	5°59'14	22° 6	18°10	23°11	4° 5	6°46	8°55	21° 4	12°26	15°30	5°44	4°27	0°53	n.a.	T 7
F 8	2 30 6	7° 0'26	6♊11	19°35	24°14	4°50	6°45	8°54	21° 2	12°28	15°30	5°34	4°24	1° 0	n.a.	F 8
S 9	2 34 2	8° 1'39	20°23	21° 2	25°18	5°36	6°44	8°53	20°59	12°30	15°31	5°25	4°21	1° 7	n.a.	S 9
S 10	2 37 59	9° 2'53	4♋38	22°29	26°20	6°21	6°43	8°52	20°57	12°33	15°32	5°18	4°17	1°13	n.a.	S 10
M11	2 41 55	10° 4'07	18°52	23°56	27°23	7° 7	6°41	8°50	20°55	12°35	15°32	5°13	4°14	1°20	n.a.	M11
T 12	2 45 52	11° 5'22	3♌ 3	25°25	28°25	7°53	6°39	8°49	20°52	12°37	15°33	5°11	4°11	1°27	n.a.	T 12
W13	2 49 48	12° 6'38	17° 8	26°54	29°27	8°38	6°37	8°48	20°50	12°39	15°33	5°D11	4° 8	1°33	n.a.	W13
T 14	2 53 45	13° 7'54	1♍ 6	28°23	0♑28	9°24	6°35	8°46	20°48	12°41	15°34	5°R11	4° 5	1°40	n.a.	T 14
F 15	2 57 42	14° 9'11	14°59	29°53	1°29	10°10	6°32	8°44	20°46	12°43	15°34	5°11	4° 2	1°47	n.a.	F 15
S 16	3 1 38	15°10'29	28°44	1♏23	2°30	10°55	6°30	8°42	20°43	12°45	15°34	5° 9	3°58	1°53	n.a.	S 16
S 17	3 5 35	16°11'47	12♎22	2°53	3°30	11°41	6°27	8°40	20°41	12°47	15°35	5° 4	3°55	2° 0	n.a.	S 17
M18	3 9 31	17°13'06	25°50	4°24	4°30	12°27	6°24	8°38	20°39	12°49	15°35	4°56	3°52	2° 7	n.a.	M18
T 19	3 13 28	18°14'25	9♏ 7	5°55	5°29	13°12	6°20	8°36	20°37	12°51	15°35	4°45	3°49	2°13	n.a.	T 19
W20	3 17 24	19°15'44	22°12	7°27	6°28	13°58	6°17	8°34	20°35	12°52	15°36	4°32	3°46	2°20	n.a.	W20
T 21	3 21 21	20°17'03	5♐ 1	8°59	7°27	14°43	6°14	8°32	20°32	12°54	15°36	4°19	3°42	2°27	n.a.	T 21
F 22	3 25 18	21°18'22	17°36	10°31	8°25	15°29	6°10	8°29	20°30	12°56	15°36	4° 5	3°39	2°33	n.a.	F 22
S 23	3 29 14	22°19'41	29°56	12° 3	9°22	16°15	6° 6	8°27	20°28	12°58	15°36	3°54	3°36	2°40	n.a.	S 23
S 24	3 33 11	23°21'00	12♑ 2	13°36	10°19	17° 0	6° 2	8°24	20°26	13° 0	15°36	3°44	3°33	2°47	n.a.	S 24
M25	3 37 7	24°22'19	23°58	15° 9	11°15	17°46	5°57	8°21	20°24	13° 2	15°37	3°38	3°30	2°53	n.a.	M25
T 26	3 41 4	25°23'37	5♒47	16°42	12°11	18°31	5°53	8°19	20°22	13° 4	15°37	3°34	3°27	3° 0	n.a.	T 26
W27	3 45 0	26°24'55	17°35	18°16	13° 6	19°17	5°48	8°16	20°20	13° 5	15°R37	3°33	3°23	3° 7	n.a.	W27
T 28	3 48 57	27°26'12	29°26	19°49	14° 0	20° 2	5°43	8°13	20°19	13° 7	15°37	3°33	3°20	3°13	n.a.	T 28
F 29	3 52 53	28°27'29	11♓26	21°24	14°54	20°48	5°38	8° 9	20°17	13° 9	15°37	3°33	3°17	3°20	n.a.	F 29
S 30	3 56 50	29♏28'45	23♓41	22♏58	15♑47	21♑33	5♋33	8♋ 6	20♈15	13♎11	15♌37	3♍31	3♍14	3♒27	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s36	10s 5	0n14	2s 4	2n 9	26s 7	2s59	25s25	1s36	24n 6	0n28	23n47	0n17	7n59	0s30	3s 5	1n59	31n 6	15n26	9n20	9n55	17s34		n.a.
S 2	11 58	6 24	0s52	2 39	2 4	26 13	2 59	25 25	1 36	24 6	0 28	23 47	0 17	7 58	0 30	3 6	1 59	31 6	15 26	9 20	9 56	17 33		n.a.
S 3	12 19	2 22	1 56	3 16	1 59	26 19	2 59	25 24	1 35	24 6	0 28	23 47	0 17	7 57	0 30	3 7	1 59	31 7	15 27	9 21	9 57	17 32		n.a.
M 4	12 41	1n53	2 57	3 53	1 53	26 24	2 59	25 23	1 35	24 7	0 29	23 47	0 17	7 56	0 30	3 8	1 59	31 7	15 27	9 23	9 58	17 32		n.a.
T 5	13 2	6 10	3 49	4 30	1 47	26 28	2 58	25 21	1 34	24 7	0 29	23 47	0 17	7 55	0 30	3 9	1 59	31 7	15 28	9 26	9 59	17 31		n.a.
W 6	13 23	10 13	4 30	5 8	1 41	26 32	2 58	25 20	1 34	24 7	0 29	23 48	0 17	7 54	0 30	3 9	1 59	31 7	15 28	9 29	10 1	17 30		n.a.
T 7	13 43	13 49	4 55	5 47	1 34	26 34	2 57	25 18	1 33	24 7	0 29	23 48	0 17	7 53	0 30	3 10	1 59	31 8	15 29	9 33	10 2	17 29		n.a.
F 8	14 4	16 41	5 4	6 26	1 27	26 37	2 56	25 16	1 32	24 8	0 29	23 48	0 18	7 52	0 30	3 11	1 59	31 8	15 29	9 37	10 3	17 29		n.a.
S 9	14 24	18 35	4 54	7 5	1 21	26 38	2 55	25 13	1 32	24 8	0 30	23 48	0 18	7 51	0 30	3 12	1 59	31 8	15 30	9 40	10 4	17 28		n.a.
S 10	14 44	19 19	4 25	7 44	1 14	26 39	2 53	25 11	1 31	24 8	0 30	23 48	0 18	7 50	0 30	3 13	1 59	31 9	15 31	9 43	10 5	17 27		n.a.
M11	15 4	18 49	3 41	8 24	1 7	26 39	2 52	25 8	1 31	24 9	0 30	23 49	0 18	7 49	0 30	3 13	1 59	31 9	15 31	9 45	10 6	17 27		n.a.
T 12	15 23	17 9	2 42	9 3	1 0	26 38	2 50	25 4	1 30	24 9	0 30	23 49	0 18	7 49	0 30	3 14	1 59	31 9	15 32	9 45	10 8	17 26		n.a.
W13	15 42	14 27	1 35	9 42	0 53	26 37	2 48	25 1	1 30	24 9	0 31	23 49	0 18	7 48	0 30	3 15	1 59	31 10	15 32	9 45	10 9	17 25		n.a.
T 14	16 1	10 55	0 22	10 21	0 46	26 35	2 46	24 57	1 29	24 10	0 31	23 49	0 18	7 47	0 30	3 16	1 59	31 10	15 33	9 45	10 10	17 24		n.a.
F 15	16 20	6 48	0n52	11 0	0 39	26 32	2 44	24 53	1 28	24 10	0 31	23 50	0 19	7 46	0 30	3 16	1 59	31 10	15 33	9 45	10 11	17 24		n.a.
S 16	16 38	2 22	2 2	11 39	0 31	26 29	2 42	24 49	1 28	24 10	0 31	23 50	0 19	7 45	0 30	3 17	1 59	31 11	15 34	9 46	10 12	17 23		n.a.
S 17	16 56	2s 9	3 4	12 17	0 24	26 25	2 39	24 44	1 27	24 11	0 31	23 50	0 19	7 44	0 30	3 18	1 59	31 11	15 34	9 48	10 13	17 22		n.a.
M18	17 14	6 30	3 55	12 55	0 17	26 20	2 37	24 39	1 26	24 11	0 32	23 50	0 19	7 44	0 30	3 19	1 59	31 12	15 35	9 51	10 15	17 21		n.a.
T 19	17 32	10 28	4 32	13 32	0 10	26 15	2 34	24 34	1 26	24 11	0 32	23 51	0 19	7 43	0 30	3 19	1 59	31 12	15 35	9 55	10 16	17 21		n.a.
W20	17 49	13 52	4 54	14 9	0 3	26 9	2 31	24 29	1 25	24 12	0 32	23 51	0 19	7 42	0 30	3 20	1 59	31 12	15 36	10 0	10 17	17 20		n.a.
T 21	18 6	16 32	5 1	14 46	0s 3	26 3	2 27	24 23	1 25	24 12	0 32	23 51	0 19	7 41	0 30	3 21	1 59	31 13	15 37	10 5	10 18	17 19		n.a.
F 22	18 22	18 22	4 53	15 22	0 10	25 56	2 24	24 17	1 24	24 12	0 33	23 52	0 19	7 40	0 30	3 21	1 59	31 13	15 37	10 10	10 19	17 18		n.a.
S 23	18 38	19 18	4 31	15 57	0 17	25 48	2 20	24 11	1 23	24 13	0 33	23 52	0 20	7 40	0 30	3 22	1 59	31 14	15 38	10 14	10 20	17 17		n.a.
S 24	18 54	19 19	3 57	16 32	0 23	25 40	2 16	24 5	1 23	24 13	0 33	23 52	0 20	7 39	0 30	3 23	1 59	31 14	15 38	10 17	10 22	17 17		n.a.
M25	19 9	18 29	3 13	17 6	0 30	25 31	2 12	23 58	1 22	24 14	0 33	23 52	0 20	7 38	0 30	3 24	1 59	31 15	15 39	10 20	10 23	17 16		n.a.
T 26	19 25	16 50	2 21	17 40	0 36	25 22	2 8	23 51	1 21	24 14	0 33	23 53	0 20	7 37	0 30	3 24	2 0	31 15	15 39	10 21	10 24	17 15		n.a.
W27	19 39	14 29	1 24	18 13	0 42	25 12	2 3	23 44	1 21	24 15	0 34	23 53	0 20	7 37	0 30	3 25	2 0	31 16	15 40	10 22	10 25	17 14		n.a.
T 28	19 54	11 31	0 22	18 45	0 48	25 2	1 59	23 36	1 20	24 15	0 34	23 53	0 20	7 36	0 30	3 26	2 0	31 16	15 40	10 22	10 26	17 13		n.a.
F 29	20 8	8 2	0s42	19 16	0 54	24 51	1 54	23 29	1 19	24 15	0 34	23 54	0 20	7 35	0 30	3 26	2 0	31 17	15 41	10 22	10 27	17 13		n.a.
S 30	20s21	4s 8	1s45	19s46	1s 0	24s40	1s49	23s21	1s19	24n16	0n34	23n54	0n21	7n35	0s30	3s27	2n 0	31n17	15n42	10n22	10n29	17s12		n.a.

Julian Day Number = 1356477.5, Delta T = 07h02m44s
Ecliptic obliquity = 23°48'44, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°52'11, Lahiri = -17°45'10 Julian Calendar 1 Nov. 1000 BCE == Greg. Calendar 23 Oct. 1000 BCE

The year -999 astronomical counting style corresponds to year 1000 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1000 BCE
geocentric

DECEMBER 1000 BCE (-999) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 0 47	0♐30'01	6♈16	24♏33	16♑39	22♑19	5°R28	8°R 3	20°R13	13♎12	15°R36	3°R28	3♍11	3♒33	n.a.	S 1
M 2	4 4 43	1°31'16	19°15	26° 9	17°31	23° 4	5♋23	8♋ 0	20♈11	13°14	15♌36	3♍22	3° 8	3°40	n.a.	M 2
T 3	4 8 40	2°32'31	2♉39	27°45	18°21	23°50	5°17	7°56	20°10	13°15	15°36	3°13	3° 4	3°47	n.a.	T 3
W 4	4 12 36	3°33'45	16°29	29°21	19°11	24°35	5°11	7°53	20° 8	13°17	15°36	3° 2	3° 1	3°53	n.a.	W 4
T 5	4 16 33	4°34'58	0♊43	0♐57	20° 0	25°21	5° 5	7°49	20° 6	13°19	15°36	2°50	2°58	4° 0	n.a.	T 5
F 6	4 20 29	5°36'11	15°13	2°35	20°48	26° 6	4°59	7°45	20° 5	13°20	15°35	2°37	2°55	4° 7	n.a.	F 6
S 7	4 24 26	6°37'24	29°54	4°12	21°36	26°51	4°53	7°42	20° 3	13°22	15°35	2°26	2°52	4°13	n.a.	S 7
S 8	4 28 22	7°38'36	14♋37	5°50	22°22	27°37	4°47	7°38	20° 2	13°23	15°35	2°17	2°48	4°20	n.a.	S 8
M 9	4 32 19	8°39'48	29°15	7°29	23° 7	28°22	4°40	7°34	20° 0	13°25	15°34	2°12	2°45	4°27	n.a.	M 9
T 10	4 36 16	9°40'59	13♌42	9° 8	23°51	29° 7	4°34	7°30	19°59	13°26	15°34	2° 9	2°42	4°33	n.a.	T 10
W11	4 40 12	10°42'10	27°56	10°47	24°35	29°53	4°27	7°26	19°58	13°28	15°34	2°D 8	2°39	4°40	n.a.	W11
T 12	4 44 9	11°43'20	11♍55	12°27	25°17	0♒38	4°20	7°22	19°56	13°29	15°33	2°R 8	2°36	4°47	n.a.	T 12
F 13	4 48 5	12°44'30	25°38	14° 8	25°58	1°23	4°13	7°18	19°55	13°30	15°33	2° 7	2°33	4°53	n.a.	F 13
S 14	4 52 2	13°45'39	9♎ 8	15°49	26°37	2° 8	4° 6	7°14	19°54	13°32	15°32	2° 5	2°29	5° 0	n.a.	S 14
S 15	4 55 58	14°46'48	22°26	17°31	27°16	2°53	3°59	7° 9	19°53	13°33	15°31	2° 0	2°26	5° 7	n.a.	S 15
M16	4 59 55	15°47'56	5♏31	19°13	27°53	3°39	3°52	7° 5	19°52	13°34	15°31	1°52	2°23	5°13	n.a.	M16
T 17	5 3 52	16°49'03	18°25	20°56	28°29	4°24	3°45	7° 1	19°50	13°36	15°30	1°41	2°20	5°20	n.a.	T 17
W18	5 7 48	17°50'10	1♐ 9	22°39	29° 3	5° 9	3°37	6°56	19°49	13°37	15°30	1°29	2°17	5°26	n.a.	W18
T 19	5 11 45	18°51'15	13°41	24°23	29°36	5°54	3°30	6°52	19°48	13°38	15°29	1°15	2°14	5°33	n.a.	T 19
F 20	5 15 41	19°52'20	26° 2	26° 7	0♒ 7	6°39	3°22	6°47	19°48	13°39	15°28	1° 2	2°10	5°40	n.a.	F 20
S 21	5 19 38	20°53'24	8♑12	27°52	0°37	7°24	3°15	6°43	19°47	13°40	15°27	0°50	2° 7	5°46	n.a.	S 21
S 22	5 23 34	21°54'26	20°12	29°37	1° 5	8° 9	3° 7	6°38	19°46	13°42	15°27	0°40	2° 4	5°53	n.a.	S 22
M23	5 27 31	22°55'27	2♒ 5	1♑22	1°32	8°54	2°59	6°33	19°45	13°43	15°26	0°33	2° 1	6° 0	n.a.	M23
T 24	5 31 27	23°56'27	13°52	3° 7	1°56	9°39	2°52	6°29	19°44	13°44	15°25	0°29	1°58	6° 6	n.a.	T 24
W25	5 35 24	24°57'25	25°39	4°53	2°19	10°24	2°44	6°24	19°44	13°45	15°24	0°D28	1°54	6°13	n.a.	W25
T 26	5 39 21	25°58'22	7♓28	6°38	2°40	11° 8	2°36	6°19	19°43	13°46	15°23	0°28	1°51	6°20	n.a.	T 26
F 27	5 43 17	26°59'17	19°26	8°23	2°59	11°53	2°28	6°14	19°42	13°47	15°22	0°29	1°48	6°26	n.a.	F 27
S 28	5 47 14	28° 0'10	1♈38	10° 8	3°16	12°38	2°20	6°10	19°42	13°48	15°21	0°R29	1°45	6°33	n.a.	S 28
S 29	5 51 10	29° 1'02	14° 9	11°52	3°30	13°23	2°12	6° 5	19°41	13°48	15°20	0°27	1°42	6°40	n.a.	S 29
M30	5 55 7	0♑ 1'53	27° 5	13°35	3°43	14° 8	2° 4	6° 0	19°41	13°49	15°19	0°24	1°39	6°46	n.a.	M30
T 31	5 59 3	1♑ 2'41	10♉28	15♑16	3♒53	14♒52	1♋56	5♋55	19♈41	13♎50	15♌18	0♍18	1♍35	6♒53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	20s34	0n 1	2s44	20s16	1s 6	24s28	1s43	23s13	1s18	24n16	0n34	23n54	0n21	7n34	0s30	3s27	2n 0	31n18	15n42	10n23	10n30	17s11			n.a.
M 2	20 47	4 19	3 37	20 44	1 11	24 15	1 38	23 4	1 17	24 17	0 35	23 55	0 21	7 33	0 30	3 28	2 0	31 18	15 43	10 26	10 31	17 10			n.a.
T 3	21 0	8 32	4 19	21 12	1 16	24 3	1 32	22 56	1 17	24 17	0 35	23 55	0 21	7 33	0 29	3 29	2 0	31 19	15 43	10 29	10 32	17 9			n.a.
W 4	21 12	12 26	4 48	21 39	1 21	23 50	1 26	22 47	1 16	24 18	0 35	23 55	0 21	7 32	0 29	3 29	2 0	31 20	15 44	10 33	10 33	17 9			n.a.
T 5	21 23	15 43	5 0	22 4	1 26	23 36	1 19	22 38	1 15	24 18	0 35	23 56	0 21	7 31	0 29	3 30	2 0	31 20	15 44	10 37	10 34	17 8			n.a.
F 6	21 34	18 7	4 53	22 29	1 30	23 22	1 13	22 29	1 14	24 18	0 35	23 56	0 21	7 31	0 29	3 30	2 0	31 21	15 45	10 42	10 36	17 7			n.a.
S 7	21 45	19 22	4 27	22 52	1 35	23 8	1 6	22 19	1 14	24 19	0 36	23 56	0 21	7 30	0 29	3 31	2 0	31 21	15 45	10 46	10 37	17 6			n.a.
S 8	21 55	19 18	3 43	23 14	1 39	22 53	0 59	22 9	1 13	24 19	0 36	23 57	0 22	7 30	0 29	3 31	2 0	31 22	15 46	10 49	10 38	17 5			n.a.
M 9	22 5	17 57	2 44	23 35	1 43	22 38	0 51	21 59	1 12	24 20	0 36	23 57	0 22	7 29	0 29	3 32	2 0	31 23	15 46	10 51	10 39	17 4			n.a.
T 10	22 15	15 26	1 36	23 55	1 46	22 23	0 44	21 49	1 12	24 20	0 36	23 58	0 22	7 29	0 29	3 33	2 0	31 23	15 47	10 52	10 40	17 4			n.a.
W11	22 24	12 2	0 22	24 13	1 49	22 8	0 36	21 39	1 11	24 21	0 36	23 58	0 22	7 28	0 29	3 33	2 0	31 24	15 47	10 53	10 41	17 3			n.a.
T 12	22 33	8 0	0n52	24 30	1 52	21 52	0 28	21 28	1 10	24 21	0 37	23 58	0 22	7 28	0 29	3 34	2 0	31 25	15 48	10 53	10 43	17 2			n.a.
F 13	22 41	3 36	2 1	24 45	1 55	21 36	0 19	21 17	1 9	24 21	0 37	23 59	0 22	7 27	0 29	3 34	2 0	31 25	15 49	10 53	10 44	17 1			n.a.
S 14	22 48	0s53	3 3	24 59	1 57	21 20	0 11	21 6	1 9	24 22	0 37	23 59	0 22	7 27	0 29	3 34	2 0	31 26	15 49	10 54	10 45	17 0			n.a.
S 15	22 56	5 16	3 53	25 11	1 59	21 4	0 2	20 55	1 8	24 22	0 37	23 59	0 22	7 26	0 29	3 35	2 1	31 26	15 50	10 56	10 46	16 59			n.a.
M16	23 2	9 19	4 30	25 22	2 0	20 47	0n 7	20 44	1 7	24 23	0 37	24 0	0 23	7 26	0 29	3 35	2 1	31 27	15 50	10 58	10 47	16 59			n.a.
T 17	23 9	12 53	4 53	25 31	2 1	20 31	0 17	20 32	1 7	24 23	0 38	24 0	0 23	7 26	0 29	3 36	2 1	31 28	15 51	11 2	10 48	16 58			n.a.
W18	23 15	15 48	5 1	25 38	2 2	20 14	0 27	20 20	1 6	24 23	0 38	24 0	0 23	7 25	0 29	3 36	2 1	31 29	15 51	11 7	10 49	16 57			n.a.
T 19	23 20	17 56	4 54	25 43	2 2	19 57	0 37	20 8	1 5	24 24	0 38	24 1	0 23	7 25	0 29	3 37	2 1	31 29	15 52	11 12	10 51	16 56			n.a.
F 20	23 25	19 12	4 33	25 47	2 1	19 40	0 47	19 56	1 4	24 24	0 38	24 1	0 23	7 25	0 29	3 37	2 1	31 30	15 52	11 17	10 52	16 55			n.a.
S 21	23 30	19 33	4 0	25 48	2 1	19 24	0 58	19 44	1 4	24 25	0 38	24 2	0 23	7 24	0 29	3 37	2 1	31 31	15 52	11 21	10 53	16 54			n.a.
S 22	23 34	19 1	3 17	25 48	1 59	19 7	1 9	19 31	1 3	24 25	0 38	24 2	0 23	7 24	0 29	3 38	2 1	31 31	15 53	11 24	10 54	16 53			n.a.
M23	23 37	17 39	2 25	25 45	1 57	18 50	1 20	19 19	1 2	24 25	0 39	24 2	0 23	7 24	0 29	3 38	2 1	31 32	15 53	11 27	10 55	16 52			n.a.
T 24	23 40	15 32	1 27	25 41	1 55	18 33	1 31	19 6	1 2	24 26	0 39	24 3	0 24	7 24	0 29	3 39	2 1	31 33	15 54	11 28	10 56	16 52			n.a.
W25	23 43	12 46	0 26	25 35	1 51	18 17	1 43	18 53	1 1	24 26	0 39	24 3	0 24	7 23	0 29	3 39	2 1	31 33	15 54	11 29	10 58	16 51			n.a.
T 26	23 45	9 29	0s37	25 26	1 48	18 0	1 55	18 40	1 0	24 26	0 39	24 3	0 24	7 23	0 29	3 39	2 1	31 34	15 55	11 29	10 59	16 50			n.a.
F 27	23 47	5 46	1 40	25 15	1 43	17 44	2 7	18 26	0 59	24 27	0 39	24 4	0 24	7 23	0 29	3 40	2 1	31 35	15 55	11 29	11 0	16 49			n.a.
S 28	23 48	1 46	2 39	25 3	1 38	17 28	2 20	18 13	0 59	24 27	0 39	24 4	0 24	7 23	0 29	3 40	2 1	31 36	15 56	11 28	11 1	16 48			n.a.
S 29	23 48	2n25	3 32	24 48	1 32	17 12	2 33	17 59	0 58	24 27	0 40	24 4	0 24	7 23	0 29	3 40	2 1	31 36	15 56	11 29	11 2	16 47			n.a.
M30	23 49	6 37	4 16	24 31	1 25	16 56	2 46	17 45	0 57	24 27	0 40	24 5	0 24	7 22	0 29	3 40	2 1	31 37	15 57	11 30	11 3	16 46			n.a.
T 31	23s48	10n38	4s48	24s13	1s18	16s41	2n59	17s31	0s56	24n28	0n40	24n 5	0n24	7n22	0s29	3s41	2n 2	31n38	15n57	11n32	11n 4	16s45			n.a.

Julian Day Number = 1356507.5, Delta T = 07h02m42s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°52'07, Lahiri = -17°45'06 Julian Calendar 1 Dec. 1000 BCE == Greg. Calendar 22 Nov. 1000 BCE

The year -999 astronomical counting style corresponds to year 1000 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 999 BCE
geocentric

JANUARY 999 BCE (-998) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 3 0	2♑ 3'28	24♉20	16♑56	4♒ 1	15♒37	1°R48	5°R50	19°R40	13♎51	15°R17	0°R11	1♍32	7♒ 0	n.a.	W 1
T 2	6 6 56	3° 4'14	8♊40	18°34	4° 7	16°21	1♋40	5♋45	19♈40	13°52	15♌16	0♍ 1	1°29	7° 6	n.a.	T 2
F 3	6 10 53	4° 4'57	23°23	20°10	4°10	17° 6	1°32	5°41	19°40	13°52	15°15	29♌52	1°26	7°13	n.a.	F 3
S 4	6 14 50	5° 5'40	8♋22	21°42	4°R10	17°51	1°24	5°36	19°40	13°53	15°14	29°44	1°23	7°20	n.a.	S 4
S 5	6 18 46	6° 6'20	23°28	23°11	4° 9	18°35	1°16	5°31	19°40	13°54	15°13	29°37	1°20	7°26	n.a.	S 5
M 6	6 22 43	7° 6'59	8♌31	24°35	4° 4	19°19	1° 8	5°26	19°40	13°54	15°12	29°33	1°16	7°33	n.a.	M 6
T 7	6 26 39	8° 7'37	23°21	25°55	3°57	20° 4	1° 1	5°21	19°D40	13°55	15°11	29°D31	1°13	7°40	n.a.	T 7
W 8	6 30 36	9° 8'13	7♍54	27° 9	3°48	20°48	0°53	5°16	19°40	13°56	15° 9	29°31	1°10	7°46	n.a.	W 8
T 9	6 34 32	10° 8'48	22° 6	28°16	3°36	21°33	0°45	5°11	19°40	13°56	15° 8	29°32	1° 7	7°53	n.a.	T 9
F 10	6 38 29	11° 9'22	5♎56	29°17	3°22	22°17	0°37	5° 7	19°40	13°57	15° 7	29°R33	1° 4	8° 0	n.a.	F 10
S 11	6 42 26	12° 9'54	19°25	0♒10	3° 5	23° 1	0°29	5° 2	19°40	13°57	15° 6	29°33	1° 0	8° 6	n.a.	S 11
S 12	6 46 22	13°10'24	2♏35	0°54	2°45	23°45	0°22	4°57	19°40	13°58	15° 4	29°31	0°57	8°13	n.a.	S 12
M13	6 50 19	14°10'53	15°28	1°29	2°24	24°30	0°14	4°52	19°41	13°58	15° 3	29°27	0°54	8°20	n.a.	M13
T 14	6 54 15	15°11'21	28° 6	1°55	2° 0	25°14	0° 7	4°47	19°41	13°58	15° 2	29°21	0°51	8°26	n.a.	T 14
W15	6 58 12	16°11'47	10♐32	2°11	1°34	25°58	29♊59	4°43	19°41	13°59	15° 0	29°14	0°48	8°33	n.a.	W15
T 16	7 2 8	17°12'11	22°48	2°R18	1° 6	26°42	29°52	4°38	19°42	13°59	14°59	29° 5	0°45	8°40	n.a.	T 16
F 17	7 6 5	18°12'34	4♑55	2°14	0°36	27°26	29°45	4°33	19°42	13°59	14°57	28°57	0°41	8°46	n.a.	F 17
S 18	7 10 1	19°12'55	16°54	2° 0	0° 4	28°10	29°37	4°29	19°43	13°59	14°56	28°50	0°38	8°53	n.a.	S 18
S 19	7 13 58	20°13'14	28°48	1°36	29♑31	28°54	29°30	4°24	19°44	14° 0	14°55	28°45	0°35	9° 0	n.a.	S 19
M20	7 17 55	21°13'30	10♒37	1° 4	28°56	29°38	29°23	4°19	19°44	14° 0	14°53	28°41	0°32	9° 6	n.a.	M20
T 21	7 21 51	22°13'45	22°23	0°23	28°20	0♓22	29°17	4°15	19°45	14° 0	14°52	28°39	0°29	9°13	n.a.	T 21
W22	7 25 48	23°13'58	4♓11	29♑36	27°44	1° 5	29°10	4°10	19°46	14° 0	14°50	28°D39	0°26	9°20	n.a.	W22
T 23	7 29 44	24°14'09	16° 2	28°43	27° 6	1°49	29° 3	4° 6	19°47	14° 0	14°49	28°40	0°22	9°26	n.a.	T 23
F 24	7 33 41	25°14'17	28° 1	27°45	26°29	2°33	28°57	4° 2	19°48	14°R 0	14°47	28°42	0°19	9°33	n.a.	F 24
S 25	7 37 37	26°14'23	10♈13	26°44	25°51	3°17	28°50	3°57	19°49	14° 0	14°46	28°44	0°16	9°40	n.a.	S 25
S 26	7 41 34	27°14'27	22°41	25°42	25°13	4° 0	28°44	3°53	19°50	14° 0	14°44	28°R45	0°13	9°46	n.a.	S 26
M27	7 45 30	28°14'29	5♉32	24°40	24°36	4°44	28°38	3°49	19°51	14° 0	14°43	28°44	0°10	9°53	n.a.	M27
T 28	7 49 27	29°14'28	18°47	23°39	23°59	5°28	28°32	3°45	19°52	14° 0	14°41	28°43	0° 6	9°59	n.a.	T 28
W29	7 53 23	0♒14'25	2♊31	22°41	23°23	6°11	28°26	3°41	19°53	14° 0	14°40	28°40	0° 3	10° 6	n.a.	W29
T 30	7 57 20	1°14'20	16°43	21°46	22°48	6°55	28°20	3°37	19°54	14° 0	14°38	28°37	0° 0	10°13	n.a.	T 30
F 31	8 1 17	2♒14'12	1♋22	20♑57	22♑15	7♓38	28♊15	3♋33	19♈55	13♎59	14♌36	28♌33	29♌57	10♒19	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s48	14n14	5s 4	23s52	1s 9	16s26	3n12	17s17	0s56	24n28	0n40	24n 5	0n24	7n22	0s29	3s41	2n 2	31n39	15n57	11n35	11n 6	16s44		n.a.
T 2	23 47	17 7	5 2	23 30	1 0	16 12	3 26	17 3	0 55	24 28	0 40	24 6	0 25	7 22	0 29	3 41	2 2	31 39	15 58	11 38	11 7	16 44		n.a.
F 3	23 45	18 59	4 40	23 6	0 50	15 57	3 40	16 49	0 54	24 28	0 40	24 6	0 25	7 22	0 29	3 41	2 2	31 40	15 58	11 42	11 8	16 43		n.a.
S 4	23 43	19 34	3 59	22 41	0 39	15 44	3 54	16 34	0 53	24 29	0 40	24 6	0 25	7 22	0 29	3 42	2 2	31 41	15 59	11 45	11 9	16 42		n.a.
S 5	23 40	18 46	3 1	22 14	0 28	15 30	4 8	16 19	0 53	24 29	0 41	24 7	0 25	7 22	0 28	3 42	2 2	31 41	15 59	11 47	11 10	16 41		n.a.
M 6	23 37	16 38	1 51	21 47	0 15	15 18	4 22	16 5	0 52	24 29	0 41	24 7	0 25	7 22	0 28	3 42	2 2	31 42	15 59	11 48	11 11	16 40		n.a.
T 7	23 33	13 25	0 33	21 19	0 2	15 6	4 36	15 50	0 51	24 29	0 41	24 7	0 25	7 22	0 28	3 42	2 2	31 43	16 0	11 49	11 13	16 39		n.a.
W 8	23 29	9 26	0n45	20 51	0n12	14 54	4 50	15 35	0 50	24 29	0 41	24 8	0 25	7 22	0 28	3 42	2 2	31 44	16 0	11 49	11 14	16 38		n.a.
T 9	23 25	5 0	1 59	20 23	0 27	14 43	5 4	15 20	0 50	24 30	0 41	24 8	0 25	7 22	0 28	3 43	2 2	31 44	16 1	11 49	11 15	16 37		n.a.
F 10	23 20	0 25	3 4	19 55	0 43	14 33	5 18	15 4	0 49	24 30	0 41	24 8	0 25	7 22	0 28	3 43	2 2	31 45	16 1	11 48	11 16	16 36		n.a.
S 11	23 15	4s 4	3 57	19 29	0 59	14 23	5 32	14 49	0 48	24 30	0 41	24 8	0 26	7 22	0 28	3 43	2 2	31 46	16 1	11 48	11 17	16 35		n.a.
S 12	23 9	8 15	4 36	19 3	1 15	14 14	5 46	14 33	0 48	24 30	0 41	24 9	0 26	7 23	0 28	3 43	2 2	31 47	16 2	11 49	11 18	16 34		n.a.
M13	23 3	11 57	5 0	18 39	1 32	14 6	6 0	14 18	0 47	24 30	0 41	24 9	0 26	7 23	0 28	3 43	2 2	31 47	16 2	11 51	11 19	16 33		n.a.
T 14	22 56	15 2	5 9	18 17	1 48	13 58	6 13	14 2	0 46	24 30	0 42	24 9	0 26	7 23	0 28	3 43	2 2	31 48	16 2	11 53	11 21	16 32		n.a.
W15	22 49	17 23	5 3	17 57	2 5	13 51	6 25	13 46	0 45	24 30	0 42	24 10	0 26	7 23	0 28	3 43	2 3	31 49	16 3	11 55	11 22	16 31		n.a.
T 16	22 41	18 54	4 43	17 40	2 21	13 45	6 38	13 30	0 45	24 30	0 42	24 10	0 26	7 23	0 28	3 43	2 3	31 50	16 3	11 58	11 23	16 30		n.a.
F 17	22 33	19 33	4 11	17 26	2 37	13 40	6 50	13 14	0 44	24 31	0 42	24 10	0 26	7 24	0 28	3 43	2 3	31 50	16 3	12 1	11 24	16 29		n.a.
S 18	22 25	19 18	3 27	17 14	2 51	13 36	7 1	12 58	0 43	24 31	0 42	24 10	0 26	7 24	0 28	3 43	2 3	31 51	16 3	12 4	11 25	16 28		n.a.
S 19	22 16	18 11	2 35	17 6	3 5	13 32	7 11	12 42	0 42	24 31	0 42	24 11	0 26	7 24	0 28	3 43	2 3	31 52	16 4	12 6	11 26	16 28		n.a.
M20	22 6	16 18	1 37	17 1	3 18	13 29	7 21	12 26	0 42	24 31	0 42	24 11	0 26	7 24	0 28	3 43	2 3	31 53	16 4	12 7	11 27	16 27		n.a.
T 21	21 57	13 44	0 34	16 59	3 29	13 27	7 31	12 9	0 41	24 31	0 42	24 11	0 27	7 25	0 28	3 43	2 3	31 53	16 4	12 7	11 29	16 26		n.a.
W22	21 47	10 36	0s30	17 0	3 38	13 26	7 39	11 53	0 40	24 31	0 42	24 11	0 27	7 25	0 28	3 43	2 3	31 54	16 5	12 7	11 30	16 25		n.a.
T 23	21 36	7 2	1 34	17 4	3 45	13 26	7 47	11 36	0 39	24 31	0 42	24 12	0 27	7 25	0 28	3 43	2 3	31 55	16 5	12 7	11 31	16 24		n.a.
F 24	21 25	3 9	2 34	17 11	3 50	13 26	7 53	11 20	0 39	24 31	0 42	24 12	0 27	7 26	0 28	3 43	2 3	31 55	16 5	12 6	11 32	16 23		n.a.
S 25	21 14	0n55	3 28	17 20	3 53	13 27	7 59	11 3	0 38	24 31	0 42	24 12	0 27	7 26	0 28	3 43	2 3	31 56	16 5	12 6	11 33	16 22		n.a.
S 26	21 2	5 2	4 14	17 30	3 54	13 29	8 4	10 46	0 37	24 31	0 43	24 12	0 27	7 27	0 28	3 43	2 3	31 57	16 5	12 6	11 34	16 21		n.a.
M27	20 50	9 2	4 49	17 43	3 52	13 32	8 8	10 29	0 37	24 31	0 43	24 12	0 27	7 27	0 28	3 43	2 3	31 57	16 6	12 6	11 35	16 20		n.a.
T 28	20 38	12 43	5 9	17 57	3 49	13 35	8 11	10 12	0 36	24 31	0 43	24 13	0 27	7 27	0 28	3 43	2 3	31 58	16 6	12 6	11 36	16 19		n.a.
W29	20 25	15 52	5 13	18 12	3 44	13 39	8 14	9 55	0 35	24 31	0 43	24 13	0 27	7 28	0 28	3 43	2 4	31 59	16 6	12 7	11 38	16 18		n.a.
T 30	20 12	18 11	4 59	18 27	3 37	13 43	8 15	9 38	0 34	24 31	0 43	24 13	0 27	7 28	0 28	3 43	2 4	32 0	16 6	12 8	11 39	16 17		n.a.
F 31	19s58	19n24	4s24	18s43	3n28	13s48	8n15	9s21	0s34	24n31	0n43	24n13	0n27	7n29	0s28	3s42	2n 4	32n 0	16n 6	12n10	11n40	16s16		n.a.

Julian Day Number = 1356538.5, Delta T = 07h02m41s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°52'02, Lahiri = -17°45'02 Julian Calendar 1 Jan. 999 BCE == Greg. Calendar 23 Dec. 1000 BCE

The year -998 astronomical counting style corresponds to year 999 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 999 BCE
geocentric

FEBRUARY 999 BCE (-998) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 5 13	3♒14'02	16♋21	20°R12	21°R43	8♓21	28°R 9	3°R29	19♈57	13°R59	14°R35	28°R29	29♌54	10♒26	n.a.	S 1
S 2	8 9 10	4°13'50	1♌33	19♉34	21♉12	9° 5	28♊ 4	3♋25	19°58	13♎59	14♌33	28♌27	29°51	10°33	n.a.	S 2
M 3	8 13 6	5°13'36	16°48	19° 2	20°44	9°48	27°59	3°21	19°59	13°59	14°32	28°25	29°47	10°39	n.a.	M 3
T 4	8 17 3	6°13'20	1♍56	18°36	20°17	10°31	27°54	3°17	20° 1	13°58	14°30	28°D25	29°44	10°46	n.a.	T 4
W 5	8 20 59	7°13'01	16°47	18°17	19°53	11°14	27°49	3°14	20° 2	13°58	14°29	28°25	29°41	10°53	n.a.	W 5
T 6	8 24 56	8°12'41	1♎17	18° 5	19°31	11°58	27°44	3°10	20° 4	13°57	14°27	28°27	29°38	10°59	n.a.	T 6
F 7	8 28 52	9°12'19	15°21	17°58	19°12	12°41	27°40	3° 7	20° 5	13°57	14°25	28°28	29°35	11° 6	n.a.	F 7
S 8	8 32 49	10°11'54	28°59	17°D58	18°54	13°24	27°36	3° 3	20° 7	13°56	14°24	28°29	29°32	11°13	n.a.	S 8
S 9	8 36 46	11°11'29	12♏12	18° 4	18°40	14° 7	27°32	3° 0	20° 9	13°56	14°22	28°R29	29°28	11°19	n.a.	S 9
M10	8 40 42	12°11'01	25° 4	18°15	18°27	14°50	27°28	2°57	20°10	13°55	14°20	28°29	29°25	11°26	n.a.	M10
T 11	8 44 39	13°10'31	7♐36	18°32	18°17	15°33	27°24	2°54	20°12	13°55	14°19	28°28	29°22	11°33	n.a.	T 11
W12	8 48 35	14°10'00	19°54	18°54	18°10	16°16	27°20	2°51	20°14	13°54	14°17	28°26	29°19	11°39	n.a.	W12
T 13	8 52 32	15° 9'26	1♑59	19°21	18° 5	16°59	27°17	2°48	20°16	13°54	14°16	28°24	29°16	11°46	n.a.	T 13
F 14	8 56 28	16° 8'51	13°56	19°52	18°D 3	17°41	27°14	2°45	20°18	13°53	14°14	28°22	29°12	11°53	n.a.	F 14
S 15	9 0 25	17° 8'13	25°48	20°28	18° 3	18°24	27°10	2°42	20°20	13°52	14°12	28°20	29° 9	11°59	n.a.	S 15
S 16	9 4 21	18° 7'34	7♒36	21° 8	18° 5	19° 7	27° 8	2°39	20°22	13°52	14°11	28°19	29° 6	12° 6	n.a.	S 16
M17	9 8 18	19° 6'52	19°23	21°51	18°10	19°50	27° 5	2°37	20°24	13°51	14° 9	28°18	29° 3	12°13	n.a.	M17
T 18	9 12 14	20° 6'08	1♓12	22°38	18°17	20°32	27° 2	2°34	20°26	13°50	14° 7	28°D18	29° 0	12°19	n.a.	T 18
W19	9 16 11	21° 5'21	13° 4	23°28	18°26	21°15	27° 0	2°32	20°28	13°49	14° 6	28°19	28°57	12°26	n.a.	W19
T 20	9 20 8	22° 4'33	25° 2	24°22	18°37	21°57	26°58	2°29	20°30	13°49	14° 4	28°19	28°53	12°33	n.a.	T 20
F 21	9 24 4	23° 3'42	7♈ 8	25°18	18°51	22°40	26°56	2°27	20°32	13°48	14° 3	28°20	28°50	12°39	n.a.	F 21
S 22	9 28 1	24° 2'49	19°26	26°18	19° 6	23°22	26°54	2°25	20°34	13°47	14° 1	28°20	28°47	12°46	n.a.	S 22
S 23	9 31 57	25° 1'53	1♉59	27°20	19°24	24° 5	26°53	2°23	20°37	13°46	13°59	28°21	28°44	12°52	n.a.	S 23
M24	9 35 54	26° 0'55	14°49	28°24	19°43	24°47	26°51	2°21	20°39	13°45	13°58	28°21	28°41	12°59	n.a.	M24
T 25	9 39 50	26°59'54	28° 0	29°32	20° 4	25°30	26°50	2°19	20°41	13°44	13°56	28°R21	28°37	13° 6	n.a.	T 25
W26	9 43 47	27°58'51	11♊35	0♒41	20°27	26°12	26°49	2°18	20°44	13°43	13°55	28°D21	28°34	13°12	n.a.	W26
T 27	9 47 43	28°57'46	25°34	1°53	20°52	26°54	26°48	2°16	20°46	13°42	13°53	28°21	28°31	13°19	n.a.	T 27
F 28	9 51 40	29♒56'38	9♋58	3♒ 6	21♉18	27♓36	26♊48	2♋15	20♈49	13♎41	13♌52	28♌21	28♌28	13♒26	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s44	19n18	3s31	19s 0	3n18	13s53	8n14	9s 4	0s33	24n31	0n43	24n13	0n27	7n29	0s28	3s42	2n 4	32n 1	16n 7	12n11	11n41	16s15		n.a.
S 2	19 30	17 48	2 23	19 16	3 7	13 59	8 13	8 47	0 32	24 31	0 43	24 14	0 28	7 30	0 28	3 42	2 4	32 2	16 7	12 12	11 42	16 14		n.a.
M 3	19 15	15 2	1 4	19 33	2 55	14 6	8 11	8 30	0 31	24 31	0 43	24 14	0 28	7 31	0 28	3 42	2 4	32 2	16 7	12 12	11 43	16 13		n.a.
T 4	19 1	11 15	0n19	19 48	2 43	14 13	8 8	8 13	0 31	24 31	0 43	24 14	0 28	7 31	0 28	3 42	2 4	32 3	16 7	12 13	11 44	16 12		n.a.
W 5	18 45	6 49	1 40	20 4	2 30	14 20	8 4	7 55	0 30	24 31	0 43	24 14	0 28	7 32	0 28	3 41	2 4	32 3	16 7	12 12	11 46	16 11		n.a.
T 6	18 30	2 6	2 52	20 19	2 16	14 27	8 0	7 38	0 29	24 31	0 43	24 14	0 28	7 32	0 27	3 41	2 4	32 4	16 7	12 12	11 47	16 10		n.a.
F 7	18 14	2s35	3 51	20 33	2 3	14 35	7 55	7 21	0 29	24 31	0 43	24 14	0 28	7 33	0 27	3 41	2 4	32 5	16 7	12 11	11 48	16 9		n.a.
S 8	17 58	7 0	4 36	20 47	1 49	14 43	7 49	7 3	0 28	24 31	0 43	24 15	0 28	7 34	0 27	3 41	2 4	32 5	16 8	12 11	11 49	16 7		n.a.
S 9	17 41	10 55	5 4	21 0	1 35	14 51	7 43	6 46	0 27	24 30	0 43	24 15	0 28	7 34	0 27	3 41	2 4	32 6	16 8	12 11	11 50	16 6		n.a.
M10	17 24	14 13	5 16	21 12	1 22	14 59	7 36	6 28	0 26	24 30	0 43	24 15	0 28	7 35	0 27	3 40	2 4	32 7	16 8	12 11	11 51	16 5		n.a.
T 11	17 7	16 47	5 13	21 23	1 8	15 8	7 29	6 11	0 26	24 30	0 43	24 15	0 28	7 36	0 27	3 40	2 4	32 7	16 8	12 11	11 52	16 4		n.a.
W12	16 50	18 31	4 55	21 33	0 55	15 16	7 21	5 53	0 25	24 30	0 43	24 15	0 28	7 36	0 27	3 40	2 4	32 8	16 8	12 12	11 53	16 3		n.a.
T 13	16 32	19 24	4 24	21 42	0 42	15 25	7 13	5 36	0 24	24 30	0 43	24 15	0 28	7 37	0 27	3 39	2 4	32 8	16 8	12 13	11 55	16 2		n.a.
F 14	16 15	19 23	3 42	21 50	0 30	15 33	7 5	5 18	0 24	24 30	0 43	24 15	0 28	7 38	0 27	3 39	2 5	32 9	16 8	12 14	11 56	16 1		n.a.
S 15	15 56	18 31	2 51	21 56	0 17	15 42	6 56	5 0	0 23	24 30	0 43	24 16	0 28	7 39	0 27	3 39	2 5	32 9	16 8	12 14	11 57	16 0		n.a.
S 16	15 38	16 51	1 52	22 2	0 5	15 50	6 48	4 43	0 22	24 30	0 43	24 16	0 29	7 39	0 27	3 38	2 5	32 10	16 8	12 15	11 58	15 59		n.a.
M17	15 19	14 27	0 49	22 6	0s 6	15 58	6 39	4 25	0 22	24 30	0 43	24 16	0 29	7 40	0 27	3 38	2 5	32 10	16 8	12 15	11 59	15 58		n.a.
T 18	15 1	11 28	0s16	22 10	0 17	16 7	6 29	4 7	0 21	24 30	0 43	24 16	0 29	7 41	0 27	3 38	2 5	32 11	16 8	12 15	12 0	15 57		n.a.
W19	14 41	8 0	1 21	22 12	0 28	16 15	6 20	3 50	0 20	24 30	0 43	24 16	0 29	7 42	0 27	3 37	2 5	32 12	16 8	12 15	12 1	15 56		n.a.
T 20	14 22	4 11	2 23	22 12	0 38	16 22	6 11	3 32	0 19	24 30	0 43	24 16	0 29	7 43	0 27	3 37	2 5	32 12	16 8	12 15	12 2	15 55		n.a.
F 21	14 3	0 10	3 20	22 11	0 48	16 30	6 1	3 14	0 19	24 30	0 43	24 16	0 29	7 44	0 27	3 37	2 5	32 13	16 8	12 14	12 4	15 54		n.a.
S 22	13 43	3n54	4 8	22 9	0 57	16 38	5 51	2 57	0 18	24 30	0 43	24 16	0 29	7 44	0 27	3 36	2 5	32 13	16 8	12 14	12 5	15 53		n.a.
S 23	13 23	7 53	4 45	22 6	1 6	16 45	5 42	2 39	0 17	24 30	0 43	24 16	0 29	7 45	0 27	3 36	2 5	32 13	16 8	12 14	12 6	15 52		n.a.
M24	13 3	11 36	5 9	22 1	1 14	16 52	5 32	2 21	0 17	24 30	0 43	24 16	0 29	7 46	0 27	3 35	2 5	32 14	16 8	12 14	12 7	15 51		n.a.
T 25	12 42	14 51	5 18	21 54	1 22	16 58	5 22	2 4	0 16	24 30	0 43	24 17	0 29	7 47	0 27	3 35	2 5	32 14	16 8	12 14	12 8	15 49		n.a.
W26	12 22	17 25	5 10	21 47	1 30	17 5	5 13	1 46	0 15	24 30	0 43	24 17	0 29	7 48	0 27	3 35	2 5	32 15	16 8	12 14	12 9	15 48		n.a.
T 27	12 1	19 1	4 43	21 37	1 37	17 11	5 3	1 28	0 15	24 30	0 43	24 17	0 29	7 49	0 27	3 34	2 5	32 15	16 8	12 14	12 10	15 47		n.a.
F 28	11s40	19n28	3s58	21s26	1s43	17s16	4n53	1s11	0s14	24n30	0n43	24n17	0n29	7n50	0s27	3s34	2n 5	32n16	16n 8	12n14	12n11	15s46		n.a.

Julian Day Number = 1356569.5, Delta T = 07h02m39s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°51'58, Lahiri = -17°44'58 Julian Calendar 1 Feb. 999 BCE == Greg. Calendar 23 Jan. 999 BCE

The year -998 astronomical counting style corresponds to year 999 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 999 BCE
geocentric

MARCH 999 BCE (-998) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 55 36	0♓55'28	24♋43	4♒22	21♉46	28♓18	26°R47	2°R13	20♈51	13°R40	13°R50	28♌21	28♌25	13♒32	n.a.	S 1
S 2	9 59 33	1°54'16	9♌43	5°40	22°16	29° 0	26♊47	2♋12	20°54	13♎39	13♌49	28°21	28°22	13°39	n.a.	S 2
M 3	10 3 30	2°53'01	24°52	7° 0	22°46	29°43	26°D47	2°11	20°56	13°38	13°47	28°R22	28°18	13°46	n.a.	M 3
T 4	10 7 26	3°51'44	9♍59	8°21	23°19	0♈25	26°47	2°10	20°59	13°37	13°46	28°22	28°15	13°52	n.a.	T 4
W 5	10 11 23	4°50'25	24°57	9°45	23°53	1° 7	26°47	2° 9	21° 1	13°35	13°44	28°21	28°12	13°59	n.a.	W 5
T 6	10 15 19	5°49'04	9♎37	11°10	24°28	1°48	26°48	2° 8	21° 4	13°34	13°43	28°20	28° 9	14° 6	n.a.	T 6
F 7	10 19 16	6°47'41	23°52	12°37	25° 4	2°30	26°49	2° 7	21° 7	13°33	13°41	28°20	28° 6	14°12	n.a.	F 7
S 8	10 23 12	7°46'16	7♏41	14° 6	25°41	3°12	26°49	2° 6	21°10	13°32	13°40	28°19	28° 3	14°19	n.a.	S 8
S 9	10 27 9	8°44'49	21° 3	15°37	26°20	3°54	26°50	2° 6	21°12	13°31	13°38	28°18	27°59	14°26	n.a.	S 9
M10	10 31 5	9°43'21	4♐ 0	17° 9	27° 0	4°36	26°52	2° 5	21°15	13°29	13°37	28°D17	27°56	14°32	n.a.	M10
T 11	10 35 2	10°41'51	16°34	18°43	27°41	5°17	26°53	2° 5	21°18	13°28	13°35	28°17	27°53	14°39	n.a.	T 11
W12	10 38 59	11°40'19	28°50	20°19	28°23	5°59	26°55	2° 5	21°21	13°27	13°34	28°18	27°50	14°46	n.a.	W12
T 13	10 42 55	12°38'46	10♑52	21°56	29° 6	6°41	26°57	2° 4	21°24	13°25	13°33	28°19	27°47	14°52	n.a.	T 13
F 14	10 46 52	13°37'10	22°45	23°35	29°50	7°22	26°59	2°D 4	21°27	13°24	13°31	28°20	27°43	14°59	n.a.	F 14
S 15	10 50 48	14°35'33	4♒33	25°16	0♒35	8° 4	27° 1	2° 5	21°29	13°23	13°30	28°21	27°40	15° 5	n.a.	S 15
S 16	10 54 45	15°33'54	16°19	26°58	1°20	8°45	27° 3	2° 5	21°32	13°21	13°28	28°23	27°37	15°12	n.a.	S 16
M17	10 58 41	16°32'13	28° 8	28°42	2° 7	9°27	27° 6	2° 5	21°35	13°20	13°27	28°R23	27°34	15°19	n.a.	M17
T 18	11 2 38	17°30'31	10♓ 1	0♓28	2°54	10° 8	27° 8	2° 5	21°38	13°19	13°26	28°23	27°31	15°25	n.a.	T 18
W19	11 6 34	18°28'46	22° 1	2°15	3°42	10°50	27°11	2° 6	21°41	13°17	13°25	28°21	27°28	15°32	n.a.	W19
T 20	11 10 31	19°26'59	4♈11	4° 4	4°31	11°31	27°14	2° 6	21°45	13°16	13°23	28°19	27°24	15°39	n.a.	T 20
F 21	11 14 27	20°25'11	16°31	5°55	5°21	12°12	27°17	2° 7	21°48	13°14	13°22	28°15	27°21	15°45	n.a.	F 21
S 22	11 18 24	21°23'20	29° 2	7°47	6°11	12°54	27°21	2° 8	21°51	13°13	13°21	28°12	27°18	15°52	n.a.	S 22
S 23	11 22 21	22°21'28	11♉47	9°42	7° 2	13°35	27°24	2° 9	21°54	13°11	13°20	28° 8	27°15	15°59	n.a.	S 23
M24	11 26 17	23°19'34	24°47	11°37	7°54	14°16	27°28	2°10	21°57	13°10	13°19	28° 5	27°12	16° 5	n.a.	M24
T 25	11 30 14	24°17'37	8♊ 2	13°35	8°46	14°57	27°32	2°11	22° 0	13° 8	13°17	28° 3	27° 8	16°12	n.a.	T 25
W26	11 34 10	25°15'39	21°35	15°34	9°39	15°38	27°36	2°12	22° 3	13° 7	13°16	28°D 2	27° 5	16°19	n.a.	W26
T 27	11 38 7	26°13'38	5♋26	17°35	10°32	16°19	27°40	2°14	22° 7	13° 5	13°15	28° 2	27° 2	16°25	n.a.	T 27
F 28	11 42 3	27°11'36	19°35	19°37	11°26	17° 0	27°45	2°15	22°10	13° 4	13°14	28° 3	26°59	16°32	n.a.	F 28
S 29	11 46 0	28° 9'31	4♌ 0	21°41	12°20	17°41	27°49	2°17	22°13	13° 2	13°13	28° 5	26°56	16°39	n.a.	S 29
S 30	11 49 56	29° 7'24	18°40	23°46	13°15	18°22	27°54	2°18	22°16	13° 1	13°12	28° 6	26°53	16°45	n.a.	S 30
M31	11 53 53	0♈ 5'16	3♍29	25♓53	14♒11	19♈ 3	27♊59	2♋20	22♈20	12♎59	13♌11	28°R 6	26♌49	16♒52	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s19	18n37	2s57	21s14	1s49	17s22	4n43	0s53	0s13	24n30	0n43	24n17	0n29	7n51	0s27	3s33	2n 5	32n16	16n 8	12n14	12n13	15s45		n.a.
S 2	10 58	16 27	1 42	21 0	1 55	17 26	4 34	0 36	0 13	24 30	0 43	24 17	0 29	7 52	0 27	3 33	2 5	32 16	16 7	12 14	12 14	15 44		n.a.
M 3	10 36	13 8	0 19	20 44	2 0	17 31	4 24	0 18	0 12	24 30	0 43	24 17	0 29	7 53	0 27	3 32	2 5	32 17	16 7	12 14	12 15	15 43		n.a.
T 4	10 15	8 56	1n 4	20 27	2 4	17 35	4 15	0 0	0 11	24 30	0 43	24 17	0 29	7 54	0 27	3 32	2 6	32 17	16 7	12 14	12 16	15 42		n.a.
W 5	9 53	4 13	2 23	20 8	2 8	17 39	4 5	0n17	0 11	24 30	0 43	24 17	0 30	7 55	0 27	3 31	2 6	32 18	16 7	12 14	12 17	15 41		n.a.
T 6	9 31	0s39	3 30	19 48	2 12	17 42	3 56	0 35	0 10	24 30	0 43	24 17	0 30	7 56	0 27	3 31	2 6	32 18	16 7	12 14	12 18	15 39		n.a.
F 7	9 9	5 21	4 22	19 26	2 15	17 44	3 46	0 52	0 9	24 30	0 43	24 17	0 30	7 57	0 27	3 30	2 6	32 18	16 7	12 14	12 19	15 38		n.a.
S 8	8 47	9 36	4 57	19 3	2 18	17 47	3 37	1 10	0 9	24 30	0 43	24 17	0 30	7 58	0 27	3 30	2 6	32 19	16 7	12 15	12 20	15 37		n.a.
S 9	8 25	13 14	5 15	18 37	2 20	17 49	3 28	1 27	0 8	24 30	0 43	24 17	0 30	7 59	0 27	3 29	2 6	32 19	16 6	12 15	12 21	15 36		n.a.
M10	8 3	16 6	5 16	18 10	2 21	17 50	3 19	1 45	0 7	24 30	0 43	24 17	0 30	8 0	0 27	3 29	2 6	32 19	16 6	12 15	12 23	15 35		n.a.
T 11	7 40	18 7	5 2	17 42	2 22	17 51	3 10	2 2	0 7	24 30	0 43	24 18	0 30	8 1	0 27	3 28	2 6	32 19	16 6	12 15	12 24	15 34		n.a.
W12	7 18	19 15	4 34	17 11	2 23	17 51	3 1	2 19	0 6	24 30	0 43	24 18	0 30	8 2	0 27	3 28	2 6	32 20	16 6	12 15	12 25	15 33		n.a.
T 13	6 55	19 28	3 54	16 39	2 23	17 51	2 52	2 37	0 5	24 30	0 43	24 18	0 30	8 4	0 27	3 27	2 6	32 20	16 6	12 15	12 26	15 32		n.a.
F 14	6 32	18 49	3 5	16 6	2 22	17 50	2 44	2 54	0 5	24 30	0 43	24 18	0 30	8 5	0 27	3 26	2 6	32 20	16 6	12 14	12 27	15 30		n.a.
S 15	6 9	17 21	2 8	15 30	2 21	17 49	2 35	3 11	0 4	24 30	0 43	24 18	0 30	8 6	0 27	3 26	2 6	32 20	16 5	12 14	12 28	15 29		n.a.
S 16	5 47	15 8	1 6	14 53	2 19	17 47	2 27	3 28	0 3	24 30	0 43	24 18	0 30	8 7	0 26	3 25	2 6	32 21	16 5	12 13	12 29	15 28		n.a.
M17	5 24	12 17	0 1	14 15	2 17	17 45	2 19	3 45	0 3	24 30	0 43	24 18	0 30	8 8	0 26	3 25	2 6	32 21	16 5	12 13	12 30	15 27		n.a.
T 18	5 1	8 55	1s 4	13 34	2 15	17 42	2 10	4 3	0 2	24 30	0 43	24 18	0 30	8 9	0 26	3 24	2 6	32 21	16 5	12 13	12 31	15 26		n.a.
W19	4 38	5 9	2 7	12 52	2 11	17 39	2 2	4 20	0 1	24 30	0 43	24 18	0 30	8 10	0 26	3 24	2 6	32 21	16 4	12 14	12 33	15 25		n.a.
T 20	4 14	1 8	3 5	12 9	2 8	17 35	1 54	4 37	0 1	24 30	0 43	24 18	0 30	8 12	0 26	3 23	2 6	32 21	16 4	12 15	12 34	15 24		n.a.
F 21	3 51	2n59	3 55	11 23	2 3	17 30	1 47	4 54	0 0	24 30	0 43	24 18	0 30	8 13	0 26	3 22	2 6	32 21	16 4	12 16	12 35	15 22		n.a.
S 22	3 28	7 1	4 35	10 36	1 58	17 25	1 39	5 11	0n 0	24 30	0 43	24 18	0 30	8 14	0 26	3 22	2 6	32 22	16 4	12 17	12 36	15 21		n.a.
S 23	3 5	10 49	5 2	9 48	1 53	17 20	1 31	5 27	0 1	24 30	0 43	24 18	0 30	8 15	0 26	3 21	2 6	32 22	16 3	12 18	12 37	15 20		n.a.
M24	2 41	14 11	5 14	8 57	1 47	17 14	1 24	5 44	0 2	24 30	0 43	24 18	0 30	8 16	0 26	3 21	2 6	32 22	16 3	12 19	12 38	15 19		n.a.
T 25	2 18	16 54	5 10	8 6	1 41	17 7	1 17	6 1	0 2	24 30	0 43	24 18	0 30	8 18	0 26	3 20	2 6	32 22	16 3	12 20	12 39	15 18		n.a.
W26	1 55	18 45	4 48	7 13	1 34	17 0	1 9	6 18	0 3	24 30	0 43	24 18	0 30	8 19	0 26	3 19	2 6	32 22	16 3	12 20	12 40	15 16		n.a.
T 27	1 31	19 32	4 10	6 18	1 26	16 52	1 2	6 34	0 4	24 30	0 43	24 18	0 31	8 20	0 26	3 19	2 6	32 22	16 2	12 20	12 41	15 15		n.a.
F 28	1 8	19 8	3 16	5 22	1 18	16 44	0 55	6 51	0 4	24 30	0 43	24 18	0 31	8 21	0 26	3 18	2 6	32 22	16 2	12 20	12 43	15 14		n.a.
S 29	0 45	17 29	2 8	4 25	1 10	16 35	0 49	7 7	0 5	24 31	0 43	24 18	0 31	8 23	0 26	3 17	2 6	32 22	16 2	12 20	12 44	15 13		n.a.
S 30	0 21	14 39	0 52	3 27	1 1	16 26	0 42	7 24	0 5	24 31	0 43	24 18	0 31	8 24	0 26	3 17	2 6	32 22	16 1	12 19	12 45	15 12		n.a.
M31	0n 2	10n51	0n29	2s27	0s52	16s16	0n35	7n40	0n 6	24n31	0n43	24n18	0n31	8n25	0s26	3s16	2n 6	32n22	16n 1	12n19	12n46	15s11		n.a.

Julian Day Number = 1356597.5, Delta T = 07h02m38s
Ecliptic obliquity = 23°48'44, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°51'54, Lahiri = -17°44'54 Julian Calendar 1 March 999 BCE == Greg. Calendar 20 Feb. 999 BCE

The year -998 astronomical counting style corresponds to year 999 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 999 BCE
geocentric

APRIL 999 BCE (-998) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 57 49	1♈ 3'05	18♍20	28♓ 0	15♒ 6	19♈44	28♊ 4	2♋22	22♈23	12°R57	13°R10	28°R 5	26♌46	16♒58	n.a.	T 1
W 2	12 1 46	2° 0'53	3♎ 7	0♈ 9	16° 3	20°25	28° 9	2°24	22°26	12♎56	13♌ 9	28♌ 2	26°43	17° 5	n.a.	W 2
T 3	12 5 43	2°58'39	17°42	2°18	17° 0	21° 6	28°15	2°26	22°30	12°54	13° 8	27°58	26°40	17°12	n.a.	T 3
F 4	12 9 39	3°56'24	1♏58	4°28	17°57	21°46	28°20	2°28	22°33	12°53	13° 7	27°52	26°37	17°18	n.a.	F 4
S 5	12 13 36	4°54'08	15°51	6°39	18°55	22°27	28°26	2°31	22°36	12°51	13° 6	27°47	26°34	17°25	n.a.	S 5
S 6	12 17 32	5°51'50	29°17	8°49	19°53	23° 8	28°32	2°33	22°40	12°49	13° 6	27°42	26°30	17°32	n.a.	S 6
M 7	12 21 29	6°49'31	12♐18	10°59	20°51	23°48	28°37	2°35	22°43	12°48	13° 5	27°38	26°27	17°38	n.a.	M 7
T 8	12 25 25	7°47'10	24°56	13° 9	21°50	24°29	28°44	2°38	22°47	12°46	13° 4	27°35	26°24	17°45	n.a.	T 8
W 9	12 29 22	8°44'49	7♑13	15°18	22°49	25° 9	28°50	2°41	22°50	12°45	13° 3	27°D34	26°21	17°52	n.a.	W 9
T 10	12 33 18	9°42'26	19°16	17°26	23°49	25°50	28°56	2°43	22°53	12°43	13° 2	27°35	26°18	17°58	n.a.	T 10
F 11	12 37 15	10°40'03	1♒ 9	19°33	24°49	26°30	29° 3	2°46	22°57	12°41	13° 2	27°36	26°14	18° 5	n.a.	F 11
S 12	12 41 12	11°37'38	12°56	21°39	25°49	27°11	29° 9	2°49	23° 0	12°40	13° 1	27°37	26°11	18°12	n.a.	S 12
S 13	12 45 8	12°35'11	24°44	23°42	26°49	27°51	29°16	2°52	23° 4	12°38	13° 0	27°R38	26° 8	18°18	n.a.	S 13
M14	12 49 5	13°32'44	6♓36	25°44	27°50	28°32	29°23	2°55	23° 7	12°37	13° 0	27°38	26° 5	18°25	n.a.	M14
T 15	12 53 1	14°30'16	18°36	27°43	28°51	29°12	29°30	2°59	23°11	12°35	12°59	27°36	26° 2	18°32	n.a.	T 15
W16	12 56 58	15°27'46	0♈46	29°40	29°53	29°52	29°37	3° 2	23°14	12°33	12°59	27°31	25°59	18°38	n.a.	W16
T 17	13 0 54	16°25'15	13°10	1♉35	0♓55	0♉33	29°45	3° 5	23°18	12°32	12°58	27°25	25°55	18°45	n.a.	T 17
F 18	13 4 51	17°22'43	25°47	3°27	1°57	1°13	29°52	3° 9	23°21	12°30	12°58	27°17	25°52	18°51	n.a.	F 18
S 19	13 8 47	18°20'10	8♉38	5°16	2°59	1°53	29°59	3°12	23°25	12°28	12°57	27° 8	25°49	18°58	n.a.	S 19
S 20	13 12 44	19°17'36	21°43	7° 3	4° 1	2°33	0♋ 7	3°16	23°28	12°27	12°57	26°59	25°46	19° 5	n.a.	S 20
M21	13 16 41	20°15'00	5♊ 1	8°46	5° 4	3°13	0°15	3°20	23°32	12°25	12°56	26°51	25°43	19°11	n.a.	M21
T 22	13 20 37	21°12'24	18°30	10°27	6° 7	3°53	0°23	3°24	23°35	12°24	12°56	26°45	25°39	19°18	n.a.	T 22
W23	13 24 34	22° 9'46	2♋11	12° 5	7°10	4°34	0°31	3°28	23°39	12°22	12°56	26°41	25°36	19°25	n.a.	W23
T 24	13 28 30	23° 7'06	16° 3	13°40	8°13	5°14	0°39	3°32	23°42	12°20	12°55	26°40	25°33	19°31	n.a.	T 24
F 25	13 32 27	24° 4'26	0♌ 5	15°12	9°17	5°54	0°48	3°36	23°46	12°19	12°55	26°D40	25°30	19°38	n.a.	F 25
S 26	13 36 23	25° 1'44	14°17	16°41	10°21	6°34	0°56	3°40	23°49	12°17	12°55	26°40	25°27	19°45	n.a.	S 26
S 27	13 40 20	25°59'00	28°36	18° 7	11°25	7°13	1° 5	3°44	23°53	12°16	12°55	26°R41	25°24	19°51	n.a.	S 27
M28	13 44 16	26°56'16	13♍ 2	19°30	12°29	7°53	1°13	3°49	23°56	12°14	12°54	26°40	25°20	19°58	n.a.	M28
T 29	13 48 13	27°53'30	27°29	20°49	13°34	8°33	1°22	3°53	24° 0	12°13	12°54	26°36	25°17	20° 5	n.a.	T 29
W30	13 52 10	28♈50'43	11♎54	22♉ 6	14♓38	9♉13	1♋31	3♋58	24♈ 3	12♎11	12♌54	26♌31	25♌14	20♒11	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n25	6n20	1n49	1s27	0s42	16s 6	0n29	7n56	0n 7	24n31	0n43	24n18	0n31	8n26	0s26	3s16	2n 6	32n22	16n 1	12n20	12n47	15s 9		n.a.
W 2	0 49	1 29	3 0	0 26	0 32	15 55	0 23	8 12	0 7	24 31	0 43	24 18	0 31	8 28	0 26	3 15	2 6	32 22	16 0	12 21	12 48	15 8		n.a.
T 3	1 12	3s23	3 58	0n36	0 22	15 43	0 17	8 29	0 8	24 31	0 43	24 18	0 31	8 29	0 26	3 14	2 6	32 22	16 0	12 22	12 49	15 7		n.a.
F 4	1 35	7 58	4 40	1 38	0 12	15 31	0 11	8 45	0 8	24 31	0 43	24 18	0 31	8 30	0 26	3 14	2 6	32 22	16 0	12 24	12 50	15 6		n.a.
S 5	1 59	11 59	5 5	2 40	0 1	15 19	0 5	9 1	0 9	24 31	0 43	24 18	0 31	8 31	0 26	3 13	2 6	32 22	15 59	12 26	12 51	15 4		n.a.
S 6	2 22	15 15	5 11	3 42	0n10	15 6	0s 1	9 16	0 10	24 31	0 43	24 18	0 31	8 33	0 26	3 12	2 6	32 22	15 59	12 28	12 52	15 3		n.a.
M 7	2 45	17 39	5 1	4 43	0 20	14 52	0 7	9 32	0 10	24 31	0 43	24 18	0 31	8 34	0 26	3 12	2 6	32 22	15 59	12 29	12 54	15 2		n.a.
T 8	3 8	19 6	4 37	5 45	0 31	14 38	0 12	9 48	0 11	24 31	0 43	24 18	0 31	8 35	0 26	3 11	2 6	32 22	15 58	12 30	12 55	15 1		n.a.
W 9	3 31	19 37	4 0	6 45	0 41	14 24	0 18	10 4	0 11	24 31	0 43	24 18	0 31	8 37	0 26	3 10	2 6	32 22	15 58	12 30	12 56	15 0		n.a.
T 10	3 54	19 13	3 13	7 44	0 51	14 9	0 23	10 19	0 12	24 31	0 43	24 18	0 31	8 38	0 26	3 10	2 6	32 22	15 57	12 30	12 57	14 58		n.a.
F 11	4 17	17 57	2 19	8 43	1 1	13 54	0 28	10 35	0 13	24 31	0 43	24 18	0 31	8 39	0 26	3 9	2 6	32 21	15 57	12 30	12 58	14 57		n.a.
S 12	4 40	15 56	1 19	9 40	1 11	13 38	0 33	10 50	0 13	24 31	0 43	24 18	0 31	8 41	0 26	3 8	2 6	32 21	15 57	12 29	12 59	14 56		n.a.
S 13	5 3	13 14	0 16	10 35	1 20	13 21	0 38	11 5	0 14	24 31	0 43	24 18	0 31	8 42	0 26	3 8	2 6	32 21	15 56	12 29	13 0	14 55		n.a.
M14	5 26	9 59	0s48	11 28	1 29	13 5	0 43	11 20	0 14	24 31	0 43	24 18	0 31	8 43	0 26	3 7	2 6	32 21	15 56	12 29	13 1	14 53		n.a.
T 15	5 48	6 17	1 51	12 20	1 37	12 47	0 47	11 35	0 15	24 31	0 43	24 18	0 31	8 44	0 26	3 7	2 6	32 21	15 56	12 30	13 2	14 52		n.a.
W16	6 11	2 16	2 49	13 9	1 45	12 30	0 52	11 50	0 15	24 31	0 43	24 18	0 31	8 46	0 26	3 6	2 6	32 21	15 55	12 31	13 3	14 51		n.a.
T 17	6 33	1n54	3 41	13 57	1 52	12 12	0 56	12 5	0 16	24 31	0 43	24 18	0 31	8 47	0 26	3 5	2 6	32 20	15 55	12 34	13 4	14 50		n.a.
F 18	6 56	6 3	4 22	14 42	1 58	11 53	1 0	12 20	0 17	24 31	0 43	24 18	0 31	8 48	0 26	3 5	2 6	32 20	15 54	12 36	13 6	14 48		n.a.
S 19	7 18	10 1	4 51	15 25	2 4	11 34	1 4	12 35	0 17	24 31	0 43	24 18	0 31	8 50	0 26	3 4	2 6	32 20	15 54	12 39	13 7	14 47		n.a.
S 20	7 40	13 34	5 5	16 6	2 9	11 15	1 8	12 49	0 18	24 31	0 43	24 18	0 31	8 51	0 26	3 3	2 6	32 20	15 53	12 42	13 8	14 46		n.a.
M21	8 2	16 29	5 3	16 44	2 13	10 55	1 12	13 4	0 18	24 31	0 43	24 18	0 32	8 52	0 26	3 3	2 6	32 19	15 53	12 45	13 9	14 45		n.a.
T 22	8 24	18 34	4 45	17 20	2 16	10 35	1 16	13 18	0 19	24 31	0 43	24 18	0 32	8 54	0 26	3 2	2 6	32 19	15 53	12 47	13 10	14 43		n.a.
W23	8 46	19 38	4 10	17 54	2 19	10 14	1 19	13 33	0 19	24 31	0 42	24 18	0 32	8 55	0 26	3 2	2 6	32 19	15 52	12 49	13 11	14 42		n.a.
T 24	9 7	19 31	3 20	18 26	2 21	9 54	1 23	13 47	0 20	24 31	0 42	24 18	0 32	8 56	0 26	3 1	2 6	32 18	15 52	12 49	13 12	14 41		n.a.
F 25	9 29	18 12	2 18	18 55	2 22	9 32	1 26	14 1	0 20	24 31	0 42	24 17	0 32	8 58	0 26	3 0	2 6	32 18	15 51	12 49	13 13	14 40		n.a.
S 26	9 50	15 45	1 6	19 22	2 23	9 11	1 29	14 15	0 21	24 31	0 42	24 17	0 32	8 59	0 26	3 0	2 6	32 18	15 51	12 49	13 14	14 38		n.a.
S 27	10 11	12 18	0n10	19 46	2 23	8 49	1 33	14 29	0 22	24 31	0 42	24 17	0 32	9 0	0 26	2 59	2 6	32 17	15 50	12 49	13 15	14 37		n.a.
M28	10 32	8 6	1 26	20 9	2 22	8 27	1 36	14 42	0 22	24 31	0 42	24 17	0 32	9 2	0 26	2 58	2 6	32 17	15 50	12 49	13 16	14 36		n.a.
T 29	10 53	3 24	2 37	20 29	2 20	8 4	1 38	14 56	0 23	24 31	0 42	24 17	0 32	9 3	0 26	2 58	2 6	32 17	15 50	12 50	13 18	14 34		n.a.
W30	11n14	1s27	3n37	20n47	2n17	7s41	1s41	15n 9	0n23	24n31	0n42	24n17	0n32	9n 4	0s26	2s57	2n 6	32n16	15n49	12n52	13n19	14s33		n.a.

Julian Day Number = 1356628.5, Delta T = 07h02m36s
Ecliptic obliquity = 23°48'45, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°51'50, Lahiri = -17°44'50 Julian Calendar 1 Apr. 999 BCE == Greg. Calendar 23 March 999 BCE

The year -998 astronomical counting style corresponds to year 999 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 999 BCE
geocentric

MAY 999 BCE (-998) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 56 6	29♈47'56	26♎11	23♉19	15♓43	9♉53	1♋40	4♋ 2	24♈ 7	12°R10	12°R54	26°R23	25♌11	20♒18	n.a.	T 1
F 2	14 0 3	0♉45'08	10♏13	24°29	16°48	10°33	1°49	4° 7	24°10	12♎ 8	12♌54	26♌13	25° 8	20°24	n.a.	F 2
S 3	14 3 59	1°42'19	23°57	25°36	17°53	11°12	1°58	4°12	24°13	12° 6	12°54	26° 3	25° 5	20°31	n.a.	S 3
S 4	14 7 56	2°39'29	7♐19	26°39	18°59	11°52	2° 8	4°16	24°17	12° 5	12°D54	25°53	25° 1	20°38	n.a.	S 4
M 5	14 11 52	3°36'39	20°19	27°39	20° 4	12°32	2°17	4°21	24°20	12° 3	12°54	25°44	24°58	20°44	n.a.	M 5
T 6	14 15 49	4°33'49	2♑56	28°35	21°10	13°11	2°27	4°26	24°24	12° 2	12°54	25°38	24°55	20°51	n.a.	T 6
W 7	14 19 45	5°30'58	15°15	29°28	22°16	13°51	2°36	4°31	24°27	12° 1	12°54	25°34	24°52	20°58	n.a.	W 7
T 8	14 23 42	6°28'07	27°18	0♊17	23°22	14°31	2°46	4°36	24°31	11°59	12°54	25°32	24°49	21° 4	n.a.	T 8
F 9	14 27 39	7°25'16	9♒11	1° 2	24°28	15°10	2°56	4°42	24°34	11°58	12°54	25°D32	24°45	21°11	n.a.	F 9
S 10	14 31 35	8°22'24	21° 0	1°43	25°34	15°50	3° 5	4°47	24°38	11°56	12°55	25°R32	24°42	21°18	n.a.	S 10
S 11	14 35 32	9°19'32	2♓49	2°20	26°41	16°29	3°15	4°52	24°41	11°55	12°55	25°32	24°39	21°24	n.a.	S 11
M12	14 39 28	10°16'40	14°44	2°53	27°47	17° 9	3°25	4°57	24°44	11°53	12°55	25°30	24°36	21°31	n.a.	M12
T 13	14 43 25	11°13'47	26°50	3°22	28°54	17°48	3°36	5° 3	24°48	11°52	12°55	25°27	24°33	21°38	n.a.	T 13
W14	14 47 21	12°10'55	9♈ 9	3°47	0♈ 1	18°27	3°46	5° 8	24°51	11°51	12°56	25°20	24°30	21°44	n.a.	W14
T 15	14 51 18	13° 8'02	21°46	4° 7	1° 8	19° 7	3°56	5°14	24°55	11°49	12°56	25°11	24°26	21°51	n.a.	T 15
F 16	14 55 14	14° 5'09	4♉40	4°23	2°15	19°46	4° 7	5°20	24°58	11°48	12°56	25° 1	24°23	21°58	n.a.	F 16
S 17	14 59 11	15° 2'16	17°52	4°34	3°22	20°26	4°17	5°25	25° 1	11°47	12°57	24°49	24°20	22° 4	n.a.	S 17
S 18	15 3 8	15°59'23	1♊20	4°41	4°30	21° 5	4°28	5°31	25° 5	11°46	12°57	24°37	24°17	22°11	n.a.	S 18
M19	15 7 4	16°56'29	15° 2	4°R43	5°37	21°44	4°38	5°37	25° 8	11°44	12°58	24°26	24°14	22°17	n.a.	M19
T 20	15 11 1	17°53'35	28°54	4°40	6°45	22°23	4°49	5°43	25°11	11°43	12°58	24°17	24°11	22°24	n.a.	T 20
W21	15 14 57	18°50'41	12♋53	4°33	7°52	23° 3	5° 0	5°49	25°15	11°42	12°59	24°11	24° 7	22°31	n.a.	W21
T 22	15 18 54	19°47'47	26°56	4°22	9° 0	23°42	5°11	5°55	25°18	11°41	12°59	24° 8	24° 4	22°37	n.a.	T 22
F 23	15 22 50	20°44'52	11♌ 3	4° 6	10° 8	24°21	5°22	6° 1	25°21	11°39	13° 0	24° 7	24° 1	22°44	n.a.	F 23
S 24	15 26 47	21°41'56	25°10	3°46	11°16	25° 0	5°33	6° 7	25°24	11°38	13° 1	24° 7	23°58	22°51	n.a.	S 24
S 25	15 30 44	22°39'01	9♍18	3°23	12°24	25°39	5°44	6°13	25°28	11°37	13° 1	24° 6	23°55	22°57	n.a.	S 25
M26	15 34 40	23°36'05	23°25	2°56	13°33	26°18	5°55	6°20	25°31	11°36	13° 2	24° 5	23°51	23° 4	n.a.	M26
T 27	15 38 37	24°33'09	7♎29	2°26	14°41	26°58	6° 6	6°26	25°34	11°35	13° 3	24° 0	23°48	23°11	n.a.	T 27
W28	15 42 33	25°30'12	21°29	1°53	15°50	27°37	6°18	6°32	25°37	11°34	13° 3	23°53	23°45	23°17	n.a.	W28
T 29	15 46 30	26°27'16	5♏21	1°18	16°58	28°16	6°29	6°39	25°40	11°33	13° 4	23°44	23°42	23°24	n.a.	T 29
F 30	15 50 26	27°24'20	19° 1	0°42	18° 7	28°55	6°40	6°45	25°43	11°32	13° 5	23°33	23°39	23°31	n.a.	F 30
S 31	15 54 23	28♉21'24	2♐27	0♊ 5	19♈16	29♉34	6♋52	6♋51	25♈46	11♎31	13♌ 6	23♌20	23♌36	23♒37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11n34	6s11	4n23	21n 3	2n14	7s18	1s44	15n23	0n24	24n31	0n42	24n17	0n32	9n 6	0s26	2s57	2n 6	32n16	15n49	12n55	13n20	14s32			n.a.
F 2	11 55	10 30	4 52	21 16	2 9	6 55	1 46	15 36	0 24	24 30	0 42	24 17	0 32	9 7	0 26	2 56	2 6	32 16	15 48	12 58	13 21	14 31			n.a.
S 3	12 15	14 9	5 3	21 28	2 4	6 31	1 49	15 49	0 25	24 30	0 42	24 17	0 32	9 8	0 26	2 56	2 6	32 15	15 48	13 2	13 22	14 29			n.a.
S 4	12 35	16 59	4 58	21 38	1 59	6 7	1 51	16 2	0 25	24 30	0 42	24 17	0 32	9 9	0 26	2 55	2 6	32 15	15 47	13 5	13 23	14 28			n.a.
M 5	12 55	18 51	4 36	21 46	1 52	5 43	1 53	16 15	0 26	24 30	0 42	24 16	0 32	9 11	0 26	2 54	2 6	32 14	15 47	13 8	13 24	14 27			n.a.
T 6	13 14	19 45	4 2	21 51	1 45	5 19	1 55	16 28	0 26	24 30	0 42	24 16	0 32	9 12	0 26	2 54	2 6	32 14	15 47	13 10	13 25	14 25			n.a.
W 7	13 34	19 39	3 17	21 55	1 37	4 54	1 57	16 40	0 27	24 30	0 42	24 16	0 32	9 13	0 26	2 53	2 6	32 13	15 46	13 12	13 26	14 24			n.a.
T 8	13 53	18 40	2 24	21 57	1 28	4 29	1 59	16 53	0 27	24 29	0 42	24 16	0 32	9 15	0 26	2 53	2 6	32 13	15 46	13 12	13 27	14 23			n.a.
F 9	14 12	16 51	1 26	21 58	1 18	4 4	2 0	17 5	0 28	24 29	0 42	24 16	0 32	9 16	0 26	2 52	2 6	32 13	15 45	13 13	13 28	14 21			n.a.
S 10	14 31	14 20	0 24	21 56	1 8	3 39	2 2	17 17	0 28	24 29	0 42	24 16	0 32	9 17	0 26	2 52	2 6	32 12	15 45	13 13	13 29	14 20			n.a.
S 11	14 49	11 14	0s39	21 53	0 57	3 13	2 3	17 29	0 29	24 29	0 42	24 16	0 32	9 18	0 26	2 51	2 6	32 12	15 44	13 13	13 30	14 19			n.a.
M12	15 8	7 38	1 40	21 48	0 45	2 48	2 5	17 41	0 29	24 28	0 42	24 15	0 32	9 20	0 26	2 51	2 6	32 11	15 44	13 13	13 32	14 17			n.a.
T 13	15 26	3 42	2 38	21 42	0 33	2 22	2 6	17 53	0 30	24 28	0 42	24 15	0 32	9 21	0 26	2 50	2 6	32 11	15 43	13 14	13 33	14 16			n.a.
W14	15 44	0n29	3 30	21 34	0 20	1 56	2 7	18 5	0 30	24 28	0 42	24 15	0 33	9 22	0 26	2 50	2 6	32 10	15 43	13 16	13 34	14 15			n.a.
T 15	16 1	4 43	4 12	21 24	0 6	1 30	2 8	18 16	0 31	24 28	0 42	24 15	0 33	9 23	0 26	2 49	2 6	32 9	15 42	13 19	13 35	14 13			n.a.
F 16	16 19	8 51	4 43	21 13	0s 8	1 3	2 9	18 27	0 31	24 27	0 42	24 15	0 33	9 25	0 26	2 49	2 6	32 9	15 42	13 23	13 36	14 12			n.a.
S 17	16 36	12 39	4 59	21 1	0 23	0 37	2 10	18 39	0 32	24 27	0 42	24 15	0 33	9 26	0 26	2 48	2 6	32 8	15 42	13 27	13 37	14 11			n.a.
S 18	16 53	15 52	4 59	20 47	0 38	0 10	2 10	18 50	0 32	24 27	0 42	24 14	0 33	9 27	0 26	2 48	2 6	32 8	15 41	13 31	13 38	14 9			n.a.
M19	17 9	18 17	4 42	20 32	0 54	0n16	2 11	19 1	0 33	24 26	0 42	24 14	0 33	9 28	0 26	2 47	2 6	32 7	15 41	13 35	13 39	14 8			n.a.
T 20	17 26	19 40	4 8	20 16	1 10	0 43	2 11	19 11	0 33	24 26	0 42	24 14	0 33	9 30	0 26	2 47	2 6	32 7	15 40	13 38	13 40	14 7			n.a.
W21	17 42	19 52	3 20	19 59	1 26	1 10	2 12	19 22	0 34	24 25	0 42	24 14	0 33	9 31	0 26	2 46	2 6	32 6	15 40	13 40	13 41	14 5			n.a.
T 22	17 58	18 50	2 19	19 41	1 42	1 37	2 12	19 33	0 34	24 25	0 43	24 14	0 33	9 32	0 26	2 46	2 6	32 5	15 39	13 41	13 42	14 4			n.a.
F 23	18 13	16 38	1 9	19 22	1 58	2 3	2 12	19 43	0 35	24 25	0 43	24 13	0 33	9 33	0 26	2 45	2 6	32 5	15 39	13 41	13 43	14 2			n.a.
S 24	18 28	13 25	0n 6	19 2	2 14	2 30	2 12	19 53	0 35	24 24	0 43	24 13	0 33	9 34	0 26	2 45	2 5	32 4	15 38	13 41	13 44	14 1			n.a.
S 25	18 43	9 26	1 19	18 43	2 30	2 57	2 12	20 3	0 36	24 24	0 43	24 13	0 33	9 36	0 26	2 45	2 5	32 4	15 38	13 42	13 45	14 0			n.a.
M26	18 58	4 55	2 28	18 22	2 45	3 24	2 12	20 13	0 36	24 23	0 43	24 13	0 33	9 37	0 26	2 44	2 5	32 3	15 38	13 42	13 47	13 58			n.a.
T 27	19 12	0 10	3 28	18 2	3 0	3 51	2 12	20 23	0 37	24 23	0 43	24 12	0 33	9 38	0 26	2 44	2 5	32 2	15 37	13 44	13 48	13 57			n.a.
W28	19 26	4s35	4 15	17 42	3 14	4 18	2 11	20 32	0 37	24 22	0 43	24 12	0 33	9 39	0 26	2 44	2 5	32 2	15 37	13 46	13 49	13 56			n.a.
T 29	19 40	9 2	4 46	17 22	3 27	4 45	2 11	20 42	0 38	24 22	0 43	24 12	0 33	9 40	0 26	2 43	2 5	32 1	15 36	13 49	13 50	13 54			n.a.
F 30	19 53	12 57	5 0	17 3	3 39	5 12	2 10	20 51	0 38	24 21	0 43	24 11	0 33	9 41	0 26	2 43	2 5	32 0	15 36	13 53	13 51	13 53			n.a.
S 31	20n 6	16s 7	4n57	16n44	3s50	5n39	2s10	21n 0	0n39	24n20	0n43	24n11	0n33	9n43	0s26	2s42	2n 5	32n 0	15n35	13n57	13n52	13s51			n.a.

Julian Day Number = 1356658.5, Delta T = 07h02m35s
Ecliptic obliquity = 23°48'44, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°51'46, Lahiri = -17°44'46 Julian Calendar 1 May 999 BCE == Greg. Calendar 22 Apr. 999 BCE

The year -998 astronomical counting style corresponds to year 999 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 999 BCE
geocentric

JUNE 999 BCE (-998) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 58 19	29♉18'28	15♐35	29°R27	20♈24	0♊13	7♋ 3	6♋58	25♈49	11°R30	13♘ 7	23°R 9	23♘32	23♒44	n.a.	S 1
M 2	16 2 16	0♊15'33	28°25	28♉50	21°33	0°52	7°15	7° 5	25°53	11♎29	13° 8	22♘58	23°29	23°50	n.a.	M 2
T 3	16 6 13	1°12'38	10♏56	28°14	22°42	1°30	7°27	7°11	25°56	11°28	13° 9	22°50	23°26	23°57	n.a.	T 3
W 4	16 10 9	2° 9'43	23°11	27°39	23°52	2° 9	7°39	7°18	25°59	11°27	13°10	22°45	23°23	24° 4	n.a.	W 4
T 5	16 14 6	3° 6'50	5♒13	27° 7	25° 1	2°48	7°50	7°25	26° 1	11°26	13°11	22°42	23°20	24°10	n.a.	T 5
F 6	16 18 2	4° 3'56	17° 5	26°37	26°10	3°27	8° 2	7°31	26° 4	11°25	13°12	22°41	23°17	24°17	n.a.	F 6
S 7	16 21 59	5° 1'04	28°54	26°11	27°20	4° 6	8°14	7°38	26° 7	11°25	13°13	22°41	23°13	24°24	n.a.	S 7
S 8	16 25 55	5°58'12	10♓44	25°48	28°29	4°45	8°26	7°45	26°10	11°24	13°14	22°41	23°10	24°30	n.a.	S 8
M 9	16 29 52	6°55'21	22°40	25°30	29°39	5°24	8°38	7°52	26°13	11°23	13°15	22°40	23° 7	24°37	n.a.	M 9
T 10	16 33 48	7°52'31	4♈48	25°17	0♉49	6° 2	8°50	7°59	26°16	11°22	13°16	22°37	23° 4	24°44	n.a.	T 10
W11	16 37 45	8°49'41	17°13	25° 8	1°58	6°41	9° 2	8° 6	26°19	11°22	13°17	22°32	23° 1	24°50	n.a.	W11
T 12	16 41 42	9°46'52	29°58	25°D 5	3° 8	7°20	9°14	8°13	26°21	11°21	13°18	22°24	22°57	24°57	n.a.	T 12
F 13	16 45 38	10°44'05	13♉ 4	25° 7	4°18	7°59	9°27	8°20	26°24	11°20	13°20	22°14	22°54	25° 4	n.a.	F 13
S 14	16 49 35	11°41'18	26°33	25°15	5°28	8°37	9°39	8°27	26°27	11°20	13°21	22° 3	22°51	25°10	n.a.	S 14
S 15	16 53 31	12°38'32	10♊22	25°28	6°38	9°16	9°51	8°34	26°30	11°19	13°22	21°52	22°48	25°17	n.a.	S 15
M16	16 57 28	13°35'46	24°28	25°47	7°49	9°55	10° 4	8°41	26°32	11°19	13°23	21°43	22°45	25°24	n.a.	M16
T 17	17 1 24	14°33'02	8♋45	26°12	8°59	10°33	10°16	8°48	26°35	11°18	13°25	21°35	22°42	25°30	n.a.	T 17
W18	17 5 21	15°30'18	23° 8	26°43	10° 9	11°12	10°28	8°55	26°37	11°18	13°26	21°29	22°38	25°37	n.a.	W18
T 19	17 9 18	16°27'35	7♌32	27°19	11°20	11°51	10°41	9° 2	26°40	11°17	13°27	21°27	22°35	25°43	n.a.	T 19
F 20	17 13 14	17°24'52	21°53	28° 1	12°30	12°29	10°53	9°10	26°43	11°17	13°29	21°D26	22°32	25°50	n.a.	F 20
S 21	17 17 11	18°22'10	6♍ 8	28°49	13°41	13° 8	11° 6	9°17	26°45	11°16	13°30	21°26	22°29	25°57	n.a.	S 21
S 22	17 21 7	19°19'28	20°15	29°43	14°51	13°46	11°19	9°24	26°47	11°16	13°32	21°R27	22°26	26° 3	n.a.	S 22
M23	17 25 4	20°16'47	4♎13	0♊42	16° 2	14°25	11°31	9°32	26°50	11°16	13°33	21°26	22°22	26°10	n.a.	M23
T 24	17 29 0	21°14'07	18° 2	1°47	17°13	15° 3	11°44	9°39	26°52	11°15	13°35	21°23	22°19	26°17	n.a.	T 24
W25	17 32 57	22°11'28	1♏41	2°57	18°24	15°42	11°56	9°46	26°55	11°15	13°36	21°18	22°16	26°23	n.a.	W25
T 26	17 36 53	23° 8'49	15° 9	4°12	19°35	16°20	12° 9	9°54	26°57	11°15	13°38	21°11	22°13	26°30	n.a.	T 26
F 27	17 40 50	24° 6'11	28°25	5°33	20°46	16°59	12°22	10° 1	26°59	11°15	13°39	21° 2	22°10	26°37	n.a.	F 27
S 28	17 44 47	25° 3'35	11♐28	6°58	21°57	17°37	12°35	10° 8	27° 1	11°14	13°41	20°52	22° 7	26°43	n.a.	S 28
S 29	17 48 43	26° 0'59	24°17	8°28	23° 8	18°16	12°47	10°16	27° 3	11°14	13°43	20°43	22° 3	26°50	n.a.	S 29
M30	17 52 40	26♊58'25	6♏51	10♊ 2	24♉19	18♊54	13♋ 0	10♋23	27♈ 6	11♎14	13♘44	20♘34	22♘ 0	26♒57	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n19	18s24	4n38	16n27	4s 0	6n 6	2s 9	21n 9	0n39	24n20	0n43	24n11	0n33	9n44	0s26	2s42	2n 5	31n59	15n35	14n 1	13n53	13s50		n.a.
M 2	20 31	19 42	4 6	16 11	4 8	6 33	2 8	21 18	0 40	24 19	0 43	24 11	0 33	9 45	0 26	2 42	2 5	31 58	15 35	14 4	13 54	13 49		n.a.
T 3	20 43	20 0	3 22	15 56	4 15	7 0	2 7	21 26	0 40	24 19	0 43	24 10	0 33	9 46	0 26	2 41	2 5	31 58	15 34	14 7	13 55	13 47		n.a.
W 4	20 55	19 20	2 30	15 43	4 20	7 27	2 6	21 35	0 41	24 18	0 43	24 10	0 34	9 47	0 26	2 41	2 5	31 57	15 34	14 9	13 56	13 46		n.a.
T 5	21 6	17 47	1 31	15 32	4 24	7 53	2 5	21 43	0 41	24 17	0 43	24 10	0 34	9 48	0 26	2 41	2 5	31 56	15 33	14 10	13 57	13 44		n.a.
F 6	21 17	15 29	0 30	15 23	4 26	8 20	2 4	21 51	0 41	24 17	0 43	24 9	0 34	9 49	0 26	2 41	2 5	31 56	15 33	14 10	13 58	13 43		n.a.
S 7	21 28	12 33	0s33	15 16	4 27	8 46	2 3	21 59	0 42	24 16	0 43	24 9	0 34	9 50	0 26	2 40	2 5	31 55	15 33	14 10	13 59	13 42		n.a.
S 8	21 38	9 7	1 34	15 12	4 26	9 13	2 2	22 7	0 42	24 15	0 43	24 9	0 34	9 51	0 26	2 40	2 5	31 54	15 32	14 10	14 0	13 40		n.a.
M 9	21 48	5 17	2 32	15 10	4 24	9 39	2 0	22 14	0 43	24 14	0 43	24 8	0 34	9 52	0 26	2 40	2 5	31 53	15 32	14 11	14 1	13 39		n.a.
T 10	21 58	1 11	3 24	15 10	4 20	10 5	1 59	22 22	0 43	24 14	0 43	24 8	0 34	9 53	0 26	2 40	2 5	31 53	15 31	14 11	14 2	13 37		n.a.
W11	22 7	3n 4	4 8	15 13	4 15	10 31	1 58	22 29	0 44	24 13	0 43	24 8	0 34	9 54	0 26	2 39	2 5	31 52	15 31	14 13	14 4	13 36		n.a.
T 12	22 16	7 16	4 40	15 18	4 9	10 56	1 56	22 36	0 44	24 12	0 43	24 7	0 34	9 55	0 26	2 39	2 4	31 51	15 31	14 16	14 5	13 35		n.a.
F 13	22 24	11 16	4 59	15 26	4 2	11 22	1 54	22 43	0 45	24 11	0 43	24 7	0 34	9 56	0 26	2 39	2 4	31 50	15 30	14 19	14 6	13 33		n.a.
S 14	22 32	14 48	5 2	15 36	3 53	11 47	1 53	22 49	0 45	24 10	0 43	24 6	0 34	9 57	0 26	2 39	2 4	31 50	15 30	14 22	14 7	13 32		n.a.
S 15	22 40	17 37	4 47	15 48	3 44	12 12	1 51	22 56	0 45	24 9	0 43	24 6	0 34	9 58	0 26	2 39	2 4	31 49	15 29	14 26	14 8	13 30		n.a.
M16	22 47	19 27	4 15	16 3	3 34	12 37	1 49	23 2	0 46	24 8	0 43	24 6	0 34	9 59	0 26	2 38	2 4	31 48	15 29	14 29	14 9	13 29		n.a.
T 17	22 54	20 5	3 27	16 19	3 22	13 1	1 47	23 8	0 46	24 8	0 43	24 5	0 34	10 0	0 26	2 38	2 4	31 47	15 29	14 32	14 10	13 27		n.a.
W18	23 1	19 25	2 25	16 38	3 11	13 26	1 45	23 14	0 47	24 7	0 43	24 5	0 34	10 1	0 26	2 38	2 4	31 47	15 28	14 34	14 11	13 26		n.a.
T 19	23 7	17 29	1 13	16 58	2 58	13 50	1 43	23 20	0 47	24 6	0 43	24 4	0 34	10 2	0 26	2 38	2 4	31 46	15 28	14 34	14 12	13 24		n.a.
F 20	23 12	14 28	0n 2	17 21	2 45	14 14	1 41	23 26	0 48	24 5	0 43	24 4	0 35	10 3	0 26	2 38	2 4	31 45	15 28	14 35	14 13	13 23		n.a.
S 21	23 18	10 36	1 18	17 44	2 32	14 37	1 39	23 31	0 48	24 4	0 43	24 3	0 35	10 4	0 26	2 38	2 4	31 44	15 27	14 35	14 14	13 22		n.a.
S 22	23 23	6 11	2 28	18 9	2 18	15 0	1 37	23 37	0 48	24 3	0 43	24 3	0 35	10 5	0 26	2 38	2 4	31 43	15 27	14 34	14 15	13 20		n.a.
M23	23 27	1 28	3 28	18 35	2 4	15 23	1 35	23 42	0 49	24 1	0 43	24 2	0 35	10 6	0 26	2 38	2 4	31 43	15 27	14 35	14 16	13 19		n.a.
T 24	23 31	3s15	4 15	19 2	1 50	15 46	1 32	23 47	0 49	24 0	0 43	24 2	0 35	10 7	0 26	2 38	2 4	31 42	15 26	14 36	14 17	13 17		n.a.
W25	23 35	7 45	4 48	19 30	1 36	16 8	1 30	23 51	0 50	23 59	0 44	24 1	0 35	10 7	0 26	2 38	2 4	31 41	15 26	14 37	14 18	13 16		n.a.
T 26	23 38	11 48	5 4	19 58	1 22	16 30	1 28	23 56	0 50	23 58	0 44	24 1	0 35	10 8	0 26	2 38	2 4	31 40	15 26	14 40	14 19	13 14		n.a.
F 27	23 41	15 12	5 3	20 27	1 8	16 51	1 25	24 0	0 51	23 57	0 44	24 1	0 35	10 9	0 26	2 38	2 3	31 39	15 25	14 43	14 20	13 13		n.a.
S 28	23 43	17 47	4 46	20 56	0 54	17 12	1 23	24 4	0 51	23 56	0 44	24 0	0 35	10 10	0 26	2 37	2 3	31 39	15 25	14 46	14 21	13 11		n.a.
S 29	23 45	19 26	4 15	21 24	0 40	17 33	1 20	24 8	0 51	23 55	0 44	23 59	0 35	10 11	0 26	2 37	2 3	31 38	15 25	14 49	14 22	13 10		n.a.
M30	23n47	20s 6	3n32	21n52	0s27	17n53	1s18	24n12	0n52	23n53	0n44	23n59	0n35	10n11	0s26	2s38	2n 3	31n37	15n24	14n51	14n23	13s 8		n.a.

Julian Day Number = 1356689.5, Delta T = 07h02m33s
Ecliptic obliquity = 23°48'44, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°51'42, Lahiri = -17°44'41 Julian Calendar 1 June 999 BCE == Greg. Calendar 23 May 999 BCE

The year -998 astronomical counting style corresponds to year 999 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 999 BCE
geocentric

JULY 999 BCE (-998) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 56 36	27♊55'52	19♉12	11♊40	25♉30	19♊32	13♋13	10♋31	27♈ 8	11°R14	13♌46	20°R28	21♌57	27♒ 3	n.a.	T 1
W 2	18 0 33	28°53'20	1♒19	13°23	26°42	20°11	13°26	10°38	27°10	11♎14	13°48	20♌24	21°54	27°10	n.a.	W 2
T 3	18 4 29	29°50'49	13°17	15° 9	27°53	20°49	13°39	10°46	27°12	11°D14	13°49	20°22	21°51	27°17	n.a.	T 3
F 4	18 8 26	0♋48'20	25° 7	16°58	29° 5	21°28	13°52	10°53	27°14	11°14	13°51	20°D22	21°48	27°23	n.a.	F 4
S 5	18 12 22	1°45'53	6♓55	18°50	0♊16	22° 6	14° 5	11° 1	27°16	11°14	13°53	20°23	21°44	27°30	n.a.	S 5
S 6	18 16 19	2°43'27	18°44	20°44	1°28	22°44	14°18	11° 8	27°18	11°14	13°55	20°24	21°41	27°36	n.a.	S 6
M 7	18 20 16	3°41'03	0♈40	22°41	2°40	23°23	14°31	11°16	27°19	11°14	13°56	20°R25	21°38	27°43	n.a.	M 7
T 8	18 24 12	4°38'40	12°48	24°39	3°52	24° 1	14°44	11°24	27°21	11°14	13°58	20°25	21°35	27°50	n.a.	T 8
W 9	18 28 9	5°36'19	25°13	26°39	5° 3	24°39	14°57	11°31	27°23	11°14	14° 0	20°23	21°32	27°56	n.a.	W 9
T 10	18 32 5	6°34'00	7♉59	28°40	6°15	25°18	15°10	11°39	27°25	11°15	14° 2	20°19	21°28	28° 3	n.a.	T 10
F 11	18 36 2	7°31'42	21°10	0♋41	7°27	25°56	15°23	11°46	27°26	11°15	14° 4	20°14	21°25	28°10	n.a.	F 11
S 12	18 39 58	8°29'26	4♊46	2°42	8°40	26°34	15°36	11°54	27°28	11°15	14° 6	20° 7	21°22	28°16	n.a.	S 12
S 13	18 43 55	9°27'12	18°47	4°44	9°52	27°12	15°49	12° 2	27°30	11°15	14° 8	20° 1	21°19	28°23	n.a.	S 13
M14	18 47 51	10°25'00	3♋ 9	6°46	11° 4	27°51	16° 2	12° 9	27°31	11°16	14°10	19°55	21°16	28°30	n.a.	M14
T 15	18 51 48	11°22'50	17°47	8°47	12°16	28°29	16°15	12°17	27°33	11°16	14°11	19°50	21°13	28°36	n.a.	T 15
W16	18 55 45	12°20'40	2♌34	10°47	13°28	29° 7	16°28	12°24	27°34	11°16	14°13	19°47	21° 9	28°43	n.a.	W16
T 17	18 59 41	13°18'33	17°22	12°47	14°41	29°45	16°41	12°32	27°36	11°17	14°15	19°D46	21° 6	28°50	n.a.	T 17
F 18	19 3 38	14°16'27	2♍ 5	14°46	15°53	0♋24	16°54	12°40	27°37	11°17	14°17	19°47	21° 3	28°56	n.a.	F 18
S 19	19 7 34	15°14'22	16°36	16°44	17° 6	1° 2	17° 7	12°47	27°38	11°18	14°19	19°48	21° 0	29° 3	n.a.	S 19
S 20	19 11 31	16°12'18	0♎53	18°41	18°18	1°40	17°21	12°55	27°40	11°18	14°21	19°49	20°57	29°10	n.a.	S 20
M21	19 15 27	17°10'16	14°54	20°37	19°31	2°18	17°34	13° 2	27°41	11°19	14°23	19°R50	20°54	29°16	n.a.	M21
T 22	19 19 24	18° 8'16	28°37	22°32	20°44	2°56	17°47	13°10	27°42	11°20	14°26	19°50	20°50	29°23	n.a.	T 22
W23	19 23 20	19° 6'17	12♏ 4	24°25	21°56	3°34	18° 0	13°17	27°43	11°20	14°28	19°48	20°47	29°29	n.a.	W23
T 24	19 27 17	20° 4'19	25°15	26°17	23° 9	4°13	18°13	13°25	27°44	11°21	14°30	19°45	20°44	29°36	n.a.	T 24
F 25	19 31 14	21° 2'23	8♐11	28° 8	24°22	4°51	18°26	13°33	27°45	11°21	14°32	19°41	20°41	29°43	n.a.	F 25
S 26	19 35 10	22° 0'29	20°53	29°58	25°35	5°29	18°39	13°40	27°46	11°22	14°34	19°36	20°38	29°49	n.a.	S 26
S 27	19 39 7	22°58'36	3♑23	1♌47	26°48	6° 7	18°52	13°48	27°47	11°23	14°36	19°32	20°34	29°56	n.a.	S 27
M28	19 43 3	23°56'45	15°41	3°34	28° 1	6°45	19° 5	13°55	27°48	11°24	14°38	19°28	20°31	0♓ 3	n.a.	M28
T 29	19 47 0	24°54'56	27°49	5°20	29°14	7°23	19°18	14° 3	27°49	11°25	14°40	19°25	20°28	0° 9	n.a.	T 29
W30	19 50 56	25°53'09	9♒48	7° 5	0♋27	8° 1	19°31	14°10	27°50	11°25	14°42	19°24	20°25	0°16	n.a.	W30
T 31	19 54 53	26♋51'24	21♒40	8♌48	1♋41	8♋39	19♋45	14♋18	27♈50	11♎26	14♌44	19°D23	20♌22	0♓23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n48	19s47	2n40	22n19	0s13	18n13	1s15	24n16	0n52	23n52	0n44	23n58	0n35	10n12	0s26	2s38	2n 3	31n36	15n24	14n53	14n25	13s 7			n.a.
W 2	23 48	18 32	1 41	22 45	0 1	18 33	1 13	24 19	0 53	23 51	0 44	23 58	0 35	10 13	0 26	2 38	2 3	31 35	15 24	14 55	14 26	13 5			n.a.
T 3	23 49	16 29	0 38	23 9	0n11	18 52	1 10	24 22	0 53	23 50	0 44	23 57	0 35	10 14	0 26	2 38	2 3	31 35	15 23	14 55	14 27	13 4			n.a.
F 4	23 49	13 45	0s26	23 33	0 23	19 10	1 7	24 25	0 53	23 48	0 44	23 57	0 35	10 14	0 26	2 38	2 3	31 34	15 23	14 55	14 28	13 2			n.a.
S 5	23 48	10 28	1 28	23 54	0 34	19 28	1 5	24 28	0 54	23 47	0 44	23 56	0 36	10 15	0 26	2 38	2 3	31 33	15 23	14 55	14 29	13 1			n.a.
S 6	23 47	6 47	2 27	24 13	0 44	19 46	1 2	24 31	0 54	23 46	0 44	23 56	0 36	10 16	0 26	2 38	2 3	31 32	15 23	14 55	14 30	12 59			n.a.
M 7	23 46	2 47	3 21	24 30	0 54	20 3	0 59	24 33	0 55	23 44	0 44	23 55	0 36	10 16	0 26	2 38	2 3	31 31	15 22	14 54	14 31	12 58			n.a.
T 8	23 44	1n22	4 6	24 45	1 2	20 20	0 57	24 35	0 55	23 43	0 44	23 55	0 36	10 17	0 26	2 38	2 3	31 31	15 22	14 55	14 32	12 56			n.a.
W 9	23 41	5 33	4 41	24 57	1 10	20 36	0 54	24 37	0 55	23 42	0 44	23 54	0 36	10 18	0 26	2 38	2 3	31 30	15 22	14 55	14 33	12 55			n.a.
T 10	23 39	9 37	5 3	25 6	1 18	20 51	0 51	24 39	0 56	23 40	0 44	23 53	0 36	10 18	0 26	2 38	2 3	31 29	15 22	14 56	14 34	12 53			n.a.
F 11	23 36	13 21	5 10	25 13	1 24	21 6	0 48	24 41	0 56	23 39	0 44	23 53	0 36	10 19	0 26	2 39	2 3	31 28	15 21	14 58	14 35	12 52			n.a.
S 12	23 32	16 30	5 0	25 17	1 30	21 21	0 45	24 42	0 56	23 37	0 45	23 52	0 36	10 20	0 26	2 39	2 2	31 27	15 21	15 0	14 36	12 50			n.a.
S 13	23 28	18 49	4 32	25 18	1 34	21 35	0 42	24 44	0 57	23 36	0 45	23 52	0 36	10 20	0 26	2 39	2 2	31 26	15 21	15 2	14 37	12 49			n.a.
M14	23 24	20 0	3 47	25 17	1 38	21 48	0 40	24 45	0 57	23 34	0 45	23 51	0 36	10 21	0 26	2 39	2 2	31 26	15 21	15 4	14 38	12 47			n.a.
T 15	23 19	19 53	2 45	25 12	1 42	22 1	0 37	24 46	0 58	23 33	0 45	23 50	0 36	10 21	0 26	2 39	2 2	31 25	15 20	15 6	14 39	12 46			n.a.
W16	23 14	18 23	1 33	25 6	1 44	22 13	0 34	24 47	0 58	23 31	0 45	23 50	0 36	10 22	0 26	2 39	2 2	31 24	15 20	15 6	14 40	12 44			n.a.
T 17	23 8	15 40	0 13	24 57	1 46	22 24	0 31	24 47	0 58	23 30	0 45	23 49	0 37	10 22	0 26	2 40	2 2	31 23	15 20	15 7	14 41	12 43			n.a.
F 18	23 2	11 56	1n 7	24 45	1 47	22 35	0 28	24 47	0 59	23 28	0 45	23 48	0 37	10 23	0 26	2 40	2 2	31 22	15 20	15 7	14 42	12 41			n.a.
S 19	22 56	7 32	2 21	24 32	1 48	22 45	0 25	24 48	0 59	23 26	0 45	23 48	0 37	10 23	0 26	2 40	2 2	31 22	15 20	15 6	14 43	12 40			n.a.
S 20	22 49	2 47	3 26	24 16	1 48	22 55	0 22	24 48	1 0	23 25	0 45	23 47	0 37	10 24	0 26	2 40	2 2	31 21	15 20	15 6	14 44	12 38			n.a.
M21	22 41	2s 1	4 17	23 58	1 47	23 4	0 20	24 47	1 0	23 23	0 45	23 46	0 37	10 24	0 26	2 41	2 2	31 20	15 19	15 6	14 45	12 37			n.a.
T 22	22 34	6 36	4 52	23 38	1 46	23 12	0 17	24 47	1 0	23 21	0 45	23 46	0 37	10 24	0 26	2 41	2 2	31 19	15 19	15 6	14 46	12 35			n.a.
W23	22 26	10 46	5 10	23 16	1 44	23 20	0 14	24 46	1 1	23 20	0 45	23 45	0 37	10 25	0 26	2 41	2 2	31 18	15 19	15 6	14 47	12 33			n.a.
T 24	22 17	14 20	5 12	22 53	1 42	23 27	0 11	24 46	1 1	23 18	0 45	23 44	0 37	10 25	0 26	2 42	2 2	31 18	15 19	15 7	14 48	12 32			n.a.
F 25	22 8	17 7	4 57	22 28	1 39	23 33	0 8	24 45	1 1	23 16	0 46	23 44	0 37	10 26	0 26	2 42	2 2	31 17	15 19	15 9	14 49	12 30			n.a.
S 26	21 59	19 2	4 28	22 2	1 36	23 39	0 5	24 43	1 2	23 15	0 46	23 43	0 37	10 26	0 26	2 42	2 2	31 16	15 19	15 10	14 50	12 29			n.a.
S 27	21 49	20 0	3 47	21 34	1 32	23 44	0 3	24 42	1 2	23 13	0 46	23 42	0 37	10 26	0 26	2 43	2 1	31 15	15 18	15 12	14 51	12 27			n.a.
M28	21 39	19 59	2 55	21 5	1 28	23 48	0n 0	24 41	1 2	23 11	0 46	23 42	0 38	10 27	0 26	2 43	2 1	31 14	15 18	15 13	14 52	12 26			n.a.
T 29	21 29	19 2	1 56	20 35	1 24	23 52	0 3	24 39	1 3	23 9	0 46	23 41	0 38	10 27	0 27	2 43	2 1	31 14	15 18	15 14	14 53	12 24			n.a.
W30	21 18	17 14	0 53	20 4	1 19	23 54	0 6	24 37	1 3	23 7	0 46	23 40	0 38	10 27	0 27	2 44	2 1	31 13	15 18	15 14	14 54	12 23			n.a.
T 31	21n 7	14s42	0s13	19n31	1n14	23n57	0n 9	24n35	1n 3	23n 6	0n46	23n39	0n38	10n27	0s27	2s44	2n 1	31n12	15n18	15n14	14n56	12s21			n.a.

Julian Day Number = 1356719.5, Delta T = 07h02m32s
Ecliptic obliquity = 23°48'44, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°51'38, Lahiri = -17°44'37 Julian Calendar 1 July 999 BCE == Greg. Calendar 22 June 999 BCE

The year -998 astronomical counting style corresponds to year 999 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 999 BCE
geocentric

AUGUST 999 BCE (-998) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 58 49	27♋49'41	3♓28	10♌31	2♋54	9♋17	19♋58	14♋25	27♈51	11♎27	14♌47	19♌24	20♌19	0♓29	n.a.	F 1
S 2	20 2 46	28°48'00	15°15	12°12	4° 7	9°55	20°11	14°33	27°52	11°28	14°49	19°25	20°15	0°36	n.a.	S 2
S 3	20 6 43	29°46'21	27° 5	13°52	5°21	10°33	20°24	14°40	27°52	11°29	14°51	19°27	20°12	0°43	n.a.	S 3
M 4	20 10 39	0♌44'44	9♈ 1	15°31	6°34	11°11	20°37	14°48	27°53	11°30	14°53	19°28	20° 9	0°49	n.a.	M 4
T 5	20 14 36	1°43'09	21° 8	17° 9	7°48	11°49	20°50	14°55	27°53	11°31	14°55	19°29	20° 6	0°56	n.a.	T 5
W 6	20 18 32	2°41'37	3♉31	18°46	9° 1	12°27	21° 3	15° 2	27°54	11°32	14°58	19°R30	20° 3	1° 3	n.a.	W 6
T 7	20 22 29	3°40'07	16°14	20°21	10°15	13° 5	21°16	15°10	27°54	11°33	15° 0	19°29	20° 0	1° 9	n.a.	T 7
F 8	20 26 25	4°38'40	29°20	21°56	11°29	13°43	21°29	15°17	27°54	11°34	15° 2	19°28	19°56	1°16	n.a.	F 8
S 9	20 30 22	5°37'14	12♊53	23°29	12°42	14°21	21°41	15°24	27°54	11°35	15° 4	19°27	19°53	1°22	n.a.	S 9
S 10	20 34 18	6°35'52	26°53	25° 1	13°56	14°59	21°54	15°32	27°55	11°37	15° 6	19°25	19°50	1°29	n.a.	S 10
M11	20 38 15	7°34'31	11♋19	26°33	15°10	15°37	22° 7	15°39	27°55	11°38	15° 9	19°24	19°47	1°36	n.a.	M11
T 12	20 42 12	8°33'13	26° 6	28° 3	16°24	16°15	22°20	15°46	27°55	11°39	15°11	19°22	19°44	1°42	n.a.	T 12
W13	20 46 8	9°31'56	11♌ 7	29°32	17°38	16°53	22°33	15°53	27°55	11°40	15°13	19°22	19°40	1°49	n.a.	W13
T 14	20 50 5	10°30'42	26°14	1♍ 0	18°52	17°31	22°46	16° 1	27°R55	11°42	15°15	19°D22	19°37	1°56	n.a.	T 14
F 15	20 54 1	11°29'30	11♍17	2°27	20° 6	18° 9	22°59	16° 8	27°55	11°43	15°18	19°22	19°34	2° 2	n.a.	F 15
S 16	20 57 58	12°28'20	26° 9	3°53	21°20	18°47	23°11	16°15	27°55	11°44	15°20	19°23	19°31	2° 9	n.a.	S 16
S 17	21 1 54	13°27'11	10♎43	5°17	22°34	19°25	23°24	16°22	27°55	11°46	15°22	19°23	19°28	2°16	n.a.	S 17
M18	21 5 51	14°26'05	24°55	6°41	23°48	20° 3	23°37	16°29	27°55	11°47	15°24	19°24	19°25	2°22	n.a.	M18
T 19	21 9 47	15°25'00	8♏44	8° 3	25° 2	20°41	23°49	16°36	27°54	11°48	15°26	19°24	19°21	2°29	n.a.	T 19
W20	21 13 44	16°23'57	22° 9	9°24	26°17	21°19	24° 2	16°43	27°54	11°50	15°29	19°R24	19°18	2°36	n.a.	W20
T 21	21 17 40	17°22'57	5♐12	10°44	27°31	21°57	24°14	16°50	27°54	11°51	15°31	19°24	19°15	2°42	n.a.	T 21
F 22	21 21 37	18°21'58	17°56	12° 2	28°45	22°35	24°27	16°57	27°53	11°53	15°33	19°24	19°12	2°49	n.a.	F 22
S 23	21 25 34	19°21'01	0♑24	13°19	29°59	23°13	24°39	17° 3	27°53	11°54	15°35	19°D24	19° 9	2°56	n.a.	S 23
S 24	21 29 30	20°20'06	12°39	14°35	1♌14	23°51	24°52	17°10	27°52	11°56	15°38	19°24	19° 6	3° 2	n.a.	S 24
M25	21 33 27	21°19'12	24°44	15°49	2°29	24°28	25° 4	17°17	27°52	11°57	15°40	19°24	19° 2	3° 9	n.a.	M25
T 26	21 37 23	22°18'21	6♒41	17° 1	3°43	25° 6	25°17	17°24	27°51	11°59	15°42	19°24	18°59	3°16	n.a.	T 26
W27	21 41 20	23°17'32	18°33	18°12	4°58	25°44	25°29	17°30	27°50	12° 1	15°44	19°R24	18°56	3°22	n.a.	W27
T 28	21 45 16	24°16'46	0♓21	19°21	6°12	26°22	25°41	17°37	27°50	12° 2	15°47	19°24	18°53	3°29	n.a.	T 28
F 29	21 49 13	25°16'01	12° 9	20°28	7°27	27° 0	25°54	17°44	27°49	12° 4	15°49	19°24	18°50	3°35	n.a.	F 29
S 30	21 53 9	26°15'18	23°58	21°32	8°42	27°38	26° 6	17°50	27°48	12° 6	15°51	19°23	18°46	3°42	n.a.	S 30
S 31	21 57 6	27♌14'38	5♈51	22♍35	9♌56	28♋16	26♋18	17♋57	27♈47	12♎ 7	15♌53	19♌22	18♌43	3♓49	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	20n55	11s35	1s17	18n58	1n 9	23n58	0n11	24n33	1n 4	23n 4	0n46	23n39	0n38	10n28	0s27	2s45	2n 1	31n11	15n18	15n14	14n57	12s19		n.a.	F 1
S 2	20 43	8 1	2 18	18 25	1 3	23 59	0 14	24 30	1 4	23 2	0 46	23 38	0 38	10 28	0 27	2 45	2 1	31 10	15 18	15 14	14 58	12 18		n.a.	S 2
S 3	20 31	4 8	3 14	17 50	0 57	23 59	0 17	24 27	1 4	23 0	0 46	23 37	0 38	10 28	0 27	2 46	2 1	31 10	15 18	15 13	14 59	12 16		n.a.	S 3
M 4	20 18	0 4	4 1	17 15	0 51	23 58	0 19	24 25	1 5	22 58	0 46	23 37	0 38	10 28	0 27	2 46	2 1	31 9	15 18	15 13	15 0	12 15		n.a.	M 4
T 5	20 5	4n 4	4 39	16 39	0 45	23 57	0 22	24 22	1 5	22 56	0 47	23 36	0 38	10 28	0 27	2 46	2 1	31 8	15 18	15 12	15 1	12 13		n.a.	T 5
W 6	19 52	8 7	5 5	16 2	0 38	23 54	0 24	24 18	1 6	22 54	0 47	23 35	0 38	10 28	0 27	2 47	2 1	31 7	15 18	15 12	15 2	12 11		n.a.	W 6
T 7	19 38	11 54	5 16	15 25	0 31	23 51	0 27	24 15	1 6	22 52	0 47	23 34	0 39	10 29	0 27	2 47	2 1	31 7	15 18	15 12	15 3	12 10		n.a.	T 7
F 8	19 24	15 14	5 12	14 48	0 25	23 48	0 29	24 11	1 6	22 50	0 47	23 34	0 39	10 29	0 27	2 48	2 1	31 6	15 17	15 13	15 4	12 8		n.a.	F 8
S 9	19 10	17 53	4 51	14 11	0 18	23 43	0 32	24 8	1 7	22 48	0 47	23 33	0 39	10 29	0 27	2 48	2 1	31 5	15 17	15 13	15 5	12 7		n.a.	S 9
S 10	18 55	19 35	4 12	13 33	0 10	23 38	0 34	24 4	1 7	22 46	0 47	23 32	0 39	10 29	0 27	2 49	2 1	31 4	15 17	15 14	15 6	12 5		n.a.	S 10
M11	18 40	20 4	3 16	12 54	0 3	23 33	0 37	24 0	1 7	22 44	0 47	23 31	0 39	10 29	0 27	2 50	2 0	31 4	15 17	15 14	15 7	12 3		n.a.	M11
T 12	18 24	19 12	2 6	12 16	0s 4	23 26	0 39	23 55	1 8	22 42	0 47	23 31	0 39	10 29	0 27	2 50	2 0	31 3	15 17	15 14	15 8	12 2		n.a.	T 12
W13	18 9	16 59	0 46	11 38	0 12	23 19	0 41	23 51	1 8	22 40	0 47	23 30	0 39	10 29	0 27	2 51	2 0	31 2	15 17	15 15	15 9	12 0		n.a.	W13
T 14	17 53	13 34	0n38	10 59	0 20	23 11	0 44	23 46	1 8	22 38	0 48	23 29	0 39	10 29	0 27	2 51	2 0	31 2	15 17	15 15	15 10	11 59		n.a.	T 14
F 15	17 36	9 16	1 59	10 20	0 27	23 2	0 46	23 41	1 8	22 36	0 48	23 28	0 39	10 29	0 27	2 52	2 0	31 1	15 17	15 15	15 11	11 57		n.a.	F 15
S 16	17 20	4 27	3 11	9 42	0 35	22 53	0 48	23 36	1 9	22 34	0 48	23 28	0 39	10 29	0 27	2 52	2 0	31 0	15 17	15 14	15 12	11 55		n.a.	S 16
S 17	17 3	0s30	4 9	9 3	0 43	22 43	0 50	23 31	1 9	22 32	0 48	23 27	0 40	10 29	0 27	2 53	2 0	30 59	15 17	15 14	15 13	11 54		n.a.	S 17
M18	16 45	5 19	4 50	8 25	0 51	22 32	0 52	23 26	1 9	22 30	0 48	23 26	0 40	10 29	0 27	2 54	2 0	30 59	15 18	15 14	15 14	11 52		n.a.	M18
T 19	16 28	9 42	5 13	7 47	0 59	22 21	0 54	23 20	1 10	22 28	0 48	23 25	0 40	10 29	0 27	2 54	2 0	30 58	15 18	15 14	15 15	11 50		n.a.	T 19
W20	16 10	13 28	5 18	7 8	1 7	22 9	0 56	23 15	1 10	22 26	0 48	23 25	0 40	10 28	0 27	2 55	2 0	30 57	15 18	15 14	15 16	11 49		n.a.	W20
T 21	15 52	16 29	5 6	6 31	1 15	21 56	0 58	23 9	1 10	22 24	0 48	23 24	0 40	10 28	0 27	2 55	2 0	30 57	15 18	15 14	15 17	11 47		n.a.	T 21
F 22	15 34	18 37	4 40	5 53	1 22	21 42	1 0	23 3	1 11	22 22	0 49	23 23	0 40	10 28	0 27	2 56	2 0	30 56	15 18	15 14	15 18	11 46		n.a.	F 22
S 23	15 15	19 48	4 0	5 16	1 30	21 28	1 2	22 57	1 11	22 19	0 49	23 22	0 40	10 28	0 27	2 57	2 0	30 55	15 18	15 14	15 19	11 44		n.a.	S 23
S 24	14 56	20 2	3 11	4 40	1 38	21 14	1 4	22 51	1 11	22 17	0 49	23 21	0 40	10 28	0 27	2 57	2 0	30 55	15 18	15 14	15 20	11 42		n.a.	S 24
M25	14 37	19 20	2 13	4 3	1 46	20 58	1 5	22 44	1 12	22 15	0 49	23 21	0 41	10 27	0 27	2 58	2 0	30 54	15 18	15 14	15 21	11 41		n.a.	M25
T 26	14 18	17 46	1 10	3 28	1 53	20 42	1 7	22 37	1 12	22 13	0 49	23 20	0 41	10 27	0 27	2 59	2 0	30 53	15 18	15 14	15 22	11 39		n.a.	T 26
W27	13 58	15 26	0 5	2 53	2 1	20 26	1 9	22 31	1 12	22 11	0 49	23 19	0 41	10 27	0 27	2 59	2 0	30 53	15 18	15 14	15 23	11 37		n.a.	W27
T 28	13 38	12 28	1s 1	2 19	2 8	20 9	1 10	22 24	1 13	22 9	0 49	23 18	0 41	10 27	0 27	3 0	2 0	30 52	15 18	15 14	15 24	11 36		n.a.	T 28
F 29	13 18	9 0	2 3	1 46	2 16	19 51	1 12	22 16	1 13	22 6	0 50	23 18	0 41	10 26	0 27	3 1	1 59	30 52	15 18	15 14	15 25	11 34		n.a.	F 29
S 30	12 58	5 11	3 1	1 13	2 23	19 32	1 13	22 9	1 13	22 4	0 50	23 17	0 41	10 26	0 27	3 1	1 59	30 51	15 19	15 14	15 26	11 32		n.a.	S 30
S 31	12n37	1s 9	3s50	0n42	2s30	19n13	1n14	22n 2	1n13	22n 2	0n50	23n16	0n41	10n26	0s27	3s 2	1n59	30n50	15n19	15n15	15n27	11s31		n.a.	S 31

Julian Day Number = 1356750.5, Delta T = 07h02m30s
Ecliptic obliquity = 23°48'44, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°51'33, Lahiri = -17°44'33 Julian Calendar 1 Aug. 999 BCE == Greg. Calendar 23 July 999 BCE

The year -998 astronomical counting style corresponds to year 999 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 999 BCE
geocentric

SEPTEMBER 999 BCE (-998) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 1 2	28♌14'00	17♈51	23♍35	11♌11	28♋53	26♋30	18♋ 3	27°R46	12♎ 9	15♌55	19°R21	18♌40	3♓55	n.a.	M 1
T 2	22 4 59	29°13'25	0♉ 1	24°32	12°26	29°31	26°42	18° 9	27♈45	12°11	15°58	19♌20	18°37	4° 2	n.a.	T 2
W 3	22 8 56	0♍12'52	12°23	25°26	13°41	0♌ 9	26°54	18°16	27°44	12°13	16° 0	19°19	18°34	4° 9	n.a.	W 3
T 4	22 12 52	1°12'22	25° 3	26°17	14°56	0°47	27° 6	18°22	27°43	12°14	16° 2	19°18	18°31	4°15	n.a.	T 4
F 5	22 16 49	2°11'54	8♊ 4	27° 5	16°11	1°25	27°18	18°28	27°42	12°16	16° 4	19°D18	18°27	4°22	n.a.	F 5
S 6	22 20 45	3°11'28	21°27	27°49	17°26	2° 3	27°29	18°34	27°41	12°18	16° 6	19°19	18°24	4°29	n.a.	S 6
S 7	22 24 42	4°11'05	5♋17	28°28	18°41	2°40	27°41	18°40	27°40	12°20	16° 9	19°20	18°21	4°35	n.a.	S 7
M 8	22 28 38	5°10'44	19°33	29° 3	19°56	3°18	27°53	18°46	27°39	12°22	16°11	19°21	18°18	4°42	n.a.	M 8
T 9	22 32 35	6°10'26	4♌12	29°32	21°11	3°56	28° 4	18°52	27°38	12°24	16°13	19°22	18°15	4°49	n.a.	T 9
W10	22 36 31	7°10'10	19°12	29°56	22°26	4°34	28°16	18°58	27°36	12°26	16°15	19°R22	18°11	4°55	n.a.	W10
T 11	22 40 28	8° 9'56	4♍23	0♎14	23°41	5°12	28°28	19° 4	27°35	12°27	16°17	19°22	18° 8	5° 2	n.a.	T 11
F 12	22 44 25	9° 9'44	19°36	0°26	24°56	5°49	28°39	19°10	27°33	12°29	16°19	19°20	18° 5	5° 9	n.a.	F 12
S 13	22 48 21	10° 9'35	4♎43	0°R30	26°11	6°27	28°50	19°16	27°32	12°31	16°21	19°18	18° 2	5°15	n.a.	S 13
S 14	22 52 18	11° 9'27	19°33	0°26	27°26	7° 5	29° 2	19°21	27°31	12°33	16°23	19°15	17°59	5°22	n.a.	S 14
M15	22 56 14	12° 9'21	3♏59	0°14	28°42	7°43	29°13	19°27	27°29	12°35	16°26	19°12	17°56	5°29	n.a.	M15
T 16	23 0 11	13° 9'17	17°59	29♍54	29°57	8°21	29°24	19°33	27°27	12°37	16°28	19° 9	17°52	5°35	n.a.	T 16
W17	23 4 7	14° 9'15	1♐30	29°25	1♍12	8°58	29°35	19°38	27°26	12°39	16°30	19° 8	17°49	5°42	n.a.	W17
T 18	23 8 4	15° 9'15	14°35	28°46	2°27	9°36	29°46	19°43	27°24	12°41	16°32	19°D 7	17°46	5°48	n.a.	T 18
F 19	23 12 0	16° 9'16	27°16	27°59	3°43	10°14	29°57	19°49	27°22	12°43	16°34	19° 7	17°43	5°55	n.a.	F 19
S 20	23 15 57	17° 9'19	9♑38	27° 3	4°58	10°51	0♌ 8	19°54	27°21	12°46	16°36	19° 9	17°40	6° 2	n.a.	S 20
S 21	23 19 53	18° 9'24	21°45	26° 0	6°13	11°29	0°18	19°59	27°19	12°48	16°38	19°11	17°37	6° 8	n.a.	S 21
M22	23 23 50	19° 9'31	3♒42	24°50	7°29	12° 7	0°29	20° 4	27°17	12°50	16°40	19°12	17°33	6°15	n.a.	M22
T 23	23 27 47	20° 9'39	15°32	23°36	8°44	12°45	0°39	20° 9	27°15	12°52	16°42	19°R13	17°30	6°22	n.a.	T 23
W24	23 31 43	21° 9'49	27°20	22°19	9°59	13°22	0°50	20°14	27°13	12°54	16°44	19°13	17°27	6°28	n.a.	W24
T 25	23 35 40	22°10'01	9♓ 7	21° 1	11°15	14° 0	1° 0	20°19	27°11	12°56	16°45	19°11	17°24	6°35	n.a.	T 25
F 26	23 39 36	23°10'15	20°58	19°46	12°30	14°38	1°10	20°24	27°10	12°58	16°47	19° 7	17°21	6°42	n.a.	F 26
S 27	23 43 33	24°10'31	2♈53	18°34	13°46	15°15	1°21	20°28	27° 8	13° 0	16°49	19° 2	17°17	6°48	n.a.	S 27
S 28	23 47 29	25°10'48	14°55	17°30	15° 1	15°53	1°31	20°33	27° 5	13° 3	16°51	18°56	17°14	6°55	n.a.	S 28
M29	23 51 26	26°11'08	27° 4	16°34	16°17	16°31	1°41	20°38	27° 3	13° 5	16°53	18°49	17°11	7° 2	n.a.	M29
T 30	23 55 22	27♍11'30	9♉23	15♍48	17♍32	17♌ 8	1♌51	20♋42	27♈ 1	13♎ 7	16♌55	18♌42	17♌ 8	7♓ 8	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n16	2n57	4s31	0n12	2s36	18n54	1n16	21n54	1n14	22n 0	0n50	23n15	0n41	10n25	0s27	3s 3	1n59	30n50	15n19	15n15	15n28	11s29		n.a.
T 2	11 55	6 59	4 59	0s17	2 43	18 34	1 17	21 46	1 14	21 58	0 50	23 15	0 42	10 25	0 27	3 4	1 59	30 49	15 19	15 15	15 29	11 27		n.a.
W 3	11 34	10 48	5 15	0 44	2 49	18 13	1 18	21 39	1 14	21 56	0 50	23 14	0 42	10 25	0 27	3 4	1 59	30 49	15 19	15 16	15 30	11 26		n.a.
T 4	11 13	14 13	5 16	1 10	2 54	17 52	1 19	21 31	1 15	21 53	0 50	23 13	0 42	10 24	0 27	3 5	1 59	30 48	15 19	15 16	15 31	11 24		n.a.
F 5	10 51	17 3	5 0	1 34	3 0	17 30	1 20	21 22	1 15	21 51	0 51	23 13	0 42	10 24	0 27	3 6	1 59	30 48	15 20	15 16	15 32	11 22		n.a.
S 6	10 29	19 4	4 29	1 56	3 4	17 8	1 21	21 14	1 15	21 49	0 51	23 12	0 42	10 24	0 27	3 7	1 59	30 47	15 20	15 16	15 33	11 21		n.a.
S 7	10 8	20 2	3 41	2 15	3 9	16 45	1 22	21 5	1 15	21 47	0 51	23 11	0 42	10 23	0 27	3 7	1 59	30 47	15 20	15 15	15 34	11 19		n.a.
M 8	9 45	19 46	2 38	2 33	3 12	16 22	1 23	20 57	1 16	21 44	0 51	23 10	0 42	10 23	0 27	3 8	1 59	30 46	15 20	15 15	15 35	11 17		n.a.
T 9	9 23	18 10	1 23	2 48	3 15	15 59	1 24	20 48	1 16	21 42	0 51	23 10	0 43	10 22	0 27	3 9	1 59	30 46	15 20	15 15	15 36	11 16		n.a.
W10	9 1	15 17	0 1	2 59	3 17	15 35	1 24	20 39	1 16	21 40	0 51	23 9	0 43	10 22	0 27	3 10	1 59	30 45	15 21	15 15	15 37	11 14		n.a.
T 11	8 38	11 20	1n22	3 8	3 19	15 10	1 25	20 30	1 17	21 38	0 52	23 8	0 43	10 21	0 27	3 11	1 59	30 45	15 21	15 15	15 38	11 12		n.a.
F 12	8 15	6 37	2 40	3 12	3 19	14 45	1 25	20 21	1 17	21 36	0 52	23 8	0 43	10 21	0 27	3 11	1 59	30 44	15 21	15 15	15 39	11 11		n.a.
S 13	7 53	1 32	3 45	3 13	3 18	14 20	1 26	20 12	1 17	21 33	0 52	23 7	0 43	10 20	0 27	3 12	1 59	30 44	15 21	15 16	15 40	11 9		n.a.
S 14	7 30	3s32	4 34	3 10	3 16	13 54	1 26	20 2	1 17	21 31	0 52	23 6	0 43	10 20	0 27	3 13	1 59	30 43	15 21	15 17	15 41	11 7		n.a.
M15	7 6	8 17	5 4	3 2	3 12	13 28	1 27	19 53	1 18	21 29	0 52	23 6	0 43	10 19	0 27	3 14	1 59	30 43	15 22	15 18	15 42	11 5		n.a.
T 16	6 43	12 25	5 15	2 49	3 7	13 1	1 27	19 43	1 18	21 27	0 52	23 5	0 44	10 18	0 27	3 15	1 59	30 42	15 22	15 19	15 43	11 4		n.a.
W17	6 20	15 45	5 8	2 31	3 1	12 34	1 27	19 33	1 18	21 25	0 53	23 4	0 44	10 18	0 27	3 15	1 59	30 42	15 22	15 19	15 44	11 2		n.a.
T 18	5 56	18 11	4 45	2 8	2 52	12 7	1 27	19 23	1 19	21 23	0 53	23 4	0 44	10 17	0 27	3 16	1 59	30 41	15 23	15 19	15 45	11 0		n.a.
F 19	5 33	19 39	4 8	1 39	2 42	11 39	1 27	19 13	1 19	21 20	0 53	23 3	0 44	10 17	0 27	3 17	1 59	30 41	15 23	15 19	15 46	10 59		n.a.
S 20	5 9	20 7	3 21	1 5	2 29	11 11	1 28	19 3	1 19	21 18	0 53	23 2	0 44	10 16	0 27	3 18	1 59	30 41	15 23	15 19	15 47	10 57		n.a.
S 21	4 45	19 38	2 25	0 27	2 15	10 43	1 27	18 52	1 19	21 16	0 53	23 2	0 44	10 15	0 27	3 19	1 59	30 40	15 23	15 18	15 48	10 55		n.a.
M22	4 21	18 16	1 24	0n16	1 59	10 15	1 27	18 42	1 20	21 14	0 53	23 1	0 44	10 15	0 27	3 20	1 59	30 40	15 24	15 18	15 49	10 53		n.a.
T 23	3 57	16 6	0 20	1 2	1 41	9 46	1 27	18 31	1 20	21 12	0 54	23 0	0 45	10 14	0 27	3 21	1 59	30 40	15 24	15 17	15 50	10 52		n.a.
W24	3 33	13 17	0s44	1 51	1 22	9 17	1 27	18 21	1 20	21 10	0 54	23 0	0 45	10 13	0 27	3 21	1 59	30 39	15 24	15 17	15 51	10 50		n.a.
T 25	3 9	9 55	1 47	2 40	1 2	8 47	1 27	18 10	1 20	21 7	0 54	22 59	0 45	10 13	0 27	3 22	1 59	30 39	15 25	15 18	15 52	10 48		n.a.
F 26	2 45	6 9	2 45	3 29	0 42	8 18	1 26	17 59	1 21	21 5	0 54	22 59	0 45	10 12	0 27	3 23	1 58	30 39	15 25	15 19	15 53	10 46		n.a.
S 27	2 21	2 8	3 36	4 16	0 21	7 48	1 26	17 48	1 21	21 3	0 54	22 58	0 45	10 11	0 27	3 24	1 58	30 38	15 25	15 21	15 54	10 45		n.a.
S 28	1 57	2n 0	4 18	5 0	0 1	7 18	1 25	17 37	1 21	21 1	0 55	22 58	0 45	10 10	0 27	3 25	1 58	30 38	15 26	15 23	15 55	10 43		n.a.
M29	1 32	6 6	4 48	5 40	0n19	6 48	1 25	17 25	1 21	20 59	0 55	22 57	0 45	10 10	0 27	3 26	1 58	30 38	15 26	15 25	15 56	10 41		n.a.
T 30	1n 8	10n 0	5s 6	6n16	0n37	6n17	1n24	17n14	1n22	20n57	0n55	22n57	0n46	10n 9	0s27	3s27	1n58	30n38	15n26	15n27	15n57	10s40		n.a.

Julian Day Number = 1356781.5, Delta T = 07h02m29s
Ecliptic obliquity = 23°48'45, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°51'29, Lahiri = -17°44'29 Julian Calendar 1 Sept. 999 BCE == Greg. Calendar 23 Aug. 999 BCE

The year -998 astronomical counting style corresponds to year 999 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 999 BCE
geocentric

OCTOBER 999 BCE (-998) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 59 19	28♍11'53	21♉53	15°R13	18♍48	17♌46	2♌ 0	20♋46	26°R59	13♎ 9	16♌57	18°R36	17♌ 5	7♓15	n.a.	W 1
T 2	0 3 15	29°12'19	4♊36	14♍49	20° 3	18°24	2°10	20°51	26♈57	13°11	16°58	18♌31	17° 2	7°22	n.a.	T 2
F 3	0 7 12	0♎12'47	17°35	14°37	21°19	19° 1	2°20	20°55	26°55	13°13	17° 0	18°29	16°58	7°28	n.a.	F 3
S 4	0 11 9	1°13'17	0♋53	14°D37	22°34	19°39	2°29	20°59	26°53	13°16	17° 2	18°D28	16°55	7°35	n.a.	S 4
S 5	0 15 5	2°13'49	14°31	14°48	23°50	20°16	2°39	21° 3	26°51	13°18	17° 4	18°28	16°52	7°42	n.a.	S 5
M 6	0 19 2	3°14'23	28°31	15° 9	25° 5	20°54	2°48	21° 7	26°48	13°20	17° 5	18°30	16°49	7°48	n.a.	M 6
T 7	0 22 58	4°14'59	12♌53	15°39	26°21	21°32	2°57	21°11	26°46	13°22	17° 7	18°R31	16°46	7°55	n.a.	T 7
W 8	0 26 55	5°15'36	27°35	16°18	27°36	22° 9	3° 6	21°15	26°44	13°25	17° 9	18°30	16°42	8° 2	n.a.	W 8
T 9	0 30 51	6°16'16	12♍33	17° 5	28°52	22°47	3°15	21°18	26°41	13°27	17°10	18°28	16°39	8° 8	n.a.	T 9
F 10	0 34 48	7°16'57	27°38	17°58	0♎ 8	23°24	3°24	21°22	26°39	13°29	17°12	18°24	16°36	8°15	n.a.	F 10
S 11	0 38 44	8°17'40	12♎43	18°58	1°23	24° 2	3°33	21°25	26°37	13°31	17°14	18°17	16°33	8°22	n.a.	S 11
S 12	0 42 41	9°18'25	27°36	20° 3	2°39	24°40	3°41	21°29	26°34	13°34	17°15	18° 9	16°30	8°28	n.a.	S 12
M13	0 46 38	10°19'11	12♏10	21°12	3°54	25°17	3°50	21°32	26°32	13°36	17°17	18° 0	16°27	8°35	n.a.	M13
T 14	0 50 34	11°19'58	26°19	22°25	5°10	25°55	3°58	21°35	26°30	13°38	17°18	17°52	16°23	8°41	n.a.	T 14
W15	0 54 31	12°20'47	9♐58	23°41	6°26	26°32	4° 6	21°38	26°27	13°40	17°20	17°46	16°20	8°48	n.a.	W15
T 16	0 58 27	13°21'36	23° 9	25° 1	7°41	27°10	4°14	21°41	26°25	13°43	17°21	17°41	16°17	8°55	n.a.	T 16
F 17	1 2 24	14°22'27	5♑54	26°22	8°57	27°47	4°22	21°44	26°22	13°45	17°23	17°39	16°14	9° 1	n.a.	F 17
S 18	1 6 20	15°23'19	18°17	27°46	10°13	28°25	4°30	21°47	26°20	13°47	17°24	17°D39	16°11	9° 8	n.a.	S 18
S 19	1 10 17	16°24'12	0♒23	29°11	11°28	29° 2	4°38	21°49	26°17	13°49	17°25	17°39	16° 8	9°15	n.a.	S 19
M20	1 14 13	17°25'07	12°17	0♎38	12°44	29°40	4°45	21°52	26°15	13°52	17°27	17°R40	16° 4	9°21	n.a.	M20
T 21	1 18 10	18°26'02	24° 5	2° 6	14° 0	0♍17	4°53	21°54	26°12	13°54	17°28	17°40	16° 1	9°28	n.a.	T 21
W22	1 22 7	19°26'58	5♓52	3°35	15°15	0°54	5° 0	21°57	26°10	13°56	17°29	17°38	15°58	9°35	n.a.	W22
T 23	1 26 3	20°27'55	17°41	5° 4	16°31	1°32	5° 7	21°59	26° 7	13°58	17°31	17°34	15°55	9°41	n.a.	T 23
F 24	1 30 0	21°28'53	29°36	6°35	17°46	2° 9	5°14	22° 1	26° 5	14° 1	17°32	17°27	15°52	9°48	n.a.	F 24
S 25	1 33 56	22°29'52	11♈40	8° 6	19° 2	2°47	5°21	22° 3	26° 2	14° 3	17°33	17°17	15°48	9°55	n.a.	S 25
S 26	1 37 53	23°30'53	23°54	9°37	20°18	3°24	5°27	22° 5	26° 0	14° 5	17°34	17° 5	15°45	10° 1	n.a.	S 26
M27	1 41 49	24°31'54	6♉18	11° 9	21°33	4° 1	5°34	22° 7	25°57	14° 7	17°35	16°52	15°42	10° 8	n.a.	M27
T 28	1 45 46	25°32'57	18°53	12°41	22°49	4°39	5°40	22° 9	25°55	14°10	17°36	16°40	15°39	10°15	n.a.	T 28
W29	1 49 42	26°34'00	1♊39	14°13	24° 5	5°16	5°47	22°10	25°52	14°12	17°37	16°28	15°36	10°21	n.a.	W29
T 30	1 53 39	27°35'05	14°37	15°46	25°20	5°53	5°53	22°12	25°50	14°14	17°39	16°19	15°33	10°28	n.a.	T 30
F 31	1 57 36	28♎36'11	27♊46	17♎19	26♎36	6♍31	5♌59	22♋13	25♈47	14♎16	17♌40	16♌12	15♌29	10♓35	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	0n44	13n32	5s10	6n45	0n55	5n47	1n23	17n 3	1n22	20n55	0n55	22n56	0n46	10n 8	0s27	3s27	1n58	30n37	15n27	15n29	15n58	10s38			n.a.
T 2	0 19	16 30	4 58	7 9	1 10	5 16	1 23	16 51	1 22	20 53	0 55	22 55	0 46	10 7	0 27	3 28	1 58	30 37	15 27	15 31	15 59	10 36			n.a.
F 3	0s 5	18 43	4 31	7 26	1 24	4 45	1 22	16 39	1 22	20 51	0 56	22 55	0 46	10 6	0 27	3 29	1 58	30 37	15 28	15 31	15 59	10 34			n.a.
S 4	0 30	19 59	3 49	7 37	1 36	4 14	1 21	16 28	1 23	20 49	0 56	22 55	0 46	10 6	0 27	3 30	1 58	30 37	15 28	15 32	16 0	10 32			n.a.
S 5	0 54	20 8	2 54	7 42	1 46	3 43	1 20	16 16	1 23	20 47	0 56	22 54	0 46	10 5	0 27	3 31	1 58	30 36	15 28	15 32	16 1	10 31			n.a.
M 6	1 18	19 3	1 46	7 42	1 55	3 11	1 19	16 4	1 23	20 45	0 56	22 54	0 47	10 4	0 27	3 32	1 58	30 36	15 29	15 31	16 2	10 29			n.a.
T 7	1 43	16 43	0 30	7 37	2 2	2 40	1 18	15 52	1 23	20 43	0 57	22 53	0 47	10 3	0 27	3 33	1 58	30 36	15 29	15 31	16 3	10 27			n.a.
W 8	2 7	13 16	0n49	7 26	2 8	2 8	1 17	15 39	1 24	20 41	0 57	22 53	0 47	10 2	0 27	3 34	1 58	30 36	15 30	15 31	16 4	10 25			n.a.
T 9	2 32	8 54	2 6	7 12	2 12	1 37	1 16	15 27	1 24	20 39	0 57	22 52	0 47	10 2	0 27	3 35	1 58	30 36	15 30	15 32	16 5	10 24			n.a.
F 10	2 56	3 56	3 15	6 53	2 15	1 5	1 14	15 15	1 24	20 38	0 57	22 52	0 47	10 1	0 27	3 35	1 58	30 36	15 30	15 33	16 6	10 22			n.a.
S 11	3 20	1s16	4 10	6 31	2 16	0 33	1 13	15 2	1 24	20 36	0 57	22 52	0 47	10 0	0 27	3 36	1 58	30 35	15 31	15 35	16 7	10 20			n.a.
S 12	3 45	6 19	4 48	6 6	2 17	0 2	1 12	14 50	1 24	20 34	0 58	22 51	0 48	9 59	0 27	3 37	1 58	30 35	15 31	15 38	16 8	10 18			n.a.
M13	4 9	10 53	5 5	5 38	2 17	0s30	1 10	14 37	1 25	20 32	0 58	22 51	0 48	9 58	0 27	3 38	1 58	30 35	15 32	15 40	16 9	10 17			n.a.
T 14	4 33	14 43	5 3	5 8	2 16	1 2	1 9	14 24	1 25	20 30	0 58	22 50	0 48	9 57	0 27	3 39	1 58	30 35	15 32	15 43	16 10	10 15			n.a.
W15	4 57	17 36	4 44	4 35	2 14	1 34	1 8	14 12	1 25	20 29	0 58	22 50	0 48	9 56	0 27	3 40	1 58	30 35	15 33	15 45	16 11	10 13			n.a.
T 16	5 21	19 28	4 10	4 1	2 11	2 5	1 6	13 59	1 25	20 27	0 59	22 50	0 48	9 55	0 27	3 41	1 58	30 35	15 33	15 46	16 12	10 11			n.a.
F 17	5 45	20 16	3 25	3 25	2 8	2 37	1 4	13 46	1 26	20 25	0 59	22 50	0 49	9 54	0 27	3 42	1 58	30 35	15 34	15 47	16 13	10 9			n.a.
S 18	6 9	20 3	2 31	2 48	2 5	3 9	1 3	13 33	1 26	20 23	0 59	22 49	0 49	9 54	0 27	3 43	1 58	30 35	15 34	15 47	16 14	10 8			n.a.
S 19	6 33	18 54	1 31	2 10	2 0	3 40	1 1	13 20	1 26	20 22	0 59	22 49	0 49	9 53	0 27	3 43	1 58	30 35	15 34	15 47	16 15	10 6			n.a.
M20	6 57	16 55	0 29	1 31	1 56	4 12	0 59	13 7	1 26	20 20	1 0	22 49	0 49	9 52	0 27	3 44	1 58	30 35	15 35	15 47	16 16	10 4			n.a.
T 21	7 20	14 14	0s34	0 51	1 51	4 43	0 58	12 53	1 26	20 19	1 0	22 49	0 49	9 51	0 27	3 45	1 58	30 35	15 35	15 47	16 17	10 2			n.a.
W22	7 44	10 59	1 36	0 10	1 46	5 15	0 56	12 40	1 27	20 17	1 0	22 48	0 49	9 50	0 27	3 46	1 58	30 35	15 36	15 47	16 18	10 0			n.a.
T 23	8 7	7 17	2 33	0s31	1 40	5 46	0 54	12 27	1 27	20 16	1 0	22 48	0 50	9 49	0 27	3 47	1 58	30 35	15 36	15 49	16 19	9 59			n.a.
F 24	8 30	3 16	3 24	1 13	1 34	6 17	0 52	12 13	1 27	20 14	1 1	22 48	0 50	9 48	0 27	3 48	1 58	30 35	15 37	15 51	16 20	9 57			n.a.
S 25	8 53	0n55	4 7	1 55	1 28	6 48	0 50	12 0	1 27	20 13	1 1	22 48	0 50	9 47	0 27	3 49	1 58	30 35	15 37	15 54	16 21	9 55			n.a.
S 26	9 16	5 7	4 38	2 37	1 22	7 19	0 48	11 46	1 27	20 11	1 1	22 48	0 50	9 46	0 27	3 50	1 58	30 35	15 38	15 57	16 22	9 53			n.a.
M27	9 39	9 10	4 57	3 19	1 16	7 49	0 46	11 33	1 28	20 10	1 1	22 48	0 50	9 45	0 27	3 50	1 58	30 35	15 38	16 1	16 23	9 51			n.a.
T 28	10 2	12 52	5 2	4 1	1 10	8 20	0 44	11 19	1 28	20 8	1 2	22 47	0 51	9 44	0 27	3 51	1 58	30 35	15 39	16 5	16 24	9 49			n.a.
W29	10 24	16 3	4 52	4 44	1 3	8 50	0 42	11 5	1 28	20 7	1 2	22 47	0 51	9 43	0 27	3 52	1 58	30 36	15 39	16 9	16 25	9 48			n.a.
T 30	10 47	18 30	4 26	5 26	0 56	9 20	0 40	10 51	1 28	20 6	1 2	22 47	0 51	9 43	0 27	3 53	1 58	30 36	15 40	16 12	16 26	9 46			n.a.
F 31	11s 9	20n 1	3s47	6s 8	0n50	9s50	0n38	10n37	1n28	20n 5	1n 2	22n47	0n51	9n42	0s27	3s54	1n58	30n36	15n40	16n14	16n27	9s44			n.a.

Julian Day Number = 1356811.5, Delta T = 07h02m27s
Ecliptic obliquity = 23°48'45, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°51'25, Lahiri = -17°44'25 Julian Calendar 1 Oct. 999 BCE == Greg. Calendar 22 Sept. 999 BCE

The year -998 astronomical counting style corresponds to year 999 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 999 BCE
geocentric

NOVEMBER 999 BCE (-998) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 1 32	29♎37'18	11♋ 7	18♎52	27♎51	7♍ 8	6♌ 4	22♋15	25°R44	14♎18	17♌41	16°R 8	15♌26	10♓41	n.a.	S 1
S 2	2 5 29	0♏38'27	24°42	20°25	29° 7	7°45	6°10	22°16	25♈42	14°21	17°41	16♌ 7	15°23	10°48	n.a.	S 2
M 3	2 9 25	1°39'36	8♌32	21°58	0♏23	8°22	6°16	22°17	25°39	14°23	17°42	16° 7	15°20	10°55	n.a.	M 3
T 4	2 13 22	2°40'47	22°38	23°31	1°38	9° 0	6°21	22°18	25°37	14°25	17°43	16° 7	15°17	11° 1	n.a.	T 4
W 5	2 17 18	3°41'58	6♍59	25° 4	2°54	9°37	6°26	22°19	25°34	14°27	17°44	16° 6	15°14	11° 8	n.a.	W 5
T 6	2 21 15	4°43'11	21°32	26°37	4° 9	10°14	6°31	22°19	25°32	14°29	17°45	16° 2	15°10	11°15	n.a.	T 6
F 7	2 25 11	5°44'24	6♎15	28°11	5°25	10°51	6°36	22°20	25°29	14°31	17°46	15°55	15° 7	11°21	n.a.	F 7
S 8	2 29 8	6°45'38	21° 0	29°45	6°41	11°29	6°40	22°21	25°27	14°34	17°47	15°46	15° 4	11°28	n.a.	S 8
S 9	2 33 5	7°46'53	5♏39	1♏18	7°56	12° 6	6°45	22°21	25°24	14°36	17°47	15°34	15° 1	11°35	n.a.	S 9
M10	2 37 1	8°48'08	20° 5	2°52	9°12	12°43	6°49	22°21	25°22	14°38	17°48	15°21	14°58	11°41	n.a.	M10
T 11	2 40 58	9°49'24	4♐10	4°26	10°27	13°20	6°53	22°22	25°20	14°40	17°49	15° 9	14°54	11°48	n.a.	T 11
W12	2 44 54	10°50'41	17°50	6° 0	11°43	13°57	6°57	22°R22	25°17	14°42	17°49	14°59	14°51	11°55	n.a.	W12
T 13	2 48 51	11°51'57	1♑ 4	7°34	12°59	14°34	7° 1	22°22	25°15	14°44	17°50	14°51	14°48	12° 1	n.a.	T 13
F 14	2 52 47	12°53'14	13°53	9° 8	14°14	15°11	7° 5	22°21	25°12	14°46	17°50	14°46	14°45	12° 8	n.a.	F 14
S 15	2 56 44	13°54'31	26°19	10°43	15°30	15°48	7° 8	22°21	25°10	14°48	17°51	14°43	14°42	12°15	n.a.	S 15
S 16	3 0 40	14°55'48	8♒27	12°17	16°45	16°25	7°11	22°21	25° 8	14°50	17°52	14°43	14°39	12°21	n.a.	S 16
M17	3 4 37	15°57'05	20°23	13°52	18° 1	17° 2	7°14	22°20	25° 5	14°52	17°52	14°43	14°35	12°28	n.a.	M17
T 18	3 8 34	16°58'22	2♓12	15°27	19°16	17°39	7°17	22°20	25° 3	14°54	17°52	14°42	14°32	12°35	n.a.	T 18
W19	3 12 30	17°59'39	14° 0	17° 3	20°32	18°16	7°20	22°19	25° 1	14°56	17°53	14°40	14°29	12°41	n.a.	W19
T 20	3 16 27	19° 0'55	25°51	18°38	21°47	18°53	7°22	22°18	24°58	14°58	17°53	14°35	14°26	12°48	n.a.	T 20
F 21	3 20 23	20° 2'12	7♈50	20°14	23° 3	19°30	7°25	22°17	24°56	15° 0	17°53	14°28	14°23	12°55	n.a.	F 21
S 22	3 24 20	21° 3'28	20° 2	21°50	24°18	20° 7	7°27	22°16	24°54	15° 2	17°54	14°17	14°19	13° 1	n.a.	S 22
S 23	3 28 16	22° 4'45	2♉27	23°26	25°34	20°43	7°29	22°15	24°52	15° 4	17°54	14° 5	14°16	13° 8	n.a.	S 23
M24	3 32 13	23° 6'01	15° 6	25° 3	26°49	21°20	7°31	22°14	24°50	15° 6	17°54	13°51	14°13	13°15	n.a.	M24
T 25	3 36 10	24° 7'17	28° 1	26°40	28° 5	21°57	7°32	22°12	24°47	15° 8	17°54	13°37	14°10	13°21	n.a.	T 25
W26	3 40 6	25° 8'33	11♊ 9	28°17	29°20	22°34	7°33	22°11	24°45	15° 9	17°55	13°24	14° 7	13°28	n.a.	W26
T 27	3 44 3	26° 9'49	24°29	29°55	0♐35	23°10	7°35	22° 9	24°43	15°11	17°55	13°14	14° 4	13°35	n.a.	T 27
F 28	3 47 59	27°11'05	8♋ 0	1♐33	1°51	23°47	7°36	22° 8	24°41	15°13	17°55	13° 7	14° 0	13°41	n.a.	F 28
S 29	3 51 56	28°12'22	21°39	3°11	3° 6	24°24	7°36	22° 6	24°39	15°15	17°55	13° 3	13°57	13°48	n.a.	S 29
S 30	3 55 52	29♏13'38	5♌25	4♐50	4♐22	25♍ 0	7♌37	22♋ 4	24♈37	15♎17	17°R55	13♌ 1	13♌54	13♓55	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	11s31	20n27	2s54	6s50	0n43	10s19	0n36	10n24	1n28	20n 3	1n 3	22n47	0n51	9n41	0s27	3s55	1n58	30n36	15n41	16n15	16n27	9s42		n.a.	
S 2	11 52	19 42	1 51	7 32	0 36	10 49	0 34	10 10	1 29	20 2	1 3	22 47	0 51	9 40	0 27	3 56	1 58	30 36	15 41	16 15	16 28	9 40		n.a.	
M 3	12 14	17 46	0 40	8 14	0 29	11 18	0 31	9 56	1 29	20 1	1 3	22 47	0 52	9 39	0 27	3 56	1 58	30 36	15 42	16 15	16 29	9 38		n.a.	
T 4	12 35	14 44	0n34	8 55	0 23	11 46	0 29	9 42	1 29	20 0	1 3	22 47	0 52	9 38	0 27	3 57	1 58	30 37	15 43	16 15	16 30	9 37		n.a.	
W 5	12 57	10 45	1 48	9 36	0 16	12 15	0 27	9 27	1 29	19 59	1 4	22 47	0 52	9 37	0 27	3 58	1 58	30 37	15 43	16 16	16 31	9 35		n.a.	
T 6	13 18	6 5	2 56	10 17	0 9	12 43	0 25	9 13	1 29	19 58	1 4	22 47	0 52	9 36	0 27	3 59	1 58	30 37	15 44	16 17	16 32	9 33		n.a.	
F 7	13 38	1 2	3 52	10 57	0 3	13 11	0 22	8 59	1 29	19 57	1 4	22 47	0 52	9 35	0 27	4 0	1 58	30 37	15 44	16 19	16 33	9 31		n.a.	
S 8	13 59	4s 6	4 33	11 37	0s 4	13 38	0 20	8 45	1 30	19 56	1 5	22 47	0 53	9 34	0 27	4 0	1 59	30 37	15 45	16 22	16 34	9 29		n.a.	
S 9	14 19	8 58	4 56	12 17	0 11	14 6	0 18	8 31	1 30	19 55	1 5	22 48	0 53	9 33	0 27	4 1	1 59	30 38	15 45	16 25	16 35	9 27		n.a.	
M10	14 39	13 14	5 0	12 56	0 17	14 32	0 15	8 16	1 30	19 54	1 5	22 48	0 53	9 32	0 27	4 2	1 59	30 38	15 46	16 29	16 36	9 26		n.a.	
T 11	14 59	16 39	4 44	13 34	0 24	14 59	0 13	8 2	1 30	19 54	1 5	22 48	0 53	9 32	0 27	4 3	1 59	30 38	15 46	16 33	16 37	9 24		n.a.	
W12	15 19	19 3	4 13	14 12	0 30	15 25	0 11	7 48	1 30	19 53	1 6	22 48	0 53	9 31	0 27	4 4	1 59	30 39	15 47	16 36	16 38	9 22		n.a.	
T 13	15 38	20 19	3 29	14 49	0 36	15 51	0 8	7 33	1 30	19 52	1 6	22 48	0 54	9 30	0 27	4 4	1 59	30 39	15 47	16 38	16 39	9 20		n.a.	
F 14	15 57	20 30	2 35	15 26	0 42	16 16	0 6	7 19	1 31	19 52	1 6	22 48	0 54	9 29	0 27	4 5	1 59	30 39	15 48	16 39	16 40	9 18		n.a.	
S 15	16 16	19 39	1 36	16 2	0 48	16 41	0 4	7 4	1 31	19 51	1 7	22 49	0 54	9 28	0 27	4 6	1 59	30 40	15 49	16 40	16 41	9 16		n.a.	
S 16	16 34	17 54	0 33	16 37	0 54	17 5	0 1	6 50	1 31	19 50	1 7	22 49	0 54	9 27	0 27	4 7	1 59	30 40	15 49	16 40	16 42	9 14		n.a.	
M17	16 52	15 24	0s30	17 12	1 0	17 29	0s 1	6 35	1 31	19 50	1 7	22 49	0 54	9 26	0 27	4 8	1 59	30 40	15 50	16 40	16 43	9 12		n.a.	
T 18	17 10	12 16	1 31	17 46	1 6	17 52	0 4	6 21	1 31	19 49	1 7	22 49	0 54	9 26	0 27	4 8	1 59	30 41	15 50	16 41	16 44	9 11		n.a.	
W19	17 27	8 40	2 28	18 19	1 11	18 15	0 6	6 6	1 31	19 49	1 8	22 50	0 55	9 25	0 27	4 9	1 59	30 41	15 51	16 41	16 44	9 9		n.a.	
T 20	17 45	4 43	3 19	18 52	1 16	18 38	0 8	5 52	1 31	19 49	1 8	22 50	0 55	9 24	0 27	4 10	1 59	30 42	15 51	16 43	16 45	9 7		n.a.	
F 21	18 2	0 32	4 2	19 23	1 21	19 0	0 11	5 37	1 31	19 48	1 8	22 50	0 55	9 23	0 27	4 10	1 59	30 42	15 52	16 45	16 46	9 5		n.a.	
S 22	18 18	3n43	4 34	19 54	1 26	19 21	0 13	5 23	1 32	19 48	1 9	22 51	0 55	9 22	0 27	4 11	1 59	30 42	15 53	16 48	16 47	9 3		n.a.	
S 23	18 34	7 55	4 54	20 23	1 31	19 42	0 15	5 8	1 32	19 48	1 9	22 51	0 55	9 21	0 27	4 12	1 59	30 43	15 53	16 52	16 48	9 1		n.a.	
M24	18 50	11 50	5 0	20 52	1 35	20 2	0 18	4 53	1 32	19 48	1 9	22 52	0 56	9 21	0 27	4 13	1 59	30 43	15 54	16 56	16 49	8 59		n.a.	
T 25	19 6	15 18	4 51	21 19	1 39	20 22	0 20	4 39	1 32	19 48	1 10	22 52	0 56	9 20	0 27	4 13	1 59	30 44	15 54	17 0	16 50	8 57		n.a.	
W26	19 21	18 4	4 26	21 46	1 43	20 41	0 22	4 24	1 32	19 47	1 10	22 52	0 56	9 19	0 27	4 14	1 59	30 44	15 55	17 3	16 51	8 55		n.a.	
T 27	19 36	19 55	3 47	22 11	1 47	21 0	0 25	4 9	1 32	19 47	1 10	22 53	0 56	9 18	0 27	4 15	1 59	30 45	15 55	17 6	16 52	8 54		n.a.	
F 28	19 50	20 40	2 54	22 35	1 50	21 18	0 27	3 55	1 32	19 47	1 10	22 53	0 56	9 18	0 27	4 15	1 59	30 45	15 56	17 8	16 53	8 52		n.a.	
S 29	20 4	20 13	1 51	22 58	1 53	21 35	0 29	3 40	1 32	19 48	1 11	22 54	0 57	9 17	0 27	4 16	1 59	30 46	15 56	17 10	16 54	8 50		n.a.	
S 30	20s18	18n34	0s40	23s20	1s56	21s52	0s31	3n25	1n32	19n48	1n11	22n54	0n57	9n16	0s27	4s17	1n59	30n46	15n57	17n10	16n55	8s48		n.a.	

Julian Day Number = 1356842.5, Delta T = 07h02m26s
Ecliptic obliquity = 23°48'45, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°51'21, Lahiri = -17°44'21 Julian Calendar 1 Nov. 999 BCE == Greg. Calendar 23 Oct. 999 BCE

The year -998 astronomical counting style corresponds to year 999 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 999 BCE
geocentric

DECEMBER 999 BCE (-998) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 59 49	0♐14'54	19♌19	6♐28	5♐37	25♍37	7♌37	22°R 2	24°R35	15♎18	17°R55	13°D 1	13♌51	14♓ 1	n.a.	M 1
T 2	4 3 45	1°16'10	3♍20	8° 8	6°52	26°14	7°38	22♋ 0	24♈33	15°20	17♌55	13°R 1	13°48	14° 8	n.a.	T 2
W 3	4 7 42	2°17'26	17°28	9°47	8° 8	26°50	7°R38	21°58	24°32	15°22	17°55	13♌ 0	13°45	14°15	n.a.	W 3
T 4	4 11 39	3°18'41	1♎41	11°27	9°23	27°27	7°38	21°56	24°30	15°23	17°55	12°57	13°41	14°21	n.a.	T 4
F 5	4 15 35	4°19'57	15°58	13° 7	10°39	28° 3	7°37	21°53	24°28	15°25	17°54	12°52	13°38	14°28	n.a.	F 5
S 6	4 19 32	5°21'12	0♏14	14°47	11°54	28°40	7°37	21°51	24°26	15°27	17°54	12°43	13°35	14°35	n.a.	S 6
S 7	4 23 28	6°22'27	14°26	16°28	13° 9	29°16	7°36	21°48	24°24	15°28	17°54	12°33	13°32	14°41	n.a.	S 7
M 8	4 27 25	7°23'42	28°28	18° 8	14°25	29°52	7°35	21°46	24°23	15°30	17°54	12°21	13°29	14°48	n.a.	M 8
T 9	4 31 21	8°24'56	12♐15	19°48	15°40	0♎29	7°34	21°43	24°21	15°31	17°54	12°10	13°25	14°55	n.a.	T 9
W10	4 35 18	9°26'10	25°43	21°28	16°55	1° 5	7°32	21°40	24°20	15°33	17°53	12° 1	13°22	15° 1	n.a.	W10
T 11	4 39 15	10°27'22	8♑50	23° 8	18°11	1°41	7°31	21°37	24°18	15°34	17°53	11°53	13°19	15° 8	n.a.	T 11
F 12	4 43 11	11°28'34	21°36	24°47	19°26	2°18	7°29	21°34	24°17	15°36	17°52	11°49	13°16	15°15	n.a.	F 12
S 13	4 47 8	12°29'45	4♒ 2	26°26	20°41	2°54	7°27	21°31	24°15	15°37	17°52	11°46	13°13	15°21	n.a.	S 13
S 14	4 51 4	13°30'55	16°11	28° 4	21°56	3°30	7°25	21°28	24°14	15°39	17°52	11°D46	13°10	15°28	n.a.	S 14
M15	4 55 1	14°32'03	28° 9	29°41	23°12	4° 6	7°23	21°24	24°12	15°40	17°51	11°47	13° 6	15°35	n.a.	M15
T 16	4 58 57	15°33'11	10♓ 0	1♑16	24°27	4°42	7°20	21°21	24°11	15°42	17°51	11°R48	13° 3	15°41	n.a.	T 16
W17	5 2 54	16°34'17	21°48	2°49	25°42	5°18	7°18	21°18	24°10	15°43	17°50	11°48	13° 0	15°48	n.a.	W17
T 18	5 6 50	17°35'22	3♈41	4°20	26°57	5°54	7°15	21°14	24° 8	15°44	17°49	11°46	12°57	15°55	n.a.	T 18
F 19	5 10 47	18°36'26	15°42	5°48	28°12	6°30	7°12	21°10	24° 7	15°45	17°49	11°42	12°54	16° 1	n.a.	F 19
S 20	5 14 44	19°37'28	27°57	7°13	29°27	7° 6	7° 9	21° 7	24° 6	15°47	17°48	11°36	12°51	16° 8	n.a.	S 20
S 21	5 18 40	20°38'30	10♉28	8°34	0♑43	7°42	7° 5	21° 3	24° 5	15°48	17°48	11°29	12°47	16°15	n.a.	S 21
M22	5 22 37	21°39'30	23°18	9°50	1°58	8°17	7° 2	20°59	24° 4	15°49	17°47	11°20	12°44	16°21	n.a.	M22
T 23	5 26 33	22°40'28	6♊27	11° 1	3°13	8°53	6°58	20°55	24° 3	15°50	17°46	11°10	12°41	16°28	n.a.	T 23
W24	5 30 30	23°41'26	19°56	12° 6	4°28	9°29	6°54	20°51	24° 2	15°51	17°45	11° 2	12°38	16°35	n.a.	W24
T 25	5 34 26	24°42'22	3♋40	13° 5	5°43	10° 4	6°50	20°47	24° 1	15°52	17°45	10°55	12°35	16°41	n.a.	T 25
F 26	5 38 23	25°43'18	17°37	13°55	6°58	10°40	6°46	20°43	24° 0	15°54	17°44	10°51	12°31	16°48	n.a.	F 26
S 27	5 42 19	26°44'12	1♌43	14°37	8°13	11°15	6°41	20°39	23°59	15°55	17°43	10°49	12°28	16°55	n.a.	S 27
S 28	5 46 16	27°45'05	15°54	15° 9	9°28	11°51	6°37	20°35	23°59	15°56	17°42	10°D48	12°25	17° 1	n.a.	S 28
M29	5 50 13	28°45'56	0♍ 7	15°32	10°43	12°26	6°32	20°31	23°58	15°57	17°41	10°49	12°22	17° 8	n.a.	M29
T 30	5 54 9	29°46'47	14°19	15°44	11°58	13° 2	6°27	20°26	23°57	15°57	17°40	10°51	12°19	17°15	n.a.	T 30
W31	5 58 6	0♑47'36	28♍28	15°R46	13♑13	13♎37	6♌22	20♋22	23♈57	15♎58	17♌39	10°R52	12♌16	17♓21	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s31	15n47	0n33	23s40	1s59	22s 8	0s34	3n11	1n32	19n48	1n11	22n55	0n57	9n16	0s27	4s17	1n59	30n47	15n58	17n10	16n56	8s46		n.a.
T 2	20 44	12 5	1 46	23 59	2 1	22 23	0 36	2 56	1 32	19 48	1 12	22 55	0 57	9 15	0 27	4 18	1 59	30 47	15 58	17 10	16 57	8 44		n.a.
W 3	20 57	7 40	2 52	24 17	2 2	22 38	0 38	2 41	1 33	19 48	1 12	22 56	0 57	9 14	0 27	4 18	1 59	30 48	15 59	17 10	16 58	8 42		n.a.
T 4	21 9	2 48	3 48	24 33	2 3	22 52	0 40	2 27	1 33	19 49	1 12	22 56	0 57	9 14	0 27	4 19	1 59	30 48	15 59	17 11	16 58	8 40		n.a.
F 5	21 20	2s13	4 30	24 47	2 4	23 5	0 42	2 12	1 33	19 49	1 13	22 57	0 58	9 13	0 27	4 20	2 0	30 49	16 0	17 13	16 59	8 38		n.a.
S 6	21 32	7 7	4 56	25 0	2 5	23 18	0 44	1 57	1 33	19 50	1 13	22 58	0 58	9 12	0 27	4 20	2 0	30 50	16 0	17 15	17 0	8 36		n.a.
S 7	21 43	11 36	5 3	25 11	2 5	23 30	0 46	1 43	1 33	19 50	1 13	22 58	0 58	9 12	0 27	4 21	2 0	30 50	16 1	17 18	17 1	8 34		n.a.
M 8	21 53	15 24	4 51	25 20	2 4	23 41	0 48	1 28	1 33	19 51	1 13	22 59	0 58	9 11	0 26	4 21	2 0	30 51	16 1	17 22	17 2	8 33		n.a.
T 9	22 3	18 17	4 23	25 27	2 3	23 52	0 50	1 13	1 33	19 51	1 14	22 59	0 58	9 10	0 26	4 22	2 0	30 51	16 2	17 25	17 3	8 31		n.a.
W10	22 13	20 5	3 40	25 33	2 1	24 2	0 52	0 59	1 33	19 52	1 14	23 0	0 58	9 10	0 26	4 23	2 0	30 52	16 3	17 27	17 4	8 29		n.a.
T 11	22 22	20 45	2 46	25 36	1 58	24 11	0 54	0 44	1 33	19 52	1 14	23 1	0 59	9 9	0 26	4 23	2 0	30 53	16 3	17 29	17 5	8 27		n.a.
F 12	22 31	20 18	1 46	25 38	1 55	24 19	0 56	0 29	1 33	19 53	1 15	23 1	0 59	9 9	0 26	4 24	2 0	30 53	16 4	17 31	17 6	8 25		n.a.
S 13	22 39	18 53	0 41	25 37	1 52	24 27	0 58	0 15	1 33	19 54	1 15	23 2	0 59	9 8	0 26	4 24	2 0	30 54	16 4	17 31	17 7	8 23		n.a.
S 14	22 47	16 36	0s24	25 35	1 47	24 34	1 0	0 0	1 33	19 55	1 15	23 3	0 59	9 8	0 26	4 25	2 0	30 54	16 5	17 31	17 8	8 21		n.a.
M15	22 54	13 39	1 27	25 31	1 42	24 40	1 2	0s14	1 33	19 56	1 16	23 3	0 59	9 7	0 26	4 25	2 0	30 55	16 5	17 31	17 9	8 19		n.a.
T 16	23 1	10 11	2 26	25 24	1 36	24 45	1 3	0 29	1 33	19 57	1 16	23 4	1 0	9 7	0 26	4 26	2 0	30 56	16 6	17 31	17 10	8 17		n.a.
W17	23 7	6 19	3 18	25 16	1 29	24 49	1 5	0 43	1 33	19 58	1 16	23 5	1 0	9 6	0 26	4 26	2 0	30 56	16 6	17 31	17 10	8 15		n.a.
T 18	23 13	2 13	4 2	25 6	1 21	24 53	1 7	0 58	1 33	19 59	1 16	23 5	1 0	9 6	0 26	4 26	2 0	30 57	16 7	17 31	17 11	8 13		n.a.
F 19	23 19	2n 2	4 36	24 53	1 13	24 56	1 8	1 12	1 33	20 0	1 17	23 6	1 0	9 5	0 26	4 27	2 0	30 58	16 7	17 33	17 12	8 11		n.a.
S 20	23 24	6 16	4 58	24 40	1 3	24 58	1 10	1 26	1 33	20 1	1 17	23 7	1 0	9 5	0 26	4 27	2 0	30 59	16 8	17 34	17 13	8 9		n.a.
S 21	23 29	10 20	5 7	24 24	0 52	25 0	1 11	1 41	1 33	20 2	1 17	23 8	1 0	9 5	0 26	4 28	2 0	30 59	16 8	17 36	17 14	8 7		n.a.
M22	23 33	14 3	5 0	24 7	0 41	25 1	1 13	1 55	1 33	20 3	1 18	23 8	1 0	9 4	0 26	4 28	2 0	31 0	16 9	17 39	17 15	8 5		n.a.
T 23	23 36	17 10	4 38	23 49	0 28	25 0	1 14	2 9	1 33	20 4	1 18	23 9	1 1	9 4	0 26	4 29	2 1	31 1	16 9	17 42	17 16	8 3		n.a.
W24	23 40	19 26	4 0	23 30	0 15	25 0	1 15	2 24	1 33	20 6	1 18	23 10	1 1	9 4	0 26	4 29	2 1	31 1	16 10	17 44	17 17	8 1		n.a.
T 25	23 42	20 39	3 7	23 10	0 0	24 58	1 17	2 38	1 33	20 7	1 18	23 11	1 1	9 3	0 26	4 29	2 1	31 2	16 10	17 46	17 18	7 59		n.a.
F 26	23 45	20 37	2 2	22 49	0n15	24 55	1 18	2 52	1 33	20 8	1 19	23 12	1 1	9 3	0 26	4 30	2 1	31 3	16 11	17 47	17 19	7 57		n.a.
S 27	23 46	19 17	0 49	22 28	0 32	24 52	1 19	3 6	1 33	20 10	1 19	23 12	1 1	9 3	0 26	4 30	2 1	31 3	16 11	17 48	17 20	7 55		n.a.
S 28	23 48	16 45	0n28	22 8	0 49	24 48	1 20	3 20	1 33	20 11	1 19	23 13	1 1	9 3	0 26	4 30	2 1	31 4	16 12	17 48	17 20	7 53		n.a.
M29	23 48	13 12	1 43	21 48	1 6	24 43	1 21	3 34	1 32	20 13	1 20	23 14	1 2	9 2	0 26	4 31	2 1	31 5	16 12	17 47	17 21	7 51		n.a.
T 30	23 49	8 54	2 52	21 29	1 24	24 38	1 22	3 48	1 32	20 14	1 20	23 15	1 2	9 2	0 26	4 31	2 1	31 6	16 13	17 47	17 22	7 49		n.a.
W31	23s49	4n 7	3n50	21s11	1n42	24s32	1s23	4s 2	1n32	20n16	1n20	23n16	1n 2	9n 2	0s26	4s31	2n 1	31n 6	16n13	17n47	17n23	7s47		n.a.

Julian Day Number = 1356872.5, Delta T = 07h02m24s
Ecliptic obliquity = 23°48'45, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°51'17, Lahiri = -17°44'16 Julian Calendar 1 Dec. 999 BCE == Greg. Calendar 22 Nov. 999 BCE

The year -998 astronomical counting style corresponds to year 999 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 998 BCE
geocentric

JANUARY 998 BCE (-997) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 2 2	1♑48'25	12♎34	15°R36	14♑28	14♎12	6°R17	20°R18	23°R56	15♎59	17°R38	10°R51	12♌12	17♓28	n.a.	T 1
F 2	6 5 59	2°49'12	26°33	15♑16	15°43	14°47	6♌11	20♋13	23♈56	16° 0	17♌37	10♌49	12° 9	17°35	n.a.	F 2
S 3	6 9 55	3°49'58	10♏26	14°45	16°58	15°22	6° 6	20° 9	23°55	16° 1	17°36	10°45	12° 6	17°41	n.a.	S 3
S 4	6 13 52	4°50'43	24°11	14° 4	18°13	15°58	6° 0	20° 4	23°55	16° 2	17°35	10°40	12° 3	17°48	n.a.	S 4
M 5	6 17 49	5°51'27	7♐44	13°15	19°28	16°33	5°54	20° 0	23°54	16° 2	17°34	10°34	12° 0	17°55	n.a.	M 5
T 6	6 21 45	6°52'09	21° 4	12°18	20°43	17° 7	5°48	19°55	23°54	16° 3	17°33	10°28	11°57	18° 1	n.a.	T 6
W 7	6 25 42	7°52'49	4♑10	11°15	21°57	17°42	5°42	19°50	23°54	16° 4	17°32	10°23	11°53	18° 8	n.a.	W 7
T 8	6 29 38	8°53'28	17° 0	10° 9	23°12	18°17	5°36	19°46	23°54	16° 4	17°31	10°19	11°50	18°15	n.a.	T 8
F 9	6 33 35	9°54'06	29°34	9° 0	24°27	18°52	5°29	19°41	23°54	16° 5	17°29	10°17	11°47	18°21	n.a.	F 9
S 10	6 37 31	10°54'41	11♒54	7°51	25°42	19°26	5°23	19°36	23°54	16° 6	17°28	10°D16	11°44	18°28	n.a.	S 10
S 11	6 41 28	11°55'15	24° 0	6°43	26°57	20° 1	5°16	19°32	23°D53	16° 6	17°27	10°17	11°41	18°35	n.a.	S 11
M12	6 45 24	12°55'47	5♓57	5°38	28°11	20°35	5°10	19°27	23°54	16° 7	17°26	10°19	11°37	18°41	n.a.	M12
T 13	6 49 21	13°56'16	17°48	4°38	29°26	21°10	5° 3	19°22	23°54	16° 7	17°24	10°21	11°34	18°48	n.a.	T 13
W14	6 53 18	14°56'44	29°37	3°43	0♒41	21°44	4°56	19°17	23°54	16° 8	17°23	10°22	11°31	18°55	n.a.	W14
T 15	6 57 14	15°57'10	11♈30	2°55	1°55	22°18	4°49	19°12	23°54	16° 8	17°22	10°R23	11°28	19° 1	n.a.	T 15
F 16	7 1 11	16°57'33	23°30	2°13	3°10	22°53	4°42	19° 8	23°54	16° 8	17°20	10°23	11°25	19° 8	n.a.	F 16
S 17	7 5 7	17°57'54	5♉44	1°39	4°25	23°27	4°35	19° 3	23°54	16° 9	17°19	10°22	11°22	19°15	n.a.	S 17
S 18	7 9 4	18°58'14	18°15	1°12	5°39	24° 1	4°27	18°58	23°55	16° 9	17°18	10°20	11°18	19°21	n.a.	S 18
M19	7 13 0	19°58'31	1♊ 7	0°52	6°54	24°35	4°20	18°53	23°55	16° 9	17°16	10°17	11°15	19°28	n.a.	M19
T 20	7 16 57	20°58'46	14°21	0°40	8° 8	25° 8	4°13	18°48	23°56	16°10	17°15	10°14	11°12	19°35	n.a.	T 20
W21	7 20 53	21°58'59	28° 0	0°D35	9°23	25°42	4° 5	18°44	23°56	16°10	17°13	10°11	11° 9	19°41	n.a.	W21
T 22	7 24 50	22°59'10	12♋ 0	0°36	10°37	26°16	3°58	18°39	23°57	16°10	17°12	10° 9	11° 6	19°48	n.a.	T 22
F 23	7 28 47	23°59'19	26°19	0°44	11°52	26°49	3°50	18°34	23°57	16°10	17°11	10° 8	11° 3	19°55	n.a.	F 23
S 24	7 32 43	24°59'26	10♌52	0°58	13° 6	27°23	3°43	18°29	23°58	16°10	17° 9	10°D 8	10°59	20° 1	n.a.	S 24
S 25	7 36 40	25°59'32	25°31	1°17	14°21	27°56	3°35	18°24	23°59	16°10	17° 8	10° 8	10°56	20° 8	n.a.	S 25
M26	7 40 36	26°59'35	10♍11	1°42	15°35	28°29	3°27	18°20	24° 0	16°10	17° 6	10° 9	10°53	20°15	n.a.	M26
T 27	7 44 33	27°59'36	24°47	2°11	16°49	29° 2	3°19	18°15	24° 0	16°R10	17° 5	10°10	10°50	20°22	n.a.	T 27
W28	7 48 29	28°59'36	9♎12	2°46	18° 4	29°35	3°12	18°10	24° 1	16°10	17° 3	10°11	10°47	20°28	n.a.	W28
T 29	7 52 26	29°59'33	23°24	3°24	19°18	0♏ 8	3° 4	18° 6	24° 2	16°10	17° 2	10°11	10°43	20°35	n.a.	T 29
F 30	7 56 22	0♒59'30	7♏21	4° 7	20°32	0°41	2°56	18° 1	24° 3	16°10	17° 0	10°R11	10°40	20°42	n.a.	F 30
S 31	8 0 19	1♒59'24	21♏ 2	4♑53	21♒46	1♏14	2♌48	17♋56	24♈ 4	16♎10	16♌59	10♌11	10♌37	20♓48	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s48	0s50	4n34	20s54	2n 0	24s24	1s24	4s16	1n32	20n17	1n20	23n16	1n 2	9n 2	0s26	4s32	2n 1	31n 7	16n13	17n47	17n24	7s45		n.a.
F 2	23 47	5 43	5 1	20 39	2 17	24 17	1 25	4 30	1 32	20 19	1 21	23 17	1 2	9 2	0 26	4 32	2 1	31 8	16 14	17 48	17 25	7 44		n.a.
S 3	23 45	10 16	5 11	20 26	2 34	24 8	1 26	4 44	1 32	20 21	1 21	23 18	1 2	9 1	0 26	4 32	2 1	31 9	16 14	17 49	17 26	7 42		n.a.
S 4	23 43	14 13	5 2	20 14	2 50	23 59	1 27	4 58	1 32	20 22	1 21	23 19	1 2	9 1	0 26	4 32	2 1	31 9	16 15	17 50	17 27	7 40		n.a.
M 5	23 41	17 23	4 37	20 5	3 4	23 49	1 27	5 12	1 32	20 24	1 21	23 20	1 3	9 1	0 26	4 33	2 1	31 10	16 15	17 52	17 28	7 38		n.a.
T 6	23 38	19 34	3 57	19 58	3 17	23 38	1 28	5 25	1 31	20 26	1 21	23 20	1 3	9 1	0 26	4 33	2 1	31 11	16 16	17 53	17 29	7 36		n.a.
W 7	23 34	20 40	3 5	19 52	3 28	23 27	1 28	5 39	1 31	20 28	1 22	23 21	1 3	9 1	0 26	4 33	2 1	31 12	16 16	17 55	17 29	7 34		n.a.
T 8	23 31	20 40	2 4	19 49	3 37	23 14	1 29	5 53	1 31	20 29	1 22	23 22	1 3	9 1	0 26	4 33	2 2	31 12	16 16	17 56	17 30	7 32		n.a.
F 9	23 26	19 36	0 58	19 47	3 43	23 1	1 29	6 6	1 31	20 31	1 22	23 23	1 3	9 1	0 26	4 33	2 2	31 13	16 17	17 56	17 31	7 30		n.a.
S 10	23 21	17 38	0s 9	19 47	3 48	22 48	1 29	6 20	1 31	20 33	1 22	23 24	1 3	9 1	0 26	4 34	2 2	31 14	16 17	17 56	17 32	7 28		n.a.
S 11	23 16	14 54	1 15	19 49	3 50	22 34	1 30	6 33	1 31	20 35	1 23	23 25	1 3	9 1	0 26	4 34	2 2	31 15	16 17	17 56	17 33	7 26		n.a.
M12	23 10	11 35	2 17	19 52	3 49	22 19	1 30	6 46	1 30	20 37	1 23	23 25	1 3	9 1	0 25	4 34	2 2	31 15	16 18	17 56	17 34	7 23		n.a.
T 13	23 4	7 50	3 12	19 57	3 47	22 3	1 30	6 59	1 30	20 39	1 23	23 26	1 3	9 1	0 25	4 34	2 2	31 16	16 18	17 55	17 35	7 21		n.a.
W14	22 58	3 48	3 59	20 3	3 42	21 47	1 30	7 13	1 30	20 40	1 23	23 27	1 4	9 1	0 25	4 34	2 2	31 17	16 19	17 55	17 36	7 19		n.a.
T 15	22 51	0n23	4 36	20 11	3 36	21 30	1 30	7 26	1 30	20 42	1 23	23 28	1 4	9 1	0 25	4 34	2 2	31 18	16 19	17 55	17 37	7 17		n.a.
F 16	22 43	4 36	5 2	20 19	3 29	21 13	1 30	7 39	1 29	20 44	1 24	23 29	1 4	9 1	0 25	4 34	2 2	31 19	16 19	17 55	17 38	7 15		n.a.
S 17	22 35	8 42	5 14	20 28	3 20	20 55	1 30	7 52	1 29	20 46	1 24	23 29	1 4	9 2	0 25	4 34	2 2	31 19	16 20	17 55	17 38	7 13		n.a.
S 18	22 27	12 32	5 12	20 38	3 10	20 36	1 30	8 5	1 29	20 48	1 24	23 30	1 4	9 2	0 25	4 34	2 2	31 20	16 20	17 56	17 39	7 11		n.a.
M19	22 18	15 54	4 55	20 49	3 0	20 17	1 29	8 18	1 29	20 50	1 24	23 31	1 4	9 2	0 25	4 34	2 2	31 21	16 20	17 56	17 40	7 9		n.a.
T 20	22 9	18 33	4 21	21 0	2 48	19 57	1 29	8 30	1 28	20 52	1 24	23 32	1 4	9 2	0 25	4 34	2 2	31 22	16 20	17 57	17 41	7 7		n.a.
W21	21 59	20 16	3 32	21 12	2 37	19 36	1 29	8 43	1 28	20 54	1 24	23 33	1 4	9 2	0 25	4 34	2 2	31 22	16 21	17 58	17 42	7 5		n.a.
T 22	21 49	20 47	2 29	21 24	2 25	19 15	1 28	8 56	1 28	20 56	1 25	23 33	1 4	9 3	0 25	4 34	2 3	31 23	16 21	17 58	17 43	7 3		n.a.
F 23	21 39	19 59	1 16	21 36	2 12	18 54	1 28	9 8	1 27	20 58	1 25	23 34	1 4	9 3	0 25	4 34	2 3	31 24	16 21	17 59	17 44	7 1		n.a.
S 24	21 28	17 51	0n 4	21 49	2 0	18 32	1 27	9 21	1 27	21 0	1 25	23 35	1 5	9 3	0 25	4 34	2 3	31 24	16 22	17 59	17 45	6 59		n.a.
S 25	21 17	14 32	1 24	22 1	1 48	18 9	1 26	9 33	1 27	21 2	1 25	23 36	1 5	9 3	0 25	4 34	2 3	31 25	16 22	17 59	17 46	6 57		n.a.
M26	21 5	10 19	2 39	22 13	1 35	17 46	1 26	9 46	1 26	21 4	1 25	23 36	1 5	9 4	0 25	4 34	2 3	31 26	16 22	17 59	17 46	6 55		n.a.
T 27	20 53	5 30	3 43	22 25	1 23	17 23	1 25	9 58	1 26	21 6	1 25	23 37	1 5	9 4	0 25	4 34	2 3	31 27	16 22	17 58	17 47	6 53		n.a.
W28	20 41	0 28	4 32	22 36	1 11	16 59	1 24	10 10	1 26	21 8	1 25	23 38	1 5	9 4	0 25	4 34	2 3	31 27	16 23	17 58	17 48	6 51		n.a.
T 29	20 28	4s32	5 4	22 47	0 59	16 34	1 23	10 22	1 25	21 10	1 26	23 38	1 5	9 5	0 25	4 34	2 3	31 28	16 23	17 58	17 49	6 49		n.a.
F 30	20 15	9 11	5 17	22 58	0 47	16 10	1 22	10 34	1 25	21 12	1 26	23 39	1 5	9 5	0 25	4 34	2 3	31 29	16 23	17 58	17 50	6 47		n.a.
S 31	20s 1	13s17	5n12	23s 7	0n36	15s44	1s21	10s46	1n24	21n14	1n26	23n40	1n 5	9n 6	0s25	4s34	2n 3	31n30	16n23	17n58	17n51	6s45		n.a.

Julian Day Number = 1356903.5, Delta T = 07h02m23s
Ecliptic obliquity = 23°48'45, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°51'13, Lahiri = -17°44'12 Julian Calendar 1 Jan. 998 BCE == Greg. Calendar 23 Dec. 999 BCE

The year -997 astronomical counting style corresponds to year 998 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 998 BCE
geocentric

FEBRUARY 998 BCE (-997) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 4 15	2♒59'17	4♐28	5♉43	23♒ 1	1♏47	2°R40	17°R52	24♈ 5	16°R10	16°R57	10°R10	10♌34	20♓55	n.a.	S 1
M 2	8 8 12	3°59'07	17°38	6°36	24°15	2°19	2♌33	17♋47	24° 6	16♎10	16♌55	10♌ 9	10°31	21° 2	n.a.	M 2
T 3	8 12 9	4°58'56	0♉34	7°32	25°29	2°51	2°25	17°43	24° 8	16° 9	16°54	10° 9	10°28	21° 8	n.a.	T 3
W 4	8 16 5	5°58'43	13°16	8°31	26°43	3°24	2°17	17°38	24° 9	16° 9	16°52	10° 8	10°24	21°15	n.a.	W 4
T 5	8 20 2	6°58'28	25°46	9°32	27°57	3°56	2° 9	17°34	24°10	16° 9	16°51	10° 8	10°21	21°22	n.a.	T 5
F 6	8 23 58	7°58'11	8♒ 5	10°36	29°11	4°28	2° 1	17°30	24°11	16° 9	16°49	10°D 8	10°18	21°28	n.a.	F 6
S 7	8 27 55	8°57'52	20°13	11°42	0♓25	5° 0	1°54	17°25	24°13	16° 8	16°47	10° 8	10°15	21°35	n.a.	S 7
S 8	8 31 51	9°57'30	2♓14	12°51	1°39	5°31	1°46	17°21	24°14	16° 8	16°46	10°R 8	10°12	21°42	n.a.	S 8
M 9	8 35 48	10°57'06	14° 7	14° 2	2°53	6° 3	1°38	17°17	24°16	16° 7	16°44	10° 8	10° 8	21°48	n.a.	M 9
T 10	8 39 44	11°56'40	25°57	15°14	4° 7	6°34	1°31	17°13	24°17	16° 7	16°43	10° 7	10° 5	21°55	n.a.	T 10
W11	8 43 41	12°56'11	7♈47	16°29	5°21	7° 5	1°23	17° 9	24°19	16° 6	16°41	10° 7	10° 2	22° 2	n.a.	W11
T 12	8 47 38	13°55'40	19°39	17°46	6°34	7°37	1°16	17° 5	24°20	16° 6	16°39	10° 7	9°59	22° 8	n.a.	T 12
F 13	8 51 34	14°55'07	1♉39	19° 4	7°48	8° 7	1° 8	17° 1	24°22	16° 5	16°38	10° 6	9°56	22°15	n.a.	F 13
S 14	8 55 31	15°54'31	13°50	20°24	9° 2	8°38	1° 1	16°57	24°24	16° 5	16°36	10°D 6	9°53	22°22	n.a.	S 14
S 15	8 59 27	16°53'53	26°17	21°46	10°16	9° 9	0°53	16°53	24°25	16° 4	16°34	10° 6	9°49	22°28	n.a.	S 15
M16	9 3 24	17°53'12	9♊ 5	23° 9	11°29	9°39	0°46	16°49	24°27	16° 4	16°33	10° 7	9°46	22°35	n.a.	M16
T 17	9 7 20	18°52'29	22°16	24°34	12°43	10°10	0°39	16°45	24°29	16° 3	16°31	10° 7	9°43	22°42	n.a.	T 17
W18	9 11 17	19°51'44	5♋53	26° 0	13°56	10°40	0°32	16°42	24°31	16° 2	16°29	10° 8	9°40	22°48	n.a.	W18
T 19	9 15 13	20°50'56	19°56	27°29	15°10	11°10	0°25	16°38	24°33	16° 2	16°28	10° 9	9°37	22°55	n.a.	T 19
F 20	9 19 10	21°50'06	4♌24	28°58	16°23	11°39	0°18	16°35	24°35	16° 1	16°26	10°R10	9°34	23° 2	n.a.	F 20
S 21	9 23 6	22°49'13	19°11	0♒29	17°37	12° 9	0°11	16°31	24°37	16° 0	16°25	10°10	9°30	23° 9	n.a.	S 21
S 22	9 27 3	23°48'18	4♍12	2° 2	18°50	12°39	0° 5	16°28	24°39	15°59	16°23	10° 9	9°27	23°15	n.a.	S 22
M23	9 31 0	24°47'22	19°17	3°35	20° 3	13° 8	29♋58	16°25	24°41	15°58	16°21	10° 7	9°24	23°22	n.a.	M23
T 24	9 34 56	25°46'23	4♎17	5°11	21°17	13°37	29°52	16°22	24°43	15°57	16°20	10° 6	9°21	23°29	n.a.	T 24
W25	9 38 53	26°45'22	19° 4	6°48	22°30	14° 6	29°45	16°18	24°45	15°57	16°18	10° 4	9°18	23°35	n.a.	W25
T 26	9 42 49	27°44'19	3♏33	8°26	23°43	14°34	29°39	16°15	24°47	15°56	16°17	10° 2	9°14	23°42	n.a.	T 26
F 27	9 46 46	28°43'14	17°38	10° 6	24°56	15° 3	29°33	16°12	24°50	15°55	16°15	10° 1	9°11	23°49	n.a.	F 27
S 28	9 50 42	29♒42'08	1♐20	11♒47	26♓ 9	15♏31	29♋27	16♋10	24♈52	15♎54	16♌13	10°D 0	9♌ 8	23♓55	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	19s48	16s38	4n49	23s16	0n25	15s19	1s20	10s58	1n24	21n16	1n26	23n41	1n 5	9n 6	0s25	4s34	2n 3	31n30	16n23	17n58	17n52	6s43			n.a.
M 2	19 34	19 3	4 12	23 25	0 14	14 53	1 18	11 10	1 23	21 17	1 26	23 41	1 5	9 6	0 25	4 34	2 3	31 31	16 24	17 58	17 53	6 41			n.a.
T 3	19 19	20 26	3 23	23 32	0 4	14 26	1 17	11 21	1 23	21 19	1 26	23 42	1 5	9 7	0 25	4 33	2 3	31 32	16 24	17 59	17 53	6 39			n.a.
W 4	19 4	20 45	2 24	23 39	0s 7	13 59	1 16	11 33	1 22	21 21	1 26	23 43	1 5	9 7	0 25	4 33	2 3	31 32	16 24	17 59	17 54	6 37			n.a.
T 5	18 49	20 2	1 19	23 44	0 16	13 32	1 14	11 44	1 22	21 23	1 26	23 43	1 5	9 8	0 25	4 33	2 3	31 33	16 24	17 59	17 55	6 35			n.a.
F 6	18 34	18 21	0 11	23 49	0 26	13 4	1 13	11 56	1 21	21 25	1 26	23 44	1 5	9 8	0 25	4 33	2 4	31 34	16 24	17 59	17 56	6 32			n.a.
S 7	18 18	15 51	0s56	23 52	0 35	12 36	1 11	12 7	1 21	21 27	1 26	23 44	1 6	9 9	0 25	4 33	2 4	31 34	16 24	17 59	17 57	6 30			n.a.
S 8	18 2	12 42	2 0	23 54	0 44	12 8	1 10	12 18	1 20	21 29	1 26	23 45	1 6	9 9	0 25	4 33	2 4	31 35	16 24	17 59	17 58	6 28			n.a.
M 9	17 45	9 4	2 58	23 56	0 52	11 40	1 8	12 29	1 20	21 30	1 26	23 46	1 6	9 10	0 25	4 32	2 4	31 36	16 25	17 59	17 59	6 26			n.a.
T 10	17 29	5 7	3 48	23 55	1 0	11 11	1 6	12 41	1 19	21 32	1 26	23 46	1 6	9 11	0 25	4 32	2 4	31 36	16 25	17 59	18 0	6 24			n.a.
W11	17 12	0 58	4 29	23 54	1 8	10 42	1 5	12 51	1 19	21 34	1 26	23 47	1 6	9 11	0 25	4 32	2 4	31 37	16 25	17 59	18 0	6 22			n.a.
T 12	16 54	3n13	4 58	23 51	1 15	10 12	1 3	13 2	1 18	21 36	1 26	23 47	1 6	9 12	0 25	4 32	2 4	31 37	16 25	17 59	18 1	6 20			n.a.
F 13	16 37	7 20	5 14	23 47	1 22	9 43	1 1	13 13	1 17	21 37	1 26	23 48	1 6	9 13	0 25	4 31	2 4	31 38	16 25	17 59	18 2	6 18			n.a.
S 14	16 19	11 12	5 17	23 42	1 29	9 13	0 59	13 24	1 17	21 39	1 27	23 48	1 6	9 13	0 25	4 31	2 4	31 39	16 25	17 59	18 3	6 16			n.a.
S 15	16 1	14 41	5 5	23 35	1 35	8 43	0 57	13 34	1 16	21 41	1 27	23 49	1 6	9 14	0 24	4 31	2 4	31 39	16 25	17 59	18 4	6 14			n.a.
M16	15 43	17 35	4 38	23 26	1 40	8 13	0 55	13 45	1 15	21 42	1 27	23 50	1 6	9 15	0 24	4 30	2 4	31 40	16 25	17 59	18 5	6 12			n.a.
T 17	15 24	19 40	3 56	23 16	1 46	7 42	0 53	13 55	1 14	21 44	1 27	23 50	1 6	9 15	0 24	4 30	2 4	31 40	16 25	17 59	18 6	6 10			n.a.
W18	15 5	20 42	2 59	23 5	1 50	7 11	0 51	14 5	1 14	21 45	1 27	23 50	1 6	9 16	0 24	4 30	2 4	31 41	16 25	17 59	18 6	6 7			n.a.
T 19	14 46	20 30	1 50	22 52	1 55	6 41	0 49	14 15	1 13	21 47	1 26	23 51	1 6	9 17	0 24	4 29	2 4	31 42	16 25	17 58	18 7	6 5			n.a.
F 20	14 27	18 57	0 32	22 37	1 59	6 10	0 46	14 26	1 12	21 48	1 26	23 51	1 6	9 18	0 24	4 29	2 4	31 42	16 25	17 58	18 8	6 3			n.a.
S 21	14 7	16 5	0n50	22 21	2 2	5 38	0 44	14 36	1 11	21 50	1 26	23 52	1 6	9 18	0 24	4 29	2 4	31 43	16 25	17 58	18 9	6 1			n.a.
S 22	13 48	12 7	2 9	22 3	2 5	5 7	0 42	14 45	1 10	21 51	1 26	23 52	1 6	9 19	0 24	4 28	2 4	31 43	16 25	17 59	18 10	5 59			n.a.
M23	13 28	7 22	3 20	21 44	2 8	4 36	0 39	14 55	1 10	21 53	1 26	23 53	1 6	9 20	0 24	4 28	2 5	31 44	16 25	17 59	18 11	5 57			n.a.
T 24	13 8	2 11	4 17	21 22	2 10	4 4	0 37	15 5	1 9	21 54	1 26	23 53	1 6	9 21	0 24	4 28	2 5	31 44	16 25	17 59	18 12	5 55			n.a.
W25	12 47	3s 2	4 55	20 59	2 12	3 33	0 34	15 14	1 8	21 55	1 26	23 54	1 6	9 22	0 24	4 27	2 5	31 45	16 25	18 0	18 12	5 53			n.a.
T 26	12 27	7 58	5 14	20 35	2 13	3 1	0 32	15 24	1 7	21 57	1 26	23 54	1 6	9 22	0 24	4 27	2 5	31 45	16 25	18 1	18 13	5 51			n.a.
F 27	12 6	12 21	5 13	20 8	2 14	2 29	0 29	15 33	1 6	21 58	1 26	23 54	1 6	9 23	0 24	4 26	2 5	31 46	16 25	18 1	18 14	5 48			n.a.
S 28	11s45	15s57	4n55	19s40	2s14	1s57	0s27	15s43	1n 5	21n59	1n26	23n55	1n 6	9n24	0s24	4s26	2n 5	31n46	16n25	18n 1	18n15	5s46			n.a.

Julian Day Number = 1356934.5, Delta T = 07h02m21s
Ecliptic obliquity = 23°48'45, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°51'08, Lahiri = -17°44'08 Julian Calendar 1 Feb. 998 BCE == Greg. Calendar 23 Jan. 998 BCE

The year -997 astronomical counting style corresponds to year 998 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 998 BCE
geocentric

MARCH 998 BCE (-997) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 54 39	0♓40'59	14♐39	13♒30	27♓23	15♏59	29°R21	16°R 7	24♈54	15°R53	16°R12	10♌ 1	9♌ 5	24♓ 2	n.a.	S 1
M 2	9 58 35	1°39'49	27°38	15°14	28°36	16°27	29♋16	16♋ 4	24°57	15♎52	16♌10	10° 2	9° 2	24° 9	n.a.	M 2
T 3	10 2 32	2°38'37	10♑18	16°59	29°48	16°54	29°10	16° 2	24°59	15°51	16° 9	10° 4	8°59	24°15	n.a.	T 3
W 4	10 6 29	3°37'23	22°44	18°47	1♈ 1	17°21	29° 5	15°59	25° 2	15°50	16° 7	10° 5	8°55	24°22	n.a.	W 4
T 5	10 10 25	4°36'07	4♒57	20°35	2°14	17°48	28°59	15°57	25° 4	15°49	16° 6	10°R 6	8°52	24°29	n.a.	T 5
F 6	10 14 22	5°34'49	17° 2	22°25	3°27	18°15	28°54	15°55	25° 7	15°47	16° 4	10° 6	8°49	24°35	n.a.	F 6
S 7	10 18 18	6°33'30	29° 0	24°17	4°40	18°42	28°49	15°52	25° 9	15°46	16° 3	10° 5	8°46	24°42	n.a.	S 7
S 8	10 22 15	7°32'08	10♓53	26°10	5°53	19° 8	28°44	15°50	25°12	15°45	16° 1	10° 2	8°43	24°49	n.a.	S 8
M 9	10 26 11	8°30'43	22°44	28° 5	7° 5	19°34	28°40	15°48	25°14	15°44	16° 0	9°58	8°40	24°55	n.a.	M 9
T 10	10 30 8	9°29'17	4♈33	0♓ 1	8°18	20° 0	28°35	15°46	25°17	15°43	15°58	9°53	8°36	25° 2	n.a.	T 10
W11	10 34 4	10°27'49	16°24	1°59	9°30	20°25	28°31	15°45	25°20	15°41	15°57	9°47	8°33	25° 9	n.a.	W11
T 12	10 38 1	11°26'18	28°19	3°58	10°43	20°50	28°27	15°43	25°22	15°40	15°55	9°42	8°30	25°16	n.a.	T 12
F 13	10 41 57	12°24'46	10♉21	5°58	11°55	21°15	28°23	15°41	25°25	15°39	15°54	9°37	8°27	25°22	n.a.	F 13
S 14	10 45 54	13°23'11	22°32	8° 0	13° 8	21°39	28°19	15°40	25°28	15°38	15°52	9°34	8°24	25°29	n.a.	S 14
S 15	10 49 51	14°21'33	4♊57	10° 3	14°20	22° 4	28°15	15°38	25°31	15°36	15°51	9°32	8°20	25°36	n.a.	S 15
M16	10 53 47	15°19'54	17°39	12° 8	15°32	22°27	28°12	15°37	25°34	15°35	15°50	9°D31	8°17	25°42	n.a.	M16
T 17	10 57 44	16°18'13	0♋43	14°13	16°45	22°51	28° 8	15°36	25°36	15°34	15°48	9°32	8°14	25°49	n.a.	T 17
W18	11 1 40	17°16'29	14°12	16°20	17°57	23°14	28° 5	15°35	25°39	15°32	15°47	9°34	8°11	25°56	n.a.	W18
T 19	11 5 37	18°14'43	28° 8	18°27	19° 9	23°37	28° 2	15°34	25°42	15°31	15°46	9°35	8° 8	26° 2	n.a.	T 19
F 20	11 9 33	19°12'55	12♌31	20°35	20°21	24° 0	28° 0	15°33	25°45	15°29	15°44	9°R35	8° 5	26° 9	n.a.	F 20
S 21	11 13 30	20°11'04	27°18	22°44	21°33	24°22	27°57	15°32	25°48	15°28	15°43	9°34	8° 1	26°16	n.a.	S 21
S 22	11 17 26	21° 9'12	12♍24	24°52	22°45	24°44	27°54	15°32	25°51	15°27	15°42	9°31	7°58	26°22	n.a.	S 22
M23	11 21 23	22° 7'18	27°40	27° 1	23°56	25° 5	27°52	15°31	25°54	15°25	15°40	9°26	7°55	26°29	n.a.	M23
T 24	11 25 19	23° 5'22	12♎56	29° 9	25° 8	25°26	27°50	15°31	25°57	15°24	15°39	9°20	7°52	26°36	n.a.	T 24
W25	11 29 16	24° 3'24	28° 1	1♈16	26°20	25°47	27°48	15°30	26° 0	15°22	15°38	9°14	7°49	26°42	n.a.	W25
T 26	11 33 13	25° 1'24	12♏45	3°23	27°31	26° 7	27°47	15°30	26° 4	15°21	15°37	9° 8	7°45	26°49	n.a.	T 26
F 27	11 37 9	25°59'24	27° 4	5°28	28°43	26°27	27°45	15°30	26° 7	15°19	15°36	9° 3	7°42	26°56	n.a.	F 27
S 28	11 41 6	26°57'21	10♐54	7°32	29°55	26°46	27°44	15°D30	26°10	15°18	15°35	9° 0	7°39	27° 3	n.a.	S 28
S 29	11 45 2	27°55'18	24°16	9°34	1♉ 6	27° 5	27°42	15°30	26°13	15°16	15°33	8°D58	7°36	27° 9	n.a.	S 29
M30	11 48 59	28°53'12	7♑12	11°34	2°17	27°24	27°42	15°30	26°16	15°15	15°32	8°58	7°33	27°16	n.a.	M30
T 31	11 52 55	29♓51'06	19♑47	13♈31	3♉29	27♏42	27♋41	15♋30	26♈19	15♎13	15♌31	9♌ 0	7♌30	27♓23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	11s24	18s36	4n20	19s10	2s14	1s26	0s24	15s52	1n 4	22n 0	1n26	23n55	1n 6	9n25	0s24	4s26	2n 5	31n47	16n25	18n 1	18n16	5s44			n.a.
M 2	11 3	20 14	3 33	18 38	2 13	0 54	0 21	16 1	1 3	22 1	1 26	23 55	1 6	9 26	0 24	4 25	2 5	31 47	16 25	18 0	18 17	5 42			n.a.
T 3	10 42	20 48	2 37	18 5	2 12	0 22	0 19	16 10	1 2	22 3	1 26	23 56	1 6	9 27	0 24	4 25	2 5	31 47	16 25	18 0	18 18	5 40			n.a.
W 4	10 20	20 19	1 34	17 30	2 10	0n10	0 16	16 19	1 0	22 4	1 26	23 56	1 6	9 28	0 24	4 24	2 5	31 48	16 25	18 0	18 18	5 38			n.a.
T 5	9 58	18 52	0 28	16 52	2 8	0 42	0 13	16 27	0 59	22 5	1 26	23 56	1 6	9 29	0 24	4 24	2 5	31 48	16 24	17 59	18 19	5 36			n.a.
F 6	9 37	16 35	0s38	16 14	2 5	1 14	0 10	16 36	0 58	22 6	1 26	23 57	1 6	9 30	0 24	4 23	2 5	31 49	16 24	17 59	18 20	5 34			n.a.
S 7	9 15	13 36	1 42	15 33	2 2	1 46	0 7	16 45	0 57	22 7	1 26	23 57	1 6	9 31	0 24	4 23	2 5	31 49	16 24	18 0	18 21	5 31			n.a.
S 8	8 52	10 4	2 41	14 50	1 58	2 18	0 5	16 53	0 56	22 8	1 25	23 57	1 6	9 32	0 24	4 22	2 5	31 49	16 24	18 1	18 22	5 29			n.a.
M 9	8 30	6 11	3 33	14 6	1 54	2 50	0 2	17 2	0 54	22 8	1 25	23 57	1 6	9 33	0 24	4 22	2 5	31 50	16 24	18 2	18 23	5 27			n.a.
T 10	8 8	2 3	4 15	13 20	1 49	3 21	0n 1	17 10	0 53	22 9	1 25	23 58	1 6	9 34	0 24	4 21	2 5	31 50	16 24	18 3	18 24	5 25			n.a.
W11	7 46	2n 9	4 47	12 32	1 43	3 53	0 4	17 18	0 52	22 10	1 25	23 58	1 6	9 35	0 24	4 21	2 5	31 50	16 24	18 4	18 24	5 23			n.a.
T 12	7 23	6 17	5 6	11 43	1 37	4 25	0 7	17 26	0 50	22 11	1 25	23 58	1 6	9 36	0 24	4 20	2 5	31 51	16 23	18 6	18 25	5 21			n.a.
F 13	7 0	10 13	5 12	10 52	1 31	4 56	0 10	17 34	0 49	22 12	1 25	23 58	1 6	9 37	0 24	4 20	2 5	31 51	16 23	18 7	18 26	5 19			n.a.
S 14	6 38	13 47	5 4	9 59	1 24	5 28	0 13	17 42	0 48	22 12	1 25	23 58	1 6	9 38	0 24	4 19	2 5	31 51	16 23	18 8	18 27	5 17			n.a.
S 15	6 15	16 50	4 42	9 5	1 16	5 59	0 16	17 50	0 46	22 13	1 25	23 58	1 6	9 39	0 24	4 19	2 5	31 52	16 23	18 9	18 28	5 14			n.a.
M16	5 52	19 9	4 6	8 10	1 8	6 30	0 19	17 57	0 45	22 13	1 25	23 59	1 6	9 40	0 24	4 18	2 6	31 52	16 23	18 9	18 29	5 12			n.a.
T 17	5 29	20 33	3 16	7 13	0 59	7 1	0 22	18 5	0 43	22 14	1 24	23 59	1 6	9 41	0 24	4 17	2 6	31 52	16 22	18 9	18 29	5 10			n.a.
W18	5 6	20 49	2 14	6 15	0 50	7 32	0 25	18 12	0 41	22 14	1 24	23 59	1 6	9 42	0 24	4 17	2 6	31 52	16 22	18 8	18 30	5 8			n.a.
T 19	4 43	19 51	1 2	5 16	0 41	8 2	0 28	18 20	0 40	22 15	1 24	23 59	1 6	9 43	0 24	4 16	2 6	31 52	16 22	18 8	18 31	5 6			n.a.
F 20	4 20	17 34	0n16	4 16	0 31	8 33	0 31	18 27	0 38	22 15	1 24	23 59	1 6	9 44	0 24	4 16	2 6	31 53	16 22	18 8	18 32	5 4			n.a.
S 21	3 57	14 5	1 35	3 15	0 21	9 3	0 34	18 34	0 36	22 16	1 24	23 59	1 6	9 45	0 24	4 15	2 6	31 53	16 21	18 8	18 33	5 1			n.a.
S 22	3 34	9 36	2 49	2 14	0 10	9 33	0 37	18 41	0 35	22 16	1 24	23 59	1 6	9 46	0 24	4 15	2 6	31 53	16 21	18 9	18 34	4 59			n.a.
M23	3 10	4 28	3 51	1 12	0n 0	10 3	0 40	18 48	0 33	22 16	1 24	23 59	1 6	9 48	0 24	4 14	2 6	31 53	16 21	18 10	18 34	4 57			n.a.
T 24	2 47	0s57	4 37	0 11	0 11	10 33	0 43	18 55	0 31	22 17	1 23	23 59	1 6	9 49	0 24	4 13	2 6	31 53	16 21	18 12	18 35	4 55			n.a.
W25	2 24	6 13	5 3	0n51	0 22	11 2	0 46	19 2	0 29	22 17	1 23	23 59	1 6	9 50	0 24	4 13	2 6	31 53	16 20	18 14	18 36	4 53			n.a.
T 26	2 0	11 1	5 8	1 52	0 33	11 31	0 49	19 9	0 27	22 17	1 23	23 59	1 6	9 51	0 24	4 12	2 6	31 54	16 20	18 15	18 37	4 51			n.a.
F 27	1 37	15 3	4 54	2 52	0 44	12 0	0 52	19 15	0 25	22 17	1 23	23 59	1 6	9 52	0 24	4 12	2 6	31 54	16 20	18 17	18 38	4 48			n.a.
S 28	1 14	18 6	4 22	3 52	0 54	12 28	0 55	19 22	0 23	22 17	1 23	23 59	1 6	9 53	0 24	4 11	2 6	31 54	16 20	18 17	18 39	4 46			n.a.
S 29	0 50	20 4	3 38	4 50	1 5	12 57	0 58	19 28	0 21	22 18	1 23	23 59	1 6	9 55	0 24	4 10	2 6	31 54	16 19	18 18	18 39	4 44			n.a.
M30	0 27	20 54	2 43	5 47	1 15	13 25	1 1	19 35	0 19	22 18	1 22	23 59	1 6	9 56	0 24	4 10	2 6	31 54	16 19	18 18	18 40	4 42			n.a.
T 31	0s 4	20s39	1n42	6n43	1n25	13n52	1n 4	19s41	0n17	22n18	1n22	23n59	1n 6	9n57	0s23	4s 9	2n 6	31n54	16n19	18n17	18n41	4s40			n.a.

Julian Day Number = 1356962.5, Delta T = 07h02m20s
Ecliptic obliquity = 23°48'46, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°51'05, Lahiri = -17°44'04 Julian Calendar 1 March 998 BCE == Greg. Calendar 20 Feb. 998 BCE

The year -997 astronomical counting style corresponds to year 998 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 998 BCE
geocentric

APRIL 998 BCE (-997) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 56 52	0♈48'58	2♒ 4	15♈26	4♉40	27♏59	27°R40	15♋31	26♈23	15°R12	15°R30	9♌ 1	7♌26	27♓29	n.a.	W 1
T 2	12 0 48	1°46'49	14° 9	17°18	5°51	28°17	27♋40	15°31	26°26	15♎10	15♌29	9°R 1	7°23	27°36	n.a.	T 2
F 3	12 4 45	2°44'38	26° 5	19° 8	7° 2	28°33	27°39	15°32	26°29	15° 9	15°28	8°59	7°20	27°43	n.a.	F 3
S 4	12 8 42	3°42'25	7♓57	20°54	8°13	28°49	27°D39	15°32	26°32	15° 7	15°27	8°55	7°17	27°49	n.a.	S 4
S 5	12 12 38	4°40'12	19°46	22°37	9°24	29° 5	27°39	15°33	26°36	15° 5	15°26	8°49	7°14	27°56	n.a.	S 5
M 6	12 16 35	5°37'56	1♈35	24°16	10°35	29°20	27°40	15°34	26°39	15° 4	15°25	8°40	7°11	28° 3	n.a.	M 6
T 7	12 20 31	6°35'40	13°27	25°53	11°46	29°34	27°40	15°35	26°42	15° 2	15°24	8°30	7° 7	28° 9	n.a.	T 7
W 8	12 24 28	7°33'21	25°23	27°25	12°56	29°48	27°41	15°36	26°46	15° 1	15°24	8°19	7° 4	28°16	n.a.	W 8
T 9	12 28 24	8°31'02	7♉23	28°55	14° 7	0♐ 2	27°42	15°37	26°49	14°59	15°23	8° 8	7° 1	28°23	n.a.	T 9
F 10	12 32 21	9°28'40	19°31	0♉20	15°17	0°15	27°43	15°39	26°53	14°57	15°22	7°58	6°58	28°30	n.a.	F 10
S 11	12 36 17	10°26'17	1♊48	1°42	16°28	0°27	27°44	15°40	26°56	14°56	15°21	7°50	6°55	28°36	n.a.	S 11
S 12	12 40 14	11°23'53	14°16	3° 0	17°38	0°39	27°45	15°42	26°59	14°54	15°20	7°44	6°51	28°43	n.a.	S 12
M13	12 44 10	12°21'27	26°59	4°15	18°49	0°50	27°47	15°43	27° 3	14°53	15°20	7°41	6°48	28°50	n.a.	M13
T 14	12 48 7	13°18'59	10♋ 0	5°26	19°59	1° 0	27°49	15°45	27° 6	14°51	15°19	7°D40	6°45	28°56	n.a.	T 14
W15	12 52 4	14°16'30	23°22	6°33	21° 9	1°10	27°51	15°47	27°10	14°49	15°18	7°40	6°42	29° 3	n.a.	W15
T 16	12 56 0	15°13'59	7♌ 8	7°35	22°19	1°19	27°53	15°49	27°13	14°48	15°18	7°R40	6°39	29°10	n.a.	T 16
F 17	12 59 57	16°11'27	21°19	8°34	23°29	1°28	27°55	15°51	27°17	14°46	15°17	7°40	6°36	29°16	n.a.	F 17
S 18	13 3 53	17° 8'53	5♍55	9°29	24°39	1°36	27°57	15°53	27°20	14°44	15°17	7°37	6°32	29°23	n.a.	S 18
S 19	13 7 50	18° 6'18	20°51	10°20	25°48	1°43	28° 0	15°55	27°23	14°43	15°16	7°32	6°29	29°30	n.a.	S 19
M20	13 11 46	19° 3'41	6♎ 2	11° 7	26°58	1°50	28° 3	15°57	27°27	14°41	15°15	7°24	6°26	29°36	n.a.	M20
T 21	13 15 43	20° 1'03	21°16	11°49	28° 8	1°56	28° 6	16° 0	27°30	14°40	15°15	7°15	6°23	29°43	n.a.	T 21
W22	13 19 39	20°58'24	6♏24	12°27	29°17	2° 1	28° 9	16° 2	27°34	14°38	15°15	7° 5	6°20	29°50	n.a.	W22
T 23	13 23 36	21°55'44	21°15	13° 0	0♊26	2° 5	28°12	16° 5	27°37	14°36	15°14	6°55	6°16	29°57	n.a.	T 23
F 24	13 27 33	22°53'04	5♐42	13°29	1°35	2° 9	28°16	16° 7	27°41	14°35	15°14	6°47	6°13	0♈ 3	n.a.	F 24
S 25	13 31 29	23°50'22	19°39	13°54	2°45	2°12	28°19	16°10	27°44	14°33	15°13	6°40	6°10	0°10	n.a.	S 25
S 26	13 35 26	24°47'40	3♑ 7	14°14	3°54	2°15	28°23	16°13	27°48	14°32	15°13	6°37	6° 7	0°17	n.a.	S 26
M27	13 39 22	25°44'57	16° 7	14°29	5° 3	2°16	28°27	16°16	27°51	14°30	15°13	6°35	6° 4	0°23	n.a.	M27
T 28	13 43 19	26°42'14	28°43	14°40	6°11	2°17	28°31	16°19	27°55	14°28	15°12	6°D35	6° 1	0°30	n.a.	T 28
W29	13 47 15	27°39'30	10♒59	14°46	7°20	2°R17	28°36	16°22	27°58	14°27	15°12	6°R35	5°57	0°37	n.a.	W29
T 30	13 51 12	28♈36'45	23♒ 2	14°R47	8♊29	2♐17	28♋40	16♋25	28♈ 2	14♎25	15♌12	6♌34	5♌54	0♈43	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n20	19s24	0n37	7n37	1n34	14n19	1n 7	19s47	0n15	22n18	1n22	23n59	1n 6	9n58	0s23	4s 9	2n 6	31n54	16n18	18n17	18n42	4s38		n.a.
T 2	0 43	17 17	0s28	8 29	1 43	14 46	1 10	19 53	0 12	22 18	1 22	23 59	1 6	9 59	0 23	4 8	2 6	31 54	16 18	18 17	18 43	4 35		n.a.
F 3	1 6	14 26	1 31	9 19	1 51	15 13	1 13	19 59	0 10	22 17	1 22	23 59	1 6	10 1	0 23	4 7	2 6	31 54	16 18	18 17	18 43	4 33		n.a.
S 4	1 30	11 1	2 29	10 7	1 59	15 39	1 16	20 5	0 7	22 17	1 22	23 59	1 6	10 2	0 23	4 7	2 6	31 54	16 17	18 19	18 44	4 31		n.a.
S 5	1 53	7 11	3 21	10 53	2 6	16 5	1 18	20 11	0 5	22 17	1 22	23 59	1 6	10 3	0 23	4 6	2 6	31 54	16 17	18 20	18 45	4 29		n.a.
M 6	2 16	3 4	4 3	11 36	2 13	16 31	1 21	20 17	0 3	22 17	1 21	23 58	1 6	10 4	0 23	4 5	2 6	31 54	16 17	18 23	18 46	4 27		n.a.
T 7	2 39	1n10	4 36	12 18	2 18	16 56	1 24	20 22	0s 0	22 17	1 21	23 58	1 6	10 6	0 23	4 5	2 6	31 54	16 16	18 25	18 47	4 24		n.a.
W 8	3 3	5 22	4 56	12 56	2 23	17 20	1 27	20 28	0 3	22 16	1 21	23 58	1 6	10 7	0 23	4 4	2 6	31 54	16 16	18 28	18 48	4 22		n.a.
T 9	3 26	9 25	5 4	13 33	2 28	17 44	1 29	20 34	0 5	22 16	1 21	23 58	1 6	10 8	0 23	4 3	2 6	31 54	16 15	18 31	18 48	4 20		n.a.
F 10	3 49	13 7	4 58	14 7	2 31	18 8	1 32	20 39	0 8	22 16	1 21	23 58	1 5	10 9	0 23	4 3	2 6	31 54	16 15	18 34	18 49	4 18		n.a.
S 11	4 12	16 18	4 38	14 39	2 34	18 32	1 35	20 44	0 11	22 15	1 20	23 58	1 5	10 11	0 23	4 2	2 6	31 54	16 15	18 36	18 50	4 16		n.a.
S 12	4 35	18 49	4 5	15 8	2 36	18 54	1 37	20 50	0 14	22 15	1 20	23 57	1 5	10 12	0 23	4 2	2 6	31 53	16 14	18 37	18 51	4 13		n.a.
M13	4 57	20 28	3 19	15 35	2 37	19 17	1 40	20 55	0 17	22 14	1 20	23 57	1 5	10 13	0 23	4 1	2 6	31 53	16 14	18 38	18 52	4 11		n.a.
T 14	5 20	21 4	2 22	15 59	2 37	19 39	1 42	21 0	0 20	22 14	1 20	23 57	1 5	10 14	0 23	4 0	2 6	31 53	16 14	18 38	18 52	4 9		n.a.
W15	5 43	20 31	1 15	16 21	2 36	20 0	1 44	21 5	0 23	22 13	1 20	23 57	1 5	10 16	0 23	4 0	2 6	31 53	16 13	18 38	18 53	4 7		n.a.
T 16	6 5	18 44	0 3	16 41	2 34	20 21	1 47	21 10	0 26	22 13	1 20	23 56	1 5	10 17	0 23	3 59	2 6	31 53	16 13	18 38	18 54	4 5		n.a.
F 17	6 28	15 45	1n12	16 58	2 32	20 42	1 49	21 15	0 29	22 12	1 19	23 56	1 5	10 18	0 23	3 58	2 6	31 53	16 12	18 38	18 55	4 2		n.a.
S 18	6 50	11 43	2 24	17 13	2 28	21 1	1 51	21 19	0 32	22 11	1 19	23 56	1 5	10 19	0 23	3 58	2 6	31 52	16 12	18 39	18 56	4 0		n.a.
S 19	7 12	6 51	3 28	17 25	2 24	21 21	1 54	21 24	0 35	22 11	1 19	23 56	1 5	10 21	0 23	3 57	2 6	31 52	16 12	18 40	18 57	3 58		n.a.
M20	7 35	1 31	4 18	17 35	2 18	21 40	1 56	21 29	0 39	22 10	1 19	23 55	1 5	10 22	0 23	3 57	2 6	31 52	16 11	18 42	18 57	3 56		n.a.
T 21	7 57	3s57	4 50	17 42	2 12	21 58	1 58	21 33	0 42	22 9	1 19	23 55	1 5	10 23	0 23	3 56	2 6	31 52	16 11	18 45	18 58	3 54		n.a.
W22	8 19	9 7	5 2	17 47	2 5	22 15	2 0	21 38	0 45	22 8	1 19	23 55	1 5	10 25	0 23	3 55	2 6	31 52	16 10	18 47	18 59	3 51		n.a.
T 23	8 40	13 39	4 53	17 50	1 57	22 33	2 2	21 42	0 49	22 7	1 18	23 54	1 5	10 26	0 23	3 55	2 6	31 51	16 10	18 50	19 0	3 49		n.a.
F 24	9 2	17 15	4 25	17 51	1 48	22 49	2 4	21 46	0 53	22 6	1 18	23 54	1 5	10 27	0 23	3 54	2 6	31 51	16 9	18 52	19 1	3 47		n.a.
S 25	9 24	19 43	3 42	17 49	1 38	23 5	2 5	21 51	0 56	22 6	1 18	23 54	1 5	10 28	0 23	3 53	2 6	31 51	16 9	18 54	19 1	3 45		n.a.
S 26	9 45	20 59	2 47	17 44	1 27	23 20	2 7	21 55	1 0	22 5	1 18	23 53	1 5	10 30	0 23	3 53	2 6	31 50	16 9	18 55	19 2	3 42		n.a.
M27	10 6	21 4	1 46	17 38	1 15	23 35	2 9	21 59	1 4	22 4	1 18	23 53	1 5	10 31	0 23	3 52	2 6	31 50	16 8	18 55	19 3	3 40		n.a.
T 28	10 27	20 4	0 42	17 29	1 3	23 49	2 10	22 3	1 8	22 3	1 18	23 52	1 5	10 32	0 23	3 52	2 6	31 50	16 8	18 55	19 4	3 38		n.a.
W29	10 48	18 7	0s23	17 18	0 49	24 2	2 12	22 7	1 11	22 2	1 17	23 52	1 5	10 33	0 23	3 51	2 6	31 49	16 7	18 55	19 5	3 36		n.a.
T 30	11n 9	15s24	1s26	17n 5	0n35	24n15	2n13	22s10	1s15	22n 0	1n17	23n52	1n 5	10n35	0s23	3s50	2n 6	31n49	16n 7	18n55	19n 5	3s33		n.a.

Julian Day Number = 1356993.5, Delta T = 07h02m18s
Ecliptic obliquity = 23°48'46, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°51'00, Lahiri = -17°44'00 Julian Calendar 1 Apr. 998 BCE == Greg. Calendar 23 March 998 BCE

The year -997 astronomical counting style corresponds to year 998 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 998 BCE
geocentric

MAY 998 BCE (-997) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 55 8	29♈34'00	4♓55	14°R44	9♊37	2°R15	28♋45	16♋29	28♈ 5	14°R24	15°R12	6°R31	5♌51	0♈50	n.a.	F 1
S 2	13 59 5	0♉31'14	16°45	14♉37	10°45	2♐13	28°49	16°32	28° 9	14♎22	15♌12	6♌26	5°48	0°57	n.a.	S 2
S 3	14 3 2	1°28'27	28°33	14°26	11°54	2°10	28°54	16°36	28°13	14°21	15°12	6°18	5°45	1° 4	n.a.	S 3
M 4	14 6 58	2°25'40	10♈25	14°10	13° 2	2° 7	28°59	16°39	28°16	14°19	15°11	6° 8	5°42	1°10	n.a.	M 4
T 5	14 10 55	3°22'53	22°21	13°51	14°10	2° 2	29° 4	16°43	28°20	14°18	15°11	5°55	5°38	1°17	n.a.	T 5
W 6	14 14 51	4°20'04	4♉24	13°28	15°18	1°57	29°10	16°47	28°23	14°16	15°D11	5°41	5°35	1°24	n.a.	W 6
T 7	14 18 48	5°17'15	16°35	13° 2	16°25	1°51	29°15	16°51	28°27	14°15	15°11	5°28	5°32	1°30	n.a.	T 7
F 8	14 22 44	6°14'26	28°54	12°34	17°33	1°45	29°21	16°55	28°30	14°13	15°11	5°16	5°29	1°37	n.a.	F 8
S 9	14 26 41	7°11'36	11♊23	12° 3	18°40	1°37	29°27	16°59	28°34	14°12	15°12	5° 5	5°26	1°44	n.a.	S 9
S 10	14 30 37	8° 8'45	24° 2	11°31	19°48	1°29	29°33	17° 3	28°37	14°10	15°12	4°58	5°22	1°50	n.a.	S 10
M11	14 34 34	9° 5'54	6♋54	10°57	20°55	1°20	29°39	17° 7	28°40	14° 9	15°12	4°54	5°19	1°57	n.a.	M11
T 12	14 38 31	10° 3'02	20° 0	10°23	22° 2	1°11	29°45	17°11	28°44	14° 7	15°12	4°51	5°16	2° 4	n.a.	T 12
W13	14 42 27	11° 0'09	3♌22	9°49	23° 9	1° 1	29°51	17°16	28°47	14° 6	15°12	4°51	5°13	2°11	n.a.	W13
T 14	14 46 24	11°57'15	17° 3	9°15	24°15	0°50	29°58	17°20	28°51	14° 4	15°12	4°51	5°10	2°17	n.a.	T 14
F 15	14 50 20	12°54'21	1♍ 4	8°43	25°22	0°39	0♌ 5	17°24	28°54	14° 3	15°13	4°50	5° 7	2°24	n.a.	F 15
S 16	14 54 17	13°51'26	15°25	8°13	26°28	0°27	0°11	17°29	28°58	14° 2	15°13	4°47	5° 3	2°31	n.a.	S 16
S 17	14 58 13	14°48'31	0♎ 5	7°44	27°35	0°14	0°18	17°34	29° 1	14° 0	15°13	4°42	5° 0	2°37	n.a.	S 17
M18	15 2 10	15°45'35	14°57	7°19	28°41	0° 1	0°25	17°38	29° 5	13°59	15°14	4°35	4°57	2°44	n.a.	M18
T 19	15 6 7	16°42'39	29°56	6°56	29°46	29♏47	0°32	17°43	29° 8	13°58	15°14	4°25	4°54	2°51	n.a.	T 19
W20	15 10 3	17°39'42	14♏51	6°37	0♋52	29°33	0°40	17°48	29°11	13°56	15°15	4°14	4°51	2°57	n.a.	W20
T 21	15 14 0	18°36'45	29°33	6°22	1°58	29°19	0°47	17°53	29°15	13°55	15°15	4° 4	4°48	3° 4	n.a.	T 21
F 22	15 17 56	19°33'49	13♐56	6°11	3° 3	29° 4	0°55	17°58	29°18	13°54	15°15	3°55	4°44	3°11	n.a.	F 22
S 23	15 21 53	20°30'52	27°53	6° 5	4° 8	28°48	1° 2	18° 3	29°21	13°53	15°16	3°49	4°41	3°18	n.a.	S 23
S 24	15 25 49	21°27'56	11♑22	6°D 3	5°13	28°33	1°10	18° 8	29°25	13°52	15°17	3°45	4°38	3°24	n.a.	S 24
M25	15 29 46	22°24'59	24°25	6° 6	6°18	28°16	1°18	18°14	29°28	13°50	15°17	3°43	4°35	3°31	n.a.	M25
T 26	15 33 42	23°22'04	7♒ 3	6°14	7°22	28° 0	1°26	18°19	29°31	13°49	15°18	3°D43	4°32	3°38	n.a.	T 26
W27	15 37 39	24°19'08	19°22	6°27	8°26	27°43	1°34	18°24	29°35	13°48	15°18	3°R43	4°28	3°44	n.a.	W27
T 28	15 41 36	25°16'12	1♓27	6°45	9°31	27°26	1°43	18°30	29°38	13°47	15°19	3°43	4°25	3°51	n.a.	T 28
F 29	15 45 32	26°13'17	13°21	7° 8	10°34	27° 9	1°51	18°35	29°41	13°46	15°20	3°41	4°22	3°58	n.a.	F 29
S 30	15 49 29	27°10'23	25°12	7°35	11°38	26°52	1°59	18°41	29°44	13°45	15°21	3°38	4°19	4° 5	n.a.	S 30
S 31	15 53 25	28♉ 7'29	7♈ 3	8♉ 8	12♋41	26♏35	2♌ 8	18♋46	29♈48	13♎44	15♌21	3♌32	4♌16	4♈11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
F 1	11n29	12s 5	2s24	16n50	0n20	24n27	2n15	22s14	1s19	21n59	1n17	23n51	1n 5	10n36	0s23	3s50	2n 6	31n49	16n 6	18n56	19n 6	3s31			n.a.
S 2	11 50	8 18	3 15	16 33	0 5	24 39	2 16	22 17	1 23	21 58	1 17	23 51	1 5	10 37	0 23	3 49	2 6	31 48	16 6	18 57	19 7	3 29			n.a.
S 3	12 10	4 13	3 58	16 14	0s11	24 50	2 17	22 21	1 28	21 57	1 17	23 50	1 5	10 39	0 23	3 49	2 6	31 48	16 5	18 59	19 8	3 27			n.a.
M 4	12 30	0n 3	4 31	15 54	0 27	25 0	2 18	22 24	1 32	21 56	1 17	23 50	1 5	10 40	0 23	3 48	2 6	31 48	16 5	19 2	19 9	3 25			n.a.
T 5	12 50	4 20	4 52	15 32	0 44	25 9	2 19	22 27	1 36	21 55	1 16	23 49	1 5	10 41	0 23	3 47	2 6	31 47	16 4	19 5	19 9	3 22			n.a.
W 6	13 10	8 29	5 0	15 10	1 1	25 18	2 20	22 30	1 40	21 53	1 16	23 49	1 5	10 42	0 23	3 47	2 6	31 47	16 4	19 9	19 10	3 20			n.a.
T 7	13 29	12 21	4 54	14 46	1 18	25 26	2 21	22 33	1 44	21 52	1 16	23 48	1 5	10 44	0 23	3 46	2 6	31 46	16 4	19 12	19 11	3 18			n.a.
F 8	13 49	15 45	4 35	14 21	1 35	25 34	2 21	22 36	1 49	21 51	1 16	23 48	1 5	10 45	0 23	3 46	2 6	31 46	16 3	19 15	19 12	3 16			n.a.
S 9	14 8	18 29	4 3	13 56	1 51	25 41	2 22	22 39	1 53	21 49	1 16	23 47	1 5	10 46	0 23	3 45	2 6	31 45	16 3	19 17	19 12	3 13			n.a.
S 10	14 26	20 23	3 18	13 30	2 7	25 47	2 22	22 42	1 57	21 48	1 16	23 47	1 5	10 47	0 23	3 45	2 6	31 45	16 2	19 19	19 13	3 11			n.a.
M11	14 45	21 16	2 22	13 5	2 23	25 52	2 23	22 44	2 2	21 46	1 16	23 46	1 5	10 49	0 23	3 44	2 6	31 44	16 2	19 20	19 14	3 9			n.a.
T 12	15 3	21 1	1 18	12 40	2 38	25 57	2 23	22 46	2 6	21 45	1 15	23 45	1 5	10 50	0 23	3 44	2 6	31 44	16 1	19 21	19 15	3 7			n.a.
W13	15 22	19 35	0 8	12 16	2 52	26 1	2 23	22 49	2 11	21 43	1 15	23 45	1 5	10 51	0 23	3 43	2 6	31 43	16 1	19 21	19 16	3 4			n.a.
T 14	15 40	16 59	1n 4	11 53	3 5	26 4	2 23	22 51	2 15	21 42	1 15	23 44	1 5	10 52	0 23	3 43	2 6	31 43	16 0	19 21	19 16	3 2			n.a.
F 15	15 57	13 21	2 14	11 31	3 17	26 7	2 23	22 53	2 20	21 40	1 15	23 44	1 5	10 54	0 23	3 42	2 6	31 42	16 0	19 21	19 17	3 0			n.a.
S 16	16 15	8 51	3 17	11 11	3 28	26 9	2 23	22 54	2 24	21 39	1 15	23 43	1 5	10 55	0 23	3 42	2 6	31 42	15 59	19 22	19 18	2 57			n.a.
S 17	16 32	3 45	4 8	10 53	3 37	26 10	2 23	22 56	2 28	21 37	1 15	23 42	1 5	10 56	0 23	3 41	2 5	31 41	15 59	19 23	19 19	2 55			n.a.
M18	16 49	1s38	4 44	10 37	3 46	26 11	2 22	22 57	2 33	21 35	1 14	23 42	1 5	10 57	0 23	3 41	2 5	31 41	15 58	19 25	19 20	2 53			n.a.
T 19	17 5	6 57	5 0	10 23	3 53	26 11	2 22	22 59	2 37	21 33	1 14	23 41	1 5	10 59	0 23	3 40	2 5	31 40	15 58	19 27	19 20	2 51			n.a.
W20	17 22	11 50	4 56	10 11	3 58	26 10	2 21	23 0	2 42	21 32	1 14	23 40	1 5	11 0	0 23	3 40	2 5	31 40	15 58	19 30	19 21	2 48			n.a.
T 21	17 38	15 56	4 32	10 2	4 2	26 8	2 20	23 1	2 46	21 30	1 14	23 40	1 5	11 1	0 23	3 39	2 5	31 39	15 57	19 32	19 22	2 46			n.a.
F 22	17 54	19 0	3 52	9 56	4 5	26 6	2 20	23 2	2 51	21 28	1 14	23 39	1 5	11 2	0 23	3 39	2 5	31 38	15 57	19 34	19 23	2 44			n.a.
S 23	18 9	20 50	2 58	9 53	4 7	26 3	2 19	23 3	2 55	21 26	1 14	23 38	1 5	11 3	0 23	3 38	2 5	31 38	15 56	19 36	19 23	2 42			n.a.
S 24	18 25	21 24	1 56	9 52	4 7	26 0	2 18	23 3	2 59	21 24	1 14	23 38	1 5	11 5	0 23	3 38	2 5	31 37	15 56	19 37	19 24	2 39			n.a.
M25	18 40	20 46	0 49	9 54	4 6	25 56	2 16	23 4	3 3	21 22	1 14	23 37	1 5	11 6	0 23	3 37	2 5	31 37	15 55	19 37	19 25	2 37			n.a.
T 26	18 54	19 5	0s18	9 58	4 4	25 51	2 15	23 4	3 8	21 21	1 13	23 36	1 4	11 7	0 23	3 37	2 5	31 36	15 55	19 38	19 26	2 35			n.a.
W27	19 9	16 33	1 22	10 5	4 1	25 45	2 13	23 4	3 12	21 19	1 13	23 35	1 4	11 8	0 23	3 37	2 5	31 35	15 54	19 37	19 26	2 32			n.a.
T 28	19 23	13 20	2 22	10 15	3 57	25 39	2 12	23 4	3 16	21 17	1 13	23 35	1 4	11 9	0 23	3 36	2 5	31 35	15 54	19 37	19 27	2 30			n.a.
F 29	19 37	9 37	3 14	10 28	3 52	25 33	2 10	23 4	3 20	21 15	1 13	23 34	1 4	11 11	0 23	3 36	2 5	31 34	15 53	19 38	19 28	2 28			n.a.
S 30	19 50	5 34	3 58	10 42	3 45	25 25	2 8	23 4	3 24	21 12	1 13	23 33	1 4	11 12	0 23	3 35	2 5	31 33	15 53	19 39	19 29	2 26			n.a.
S 31	20n 3	1s19	4s32	11n 0	3s38	25n17	2n 6	23s 3	3s28	21n10	1n13	23n32	1n 4	11n13	0s23	3s35	2n 5	31n33	15n53	19n40	19n30	2s23			n.a.

Julian Day Number = 1357023.5, Delta T = 07h02m17s
Ecliptic obliquity = 23°48'46, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°50'56, Lahiri = -17°43'56 Julian Calendar 1 May 998 BCE == Greg. Calendar 22 Apr. 998 BCE

The year -997 astronomical counting style corresponds to year 998 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 998 BCE
geocentric

JUNE 998 BCE (-997) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 57 22	29♉ 4'35	18♈58	8♉46	13♋45	26°R18	2♌17	18♋52	29♈51	13°R43	15♌22	3°R24	4♌13	4♈18	n.a.	M 1
T 2	16 1 18	0♊ 1'41	1♉ 0	9°28	14°47	26♏ 1	2°26	18°58	29°54	13♎42	15°23	3♌13	4° 9	4°25	n.a.	T 2
W 3	16 5 15	0°58'48	13°11	10°15	15°50	25°43	2°34	19° 3	29°57	13°41	15°24	3° 2	4° 6	4°31	n.a.	W 3
T 4	16 9 11	1°55'56	25°34	11° 7	16°53	25°26	2°44	19° 9	0♉ 0	13°40	15°25	2°51	4° 3	4°38	n.a.	T 4
F 5	16 13 8	2°53'04	8♊ 8	12° 4	17°55	25° 9	2°53	19°15	0° 3	13°39	15°26	2°41	4° 0	4°45	n.a.	F 5
S 6	16 17 5	3°50'12	20°54	13° 6	18°57	24°53	3° 2	19°21	0° 6	13°38	15°27	2°33	3°57	4°51	n.a.	S 6
S 7	16 21 1	4°47'21	3♋51	14°12	19°58	24°36	3°11	19°27	0° 9	13°37	15°28	2°27	3°53	4°58	n.a.	S 7
M 8	16 24 58	5°44'30	17° 0	15°22	20°59	24°20	3°21	19°33	0°12	13°36	15°29	2°24	3°50	5° 5	n.a.	M 8
T 9	16 28 54	6°41'40	0♌20	16°37	22° 0	24° 5	3°30	19°39	0°15	13°35	15°30	2°D23	3°47	5°12	n.a.	T 9
W10	16 32 51	7°38'49	13°53	17°56	23° 1	23°49	3°40	19°46	0°18	13°35	15°31	2°23	3°44	5°18	n.a.	W10
T 11	16 36 47	8°35'59	27°39	19°20	24° 1	23°34	3°50	19°52	0°21	13°34	15°32	2°24	3°41	5°25	n.a.	T 11
F 12	16 40 44	9°33'10	11♍38	20°48	25° 1	23°20	3°59	19°58	0°24	13°33	15°33	2°R25	3°38	5°32	n.a.	F 12
S 13	16 44 41	10°30'20	25°50	22°20	26° 1	23° 6	4° 9	20° 4	0°27	13°32	15°34	2°24	3°34	5°38	n.a.	S 13
S 14	16 48 37	11°27'31	10♎13	23°56	27° 0	22°53	4°19	20°11	0°30	13°32	15°35	2°21	3°31	5°45	n.a.	S 14
M15	16 52 34	12°24'42	24°44	25°35	27°59	22°40	4°29	20°17	0°33	13°31	15°37	2°16	3°28	5°52	n.a.	M15
T 16	16 56 30	13°21'54	9♏18	27°19	28°58	22°28	4°40	20°24	0°36	13°30	15°38	2° 9	3°25	5°59	n.a.	T 16
W17	17 0 27	14°19'06	23°49	29° 5	29°56	22°16	4°50	20°30	0°38	13°30	15°39	2° 2	3°22	6° 5	n.a.	W17
T 18	17 4 23	15°16'19	8♐10	0♊55	0♌53	22° 5	5° 0	20°37	0°41	13°29	15°40	1°55	3°19	6°12	n.a.	T 18
F 19	17 8 20	16°13'33	22°15	2°48	1°51	21°55	5°11	20°43	0°44	13°29	15°42	1°49	3°15	6°19	n.a.	F 19
S 20	17 12 16	17°10'48	6♑ 1	4°43	2°47	21°46	5°21	20°50	0°46	13°28	15°43	1°44	3°12	6°25	n.a.	S 20
S 21	17 16 13	18° 8'04	19°23	6°41	3°44	21°37	5°32	20°57	0°49	13°28	15°45	1°42	3° 9	6°32	n.a.	S 21
M22	17 20 10	19° 5'21	2♒23	8°41	4°40	21°29	5°42	21° 4	0°52	13°27	15°46	1°D41	3° 6	6°39	n.a.	M22
T 23	17 24 6	20° 2'39	15° 2	10°43	5°35	21°21	5°53	21°10	0°54	13°27	15°47	1°42	3° 3	6°45	n.a.	T 23
W24	17 28 3	20°59'58	27°22	12°46	6°30	21°15	6° 4	21°17	0°57	13°26	15°49	1°43	2°59	6°52	n.a.	W24
T 25	17 31 59	21°57'19	9♓28	14°50	7°24	21° 9	6°15	21°24	0°59	13°26	15°50	1°44	2°56	6°59	n.a.	T 25
F 26	17 35 56	22°54'40	21°25	16°55	8°18	21° 4	6°26	21°31	1° 2	13°26	15°52	1°R45	2°53	7° 6	n.a.	F 26
S 27	17 39 52	23°52'03	3♈17	19° 0	9°12	21° 0	6°37	21°38	1° 4	13°25	15°53	1°45	2°50	7°12	n.a.	S 27
S 28	17 43 49	24°49'28	15°10	21° 5	10° 4	20°56	6°48	21°45	1° 7	13°25	15°55	1°43	2°47	7°19	n.a.	S 28
M29	17 47 46	25°46'53	27° 8	23°10	10°56	20°54	6°59	21°52	1° 9	13°25	15°56	1°39	2°44	7°26	n.a.	M29
T 30	17 51 42	26♊44'21	9♉14	25♊15	11♌48	20♏52	7♌10	21♋59	1♉11	13♎25	15♌58	1♌34	2♌40	7♈32	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n16	3n 1	4s54	11n19	3s30	25n 9	2n 4	23s 3	3s31	21n 8	1n13	23n31	1n 4	11n14	0s23	3s35	2n 5	31n32	15n52	19n42	19n30	2s21		n.a.
T 2	20 28	7 16	5 3	11 41	3 22	24 59	2 2	23 2	3 35	21 6	1 13	23 31	1 4	11 15	0 23	3 34	2 5	31 31	15 52	19 44	19 31	2 19		n.a.
W 3	20 40	11 18	4 59	12 5	3 13	24 50	1 59	23 1	3 39	21 4	1 12	23 30	1 4	11 16	0 23	3 34	2 5	31 31	15 51	19 47	19 32	2 16		n.a.
T 4	20 52	14 55	4 40	12 31	3 3	24 39	1 57	23 1	3 42	21 2	1 12	23 29	1 4	11 17	0 23	3 34	2 5	31 30	15 51	19 50	19 33	2 14		n.a.
F 5	21 4	17 56	4 8	12 58	2 52	24 28	1 54	23 0	3 45	20 59	1 12	23 28	1 4	11 18	0 23	3 33	2 5	31 29	15 50	19 52	19 33	2 12		n.a.
S 6	21 15	20 7	3 23	13 27	2 41	24 17	1 51	22 59	3 49	20 57	1 12	23 27	1 4	11 20	0 23	3 33	2 5	31 28	15 50	19 54	19 34	2 10		n.a.
S 7	21 26	21 19	2 27	13 58	2 30	24 5	1 48	22 57	3 52	20 55	1 12	23 26	1 4	11 21	0 23	3 33	2 4	31 28	15 49	19 55	19 35	2 7		n.a.
M 8	21 36	21 22	1 22	14 30	2 18	23 52	1 45	22 56	3 55	20 52	1 12	23 26	1 4	11 22	0 23	3 33	2 4	31 27	15 49	19 56	19 36	2 5		n.a.
T 9	21 46	20 13	0 11	15 4	2 6	23 39	1 41	22 55	3 58	20 50	1 12	23 25	1 4	11 23	0 23	3 32	2 4	31 26	15 49	19 56	19 36	2 3		n.a.
W10	21 56	17 54	1n 1	15 38	1 53	23 25	1 38	22 54	4 1	20 48	1 12	23 24	1 5	11 24	0 23	3 32	2 4	31 26	15 48	19 56	19 37	2 0		n.a.
T 11	22 5	14 32	2 11	16 14	1 40	23 11	1 34	22 53	4 3	20 45	1 11	23 23	1 5	11 25	0 23	3 32	2 4	31 25	15 48	19 56	19 38	1 58		n.a.
F 12	22 14	10 18	3 15	16 50	1 28	22 57	1 31	22 51	4 6	20 43	1 11	23 22	1 5	11 26	0 23	3 32	2 4	31 24	15 47	19 56	19 39	1 56		n.a.
S 13	22 22	5 27	4 7	17 26	1 15	22 41	1 27	22 50	4 8	20 40	1 11	23 21	1 5	11 27	0 23	3 31	2 4	31 23	15 47	19 56	19 39	1 53		n.a.
S 14	22 30	0 15	4 45	18 3	1 2	22 26	1 22	22 49	4 11	20 38	1 11	23 20	1 5	11 28	0 23	3 31	2 4	31 22	15 47	19 57	19 40	1 51		n.a.
M15	22 38	5s 1	5 4	18 40	0 49	22 10	1 18	22 47	4 13	20 35	1 11	23 19	1 5	11 29	0 23	3 31	2 4	31 22	15 46	19 58	19 41	1 49		n.a.
T 16	22 46	10 0	5 5	19 17	0 36	21 53	1 14	22 46	4 15	20 33	1 11	23 18	1 5	11 30	0 23	3 31	2 4	31 21	15 46	19 59	19 42	1 47		n.a.
W17	22 52	14 25	4 45	19 53	0 24	21 37	1 9	22 45	4 17	20 30	1 11	23 17	1 5	11 31	0 23	3 31	2 4	31 20	15 45	20 1	19 42	1 44		n.a.
T 18	22 59	17 56	4 8	20 29	0 11	21 19	1 5	22 44	4 19	20 27	1 11	23 16	1 5	11 32	0 23	3 30	2 4	31 19	15 45	20 3	19 43	1 42		n.a.
F 19	23 5	20 19	3 17	21 3	0n 1	21 2	1 0	22 43	4 20	20 25	1 11	23 15	1 5	11 33	0 23	3 30	2 4	31 19	15 45	20 4	19 44	1 40		n.a.
S 20	23 11	21 26	2 14	21 37	0 12	20 44	0 55	22 42	4 22	20 22	1 11	23 14	1 5	11 34	0 23	3 30	2 4	31 18	15 44	20 5	19 45	1 37		n.a.
S 21	23 16	21 18	1 6	22 9	0 23	20 25	0 49	22 41	4 23	20 19	1 11	23 13	1 5	11 35	0 23	3 30	2 4	31 17	15 44	20 6	19 45	1 35		n.a.
M22	23 21	20 0	0s 4	22 39	0 34	20 6	0 44	22 40	4 25	20 17	1 10	23 12	1 5	11 36	0 23	3 30	2 4	31 16	15 44	20 6	19 46	1 33		n.a.
T 23	23 26	17 43	1 12	23 7	0 44	19 47	0 38	22 39	4 26	20 14	1 10	23 11	1 5	11 36	0 23	3 30	2 3	31 15	15 43	20 6	19 47	1 30		n.a.
W24	23 30	14 41	2 15	23 34	0 53	19 28	0 33	22 38	4 27	20 11	1 10	23 10	1 5	11 37	0 23	3 30	2 3	31 15	15 43	20 5	19 48	1 28		n.a.
T 25	23 34	11 5	3 11	23 57	1 2	19 8	0 27	22 38	4 28	20 8	1 10	23 9	1 5	11 38	0 23	3 30	2 3	31 14	15 42	20 5	19 48	1 26		n.a.
F 26	23 37	7 5	3 57	24 19	1 10	18 48	0 21	22 37	4 29	20 5	1 10	23 8	1 5	11 39	0 23	3 30	2 3	31 13	15 42	20 5	19 49	1 23		n.a.
S 27	23 40	2 51	4 34	24 37	1 17	18 28	0 14	22 37	4 30	20 2	1 10	23 7	1 5	11 40	0 23	3 29	2 3	31 12	15 42	20 5	19 50	1 21		n.a.
S 28	23 43	1n29	4 58	24 54	1 23	18 7	0 8	22 37	4 31	19 59	1 10	23 6	1 5	11 41	0 23	3 29	2 3	31 11	15 41	20 5	19 51	1 19		n.a.
M29	23 45	5 48	5 10	25 7	1 29	17 47	0 1	22 37	4 31	19 56	1 10	23 4	1 5	11 42	0 23	3 29	2 3	31 10	15 41	20 6	19 51	1 16		n.a.
T 30	23n46	9n56	5s 8	25n17	1n34	17n26	0s 5	22s37	4s32	19n53	1n10	23n 3	1n 5	11n42	0s23	3s29	2n 3	31n10	15n41	20n 7	19n52	1s14		n.a.

Julian Day Number = 1357054.5, Delta T = 07h02m15s
Ecliptic obliquity = 23°48'46, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°50'52, Lahiri = -17°43'52 Julian Calendar 1 June 998 BCE == Greg. Calendar 23 May 998 BCE

The year -997 astronomical counting style corresponds to year 998 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 998 BCE
geocentric

JULY 998 BCE (-997) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 55 39	27♊41'49	21♉33	27♊19	12♌39	20°R51	7♌22	22♋ 6	1♉14	13°R25	16♌ 0	1°R29	2♌37	7♈39	n.a.	W 1
T 2	17 59 35	28°39'19	4♊ 6	29°22	13°29	20°D51	7°33	22°13	1°16	13♎24	16° 1	1♌23	2°34	7°46	n.a.	T 2
F 3	18 3 32	29°36'51	16°54	1♋25	14°19	20♏52	7°45	22°20	1°18	13°24	16° 3	1°18	2°31	7°53	n.a.	F 3
S 4	18 7 28	0♋34'23	29°58	3°26	15° 8	20°53	7°56	22°27	1°20	13°24	16° 5	1°14	2°28	7°59	n.a.	S 4
S 5	18 11 25	1°31'58	13♋17	5°27	15°56	20°56	8° 8	22°34	1°22	13°24	16° 6	1°11	2°25	8° 6	n.a.	S 5
M 6	18 15 21	2°29'33	26°50	7°26	16°43	20°59	8°19	22°42	1°25	13°D24	16° 8	1°D10	2°21	8°13	n.a.	M 6
T 7	18 19 18	3°27'10	10♌34	9°23	17°30	21° 3	8°31	22°49	1°27	13°24	16°10	1°10	2°18	8°19	n.a.	T 7
W 8	18 23 15	4°24'47	24°28	11°20	18°16	21° 8	8°43	22°56	1°29	13°24	16°12	1°12	2°15	8°26	n.a.	W 8
T 9	18 27 11	5°22'26	8♍29	13°15	19° 0	21°14	8°55	23° 3	1°31	13°24	16°14	1°13	2°12	8°33	n.a.	T 9
F 10	18 31 8	6°20'06	22°37	15° 8	19°44	21°20	9° 6	23°11	1°33	13°25	16°15	1°14	2° 9	8°40	n.a.	F 10
S 11	18 35 4	7°17'48	6♎49	17° 0	20°27	21°27	9°18	23°18	1°34	13°25	16°17	1°R15	2° 5	8°46	n.a.	S 11
S 12	18 39 1	8°15'30	21° 2	18°51	21°10	21°35	9°30	23°25	1°36	13°25	16°19	1°14	2° 2	8°53	n.a.	S 12
M13	18 42 57	9°13'14	5♏16	20°40	21°51	21°44	9°42	23°33	1°38	13°25	16°21	1°13	1°59	9° 0	n.a.	M13
T 14	18 46 54	10°10'59	19°26	22°28	22°31	21°54	9°54	23°40	1°40	13°25	16°23	1°10	1°56	9° 6	n.a.	T 14
W15	18 50 50	11° 8'45	3♐29	24°15	23°10	22° 4	10° 7	23°47	1°42	13°26	16°25	1° 8	1°53	9°13	n.a.	W15
T 16	18 54 47	12° 6'33	17°23	26° 0	23°47	22°15	10°19	23°55	1°43	13°26	16°27	1° 5	1°50	9°20	n.a.	T 16
F 17	18 58 44	13° 4'22	1♑ 3	27°44	24°24	22°27	10°31	24° 2	1°45	13°26	16°29	1° 3	1°46	9°27	n.a.	F 17
S 18	19 2 40	14° 2'13	14°28	29°26	24°59	22°40	10°43	24°10	1°46	13°27	16°31	1° 1	1°43	9°33	n.a.	S 18
S 19	19 6 37	15° 0'05	27°35	1♒ 7	25°33	22°53	10°55	24°17	1°48	13°27	16°33	1°D 1	1°40	9°40	n.a.	S 19
M20	19 10 33	15°58'00	10♒25	2°47	26° 6	23° 7	11° 8	24°24	1°49	13°28	16°35	1° 1	1°37	9°47	n.a.	M20
T 21	19 14 30	16°55'56	22°58	4°25	26°38	23°22	11°20	24°32	1°51	13°28	16°37	1° 2	1°34	9°53	n.a.	T 21
W22	19 18 26	17°53'53	5♓16	6° 2	27° 8	23°37	11°33	24°39	1°52	13°29	16°39	1° 3	1°31	10° 0	n.a.	W22
T 23	19 22 23	18°51'53	17°21	7°38	27°36	23°53	11°45	24°47	1°54	13°29	16°41	1° 4	1°27	10° 7	n.a.	T 23
F 24	19 26 19	19°49'55	29°19	9°12	28° 3	24°10	11°58	24°54	1°55	13°30	16°43	1° 5	1°24	10°14	n.a.	F 24
S 25	19 30 16	20°47'59	11♈12	10°45	28°29	24°27	12°10	25° 2	1°56	13°30	16°45	1° 6	1°21	10°20	n.a.	S 25
S 26	19 34 13	21°46'05	23° 5	12°17	28°52	24°45	12°23	25° 9	1°57	13°31	16°47	1°R 6	1°18	10°27	n.a.	S 26
M27	19 38 9	22°44'13	5♉ 3	13°47	29°14	25° 3	12°35	25°17	1°59	13°32	16°49	1° 6	1°15	10°34	n.a.	M27
T 28	19 42 6	23°42'23	17°11	15°17	29°35	25°22	12°48	25°24	2° 0	13°32	16°51	1° 5	1°11	10°40	n.a.	T 28
W29	19 46 2	24°40'35	29°32	16°44	29°53	25°42	13° 1	25°32	2° 1	13°33	16°53	1° 4	1° 8	10°47	n.a.	W29
T 30	19 49 59	25°38'50	12♊10	18°11	0♍10	26° 2	13°13	25°39	2° 2	13°34	16°55	1° 4	1° 5	10°54	n.a.	T 30
F 31	19 53 55	26♋37'06	25♊ 7	19♌36	0♍24	26♏22	13♌26	25♋47	2♉ 3	13♎35	16♌57	1♌ 3	1♌ 2	11♈ 1	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23n48	13n44	4s52	25n25	1n38	17n 5	0s12	22s37	4s32	19n50	1n10	23n 2	1n 5	11n43	0s23	3s29	2n 3	31n 9	15n40	20n 8	19n53	1s12			n.a.
T 2	23 48	17 0	4 22	25 30	1 42	16 43	0 19	22 37	4 33	19 47	1 10	23 1	1 5	11 44	0 23	3 29	2 3	31 8	15 40	20 10	19 54	1 9			n.a.
F 3	23 49	19 32	3 38	25 33	1 44	16 22	0 27	22 37	4 33	19 44	1 10	23 0	1 5	11 45	0 23	3 29	2 3	31 7	15 40	20 11	19 54	1 7			n.a.
S 4	23 49	21 6	2 42	25 32	1 46	16 0	0 34	22 38	4 33	19 41	1 10	22 59	1 5	11 46	0 23	3 29	2 3	31 6	15 39	20 12	19 55	1 5			n.a.
S 5	23 48	21 32	1 36	25 30	1 48	15 39	0 42	22 39	4 33	19 38	1 10	22 58	1 5	11 46	0 23	3 29	2 3	31 5	15 39	20 12	19 56	1 2			n.a.
M 6	23 47	20 44	0 24	25 24	1 49	15 17	0 50	22 40	4 33	19 35	1 9	22 56	1 5	11 47	0 23	3 30	2 3	31 5	15 39	20 13	19 56	1 0			n.a.
T 7	23 46	18 41	0n51	25 17	1 49	14 55	0 58	22 41	4 33	19 32	1 9	22 55	1 5	11 48	0 23	3 30	2 3	31 4	15 39	20 13	19 57	0 58			n.a.
W 8	23 44	15 31	2 4	25 7	1 48	14 33	1 6	22 42	4 33	19 29	1 9	22 54	1 5	11 48	0 23	3 30	2 2	31 3	15 38	20 12	19 58	0 55			n.a.
T 9	23 42	11 27	3 11	24 55	1 47	14 11	1 14	22 43	4 32	19 25	1 9	22 53	1 5	11 49	0 23	3 30	2 2	31 2	15 38	20 12	19 59	0 53			n.a.
F 10	23 40	6 44	4 6	24 41	1 46	13 49	1 23	22 45	4 32	19 22	1 9	22 52	1 5	11 50	0 23	3 30	2 2	31 1	15 38	20 12	19 59	0 51			n.a.
S 11	23 36	1 38	4 46	24 25	1 43	13 27	1 32	22 46	4 32	19 19	1 9	22 50	1 5	11 50	0 23	3 30	2 2	31 0	15 37	20 12	20 0	0 48			n.a.
S 12	23 33	3s34	5 10	24 8	1 41	13 5	1 41	22 48	4 31	19 16	1 9	22 49	1 5	11 51	0 23	3 30	2 2	30 59	15 37	20 12	20 1	0 46			n.a.
M13	23 29	8 33	5 14	23 48	1 38	12 43	1 50	22 50	4 31	19 12	1 9	22 48	1 5	11 52	0 23	3 30	2 2	30 59	15 37	20 12	20 2	0 44			n.a.
T 14	23 25	13 4	4 59	23 27	1 34	12 21	1 59	22 52	4 30	19 9	1 9	22 47	1 6	11 52	0 23	3 30	2 2	30 58	15 37	20 13	20 2	0 41			n.a.
W15	23 20	16 50	4 26	23 5	1 30	11 59	2 9	22 54	4 30	19 6	1 9	22 45	1 6	11 53	0 23	3 31	2 2	30 57	15 36	20 13	20 3	0 39			n.a.
T 16	23 15	19 35	3 38	22 41	1 26	11 37	2 19	22 56	4 29	19 2	1 9	22 44	1 6	11 54	0 23	3 31	2 2	30 56	15 36	20 14	20 4	0 36			n.a.
F 17	23 10	21 11	2 38	22 16	1 21	11 16	2 28	22 59	4 28	18 59	1 9	22 43	1 6	11 54	0 23	3 31	2 2	30 55	15 36	20 14	20 4	0 34			n.a.
S 18	23 4	21 31	1 30	21 50	1 16	10 54	2 38	23 1	4 27	18 55	1 9	22 42	1 6	11 55	0 23	3 31	2 2	30 54	15 36	20 15	20 5	0 32			n.a.
S 19	22 57	20 40	0 19	21 22	1 11	10 33	2 49	23 4	4 27	18 52	1 9	22 40	1 6	11 55	0 23	3 31	2 2	30 53	15 36	20 15	20 6	0 29			n.a.
M20	22 50	18 44	0s52	20 54	1 5	10 12	2 59	23 7	4 26	18 48	1 9	22 39	1 6	11 56	0 23	3 32	2 2	30 53	15 35	20 15	20 7	0 27			n.a.
T 21	22 43	15 56	1 58	20 25	0 59	9 52	3 10	23 10	4 25	18 45	1 9	22 38	1 6	11 56	0 23	3 32	2 2	30 52	15 35	20 14	20 7	0 25			n.a.
W22	22 36	12 29	2 58	19 54	0 53	9 31	3 20	23 13	4 24	18 41	1 9	22 36	1 6	11 57	0 23	3 32	2 2	30 51	15 35	20 14	20 8	0 22			n.a.
T 23	22 28	8 35	3 49	19 23	0 46	9 11	3 31	23 16	4 23	18 38	1 9	22 35	1 6	11 57	0 23	3 33	2 1	30 50	15 35	20 14	20 9	0 20			n.a.
F 24	22 19	4 23	4 29	18 52	0 39	8 52	3 42	23 20	4 22	18 34	1 9	22 34	1 6	11 58	0 23	3 33	2 1	30 49	15 35	20 14	20 9	0 18			n.a.
S 25	22 10	0 4	4 58	18 20	0 32	8 32	3 54	23 23	4 21	18 31	1 9	22 33	1 6	11 58	0 23	3 33	2 1	30 48	15 34	20 14	20 10	0 15			n.a.
S 26	22 1	4n16	5 14	17 47	0 25	8 14	4 5	23 26	4 20	18 27	1 9	22 31	1 6	11 58	0 23	3 33	2 1	30 48	15 34	20 14	20 11	0 13			n.a.
M27	21 52	8 27	5 16	17 14	0 18	7 55	4 16	23 30	4 19	18 23	1 9	22 30	1 6	11 59	0 23	3 34	2 1	30 47	15 34	20 14	20 12	0 10			n.a.
T 28	21 42	12 22	5 4	16 40	0 10	7 37	4 28	23 34	4 17	18 20	1 9	22 29	1 6	11 59	0 23	3 34	2 1	30 46	15 34	20 14	20 12	0 8			n.a.
W29	21 31	15 50	4 39	16 6	0 2	7 20	4 40	23 37	4 16	18 16	1 9	22 27	1 6	12 0	0 23	3 34	2 1	30 45	15 34	20 14	20 13	0 6			n.a.
T 30	21 21	18 39	3 59	15 32	0s 6	7 3	4 51	23 41	4 15	18 12	1 9	22 26	1 7	12 0	0 23	3 35	2 1	30 44	15 34	20 14	20 14	0 3			n.a.
F 31	21n10	20n37	3s 6	14n57	0s14	6n47	5s 3	23s45	4s14	18n 9	1n 9	22n25	1n 7	12n 0	0s23	3s35	2n 1	30n43	15n34	20n14	20n14	0s 1			n.a.

Julian Day Number = 1357084.5, Delta T = 07h02m14s
Ecliptic obliquity = 23°48'46, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°50'48, Lahiri = -17°43'48 Julian Calendar 1 July 998 BCE == Greg. Calendar 22 June 998 BCE

The year -997 astronomical counting style corresponds to year 998 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 998 BCE
geocentric

AUGUST 998 BCE (-997) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 57 52	27♋35'25	8♋25	21♌ 0	0♍37	26♏44	13♌39	25♋54	2♉ 4	13♎35	17♌ 0	1°R 3	0♌59	11♈ 7	n.a.	S 1
S 2	20 1 48	28°33'46	22° 3	22°22	0°48	27° 6	13°52	26° 2	2° 4	13°36	17° 2	1♌ 2	0°56	11°14	n.a.	S 2
M 3	20 5 45	29°32'09	6♌ 0	23°43	0°56	27°28	14° 4	26° 9	2° 5	13°37	17° 4	1°D 2	0°52	11°21	n.a.	M 3
T 4	20 9 42	0♌30'33	20°11	25° 3	1° 3	27°51	14°17	26°17	2° 6	13°38	17° 6	1° 2	0°49	11°27	n.a.	T 4
W 5	20 13 38	1°29'00	4♍32	26°21	1° 7	28°14	14°30	26°24	2° 7	13°39	17° 8	1°R 2	0°46	11°34	n.a.	W 5
T 6	20 17 35	2°27'28	18°59	27°37	1°R 9	28°38	14°43	26°32	2° 7	13°40	17°10	1° 2	0°43	11°41	n.a.	T 6
F 7	20 21 31	3°25'58	3♎26	28°52	1° 8	29° 3	14°56	26°39	2° 8	13°41	17°13	1° 2	0°40	11°48	n.a.	F 7
S 8	20 25 28	4°24'30	17°49	0♍ 5	1° 6	29°28	15° 9	26°47	2° 9	13°42	17°15	1° 2	0°37	11°54	n.a.	S 8
S 9	20 29 24	5°23'03	2♏ 4	1°16	1° 0	29°53	15°22	26°54	2° 9	13°43	17°17	1°D 2	0°33	12° 1	n.a.	S 9
M10	20 33 21	6°21'39	16°10	2°25	0°53	0♐19	15°35	27° 2	2°10	13°44	17°19	1° 2	0°30	12° 8	n.a.	M10
T 11	20 37 17	7°20'16	0♐ 3	3°32	0°43	0°45	15°48	27° 9	2°10	13°45	17°22	1° 2	0°27	12°14	n.a.	T 11
W12	20 41 14	8°18'55	13°44	4°38	0°31	1°12	16° 1	27°16	2°10	13°46	17°24	1° 3	0°24	12°21	n.a.	W12
T 13	20 45 10	9°17'36	27°11	5°41	0°16	1°39	16°14	27°24	2°11	13°48	17°26	1° 4	0°21	12°28	n.a.	T 13
F 14	20 49 7	10°16'18	10♑26	6°41	29♌59	2° 6	16°27	27°31	2°11	13°49	17°28	1° 4	0°17	12°35	n.a.	F 14
S 15	20 53 4	11°15'03	23°26	7°39	29°39	2°34	16°40	27°39	2°11	13°50	17°31	1° 5	0°14	12°41	n.a.	S 15
S 16	20 57 0	12°13'50	6♒14	8°34	29°18	3° 2	16°53	27°46	2°11	13°51	17°33	1°R 5	0°11	12°48	n.a.	S 16
M17	21 0 57	13°12'39	18°48	9°26	28°54	3°31	17° 6	27°53	2°11	13°53	17°35	1° 4	0° 8	12°55	n.a.	M17
T 18	21 4 53	14°11'29	1♓11	10°15	28°28	4° 0	17°19	28° 1	2°R11	13°54	17°37	1° 3	0° 5	13° 2	n.a.	T 18
W19	21 8 50	15°10'23	13°22	11° 1	28° 1	4°29	17°32	28° 8	2°11	13°55	17°40	1° 1	0° 2	13° 8	n.a.	W19
T 20	21 12 46	16° 9'18	25°25	11°42	27°31	4°59	17°45	28°15	2°11	13°57	17°42	0°59	29♋58	13°15	n.a.	T 20
F 21	21 16 43	17° 8'16	7♈21	12°20	27° 0	5°29	17°58	28°23	2°11	13°58	17°44	0°57	29°55	13°22	n.a.	F 21
S 22	21 20 39	18° 7'16	19°13	12°53	26°28	5°59	18°11	28°30	2°11	14° 0	17°46	0°54	29°52	13°28	n.a.	S 22
S 23	21 24 36	19° 6'18	1♉ 5	13°22	25°54	6°30	18°24	28°37	2°11	14° 1	17°49	0°52	29°49	13°35	n.a.	S 23
M24	21 28 32	20° 5'23	13° 1	13°45	25°19	7° 1	18°37	28°44	2°10	14° 3	17°51	0°51	29°46	13°42	n.a.	M24
T 25	21 32 29	21° 4'30	25° 7	14° 3	24°44	7°33	18°50	28°51	2°10	14° 4	17°53	0°D51	29°43	13°49	n.a.	T 25
W26	21 36 26	22° 3'40	7♊25	14°14	24° 7	8° 4	19° 3	28°58	2°10	14° 6	17°55	0°52	29°39	13°55	n.a.	W26
T 27	21 40 22	23° 2'52	20° 1	14°R20	23°31	8°36	19°16	29° 6	2° 9	14° 7	17°58	0°53	29°36	14° 2	n.a.	T 27
F 28	21 44 19	24° 2'07	2♋59	14°18	22°54	9° 8	19°29	29°13	2° 9	14° 9	18° 0	0°55	29°33	14° 9	n.a.	F 28
S 29	21 48 15	25° 1'24	16°22	14° 9	22°18	9°41	19°42	29°20	2° 8	14°10	18° 2	0°56	29°30	14°15	n.a.	S 29
S 30	21 52 12	26° 0'44	0♌10	13°53	21°42	10°14	19°55	29°27	2° 8	14°12	18° 4	0°R57	29°27	14°22	n.a.	S 30
M31	21 56 8	27♌ 0'06	14♌22	13♍29	21♌ 7	10♐47	20♌ 8	29♋34	2♉ 7	14♎14	18♌ 7	0♌56	29♋23	14♈29	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n58	21n30	2s 2	14n22	0s22	6n31	5s15	23s49	4s12	18n 5	1n 9	22n23	1n 7	12n 0	0s24	3s36	2n 1	30n43	15n33	20n14	20n15	0n 1		n.a.
S 2	20 46	21 10	0 50	13 48	0 30	6 16	5 27	23 53	4 11	18 1	1 9	22 22	1 7	12 1	0 24	3 36	2 1	30 42	15 33	20 14	20 16	0 4		n.a.
M 3	20 34	19 31	0n27	13 13	0 39	6 2	5 39	23 57	4 10	17 57	1 9	22 20	1 7	12 1	0 24	3 36	2 1	30 41	15 33	20 14	20 17	0 6		n.a.
T 4	20 21	16 38	1 44	12 38	0 47	5 49	5 51	24 1	4 8	17 54	1 9	22 19	1 7	12 1	0 24	3 37	2 1	30 40	15 33	20 14	20 17	0 9		n.a.
W 5	20 8	12 43	2 55	12 3	0 56	5 36	6 3	24 5	4 7	17 50	1 9	22 18	1 7	12 2	0 24	3 37	2 1	30 39	15 33	20 14	20 18	0 11		n.a.
T 6	19 55	8 2	3 56	11 29	1 5	5 24	6 15	24 9	4 6	17 46	1 9	22 16	1 7	12 2	0 24	3 38	2 1	30 39	15 33	20 14	20 19	0 13		n.a.
F 7	19 41	2 54	4 41	10 54	1 13	5 14	6 26	24 13	4 4	17 42	1 9	22 15	1 7	12 2	0 24	3 38	2 0	30 38	15 33	20 14	20 19	0 16		n.a.
S 8	19 27	2s21	5 9	10 21	1 22	5 4	6 38	24 18	4 3	17 38	1 9	22 14	1 7	12 2	0 24	3 39	2 0	30 37	15 33	20 14	20 20	0 18		n.a.
S 9	19 13	7 26	5 17	9 47	1 31	4 55	6 49	24 22	4 1	17 34	1 9	22 12	1 7	12 2	0 24	3 39	2 0	30 36	15 33	20 14	20 21	0 20		n.a.
M10	18 58	12 3	5 6	9 14	1 39	4 47	7 1	24 26	4 0	17 31	1 9	22 11	1 7	12 2	0 24	3 40	2 0	30 35	15 33	20 14	20 21	0 23		n.a.
T 11	18 43	15 58	4 37	8 41	1 48	4 40	7 11	24 30	3 58	17 27	1 9	22 10	1 8	12 3	0 24	3 40	2 0	30 35	15 33	20 14	20 22	0 25		n.a.
W12	18 28	18 57	3 53	8 9	1 57	4 35	7 22	24 35	3 57	17 23	1 9	22 8	1 8	12 3	0 24	3 41	2 0	30 34	15 33	20 14	20 23	0 28		n.a.
T 13	18 12	20 50	2 57	7 38	2 5	4 30	7 32	24 39	3 55	17 19	1 9	22 7	1 8	12 3	0 24	3 41	2 0	30 33	15 33	20 14	20 24	0 30		n.a.
F 14	17 57	21 32	1 52	7 8	2 14	4 27	7 42	24 43	3 54	17 15	1 9	22 5	1 8	12 3	0 24	3 42	2 0	30 32	15 33	20 14	20 24	0 32		n.a.
S 15	17 40	21 3	0 42	6 38	2 22	4 25	7 52	24 48	3 52	17 11	1 9	22 4	1 8	12 3	0 24	3 42	2 0	30 31	15 33	20 14	20 25	0 35		n.a.
S 16	17 24	19 28	0s28	6 10	2 31	4 24	8 1	24 52	3 51	17 7	1 9	22 3	1 8	12 3	0 24	3 43	2 0	30 31	15 33	20 14	20 26	0 37		n.a.
M17	17 7	16 57	1 37	5 43	2 39	4 24	8 9	24 56	3 49	17 3	1 9	22 1	1 8	12 3	0 24	3 43	2 0	30 30	15 33	20 14	20 26	0 40		n.a.
T 18	16 50	13 41	2 39	5 17	2 46	4 26	8 17	25 0	3 48	16 59	1 9	22 0	1 8	12 3	0 24	3 44	2 0	30 29	15 33	20 14	20 27	0 42		n.a.
W19	16 32	9 54	3 33	4 52	2 54	4 28	8 24	25 4	3 46	16 55	1 9	21 58	1 8	12 3	0 24	3 44	2 0	30 29	15 33	20 15	20 28	0 44		n.a.
T 20	16 14	5 46	4 17	4 30	3 1	4 32	8 30	25 8	3 45	16 51	1 9	21 57	1 8	12 3	0 24	3 45	2 0	30 28	15 33	20 15	20 28	0 47		n.a.
F 21	15 56	1 27	4 49	4 9	3 8	4 38	8 36	25 12	3 43	16 47	1 9	21 56	1 9	12 3	0 24	3 46	2 0	30 27	15 33	20 16	20 29	0 49		n.a.
S 22	15 38	2n53	5 9	3 50	3 14	4 44	8 40	25 16	3 41	16 43	1 9	21 54	1 9	12 3	0 24	3 46	2 0	30 26	15 33	20 16	20 30	0 52		n.a.
S 23	15 20	7 7	5 15	3 34	3 20	4 52	8 44	25 20	3 40	16 39	1 9	21 53	1 9	12 3	0 24	3 47	1 59	30 26	15 33	20 17	20 30	0 54		n.a.
M24	15 1	11 6	5 8	3 20	3 26	5 0	8 47	25 24	3 38	16 34	1 9	21 51	1 9	12 3	0 24	3 47	1 59	30 25	15 33	20 17	20 31	0 56		n.a.
T 25	14 42	14 41	4 48	3 9	3 30	5 10	8 49	25 28	3 37	16 30	1 9	21 50	1 9	12 2	0 24	3 48	1 59	30 24	15 33	20 17	20 32	0 59		n.a.
W26	14 22	17 43	4 13	3 1	3 34	5 21	8 50	25 32	3 35	16 26	1 9	21 49	1 9	12 2	0 24	3 49	1 59	30 24	15 33	20 17	20 32	1 1		n.a.
T 27	14 3	20 0	3 26	2 56	3 37	5 32	8 51	25 35	3 33	16 22	1 9	21 47	1 9	12 2	0 24	3 49	1 59	30 23	15 33	20 16	20 33	1 4		n.a.
F 28	13 43	21 19	2 28	2 55	3 39	5 45	8 50	25 39	3 32	16 18	1 9	21 46	1 9	12 2	0 24	3 50	1 59	30 22	15 33	20 16	20 34	1 6		n.a.
S 29	13 23	21 29	1 19	2 57	3 40	5 58	8 48	25 42	3 30	16 14	1 9	21 45	1 10	12 2	0 24	3 51	1 59	30 22	15 33	20 16	20 34	1 8		n.a.
S 30	13 3	20 22	0 4	3 4	3 39	6 12	8 45	25 46	3 28	16 10	1 9	21 43	1 10	12 2	0 24	3 51	1 59	30 21	15 33	20 16	20 35	1 11		n.a.
M31	12n42	17n56	1n13	3n15	3s37	6n27	8s42	25s49	3s27	16n 6	1n10	21n42	1n10	12n 1	0s24	3s52	1n59	30n20	15n34	20n16	20n36	1n13		n.a.

Julian Day Number = 1357115.5, Delta T = 07h02m12s
Ecliptic obliquity = 23°48'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°50'44, Lahiri = -17°43'43 Julian Calendar 1 Aug. 998 BCE == Greg. Calendar 23 July 998 BCE

The year -997 astronomical counting style corresponds to year 998 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 998 BCE
geocentric

SEPTEMBER 998 BCE (-997) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 0 5	27♌59'30	28♌55	12°R56	20°R32	11♐20	20♌21	29♋41	2°R 6	14♎15	18♌ 9	0°R54	29♋20	14♈36	n.a.	T 1
W 2	22 4 1	28°58'56	13♍43	12♍16	19♌58	11°54	20°34	29°47	2♉ 6	14°17	18°11	0♌51	29°17	14°42	n.a.	W 2
T 3	22 7 58	29°58'24	28°38	11°28	19°26	12°28	20°47	29°54	2° 5	14°19	18°13	0°47	29°14	14°49	n.a.	T 3
F 4	22 11 55	0♍57'54	13♎31	10°33	18°55	13° 2	21° 0	0♌ 1	2° 4	14°20	18°16	0°43	29°11	14°56	n.a.	F 4
S 5	22 15 51	1°57'27	28°14	9°31	18°26	13°36	21°13	0° 8	2° 3	14°22	18°18	0°39	29° 8	15° 2	n.a.	S 5
S 6	22 19 48	2°57'01	12♏42	8°24	17°59	14°11	21°26	0°15	2° 2	14°24	18°20	0°36	29° 4	15° 9	n.a.	S 6
M 7	22 23 44	3°56'37	26°51	7°14	17°33	14°45	21°39	0°21	2° 1	14°26	18°22	0°35	29° 1	15°16	n.a.	M 7
T 8	22 27 41	4°56'15	10♐40	6° 1	17°10	15°21	21°52	0°28	2° 0	14°28	18°24	0°D35	28°58	15°23	n.a.	T 8
W 9	22 31 37	5°55'55	24° 8	4°48	16°48	15°56	22° 5	0°35	1°59	14°29	18°27	0°36	28°55	15°29	n.a.	W 9
T 10	22 35 34	6°55'36	7♑18	3°37	16°29	16°31	22°18	0°41	1°58	14°31	18°29	0°37	28°52	15°36	n.a.	T 10
F 11	22 39 30	7°55'20	20°12	2°31	16°13	17° 7	22°31	0°48	1°57	14°33	18°31	0°39	28°48	15°43	n.a.	F 11
S 12	22 43 27	8°55'05	2♒52	1°30	15°58	17°43	22°44	0°54	1°56	14°35	18°33	0°R39	28°45	15°49	n.a.	S 12
S 13	22 47 23	9°54'53	15°20	0°37	15°46	18°19	22°56	1° 0	1°54	14°37	18°35	0°38	28°42	15°56	n.a.	S 13
M14	22 51 20	10°54'42	27°39	29♌54	15°37	18°55	23° 9	1° 7	1°53	14°39	18°37	0°35	28°39	16° 3	n.a.	M14
T 15	22 55 17	11°54'33	9♓49	29°21	15°30	19°31	23°22	1°13	1°52	14°41	18°40	0°30	28°36	16°10	n.a.	T 15
W16	22 59 13	12°54'27	21°52	28°59	15°25	20° 8	23°35	1°19	1°50	14°43	18°42	0°23	28°33	16°16	n.a.	W16
T 17	23 3 10	13°54'22	3♈50	28°D48	15°D23	20°45	23°47	1°26	1°49	14°45	18°44	0°14	28°29	16°23	n.a.	T 17
F 18	23 7 6	14°54'20	15°44	28°49	15°24	21°22	24° 0	1°32	1°48	14°47	18°46	0° 6	28°26	16°30	n.a.	F 18
S 19	23 11 3	15°54'20	27°35	29° 1	15°26	21°59	24°12	1°38	1°46	14°49	18°48	29♋57	28°23	16°37	n.a.	S 19
S 20	23 14 59	16°54'22	9♉27	29°23	15°31	22°36	24°25	1°44	1°44	14°51	18°50	29°50	28°20	16°43	n.a.	S 20
M21	23 18 56	17°54'26	21°22	29°55	15°39	23°13	24°38	1°50	1°43	14°53	18°52	29°44	28°17	16°50	n.a.	M21
T 22	23 22 52	18°54'33	3♊25	0♍36	15°48	23°51	24°50	1°56	1°41	14°55	18°54	29°40	28°14	16°57	n.a.	T 22
W23	23 26 49	19°54'41	15°39	1°25	16° 0	24°29	25° 3	2° 2	1°40	14°57	18°56	29°D39	28°10	17° 3	n.a.	W23
T 24	23 30 45	20°54'52	28°10	2°21	16°14	25° 6	25°15	2° 7	1°38	14°59	18°58	29°39	28° 7	17°10	n.a.	T 24
F 25	23 34 42	21°55'06	11♋ 1	3°24	16°30	25°44	25°27	2°13	1°36	15° 1	19° 0	29°40	28° 4	17°17	n.a.	F 25
S 26	23 38 39	22°55'22	24°18	4°32	16°48	26°23	25°40	2°19	1°34	15° 3	19° 2	29°R41	28° 1	17°24	n.a.	S 26
S 27	23 42 35	23°55'39	8♌ 3	5°45	17° 8	27° 1	25°52	2°24	1°32	15° 6	19° 4	29°41	27°58	17°30	n.a.	S 27
M28	23 46 32	24°55'59	22°18	7° 3	17°30	27°39	26° 4	2°30	1°31	15° 8	19° 6	29°39	27°54	17°37	n.a.	M28
T 29	23 50 28	25°56'21	6♍59	8°24	17°54	28°18	26°16	2°35	1°29	15°10	19° 8	29°34	27°51	17°44	n.a.	T 29
W30	23 54 25	26♍56'45	22♍ 0	9♍48	18♌20	28♐56	26♌29	2♌41	1♉27	15♎12	19♌10	29♋27	27♋48	17♈50	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n21	14n20	2n27	3n31	3s34	6n42	8s37	25s52	3s25	16n 2	1n10	21n40	1n10	12n 1	0s24	3s53	1n59	30n20	15n34	20n16	20n36	1n16		n.a.
W 2	12 1	9 46	3 33	3 52	3 28	6 57	8 32	25 56	3 23	15 57	1 10	21 39	1 10	12 1	0 24	3 54	1 59	30 19	15 34	20 17	20 37	1 18		n.a.
T 3	11 39	4 35	4 25	4 17	3 21	7 13	8 25	25 59	3 22	15 53	1 10	21 38	1 10	12 1	0 24	3 54	1 59	30 18	15 34	20 18	20 38	1 20		n.a.
F 4	11 18	0s50	4 58	4 46	3 12	7 29	8 18	26 1	3 20	15 49	1 10	21 36	1 10	12 0	0 24	3 55	1 59	30 18	15 34	20 19	20 38	1 23		n.a.
S 5	10 57	6 10	5 12	5 20	3 1	7 46	8 11	26 4	3 18	15 45	1 10	21 35	1 10	12 0	0 24	3 56	1 59	30 17	15 34	20 20	20 39	1 25		n.a.
S 6	10 35	11 3	5 5	5 58	2 48	8 2	8 2	26 7	3 17	15 41	1 10	21 34	1 11	12 0	0 24	3 56	1 59	30 17	15 34	20 20	20 40	1 28		n.a.
M 7	10 13	15 13	4 40	6 38	2 33	8 18	7 53	26 9	3 15	15 37	1 10	21 32	1 11	11 59	0 24	3 57	1 59	30 16	15 35	20 20	20 40	1 30		n.a.
T 8	9 51	18 27	3 59	7 21	2 16	8 35	7 43	26 12	3 13	15 32	1 10	21 31	1 11	11 59	0 24	3 58	1 59	30 15	15 35	20 20	20 41	1 32		n.a.
W 9	9 29	20 35	3 6	8 5	1 58	8 51	7 33	26 14	3 12	15 28	1 10	21 30	1 11	11 59	0 24	3 59	1 59	30 15	15 35	20 20	20 42	1 35		n.a.
T 10	9 6	21 33	2 4	8 49	1 38	9 7	7 22	26 16	3 10	15 24	1 10	21 28	1 11	11 58	0 24	4 0	1 59	30 14	15 35	20 20	20 42	1 37		n.a.
F 11	8 44	21 20	0 57	9 32	1 18	9 22	7 11	26 18	3 8	15 20	1 10	21 27	1 11	11 58	0 24	4 0	1 59	30 14	15 35	20 20	20 43	1 40		n.a.
S 12	8 21	20 1	0s12	10 13	0 58	9 37	7 0	26 20	3 7	15 16	1 10	21 26	1 11	11 57	0 24	4 1	1 59	30 13	15 36	20 20	20 44	1 42		n.a.
S 13	7 58	17 45	1 19	10 51	0 37	9 52	6 48	26 22	3 5	15 11	1 11	21 25	1 12	11 57	0 24	4 2	1 59	30 13	15 36	20 20	20 44	1 45		n.a.
M14	7 35	14 41	2 21	11 25	0 17	10 6	6 36	26 23	3 3	15 7	1 11	21 23	1 12	11 56	0 24	4 3	1 58	30 12	15 36	20 20	20 45	1 47		n.a.
T 15	7 12	11 1	3 16	11 54	0n 2	10 20	6 23	26 25	3 2	15 3	1 11	21 22	1 12	11 56	0 24	4 3	1 58	30 12	15 36	20 22	20 46	1 49		n.a.
W16	6 49	6 57	4 2	12 19	0 20	10 33	6 11	26 26	3 0	14 59	1 11	21 21	1 12	11 55	0 24	4 4	1 58	30 11	15 37	20 23	20 46	1 52		n.a.
T 17	6 26	2 40	4 36	12 39	0 37	10 46	5 58	26 27	2 58	14 55	1 11	21 20	1 12	11 55	0 24	4 5	1 58	30 11	15 37	20 25	20 47	1 54		n.a.
F 18	6 2	1n43	4 58	12 53	0 52	10 58	5 46	26 28	2 57	14 51	1 11	21 18	1 12	11 54	0 24	4 6	1 58	30 10	15 37	20 27	20 48	1 57		n.a.
S 19	5 39	6 0	5 7	13 2	1 6	11 9	5 33	26 29	2 55	14 46	1 11	21 17	1 13	11 54	0 24	4 7	1 58	30 10	15 37	20 29	20 48	1 59		n.a.
S 20	5 15	10 5	5 3	13 5	1 19	11 20	5 20	26 29	2 53	14 42	1 11	21 16	1 13	11 53	0 24	4 8	1 58	30 9	15 38	20 30	20 49	2 1		n.a.
M21	4 51	13 47	4 46	13 4	1 29	11 30	5 7	26 30	2 52	14 38	1 11	21 15	1 13	11 53	0 24	4 8	1 58	30 9	15 38	20 31	20 50	2 4		n.a.
T 22	4 27	16 59	4 16	12 58	1 39	11 40	4 55	26 30	2 50	14 34	1 11	21 13	1 13	11 52	0 24	4 9	1 58	30 9	15 38	20 32	20 50	2 6		n.a.
W23	4 3	19 29	3 34	12 48	1 47	11 48	4 42	26 30	2 49	14 30	1 12	21 12	1 13	11 52	0 24	4 10	1 58	30 8	15 38	20 33	20 51	2 9		n.a.
T 24	3 39	21 7	2 41	12 33	1 53	11 56	4 29	26 30	2 47	14 26	1 12	21 11	1 13	11 51	0 24	4 11	1 58	30 8	15 39	20 32	20 52	2 11		n.a.
F 25	3 15	21 43	1 39	12 15	1 58	12 3	4 17	26 30	2 45	14 22	1 12	21 10	1 14	11 50	0 24	4 12	1 58	30 7	15 39	20 32	20 52	2 14		n.a.
S 26	2 51	21 7	0 29	11 53	2 2	12 10	4 5	26 29	2 44	14 17	1 12	21 9	1 14	11 50	0 24	4 13	1 58	30 7	15 39	20 32	20 53	2 16		n.a.
S 27	2 27	19 15	0n45	11 29	2 5	12 15	3 52	26 29	2 42	14 13	1 12	21 8	1 14	11 49	0 24	4 13	1 58	30 7	15 40	20 32	20 54	2 18		n.a.
M28	2 3	16 9	1 58	11 1	2 7	12 20	3 40	26 28	2 40	14 9	1 12	21 7	1 14	11 48	0 24	4 14	1 58	30 6	15 40	20 33	20 54	2 21		n.a.
T 29	1 38	11 57	3 6	10 31	2 8	12 24	3 28	26 27	2 39	14 5	1 12	21 5	1 14	11 48	0 24	4 15	1 58	30 6	15 40	20 34	20 55	2 23		n.a.
W30	1n14	6n55	4n 2	9n59	2n 8	12n28	3s16	26s26	2s37	14n 1	1n12	21n 4	1n14	11n47	0s24	4s16	1n58	30n 6	15n41	20n35	20n56	2n26		n.a.

Julian Day Number = 1357146.5, Delta T = 07h02m10s
Ecliptic obliquity = 23°48'47, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°50'40, Lahiri = -17°43'39 Julian Calendar 1 Sept. 998 BCE == Greg. Calendar 23 Aug. 998 BCE

The year -997 astronomical counting style corresponds to year 998 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 998 BCE
geocentric

OCTOBER 998 BCE (-997) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 58 21	27♍57'10	7♎15	11♍14	18♌47	29♐35	26♌41	2♌46	1°R25	15♎14	19♌12	29°R18	27♋45	17♈57	n.a.	T 1
F 2	0 2 18	28°57'38	22°30	12°43	19°16	0♑14	26°53	2°51	1♑23	15°16	19°13	29♋ 9	27°42	18° 4	n.a.	F 2
S 3	0 6 14	29°58'07	7♏36	14°13	19°47	0°53	27° 5	2°57	1°21	15°19	19°15	29° 0	27°39	18°11	n.a.	S 3
S 4	0 10 11	0♎58'38	22°23	15°45	20°19	1°32	27°17	3° 2	1°19	15°21	19°17	28°53	27°35	18°17	n.a.	S 4
M 5	0 14 8	1°59'10	6♐45	17°17	20°52	2°11	27°28	3° 7	1°16	15°23	19°19	28°48	27°32	18°24	n.a.	M 5
T 6	0 18 4	2°59'44	20°40	18°51	21°27	2°51	27°40	3°12	1°14	15°25	19°21	28°45	27°29	18°31	n.a.	T 6
W 7	0 22 1	4° 0'19	4♑ 8	20°26	22° 3	3°30	27°52	3°17	1°12	15°27	19°22	28°D44	27°26	18°38	n.a.	W 7
T 8	0 25 57	5° 0'55	17°12	22° 0	22°41	4° 9	28° 4	3°21	1°10	15°30	19°24	28°45	27°23	18°44	n.a.	T 8
F 9	0 29 54	6° 1'33	29°56	23°36	23°20	4°49	28°15	3°26	1° 8	15°32	19°26	28°R45	27°19	18°51	n.a.	F 9
S 10	0 33 50	7° 2'12	12♒24	25°11	24° 0	5°29	28°27	3°31	1° 6	15°34	19°28	28°44	27°16	18°58	n.a.	S 10
S 11	0 37 47	8° 2'53	24°39	26°47	24°41	6° 8	28°38	3°35	1° 3	15°36	19°29	28°41	27°13	19° 4	n.a.	S 11
M12	0 41 43	9° 3'35	6♓46	28°23	25°24	6°48	28°50	3°40	1° 1	15°39	19°31	28°35	27°10	19°11	n.a.	M12
T 13	0 45 40	10° 4'18	18°46	29°59	26° 7	7°28	29° 1	3°44	0°59	15°41	19°32	28°26	27° 7	19°18	n.a.	T 13
W14	0 49 37	11° 5'02	0♈42	1♎35	26°52	8° 8	29°12	3°49	0°56	15°43	19°34	28°15	27° 4	19°25	n.a.	W14
T 15	0 53 33	12° 5'49	12°36	3°11	27°38	8°48	29°24	3°53	0°54	15°45	19°36	28° 1	27° 0	19°31	n.a.	T 15
F 16	0 57 30	13° 6'36	24°28	4°46	28°24	9°29	29°35	3°57	0°52	15°48	19°37	27°47	26°57	19°38	n.a.	F 16
S 17	1 1 26	14° 7'25	6♉21	6°22	29°12	10° 9	29°46	4° 1	0°49	15°50	19°39	27°33	26°54	19°45	n.a.	S 17
S 18	1 5 23	15° 8'16	18°15	7°58	0♍ 1	10°49	29°57	4° 5	0°47	15°52	19°40	27°20	26°51	19°51	n.a.	S 18
M19	1 9 19	16° 9'08	0♊13	9°33	0°50	11°29	0♍ 8	4° 9	0°44	15°54	19°42	27° 9	26°48	19°58	n.a.	M19
T 20	1 13 16	17°10'01	12°17	11° 8	1°40	12°10	0°18	4°13	0°42	15°57	19°43	27° 2	26°45	20° 5	n.a.	T 20
W21	1 17 12	18°10'56	24°31	12°44	2°31	12°50	0°29	4°16	0°39	15°59	19°44	26°57	26°41	20°12	n.a.	W21
T 22	1 21 9	19°11'53	6♋59	14°19	3°23	13°31	0°40	4°20	0°37	16° 1	19°46	26°55	26°38	20°18	n.a.	T 22
F 23	1 25 6	20°12'51	19°44	15°54	4°16	14°11	0°50	4°24	0°34	16° 3	19°47	26°55	26°35	20°25	n.a.	F 23
S 24	1 29 2	21°13'51	2♌53	17°29	5° 9	14°52	1° 1	4°27	0°32	16° 6	19°48	26°55	26°32	20°32	n.a.	S 24
S 25	1 32 59	22°14'52	16°27	19° 3	6° 3	15°33	1°11	4°30	0°29	16° 8	19°50	26°54	26°29	20°39	n.a.	S 25
M26	1 36 55	23°15'55	0♍31	20°38	6°58	16°13	1°22	4°34	0°27	16°10	19°51	26°51	26°25	20°45	n.a.	M26
T 27	1 40 52	24°16'58	15° 3	22°13	7°53	16°54	1°32	4°37	0°24	16°12	19°52	26°45	26°22	20°52	n.a.	T 27
W28	1 44 48	25°18'03	0♎ 0	23°47	8°49	17°35	1°42	4°40	0°22	16°15	19°53	26°37	26°19	20°59	n.a.	W28
T 29	1 48 45	26°19'10	15°15	25°22	9°46	18°16	1°52	4°43	0°19	16°17	19°55	26°26	26°16	21° 5	n.a.	T 29
F 30	1 52 41	27°20'17	0♏37	26°56	10°43	18°57	2° 2	4°45	0°17	16°19	19°56	26°14	26°13	21°12	n.a.	F 30
S 31	1 56 38	28♎21'25	15♏55	28♎30	11♍40	19♑38	2♍12	4♌48	0♑14	16♎21	19♌57	26♋ 3	26♋10	21♈19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	0n50	1n23	4n42	9n25	2n 7	12n30	3s 5	26s24	2s35	13n57	1n13	21n 3	1n15	11n46	0s24	4s17	1n58	30n 5	15n41	20n37	20n56	2n28		n.a.	
F 2	0 25	4s13	5 2	8 49	2 5	12 32	2 53	26 23	2 34	13 53	1 13	21 2	1 15	11 46	0 24	4 18	1 58	30 5	15 41	20 39	20 57	2 31		n.a.	
S 3	0 1	9 32	5 1	8 12	2 3	12 33	2 42	26 21	2 32	13 49	1 13	21 1	1 15	11 45	0 24	4 19	1 58	30 5	15 42	20 41	20 57	2 33		n.a.	
S 4	0s24	14 9	4 39	7 33	2 0	12 33	2 31	26 19	2 30	13 45	1 13	21 0	1 15	11 44	0 24	4 19	1 58	30 5	15 42	20 42	20 58	2 36		n.a.	
M 5	0 48	17 50	4 0	6 53	1 57	12 33	2 20	26 17	2 29	13 41	1 13	20 59	1 15	11 43	0 24	4 20	1 58	30 4	15 43	20 43	20 59	2 38		n.a.	
T 6	1 13	20 21	3 8	6 13	1 54	12 32	2 10	26 14	2 27	13 37	1 13	20 58	1 16	11 43	0 24	4 21	1 58	30 4	15 43	20 44	20 59	2 40		n.a.	
W 7	1 37	21 38	2 7	5 31	1 49	12 30	1 59	26 12	2 26	13 33	1 13	20 57	1 16	11 42	0 24	4 22	1 58	30 4	15 43	20 44	21 0	2 43		n.a.	
T 8	2 1	21 41	1 1	4 49	1 45	12 27	1 49	26 9	2 24	13 29	1 13	20 56	1 16	11 41	0 24	4 23	1 58	30 4	15 44	20 44	21 1	2 45		n.a.	
F 9	2 26	20 35	0s 6	4 7	1 40	12 24	1 39	26 6	2 22	13 25	1 14	20 55	1 16	11 40	0 24	4 24	1 58	30 3	15 44	20 44	21 1	2 48		n.a.	
S 10	2 50	18 30	1 12	3 23	1 35	12 20	1 29	26 3	2 21	13 21	1 14	20 54	1 16	11 40	0 24	4 25	1 58	30 3	15 45	20 44	21 2	2 50		n.a.	
S 11	3 14	15 36	2 13	2 40	1 30	12 15	1 19	25 59	2 19	13 17	1 14	20 53	1 16	11 39	0 24	4 26	1 58	30 3	15 45	20 45	21 2	2 53		n.a.	
M12	3 39	12 3	3 7	1 56	1 24	12 9	1 10	25 56	2 18	13 13	1 14	20 53	1 17	11 38	0 24	4 27	1 58	30 3	15 45	20 46	21 3	2 55		n.a.	
T 13	4 3	8 4	3 52	1 12	1 18	12 3	1 1	25 52	2 16	13 9	1 14	20 52	1 17	11 37	0 24	4 27	1 58	30 3	15 46	20 48	21 4	2 58		n.a.	
W14	4 27	3 47	4 27	0 28	1 13	11 56	0 52	25 48	2 15	13 5	1 14	20 51	1 17	11 36	0 24	4 28	1 58	30 3	15 46	20 50	21 4	3 0		n.a.	
T 15	4 51	0n37	4 49	0s16	1 6	11 49	0 43	25 44	2 13	13 1	1 15	20 50	1 17	11 35	0 24	4 29	1 58	30 2	15 47	20 53	21 5	3 2		n.a.	
F 16	5 15	4 59	5 0	1 0	1 0	11 40	0 34	25 39	2 11	12 58	1 15	20 49	1 17	11 35	0 24	4 30	1 58	30 2	15 47	20 56	21 6	3 5		n.a.	
S 17	5 39	9 11	4 57	1 45	0 54	11 31	0 26	25 35	2 10	12 54	1 15	20 48	1 18	11 34	0 24	4 31	1 58	30 2	15 48	20 59	21 6	3 7		n.a.	
S 18	6 3	13 2	4 41	2 29	0 48	11 22	0 18	25 30	2 8	12 50	1 15	20 48	1 18	11 33	0 24	4 32	1 58	30 2	15 48	21 1	21 7	3 10		n.a.	
M19	6 27	16 24	4 12	3 13	0 41	11 12	0 10	25 25	2 7	12 46	1 15	20 47	1 18	11 32	0 24	4 33	1 58	30 2	15 49	21 3	21 7	3 12		n.a.	
T 20	6 51	19 7	3 32	3 57	0 35	11 1	0 2	25 20	2 5	12 43	1 15	20 46	1 18	11 31	0 24	4 34	1 58	30 2	15 49	21 5	21 8	3 15		n.a.	
W21	7 14	21 0	2 42	4 41	0 28	10 49	0n 5	25 14	2 4	12 39	1 16	20 46	1 18	11 30	0 24	4 34	1 58	30 2	15 49	21 6	21 9	3 17		n.a.	
T 22	7 38	21 54	1 43	5 24	0 21	10 37	0 13	25 8	2 2	12 35	1 16	20 45	1 19	11 29	0 24	4 35	1 58	30 2	15 50	21 6	21 9	3 20		n.a.	
F 23	8 1	21 43	0 38	6 7	0 15	10 24	0 20	25 3	2 1	12 32	1 16	20 44	1 19	11 29	0 24	4 36	1 58	30 2	15 50	21 6	21 10	3 22		n.a.	
S 24	8 24	20 20	0n31	6 50	0 8	10 11	0 27	24 57	1 59	12 28	1 16	20 44	1 19	11 28	0 24	4 37	1 58	30 2	15 51	21 6	21 11	3 24		n.a.	
S 25	8 48	17 45	1 41	7 33	0 2	9 57	0 33	24 50	1 58	12 24	1 16	20 43	1 19	11 27	0 24	4 38	1 58	30 2	15 51	21 6	21 11	3 27		n.a.	
M26	9 11	14 4	2 47	8 15	0s 5	9 42	0 40	24 44	1 56	12 21	1 17	20 42	1 20	11 26	0 24	4 39	1 58	30 2	15 52	21 7	21 12	3 29		n.a.	
T 27	9 33	9 25	3 45	8 57	0 11	9 27	0 46	24 37	1 55	12 17	1 17	20 42	1 20	11 25	0 24	4 40	1 58	30 2	15 52	21 8	21 12	3 32		n.a.	
W28	9 56	4 6	4 29	9 39	0 18	9 12	0 52	24 30	1 53	12 14	1 17	20 41	1 20	11 24	0 24	4 41	1 58	30 2	15 53	21 10	21 13	3 34		n.a.	
T 29	10 19	1s35	4 54	10 20	0 24	8 56	0 58	24 23	1 52	12 10	1 17	20 41	1 20	11 23	0 24	4 41	1 58	30 2	15 53	21 12	21 14	3 37		n.a.	
F 30	10 41	7 12	4 59	11 1	0 31	8 39	1 4	24 16	1 50	12 7	1 17	20 40	1 20	11 22	0 24	4 42	1 58	30 2	15 54	21 14	21 14	3 39		n.a.	
S 31	11s 3	12s21	4n42	11s41	0s37	8n22	1n10	24s 9	1s49	12n 4	1n18	20n40	1n21	11n21	0s24	4s43	1n58	30n 2	15n54	21n16	21n15	3n42		n.a.	

Julian Day Number = 1357176.5, Delta T = 07h02m09s
Ecliptic obliquity = 23°48'47, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°50'36, Lahiri = -17°43'35 Julian Calendar 1 Oct. 998 BCE == Greg. Calendar 22 Sept. 998 BCE

The year -997 astronomical counting style corresponds to year 998 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 998 BCE
geocentric

NOVEMBER 998 BCE (-997) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 0 35	29♎22'34	0♐56	0♏ 5	12♍39	20♑19	2♍21	4♌51	0°R12	16♎24	19♌58	25°R53	26♋ 6	21♈26	n.a.	S 1
M 2	2 4 31	0♏23'44	15°32	1°39	13°37	21° 0	2°31	4°53	0♉ 9	16°26	19°59	25♋45	26° 3	21°32	n.a.	M 2
T 3	2 8 28	1°24'54	29°40	3°14	14°37	21°41	2°40	4°56	0° 7	16°28	20° 0	25°41	26° 0	21°39	n.a.	T 3
W 4	2 12 24	2°26'05	13♑17	4°48	15°36	22°23	2°50	4°58	0° 4	16°30	20° 1	25°39	25°57	21°46	n.a.	W 4
T 5	2 16 21	3°27'17	26°26	6°23	16°37	23° 4	2°59	5° 0	0° 2	16°32	20° 2	25°39	25°54	21°52	n.a.	T 5
F 6	2 20 17	4°28'29	9♒11	7°57	17°37	23°45	3° 8	5° 3	29♈59	16°34	20° 3	25°39	25°51	21°59	n.a.	F 6
S 7	2 24 14	5°29'41	21°36	9°32	18°38	24°26	3°17	5° 5	29°56	16°37	20° 4	25°38	25°47	22° 6	n.a.	S 7
S 8	2 28 10	6°30'54	3♓46	11° 7	19°40	25° 8	3°26	5° 6	29°54	16°39	20° 5	25°35	25°44	22°13	n.a.	S 8
M 9	2 32 7	7°32'06	15°47	12°41	20°42	25°49	3°35	5° 8	29°51	16°41	20° 5	25°29	25°41	22°19	n.a.	M 9
T 10	2 36 4	8°33'20	27°41	14°16	21°44	26°30	3°44	5°10	29°49	16°43	20° 6	25°20	25°38	22°26	n.a.	T 10
W11	2 40 0	9°34'33	9♈33	15°51	22°46	27°12	3°52	5°12	29°46	16°45	20° 7	25° 9	25°35	22°33	n.a.	W11
T 12	2 43 57	10°35'47	21°25	17°27	23°49	27°53	4° 1	5°13	29°44	16°47	20° 8	24°56	25°31	22°40	n.a.	T 12
F 13	2 47 53	11°37'01	3♉19	19° 2	24°53	28°34	4° 9	5°14	29°41	16°49	20° 8	24°41	25°28	22°46	n.a.	F 13
S 14	2 51 50	12°38'16	15°15	20°37	25°57	29°16	4°17	5°16	29°39	16°52	20° 9	24°27	25°25	22°53	n.a.	S 14
S 15	2 55 46	13°39'31	27°16	22°13	27° 1	29°57	4°25	5°17	29°37	16°54	20°10	24°15	25°22	23° 0	n.a.	S 15
M16	2 59 43	14°40'47	9♊22	23°49	28° 5	0♒39	4°33	5°18	29°34	16°56	20°10	24° 4	25°19	23° 6	n.a.	M16
T 17	3 3 39	15°42'03	21°36	25°24	29°10	1°20	4°41	5°19	29°32	16°58	20°11	23°57	25°16	23°13	n.a.	T 17
W18	3 7 36	16°43'19	3♋57	27° 0	0♎15	2° 2	4°49	5°20	29°29	17° 0	20°11	23°52	25°12	23°20	n.a.	W18
T 19	3 11 33	17°44'36	16°31	28°36	1°20	2°43	4°56	5°20	29°27	17° 2	20°12	23°50	25° 9	23°27	n.a.	T 19
F 20	3 15 29	18°45'53	29°19	0♐12	2°25	3°25	5° 4	5°21	29°25	17° 4	20°12	23°D50	25° 6	23°33	n.a.	F 20
S 21	3 19 26	19°47'11	12♌24	1°47	3°31	4° 6	5°11	5°22	29°22	17° 6	20°13	23°51	25° 3	23°40	n.a.	S 21
S 22	3 23 22	20°48'29	25°51	3°23	4°37	4°48	5°18	5°22	29°20	17° 8	20°13	23°R51	25° 0	23°47	n.a.	S 22
M23	3 27 19	21°49'47	9♍42	4°58	5°44	5°29	5°25	5°22	29°18	17°10	20°14	23°49	24°56	23°54	n.a.	M23
T 24	3 31 15	22°51'06	23°58	6°34	6°50	6°11	5°32	5°22	29°15	17°12	20°14	23°45	24°53	24° 0	n.a.	T 24
W25	3 35 12	23°52'24	8♎37	8° 8	7°57	6°53	5°39	5°R23	29°13	17°13	20°14	23°39	24°50	24° 7	n.a.	W25
T 26	3 39 9	24°53'43	23°34	9°42	9° 4	7°34	5°45	5°22	29°11	17°15	20°14	23°31	24°47	24°14	n.a.	T 26
F 27	3 43 5	25°55'02	8♏42	11°16	10°11	8°16	5°52	5°22	29° 9	17°17	20°15	23°22	24°44	24°20	n.a.	F 27
S 28	3 47 2	26°56'21	23°51	12°48	11°19	8°57	5°58	5°22	29° 6	17°19	20°15	23°12	24°41	24°27	n.a.	S 28
S 29	3 50 58	27°57'40	8♐49	14°20	12°27	9°39	6° 4	5°22	29° 4	17°21	20°15	23° 4	24°37	24°34	n.a.	S 29
M30	3 54 55	28♏58'59	23♐29	15♐49	13♎34	10♒21	6♍10	5♌21	29♈ 2	17♎23	20♌15	22♋59	24♋34	24♈41	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s25	16s39	4n 6	12s21	0s43	8n 4	1n15	24s 1	1s47	12n 0	1n18	20n39	1n21	11n21	0s24	4s44	1n58	30n 3	15n55	21n18	21n15	3n44		n.a.
M 2	11 47	19 47	3 15	13 0	0 49	7 46	1 20	23 53	1 46	11 57	1 18	20 39	1 21	11 20	0 24	4 45	1 58	30 3	15 56	21 19	21 16	3 47		n.a.
T 3	12 9	21 36	2 13	13 38	0 55	7 27	1 25	23 45	1 44	11 54	1 18	20 39	1 21	11 19	0 24	4 46	1 58	30 3	15 56	21 20	21 17	3 49		n.a.
W 4	12 30	22 4	1 5	14 16	1 1	7 8	1 30	23 37	1 43	11 50	1 18	20 38	1 22	11 18	0 24	4 47	1 58	30 3	15 57	21 21	21 17	3 51		n.a.
T 5	12 52	21 16	0s 4	14 54	1 6	6 49	1 35	23 28	1 41	11 47	1 19	20 38	1 22	11 17	0 24	4 47	1 58	30 3	15 57	21 21	21 18	3 54		n.a.
F 6	13 13	19 23	1 11	15 31	1 12	6 29	1 39	23 20	1 40	11 44	1 19	20 38	1 22	11 16	0 24	4 48	1 58	30 3	15 58	21 21	21 18	3 56		n.a.
S 7	13 33	16 37	2 13	16 7	1 17	6 9	1 43	23 11	1 39	11 41	1 19	20 37	1 22	11 15	0 24	4 49	1 58	30 4	15 58	21 21	21 19	3 59		n.a.
S 8	13 54	13 10	3 7	16 42	1 22	5 48	1 47	23 2	1 37	11 38	1 19	20 37	1 22	11 14	0 24	4 50	1 58	30 4	15 59	21 21	21 20	4 1		n.a.
M 9	14 14	9 15	3 52	17 16	1 27	5 27	1 51	22 53	1 36	11 35	1 20	20 37	1 23	11 13	0 24	4 51	1 58	30 4	15 59	21 22	21 20	4 4		n.a.
T 10	14 35	5 0	4 27	17 50	1 32	5 5	1 55	22 44	1 34	11 32	1 20	20 37	1 23	11 12	0 24	4 51	1 58	30 4	16 0	21 24	21 21	4 6		n.a.
W11	14 54	0 35	4 49	18 23	1 37	4 43	1 59	22 34	1 33	11 29	1 20	20 37	1 23	11 12	0 24	4 52	1 58	30 5	16 0	21 26	21 21	4 9		n.a.
T 12	15 14	3n51	5 0	18 55	1 41	4 21	2 2	22 24	1 32	11 26	1 20	20 36	1 23	11 11	0 24	4 53	1 58	30 5	16 1	21 29	21 22	4 11		n.a.
F 13	15 33	8 10	4 57	19 26	1 45	3 59	2 5	22 14	1 30	11 23	1 21	20 36	1 24	11 10	0 24	4 54	1 58	30 5	16 2	21 31	21 23	4 14		n.a.
S 14	15 52	12 11	4 41	19 56	1 49	3 36	2 8	22 4	1 29	11 20	1 21	20 36	1 24	11 9	0 24	4 55	1 58	30 5	16 2	21 34	21 23	4 16		n.a.
S 15	16 11	15 45	4 13	20 25	1 53	3 13	2 11	21 54	1 28	11 18	1 21	20 36	1 24	11 8	0 24	4 55	1 58	30 6	16 3	21 36	21 24	4 18		n.a.
M16	16 30	18 42	3 33	20 53	1 56	2 49	2 14	21 44	1 26	11 15	1 21	20 36	1 24	11 7	0 24	4 56	1 58	30 6	16 3	21 38	21 24	4 21		n.a.
T 17	16 48	20 51	2 42	21 20	1 59	2 25	2 17	21 33	1 25	11 12	1 22	20 36	1 25	11 6	0 24	4 57	1 58	30 6	16 4	21 39	21 25	4 23		n.a.
W18	17 6	22 2	1 44	21 46	2 2	2 1	2 19	21 22	1 24	11 10	1 22	20 36	1 25	11 6	0 24	4 58	1 58	30 7	16 4	21 40	21 26	4 26		n.a.
T 19	17 23	22 8	0 39	22 10	2 4	1 37	2 21	21 11	1 22	11 7	1 22	20 36	1 25	11 5	0 24	4 58	1 58	30 7	16 5	21 40	21 26	4 28		n.a.
F 20	17 41	21 5	0n29	22 34	2 6	1 13	2 23	21 0	1 21	11 4	1 22	20 36	1 25	11 4	0 24	4 59	1 58	30 7	16 5	21 40	21 27	4 31		n.a.
S 21	17 57	18 54	1 37	22 55	2 8	0 48	2 25	20 49	1 20	11 2	1 23	20 36	1 25	11 3	0 24	5 0	1 58	30 8	16 6	21 40	21 27	4 33		n.a.
S 22	18 14	15 38	2 42	23 16	2 9	0 23	2 27	20 38	1 18	10 59	1 23	20 36	1 26	11 2	0 24	5 1	1 58	30 8	16 7	21 40	21 28	4 36		n.a.
M23	18 30	11 25	3 39	23 35	2 9	0s 2	2 29	20 26	1 17	10 57	1 23	20 37	1 26	11 1	0 24	5 1	1 58	30 9	16 7	21 41	21 29	4 38		n.a.
T 24	18 46	6 28	4 25	23 52	2 9	0 28	2 30	20 14	1 16	10 55	1 23	20 37	1 26	11 1	0 24	5 2	1 58	30 9	16 8	21 41	21 29	4 41		n.a.
W25	19 2	1 1	4 54	24 7	2 9	0 53	2 32	20 2	1 14	10 53	1 24	20 37	1 26	11 0	0 24	5 3	1 58	30 9	16 8	21 42	21 30	4 43		n.a.
T 26	19 17	4s35	5 4	24 21	2 8	1 19	2 33	19 50	1 13	10 50	1 24	20 37	1 27	10 59	0 24	5 3	1 59	30 10	16 9	21 44	21 30	4 46		n.a.
F 27	19 32	9 59	4 54	24 34	2 6	1 44	2 34	19 38	1 12	10 48	1 24	20 37	1 27	10 58	0 24	5 4	1 59	30 10	16 9	21 45	21 31	4 48		n.a.
S 28	19 47	14 47	4 22	24 44	2 4	2 10	2 35	19 26	1 11	10 46	1 24	20 38	1 27	10 58	0 24	5 5	1 59	30 11	16 10	21 47	21 31	4 51		n.a.
S 29	20 1	18 36	3 33	24 53	2 1	2 36	2 36	19 13	1 9	10 44	1 25	20 38	1 27	10 57	0 24	5 6	1 59	30 11	16 11	21 48	21 32	4 53		n.a.
M30	20s15	21s 8	2n31	24s59	1s57	3s 2	2n36	19s 1	1s 8	10n42	1n25	20n38	1n28	10n56	0s24	5s 6	1n59	30n12	16n11	21n49	21n33	4n55		n.a.

Julian Day Number = 1357207.5, Delta T = 07h02m07s
Ecliptic obliquity = 23°48'47, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°50'31, Lahiri = -17°43'31 Julian Calendar 1 Nov. 998 BCE == Greg. Calendar 23 Oct. 998 BCE

The year -997 astronomical counting style corresponds to year 998 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 998 BCE
geocentric

DECEMBER 998 BCE (-997) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 58 51	0♐ 0'17	7♉43	17♐17	14♎43	11♒ 2	6♍16	5°R21	29°R 0	17♎25	20♌15	22°R55	24♋31	24♈47	n.a.	T 1
W 2	4 2 48	1° 1'34	21°29	18°43	15°51	11°44	6°22	5♌20	28♈58	17°26	20°15	22°D54	24°28	24°54	n.a.	W 2
T 3	4 6 44	2° 2'51	4♒46	20° 7	16°59	12°26	6°27	5°19	28°56	17°28	20°R15	22♋55	24°25	25° 1	n.a.	T 3
F 4	4 10 41	3° 4'08	17°38	21°27	18° 8	13° 7	6°32	5°18	28°54	17°30	20°15	22°56	24°22	25° 8	n.a.	F 4
S 5	4 14 38	4° 5'23	0♓ 8	22°44	19°16	13°49	6°38	5°17	28°52	17°31	20°15	22°R57	24°18	25°14	n.a.	S 5
S 6	4 18 34	5° 6'38	12°21	23°57	20°25	14°30	6°43	5°16	28°50	17°33	20°15	22°57	24°15	25°21	n.a.	S 6
M 7	4 22 31	6° 7'52	24°22	25° 4	21°34	15°12	6°47	5°15	28°48	17°35	20°15	22°54	24°12	25°28	n.a.	M 7
T 8	4 26 27	7° 9'05	6♈16	26° 6	22°43	15°54	6°52	5°13	28°46	17°36	20°15	22°50	24° 9	25°34	n.a.	T 8
W 9	4 30 24	8°10'17	18° 7	27° 1	23°53	16°35	6°57	5°12	28°44	17°38	20°14	22°44	24° 6	25°41	n.a.	W 9
T 10	4 34 20	9°11'28	29°59	27°49	25° 2	17°17	7° 1	5°10	28°43	17°40	20°14	22°37	24° 2	25°48	n.a.	T 10
F 11	4 38 17	10°12'39	11♉55	28°29	26°12	17°59	7° 5	5° 9	28°41	17°41	20°14	22°28	23°59	25°55	n.a.	F 11
S 12	4 42 13	11°13'49	23°57	29° 0	27°22	18°40	7° 9	5° 7	28°39	17°43	20°14	22°20	23°56	26° 1	n.a.	S 12
S 13	4 46 10	12°14'58	6♊ 7	29°21	28°31	19°22	7°13	5° 5	28°38	17°44	20°13	22°12	23°53	26° 8	n.a.	S 13
M14	4 50 7	13°16'06	18°25	29°R31	29°41	20° 3	7°16	5° 3	28°36	17°46	20°13	22° 6	23°50	26°15	n.a.	M14
T 15	4 54 3	14°17'13	0♋53	29°29	0♏51	20°45	7°20	5° 1	28°34	17°47	20°13	22° 2	23°47	26°21	n.a.	T 15
W16	4 58 0	15°18'20	13°32	29°17	2° 2	21°26	7°23	4°59	28°33	17°49	20°12	22° 0	23°43	26°28	n.a.	W16
T 17	5 1 56	16°19'26	26°21	28°52	3°12	22° 8	7°26	4°57	28°31	17°50	20°12	22°D 0	23°40	26°35	n.a.	T 17
F 18	5 5 53	17°20'31	9♌24	28°17	4°22	22°49	7°29	4°54	28°30	17°51	20°11	22° 1	23°37	26°42	n.a.	F 18
S 19	5 9 49	18°21'35	22°40	27°31	5°33	23°31	7°32	4°52	28°29	17°53	20°11	22° 2	23°34	26°48	n.a.	S 19
S 20	5 13 46	19°22'38	6♍11	26°35	6°44	24°12	7°35	4°49	28°27	17°54	20°10	22° 4	23°31	26°55	n.a.	S 20
M21	5 17 43	20°23'41	19°59	25°32	7°54	24°54	7°37	4°47	28°26	17°55	20° 9	22°R 5	23°28	27° 2	n.a.	M21
T 22	5 21 39	21°24'43	4♎ 3	24°22	9° 5	25°35	7°39	4°44	28°25	17°57	20° 9	22° 4	23°24	27° 9	n.a.	T 22
W23	5 25 36	22°25'44	18°23	23° 9	10°16	26°17	7°41	4°41	28°23	17°58	20° 8	22° 2	23°21	27°15	n.a.	W23
T 24	5 29 32	23°26'44	2♏56	21°54	11°27	26°58	7°43	4°38	28°22	17°59	20° 7	21°59	23°18	27°22	n.a.	T 24
F 25	5 33 29	24°27'43	17°38	20°40	12°38	27°40	7°45	4°35	28°21	18° 0	20° 7	21°55	23°15	27°29	n.a.	F 25
S 26	5 37 25	25°28'41	2♐20	19°28	13°49	28°21	7°46	4°32	28°20	18° 1	20° 6	21°51	23°12	27°35	n.a.	S 26
S 27	5 41 22	26°29'39	16°57	18°20	15° 0	29° 3	7°47	4°29	28°19	18° 2	20° 5	21°47	23° 8	27°42	n.a.	S 27
M28	5 45 18	27°30'35	1♉22	17°19	16°12	29°44	7°48	4°26	28°18	18° 4	20° 4	21°45	23° 5	27°49	n.a.	M28
T 29	5 49 15	28°31'29	15°28	16°24	17°23	0♓25	7°49	4°23	28°17	18° 5	20° 4	21°D43	23° 2	27°56	n.a.	T 29
W30	5 53 12	29°32'23	29°12	15°37	18°34	1° 7	7°50	4°19	28°16	18° 6	20° 3	21°43	22°59	28° 2	n.a.	W30
T 31	5 57 8	0♉33'14	12♒32	14♐58	19♏46	1♓48	7♍50	4♌16	28♈15	18♎ 7	20♌ 2	21♋44	22♋56	28♈ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	20s28	22s15	1n21	25s 4	1s53	3s29	2n37	18s48	1s 7	10n40	1n25	20n39	1n28	10n55	0s24	5s 7	1n59	30n12	16n12	21n50	21n33	4n58			n.a.
W 2	20 41	21 57	0 8	25 7	1 47	3 55	2 37	18 35	1 6	10 38	1 26	20 39	1 28	10 55	0 24	5 7	1 59	30 13	16 12	21 50	21 34	5 0			n.a.
T 3	20 54	20 24	1s 3	25 7	1 41	4 21	2 38	18 22	1 4	10 36	1 26	20 40	1 28	10 54	0 24	5 8	1 59	30 13	16 13	21 50	21 34	5 3			n.a.
F 4	21 6	17 50	2 9	25 6	1 34	4 47	2 38	18 9	1 3	10 35	1 26	20 40	1 28	10 53	0 24	5 9	1 59	30 14	16 13	21 50	21 35	5 5			n.a.
S 5	21 18	14 30	3 7	25 2	1 26	5 14	2 38	17 55	1 2	10 33	1 26	20 41	1 29	10 52	0 24	5 9	1 59	30 14	16 14	21 50	21 35	5 8			n.a.
S 6	21 29	10 38	3 54	24 57	1 17	5 40	2 38	17 42	1 1	10 31	1 27	20 41	1 29	10 52	0 23	5 10	1 59	30 15	16 15	21 50	21 36	5 10			n.a.
M 7	21 40	6 24	4 31	24 49	1 6	6 6	2 37	17 28	0 59	10 30	1 27	20 42	1 29	10 51	0 23	5 11	1 59	30 16	16 15	21 50	21 37	5 13			n.a.
T 8	21 51	1 59	4 55	24 40	0 55	6 33	2 37	17 15	0 58	10 28	1 27	20 42	1 29	10 50	0 23	5 11	1 59	30 16	16 16	21 51	21 37	5 15			n.a.
W 9	22 1	2n29	5 7	24 29	0 42	6 59	2 37	17 1	0 57	10 27	1 28	20 43	1 30	10 50	0 23	5 12	1 59	30 17	16 16	21 52	21 38	5 18			n.a.
T 10	22 10	6 53	5 6	24 16	0 29	7 25	2 36	16 47	0 56	10 26	1 28	20 43	1 30	10 49	0 23	5 12	1 59	30 17	16 17	21 53	21 38	5 20			n.a.
F 11	22 20	11 2	4 51	24 2	0 14	7 51	2 35	16 33	0 55	10 24	1 28	20 44	1 30	10 49	0 23	5 13	1 59	30 18	16 17	21 54	21 39	5 23			n.a.
S 12	22 28	14 48	4 23	23 47	0n 2	8 18	2 35	16 19	0 54	10 23	1 28	20 45	1 30	10 48	0 23	5 13	1 59	30 19	16 18	21 56	21 39	5 25			n.a.
S 13	22 37	18 0	3 43	23 30	0 19	8 44	2 34	16 4	0 52	10 22	1 29	20 45	1 31	10 47	0 23	5 14	1 59	30 19	16 18	21 57	21 40	5 28			n.a.
M14	22 45	20 26	2 52	23 12	0 37	9 9	2 33	15 50	0 51	10 21	1 29	20 46	1 31	10 47	0 23	5 14	1 59	30 20	16 19	21 58	21 40	5 30			n.a.
T 15	22 52	21 56	1 52	22 54	0 55	9 35	2 32	15 36	0 50	10 20	1 29	20 47	1 31	10 46	0 23	5 15	1 59	30 20	16 20	21 59	21 41	5 33			n.a.
W16	22 59	22 21	0 46	22 35	1 14	10 1	2 30	15 21	0 49	10 19	1 30	20 47	1 31	10 46	0 23	5 15	1 59	30 21	16 20	21 59	21 42	5 35			n.a.
T 17	23 6	21 36	0n24	22 15	1 33	10 26	2 29	15 6	0 48	10 18	1 30	20 48	1 31	10 45	0 23	5 16	2 0	30 22	16 21	21 59	21 42	5 37			n.a.
F 18	23 12	19 41	1 34	21 56	1 52	10 52	2 28	14 51	0 47	10 17	1 30	20 49	1 32	10 45	0 23	5 16	2 0	30 22	16 21	21 59	21 43	5 40			n.a.
S 19	23 18	16 41	2 40	21 37	2 10	11 17	2 26	14 37	0 46	10 16	1 31	20 50	1 32	10 44	0 23	5 17	2 0	30 23	16 22	21 59	21 43	5 42			n.a.
S 20	23 23	12 45	3 38	21 18	2 28	11 42	2 25	14 22	0 45	10 16	1 31	20 51	1 32	10 44	0 23	5 17	2 0	30 24	16 22	21 58	21 44	5 45			n.a.
M21	23 28	8 5	4 25	21 0	2 44	12 7	2 23	14 6	0 44	10 15	1 31	20 51	1 32	10 43	0 23	5 18	2 0	30 24	16 23	21 58	21 44	5 47			n.a.
T 22	23 32	2 54	4 58	20 43	2 59	12 31	2 21	13 51	0 42	10 15	1 31	20 52	1 32	10 43	0 23	5 18	2 0	30 25	16 23	21 58	21 45	5 50			n.a.
W23	23 36	2s31	5 12	20 27	3 11	12 56	2 19	13 36	0 41	10 14	1 32	20 53	1 33	10 43	0 23	5 19	2 0	30 26	16 24	21 59	21 45	5 52			n.a.
T 24	23 39	7 53	5 7	20 12	3 22	13 20	2 17	13 21	0 40	10 14	1 32	20 54	1 33	10 42	0 23	5 19	2 0	30 27	16 24	21 59	21 46	5 55			n.a.
F 25	23 42	12 51	4 42	19 59	3 30	13 43	2 15	13 5	0 39	10 13	1 32	20 55	1 33	10 42	0 23	5 19	2 0	30 27	16 25	22 0	21 47	5 57			n.a.
S 26	23 44	17 3	3 58	19 49	3 35	14 7	2 13	12 50	0 38	10 13	1 33	20 56	1 33	10 41	0 23	5 20	2 0	30 28	16 25	22 1	21 47	6 0			n.a.
S 27	23 46	20 11	2 59	19 40	3 39	14 30	2 11	12 34	0 37	10 13	1 33	20 57	1 33	10 41	0 23	5 20	2 0	30 29	16 26	22 1	21 48	6 2			n.a.
M28	23 47	21 59	1 50	19 33	3 39	14 53	2 9	12 18	0 36	10 13	1 33	20 58	1 34	10 41	0 23	5 21	2 0	30 29	16 26	22 2	21 48	6 5			n.a.
T 29	23 48	22 20	0 34	19 29	3 38	15 16	2 7	12 2	0 35	10 13	1 34	20 59	1 34	10 40	0 23	5 21	2 0	30 30	16 27	22 2	21 49	6 7			n.a.
W30	23 49	21 18	0s41	19 27	3 35	15 38	2 4	11 47	0 34	10 13	1 34	21 0	1 34	10 40	0 23	5 21	2 0	30 31	16 27	22 2	21 49	6 10			n.a.
T 31	23s49	19s 6	1s52	19s28	3n31	16s 0	2n 2	11s31	0s33	10n13	1n34	21n 1	1n34	10n40	0s23	5s22	2n 0	30n32	16n28	22n 2	21n50	6n12			n.a.

Julian Day Number = 1357237.5, Delta T = 07h02m06s
Ecliptic obliquity = 23°48'47, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°50'27, Lahiri = -17°43'27 Julian Calendar 1 Dec. 998 BCE == Greg. Calendar 22 Nov. 998 BCE

The year -997 astronomical counting style corresponds to year 998 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 997 BCE
geocentric

JANUARY 997 BCE (-996) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 1 5	1♉34'04	25♒28	14°R28	20♏57	2♓30	7♍51	4°R12	28°R15	18♎ 8	20°R 1	21♋46	22♋53	28♈16	n.a.	F 1
S 2	6 5 1	2°34'52	8♓ 4	14♐ 6	22° 9	3°11	7°R51	4♌ 9	28♈14	18° 8	20♌ 0	21°48	22°49	28°23	n.a.	S 2
S 3	6 8 58	3°35'39	20°22	13°52	23°21	3°52	7°51	4° 5	28°13	18° 9	19°59	21°49	22°46	28°29	n.a.	S 3
M 4	6 12 54	4°36'23	2♈26	13°D46	24°32	4°33	7°50	4° 1	28°13	18°10	19°58	21°R49	22°43	28°36	n.a.	M 4
T 5	6 16 51	5°37'06	14°22	13°47	25°44	5°15	7°50	3°57	28°12	18°11	19°57	21°49	22°40	28°43	n.a.	T 5
W 6	6 20 47	6°37'47	26°14	13°55	26°56	5°56	7°49	3°53	28°11	18°12	19°56	21°48	22°37	28°49	n.a.	W 6
T 7	6 24 44	7°38'26	8♉ 7	14°10	28° 8	6°37	7°48	3°49	28°11	18°13	19°55	21°46	22°34	28°56	n.a.	T 7
F 8	6 28 41	8°39'04	20° 5	14°31	29°20	7°18	7°47	3°45	28°11	18°13	19°54	21°44	22°30	29° 3	n.a.	F 8
S 9	6 32 37	9°39'39	2♊11	14°58	0♐32	8° 0	7°46	3°41	28°10	18°14	19°53	21°43	22°27	29°10	n.a.	S 9
S 10	6 36 34	10°40'13	14°29	15°29	1°44	8°41	7°45	3°37	28°10	18°15	19°51	21°41	22°24	29°16	n.a.	S 10
M11	6 40 30	11°40'45	26°59	16° 5	2°56	9°22	7°43	3°33	28°10	18°15	19°50	21°40	22°21	29°23	n.a.	M11
T 12	6 44 27	12°41'15	9♋44	16°46	4° 8	10° 3	7°41	3°29	28° 9	18°16	19°49	21°39	22°18	29°30	n.a.	T 12
W13	6 48 23	13°41'43	22°43	17°31	5°20	10°44	7°39	3°25	28° 9	18°16	19°48	21°D39	22°14	29°37	n.a.	W13
T 14	6 52 20	14°42'10	5♌56	18°20	6°32	11°25	7°37	3°20	28° 9	18°17	19°47	21°39	22°11	29°43	n.a.	T 14
F 15	6 56 17	15°42'35	19°23	19°11	7°44	12° 6	7°35	3°16	28°D 9	18°17	19°45	21°39	22° 8	29°50	n.a.	F 15
S 16	7 0 13	16°42'58	3♍ 2	20° 7	8°56	12°47	7°32	3°11	28° 9	18°18	19°44	21°40	22° 5	29°57	n.a.	S 16
S 17	7 4 10	17°43'20	16°52	21° 5	10° 9	13°28	7°30	3° 7	28° 9	18°18	19°43	21°40	22° 2	0♉ 3	n.a.	S 17
M18	7 8 6	18°43'40	0♎51	22° 5	11°21	14° 9	7°27	3° 2	28° 9	18°19	19°41	21°41	21°59	0°10	n.a.	M18
T 19	7 12 3	19°43'58	14°57	23° 9	12°33	14°50	7°24	2°58	28° 9	18°19	19°40	21°R41	21°55	0°17	n.a.	T 19
W20	7 15 59	20°44'15	29° 9	24°14	13°46	15°31	7°20	2°53	28°10	18°19	19°39	21°41	21°52	0°24	n.a.	W20
T 21	7 19 56	21°44'30	13♏24	25°22	14°58	16°12	7°17	2°49	28°10	18°20	19°37	21°D41	21°49	0°30	n.a.	T 21
F 22	7 23 52	22°44'43	27°40	26°32	16°10	16°53	7°13	2°44	28°10	18°20	19°36	21°41	21°46	0°37	n.a.	F 22
S 23	7 27 49	23°44'55	11♐53	27°44	17°23	17°34	7°10	2°39	28°11	18°20	19°34	21°41	21°43	0°44	n.a.	S 23
S 24	7 31 46	24°45'06	26° 0	28°57	18°35	18°14	7° 6	2°35	28°11	18°20	19°33	21°41	21°40	0°50	n.a.	S 24
M25	7 35 42	25°45'14	9♑57	0♑13	19°48	18°55	7° 2	2°30	28°12	18°21	19°32	21°41	21°36	0°57	n.a.	M25
T 26	7 39 39	26°45'21	23°42	1°30	21° 0	19°36	6°57	2°25	28°12	18°21	19°30	21°R42	21°33	1° 4	n.a.	T 26
W27	7 43 35	27°45'25	7♒10	2°49	22°13	20°17	6°53	2°21	28°13	18°21	19°29	21°41	21°30	1°11	n.a.	W27
T 28	7 47 32	28°45'27	20°21	4° 9	23°25	20°58	6°48	2°16	28°13	18°21	19°27	21°41	21°27	1°17	n.a.	T 28
F 29	7 51 28	29°45'27	3♓13	5°31	24°38	21°38	6°43	2°11	28°14	18°R21	19°26	21°40	21°24	1°24	n.a.	F 29
S 30	7 55 25	0♒45'25	15°48	6°54	25°51	22°19	6°38	2° 6	28°15	18°21	19°24	21°39	21°20	1°31	n.a.	S 30
S 31	7 59 21	1♒45'21	28♓ 8	8♑18	27♐ 3	23♓ 0	6♍33	2♌ 2	28♈16	18♎21	19♌23	21♋37	21♋17	1♉38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s48	15s59	2s55	19s31	3n24	16s22	1n59	11s15	0s32	10n13	1n35	21n 2	1n34	10n40	0s23	5s22	2n 0	30n32	16n28	22n 1	21n50	6n15		n.a.
S 2	23 47	12 12	3 48	19 35	3 17	16 43	1 57	10 59	0 31	10 13	1 35	21 3	1 35	10 39	0 23	5 22	2 0	30 33	16 29	22 1	21 51	6 17		n.a.
S 3	23 46	8 0	4 30	19 42	3 9	17 4	1 54	10 43	0 30	10 14	1 35	21 4	1 35	10 39	0 23	5 22	2 1	30 34	16 29	22 1	21 51	6 20		n.a.
M 4	23 44	3 34	4 58	19 50	3 0	17 24	1 52	10 26	0 29	10 14	1 35	21 5	1 35	10 39	0 23	5 23	2 1	30 35	16 29	22 1	21 52	6 22		n.a.
T 5	23 41	0n57	5 13	20 0	2 50	17 44	1 49	10 10	0 28	10 14	1 36	21 6	1 35	10 39	0 23	5 23	2 1	30 35	16 30	22 1	21 52	6 24		n.a.
W 6	23 39	5 24	5 15	20 11	2 40	18 3	1 46	9 54	0 27	10 15	1 36	21 7	1 35	10 39	0 23	5 23	2 1	30 36	16 30	22 1	21 53	6 27		n.a.
T 7	23 35	9 39	5 3	20 23	2 29	18 23	1 43	9 37	0 26	10 16	1 36	21 9	1 36	10 38	0 23	5 23	2 1	30 37	16 31	22 1	21 54	6 29		n.a.
F 8	23 32	13 34	4 38	20 36	2 18	18 41	1 40	9 21	0 25	10 16	1 37	21 10	1 36	10 38	0 23	5 24	2 1	30 38	16 31	22 2	21 54	6 32		n.a.
S 9	23 27	17 0	4 1	20 50	2 7	18 59	1 38	9 5	0 24	10 17	1 37	21 11	1 36	10 38	0 23	5 24	2 1	30 39	16 32	22 2	21 55	6 34		n.a.
S 10	23 23	19 43	3 12	21 5	1 56	19 17	1 35	8 48	0 23	10 18	1 37	21 12	1 36	10 38	0 23	5 24	2 1	30 39	16 32	22 2	21 55	6 37		n.a.
M11	23 17	21 34	2 12	21 20	1 45	19 34	1 32	8 31	0 22	10 19	1 38	21 13	1 36	10 38	0 23	5 24	2 1	30 40	16 32	22 2	21 56	6 39		n.a.
T 12	23 12	22 22	1 6	21 35	1 34	19 51	1 29	8 15	0 21	10 20	1 38	21 14	1 36	10 38	0 23	5 24	2 1	30 41	16 33	22 2	21 56	6 42		n.a.
W13	23 6	21 58	0n 6	21 50	1 23	20 7	1 26	7 58	0 20	10 21	1 38	21 16	1 36	10 38	0 23	5 25	2 1	30 42	16 33	22 3	21 57	6 44		n.a.
T 14	22 59	20 21	1 18	22 5	1 13	20 23	1 23	7 42	0 20	10 22	1 39	21 17	1 37	10 38	0 22	5 25	2 1	30 42	16 33	22 2	21 57	6 47		n.a.
F 15	22 52	17 34	2 28	22 20	1 2	20 38	1 19	7 25	0 19	10 23	1 39	21 18	1 37	10 38	0 22	5 25	2 1	30 43	16 34	22 2	21 58	6 49		n.a.
S 16	22 45	13 48	3 30	22 35	0 51	20 53	1 16	7 8	0 18	10 24	1 39	21 19	1 37	10 38	0 22	5 25	2 1	30 44	16 34	22 2	21 58	6 52		n.a.
S 17	22 37	9 15	4 21	22 49	0 41	21 7	1 13	6 51	0 17	10 25	1 39	21 20	1 37	10 38	0 22	5 25	2 1	30 45	16 35	22 2	21 59	6 54		n.a.
M18	22 29	4 11	4 56	23 3	0 31	21 20	1 10	6 35	0 16	10 27	1 40	21 21	1 37	10 38	0 22	5 25	2 2	30 46	16 35	22 2	21 59	6 57		n.a.
T 19	22 20	1s 9	5 15	23 17	0 21	21 33	1 7	6 18	0 15	10 28	1 40	21 23	1 37	10 38	0 22	5 25	2 2	30 46	16 35	22 2	22 0	6 59		n.a.
W20	22 11	6 27	5 14	23 30	0 11	21 45	1 4	6 1	0 14	10 30	1 40	21 24	1 37	10 38	0 22	5 25	2 2	30 47	16 36	22 2	22 0	7 2		n.a.
T 21	22 2	11 25	4 55	23 42	0 2	21 57	1 0	5 44	0 13	10 31	1 40	21 25	1 38	10 38	0 22	5 25	2 2	30 48	16 36	22 2	22 1	7 4		n.a.
F 22	21 52	15 47	4 17	23 53	0s 7	22 8	0 57	5 27	0 12	10 33	1 41	21 26	1 38	10 39	0 22	5 25	2 2	30 49	16 36	22 2	22 1	7 6		n.a.
S 23	21 41	19 12	3 23	24 4	0 16	22 18	0 54	5 10	0 12	10 35	1 41	21 27	1 38	10 39	0 22	5 25	2 2	30 49	16 36	22 2	22 2	7 9		n.a.
S 24	21 31	21 27	2 18	24 13	0 25	22 28	0 51	4 53	0 11	10 36	1 41	21 29	1 38	10 39	0 22	5 25	2 2	30 50	16 37	22 2	22 2	7 11		n.a.
M25	21 19	22 22	1 5	24 22	0 33	22 37	0 48	4 36	0 10	10 38	1 42	21 30	1 38	10 39	0 22	5 25	2 2	30 51	16 37	22 2	22 3	7 14		n.a.
T 26	21 8	21 53	0s11	24 29	0 41	22 46	0 44	4 19	0 9	10 40	1 42	21 31	1 38	10 39	0 22	5 25	2 2	30 52	16 37	22 2	22 3	7 16		n.a.
W27	20 56	20 8	1 25	24 35	0 49	22 54	0 41	4 2	0 8	10 42	1 42	21 32	1 38	10 40	0 22	5 25	2 2	30 52	16 38	22 2	22 4	7 19		n.a.
T 28	20 44	17 20	2 32	24 41	0 56	23 1	0 38	3 45	0 7	10 44	1 42	21 33	1 38	10 40	0 22	5 25	2 2	30 53	16 38	22 2	22 4	7 21		n.a.
F 29	20 31	13 44	3 30	24 45	1 3	23 8	0 35	3 28	0 7	10 46	1 43	21 35	1 38	10 40	0 22	5 25	2 2	30 54	16 38	22 2	22 5	7 24		n.a.
S 30	20 18	9 37	4 17	24 47	1 10	23 14	0 31	3 11	0 6	10 48	1 43	21 36	1 39	10 40	0 22	5 25	2 2	30 55	16 38	22 3	22 5	7 26		n.a.
S 31	20s 5	5s11	4s50	24s49	1s16	23s19	0n28	2s54	0s 5	10n50	1n43	21n37	1n39	10n41	0s22	5s25	2n 2	30n55	16n39	22n 3	22n 6	7n29		n.a.

Julian Day Number = 1357268.5, Delta T = 07h02m04s
Ecliptic obliquity = 23°48'47, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°50'23, Lahiri = -17°43'23 Julian Calendar 1 Jan. 997 BCE == Greg. Calendar 23 Dec. 998 BCE

The year -996 astronomical counting style corresponds to year 997 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 997 BCE
geocentric

FEBRUARY 997 BCE (-996) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 3 18	2♒45'14	10♈14	9♉44	28♐16	23♓40	6°R28	1°R57	28♈16	18°R21	19°R21	21°R36	21♋14	1♉44	n.a.	M 1
T 2	8 7 14	3°45'05	22°12	11°11	29°28	24°21	6♍23	1♌52	28°17	18♎21	19♌19	21♋35	21°11	1°51	n.a.	T 2
W 3	8 11 11	4°44'53	4♉ 5	12°40	0♉41	25° 1	6°17	1°48	28°18	18°20	19°18	21°D35	21° 8	1°58	n.a.	W 3
T 4	8 15 8	5°44'40	15°58	14°10	1°54	25°42	6°12	1°43	28°19	18°20	19°16	21°35	21° 5	2° 4	n.a.	T 4
F 5	8 19 4	6°44'23	27°56	15°41	3° 6	26°22	6° 6	1°38	28°20	18°20	19°15	21°36	21° 1	2°11	n.a.	F 5
S 6	8 23 1	7°44'05	10♊ 3	17°13	4°19	27° 3	6° 0	1°33	28°21	18°20	19°13	21°37	20°58	2°18	n.a.	S 6
S 7	8 26 57	8°43'44	22°24	18°46	5°32	27°43	5°54	1°29	28°23	18°20	19°12	21°39	20°55	2°25	n.a.	S 7
M 8	8 30 54	9°43'21	5♋ 2	20°21	6°45	28°24	5°48	1°24	28°24	18°19	19°10	21°40	20°52	2°31	n.a.	M 8
T 9	8 34 50	10°42'55	17°59	21°57	7°57	29° 4	5°41	1°19	28°25	18°19	19° 8	21°R41	20°49	2°38	n.a.	T 9
W10	8 38 47	11°42'28	1♌16	23°34	9°10	29°45	5°35	1°15	28°26	18°18	19° 7	21°40	20°46	2°45	n.a.	W10
T 11	8 42 43	12°41'57	14°52	25°13	10°23	0♈25	5°29	1°10	28°28	18°18	19° 5	21°39	20°42	2°51	n.a.	T 11
F 12	8 46 40	13°41'25	28°47	26°53	11°36	1° 5	5°22	1° 6	28°29	18°18	19° 3	21°37	20°39	2°58	n.a.	F 12
S 13	8 50 37	14°40'51	12♍55	28°34	12°48	1°46	5°15	1° 1	28°31	18°17	19° 2	21°34	20°36	3° 5	n.a.	S 13
S 14	8 54 33	15°40'14	27°12	0♒16	14° 1	2°26	5° 8	0°56	28°32	18°17	19° 0	21°30	20°33	3°12	n.a.	S 14
M15	8 58 30	16°39'36	11♎34	2° 0	15°14	3° 6	5° 2	0°52	28°34	18°16	18°59	21°27	20°30	3°18	n.a.	M15
T 16	9 2 26	17°38'55	25°55	3°45	16°27	3°46	4°55	0°48	28°35	18°16	18°57	21°25	20°26	3°25	n.a.	T 16
W17	9 6 23	18°38'13	10♏13	5°31	17°40	4°27	4°48	0°43	28°37	18°15	18°55	21°23	20°23	3°32	n.a.	W17
T 18	9 10 19	19°37'29	24°23	7°18	18°53	5° 7	4°40	0°39	28°38	18°14	18°54	21°D23	20°20	3°39	n.a.	T 18
F 19	9 14 16	20°36'43	8♐25	9° 7	20° 6	5°47	4°33	0°34	28°40	18°14	18°52	21°24	20°17	3°45	n.a.	F 19
S 20	9 18 12	21°35'55	22°16	10°57	21°18	6°27	4°26	0°30	28°42	18°13	18°50	21°25	20°14	3°52	n.a.	S 20
S 21	9 22 9	22°35'06	5♑57	12°49	22°31	7° 7	4°18	0°26	28°44	18°12	18°49	21°27	20°11	3°59	n.a.	S 21
M22	9 26 5	23°34'14	19°27	14°42	23°44	7°47	4°11	0°22	28°46	18°12	18°47	21°R28	20° 7	4° 5	n.a.	M22
T 23	9 30 2	24°33'21	2♒45	16°36	24°57	8°27	4° 4	0°18	28°48	18°11	18°45	21°27	20° 4	4°12	n.a.	T 23
W24	9 33 59	25°32'25	15°51	18°32	26°10	9° 7	3°56	0°14	28°50	18°10	18°44	21°25	20° 1	4°19	n.a.	W24
T 25	9 37 55	26°31'27	28°44	20°29	27°23	9°47	3°48	0°10	28°52	18° 9	18°42	21°21	19°58	4°26	n.a.	T 25
F 26	9 41 52	27°30'27	11♓24	22°27	28°36	10°27	3°41	0° 6	28°54	18° 8	18°41	21°16	19°55	4°32	n.a.	F 26
S 27	9 45 48	28°29'24	23°51	24°26	29°49	11° 7	3°33	0° 2	28°56	18° 7	18°39	21° 9	19°51	4°39	n.a.	S 27
S 28	9 49 45	29°28'20	6♈ 6	26°27	1♒ 2	11°47	3°26	29♋58	28°58	18° 7	18°37	21° 2	19°48	4°46	n.a.	S 28
M29	9 53 41	0♓27'13	18♈10	28♒29	2♒15	12♈27	3♍18	29♋54	29♈ 0	18♎ 6	18♌36	20♋55	19♋45	4♉52	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s51	0s38	5s10	24s49	1s22	23s23	0n25	2s37	0s 4	10n52	1n43	21n38	1n39	10n41	0s22	5s25	2n 2	30n56	16n39	22n 3	22n 6	7n31		n.a.
T 2	19 37	3n53	5 16	24 48	1 28	23 27	0 22	2 20	0 3	10 54	1 44	21 39	1 39	10 41	0 22	5 25	2 3	30 57	16 39	22 3	22 7	7 34		n.a.
W 3	19 23	8 14	5 9	24 45	1 33	23 30	0 18	2 3	0 3	10 57	1 44	21 41	1 39	10 42	0 22	5 25	2 3	30 58	16 39	22 3	22 7	7 36		n.a.
T 4	19 8	12 17	4 48	24 41	1 39	23 33	0 15	1 46	0 2	10 59	1 44	21 42	1 39	10 42	0 22	5 25	2 3	30 58	16 39	22 3	22 8	7 39		n.a.
F 5	18 53	15 52	4 15	24 35	1 43	23 34	0 12	1 29	0 1	11 1	1 44	21 43	1 39	10 43	0 22	5 25	2 3	30 59	16 40	22 3	22 8	7 41		n.a.
S 6	18 37	18 50	3 30	24 28	1 48	23 35	0 9	1 12	0 0	11 4	1 44	21 44	1 39	10 43	0 22	5 24	2 3	31 0	16 40	22 3	22 9	7 44		n.a.
S 7	18 22	21 1	2 35	24 19	1 51	23 36	0 6	0 55	0n 1	11 6	1 45	21 45	1 39	10 43	0 22	5 24	2 3	31 0	16 40	22 3	22 9	7 46		n.a.
M 8	18 6	22 12	1 31	24 8	1 55	23 36	0 3	0 38	0 1	11 9	1 45	21 46	1 39	10 44	0 22	5 24	2 3	31 1	16 40	22 2	22 10	7 49		n.a.
T 9	17 49	22 15	0 20	23 56	1 58	23 34	0s 0	0 21	0 2	11 11	1 45	21 47	1 39	10 44	0 22	5 24	2 3	31 2	16 40	22 2	22 10	7 51		n.a.
W10	17 33	21 3	0n53	23 42	2 1	23 33	0 3	0 4	0 3	11 14	1 45	21 48	1 39	10 45	0 22	5 24	2 3	31 2	16 40	22 2	22 11	7 53		n.a.
T 11	17 16	18 36	2 4	23 26	2 3	23 30	0 6	0n13	0 4	11 17	1 45	21 50	1 39	10 45	0 22	5 23	2 3	31 3	16 40	22 2	22 11	7 56		n.a.
F 12	16 58	15 3	3 10	23 9	2 5	23 27	0 9	0 30	0 4	11 19	1 45	21 51	1 39	10 46	0 22	5 23	2 3	31 4	16 40	22 3	22 12	7 58		n.a.
S 13	16 41	10 35	4 5	22 50	2 6	23 23	0 12	0 47	0 5	11 22	1 46	21 52	1 39	10 46	0 22	5 23	2 3	31 4	16 41	22 3	22 12	8 1		n.a.
S 14	16 23	5 29	4 46	22 29	2 7	23 19	0 15	1 4	0 6	11 25	1 46	21 53	1 40	10 47	0 22	5 23	2 3	31 5	16 41	22 4	22 13	8 3		n.a.
M15	16 5	0 5	5 9	22 6	2 8	23 14	0 18	1 21	0 6	11 27	1 46	21 54	1 40	10 48	0 22	5 22	2 3	31 6	16 41	22 4	22 13	8 6		n.a.
T 16	15 47	5s19	5 13	21 41	2 8	23 8	0 21	1 38	0 7	11 30	1 46	21 55	1 40	10 48	0 22	5 22	2 3	31 6	16 41	22 5	22 14	8 8		n.a.
W17	15 28	10 25	4 57	21 15	2 8	23 1	0 24	1 55	0 8	11 33	1 46	21 56	1 40	10 49	0 22	5 22	2 4	31 7	16 41	22 5	22 14	8 11		n.a.
T 18	15 10	14 55	4 23	20 46	2 7	22 54	0 26	2 12	0 9	11 36	1 46	21 57	1 40	10 49	0 22	5 22	2 4	31 7	16 41	22 5	22 15	8 13		n.a.
F 19	14 51	18 32	3 34	20 16	2 5	22 46	0 29	2 28	0 9	11 38	1 46	21 58	1 40	10 50	0 21	5 21	2 4	31 8	16 41	22 5	22 15	8 16		n.a.
S 20	14 31	21 2	2 33	19 44	2 4	22 37	0 32	2 45	0 10	11 41	1 47	21 59	1 40	10 51	0 21	5 21	2 4	31 9	16 41	22 5	22 16	8 18		n.a.
S 21	14 12	22 17	1 24	19 10	2 1	22 28	0 34	3 2	0 11	11 44	1 47	22 0	1 40	10 51	0 21	5 21	2 4	31 9	16 41	22 4	22 16	8 21		n.a.
M22	13 52	22 12	0 11	18 34	1 58	22 18	0 37	3 19	0 11	11 47	1 47	22 1	1 40	10 52	0 21	5 20	2 4	31 10	16 41	22 4	22 17	8 23		n.a.
T 23	13 32	20 51	1s 1	17 55	1 55	22 7	0 40	3 35	0 12	11 50	1 47	22 2	1 40	10 53	0 21	5 20	2 4	31 10	16 41	22 4	22 17	8 26		n.a.
W24	13 12	18 23	2 9	17 16	1 51	21 56	0 42	3 52	0 13	11 53	1 47	22 2	1 40	10 54	0 21	5 20	2 4	31 11	16 41	22 5	22 18	8 28		n.a.
T 25	12 52	15 3	3 9	16 34	1 46	21 44	0 45	4 8	0 13	11 55	1 47	22 3	1 40	10 54	0 21	5 19	2 4	31 11	16 41	22 5	22 18	8 30		n.a.
F 26	12 32	11 4	3 58	15 50	1 41	21 32	0 47	4 25	0 14	11 58	1 47	22 4	1 40	10 55	0 21	5 19	2 4	31 12	16 41	22 6	22 19	8 33		n.a.
S 27	12 11	6 41	4 36	15 4	1 35	21 19	0 49	4 41	0 15	12 1	1 47	22 5	1 40	10 56	0 21	5 18	2 4	31 13	16 41	22 7	22 19	8 35		n.a.
S 28	11 50	2 7	4 59	14 17	1 29	21 5	0 52	4 58	0 15	12 4	1 47	22 6	1 40	10 57	0 21	5 18	2 4	31 13	16 41	22 8	22 20	8 38		n.a.
M29	11s29	2n29	5s 9	13s28	1s22	20s50	0s54	5n14	0n16	12n 7	1n47	22n 7	1n40	10n57	0s21	5s18	2n 4	31n14	16n41	22n 9	22n20	8n40		n.a.

Julian Day Number = 1357299.5, Delta T = 07h02m03s
Ecliptic obliquity = 23°48'47, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°50'19, Lahiri = -17°43'18 Julian Calendar 1 Feb. 997 BCE == Greg. Calendar 23 Jan. 997 BCE

The year -996 astronomical counting style corresponds to year 997 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 997 BCE
geocentric

MARCH 997 BCE (-996) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 57 38	1♓26'03	0♉ 7	0♓32	3♒28	13♈ 7	3°R10	29°R50	29♈ 2	18°R 5	18°R34	20°R50	19♋42	4♉59	n.a.	T 1
W 2	10 1 34	2°24'52	12° 0	2°35	4°41	13°47	3♍ 2	29♋47	29° 4	18♎ 4	18♏33	20♋46	19°39	5° 6	n.a.	W 2
T 3	10 5 31	3°23'38	23°52	4°40	5°54	14°27	2°55	29°43	29° 7	18° 3	18°31	20°44	19°36	5°13	n.a.	T 3
F 4	10 9 27	4°22'21	5♊48	6°45	7° 7	15° 6	2°47	29°40	29° 9	18° 2	18°29	20°D43	19°32	5°19	n.a.	F 4
S 5	10 13 24	5°21'03	17°53	8°51	8°20	15°46	2°39	29°36	29°11	18° 1	18°28	20°44	19°29	5°26	n.a.	S 5
S 6	10 17 21	6°19'42	0♋13	10°56	9°33	16°26	2°32	29°33	29°14	17°59	18°26	20°45	19°26	5°33	n.a.	S 6
M 7	10 21 17	7°18'18	12°52	13° 2	10°46	17° 6	2°24	29°30	29°16	17°58	18°25	20°46	19°23	5°39	n.a.	M 7
T 8	10 25 14	8°16'53	25°53	15° 8	11°58	17°45	2°16	29°27	29°19	17°57	18°23	20°R46	19°20	5°46	n.a.	T 8
W 9	10 29 10	9°15'25	9♌19	17°13	13°11	18°25	2° 9	29°23	29°21	17°56	18°22	20°45	19°17	5°53	n.a.	W 9
T 10	10 33 7	10°13'54	23°11	19°17	14°24	19° 5	2° 1	29°20	29°24	17°55	18°20	20°41	19°13	6° 0	n.a.	T 10
F 11	10 37 3	11°12'22	7♍27	21°20	15°37	19°44	1°54	29°18	29°26	17°54	18°19	20°35	19°10	6° 6	n.a.	F 11
S 12	10 41 0	12°10'48	22° 0	23°21	16°50	20°24	1°46	29°15	29°29	17°52	18°17	20°28	19° 7	6°13	n.a.	S 12
S 13	10 44 56	13° 9'11	6♎46	25°20	18° 3	21° 3	1°39	29°12	29°32	17°51	18°16	20°20	19° 4	6°20	n.a.	S 13
M14	10 48 53	14° 7'33	21°35	27°17	19°16	21°43	1°31	29° 9	29°34	17°50	18°14	20°12	19° 1	6°27	n.a.	M14
T 15	10 52 50	15° 5'53	6♏19	29°12	20°29	22°22	1°24	29° 7	29°37	17°49	18°13	20° 5	18°57	6°33	n.a.	T 15
W16	10 56 46	16° 4'11	20°53	1♈ 4	21°43	23° 2	1°17	29° 4	29°40	17°47	18°12	20° 1	18°54	6°40	n.a.	W16
T 17	11 0 43	17° 2'28	5♐11	2°53	22°56	23°41	1° 9	29° 2	29°42	17°46	18°10	19°58	18°51	6°47	n.a.	T 17
F 18	11 4 39	18° 0'43	19°11	4°38	24° 9	24°21	1° 2	28°59	29°45	17°45	18° 9	19°D58	18°48	6°53	n.a.	F 18
S 19	11 8 36	18°58'56	2♑53	6°20	25°22	25° 0	0°55	28°57	29°48	17°43	18° 7	19°58	18°45	7° 0	n.a.	S 19
S 20	11 12 32	19°57'08	16°18	7°58	26°35	25°39	0°48	28°55	29°51	17°42	18° 6	19°R59	18°42	7° 7	n.a.	S 20
M21	11 16 29	20°55'18	29°28	9°32	27°48	26°19	0°41	28°53	29°54	17°41	18° 5	19°58	18°38	7°14	n.a.	M21
T 22	11 20 25	21°53'27	12♒25	11° 2	29° 1	26°58	0°35	28°51	29°57	17°39	18° 3	19°56	18°35	7°20	n.a.	T 22
W23	11 24 22	22°51'34	25°10	12°28	0♓14	27°37	0°28	28°49	29°59	17°38	18° 2	19°51	18°32	7°27	n.a.	W23
T 24	11 28 18	23°49'39	7♓44	13°50	1°27	28°17	0°21	28°48	0♉ 3	17°36	18° 1	19°44	18°29	7°34	n.a.	T 24
F 25	11 32 15	24°47'42	20° 9	15° 7	2°40	28°56	0°15	28°46	0° 6	17°35	18° 0	19°34	18°26	7°40	n.a.	F 25
S 26	11 36 12	25°45'44	2♈24	16°20	3°53	29°35	0° 8	28°44	0° 9	17°33	17°58	19°22	18°23	7°47	n.a.	S 26
S 27	11 40 8	26°43'44	14°31	17°28	5° 6	0♉14	0° 2	28°43	0°12	17°32	17°57	19°10	18°19	7°54	n.a.	S 27
M28	11 44 5	27°41'42	26°31	18°32	6°19	0°54	29♌56	28°42	0°15	17°30	17°56	18°58	18°16	8° 1	n.a.	M28
T 29	11 48 1	28°39'38	8♉25	19°31	7°33	1°33	29°50	28°40	0°18	17°29	17°55	18°47	18°13	8° 7	n.a.	T 29
W30	11 51 58	29°37'32	20°15	20°25	8°46	2°12	29°44	28°39	0°21	17°27	17°54	18°38	18°10	8°14	n.a.	W30
T 31	11 55 54	0♈35'25	2♊ 6	21♈15	9♓59	2♉51	29♌38	28♋38	0♉24	17♎26	17♏53	18♋32	18♋ 7	8♉21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	11s 8	6n56	5s 6	12s37	1s15	20s35	0s56	5n31	0n17	12n10	1n47	22n 7	1n40	10n58	0s21	5s17	2n 4	31n14	16n41	22n10	22n20	8n43			n.a.
W 2	10 47	11 6	4 49	11 45	1 7	20 20	0 58	5 47	0 17	12 13	1 47	22 8	1 40	10 59	0 21	5 17	2 4	31 14	16 41	22 11	22 21	8 45			n.a.
T 3	10 25	14 50	4 20	10 51	0 58	20 4	1 0	6 3	0 18	12 16	1 47	22 9	1 40	11 0	0 21	5 16	2 4	31 15	16 41	22 11	22 21	8 48			n.a.
F 4	10 3	18 1	3 39	9 56	0 49	19 47	1 2	6 19	0 19	12 18	1 47	22 10	1 40	11 1	0 21	5 16	2 4	31 15	16 41	22 11	22 22	8 50			n.a.
S 5	9 42	20 27	2 48	9 0	0 40	19 30	1 4	6 36	0 19	12 21	1 47	22 10	1 40	11 2	0 21	5 15	2 4	31 16	16 40	22 11	22 22	8 53			n.a.
S 6	9 20	22 0	1 49	8 2	0 30	19 12	1 6	6 52	0 20	12 24	1 47	22 11	1 40	11 3	0 21	5 15	2 4	31 16	16 40	22 11	22 23	8 55			n.a.
M 7	8 58	22 28	0 43	7 4	0 20	18 54	1 8	7 8	0 20	12 27	1 47	22 12	1 40	11 3	0 21	5 15	2 5	31 17	16 40	22 11	22 23	8 57			n.a.
T 8	8 36	21 45	0n28	6 5	0 9	18 35	1 10	7 24	0 21	12 30	1 47	22 12	1 40	11 4	0 21	5 14	2 5	31 17	16 40	22 11	22 24	9 0			n.a.
W 9	8 13	19 47	1 38	5 6	0n 2	18 15	1 11	7 40	0 22	12 32	1 47	22 13	1 39	11 5	0 21	5 14	2 5	31 17	16 40	22 11	22 24	9 2			n.a.
T 10	7 51	16 36	2 45	4 7	0 13	17 55	1 13	7 55	0 22	12 35	1 47	22 14	1 39	11 6	0 21	5 13	2 5	31 18	16 40	22 12	22 25	9 5			n.a.
F 11	7 28	12 22	3 44	3 7	0 24	17 35	1 14	8 11	0 23	12 38	1 47	22 14	1 39	11 7	0 21	5 13	2 5	31 18	16 40	22 12	22 25	9 7			n.a.
S 12	7 6	7 20	4 29	2 8	0 35	17 14	1 16	8 27	0 23	12 41	1 47	22 15	1 39	11 8	0 21	5 12	2 5	31 18	16 39	22 14	22 26	9 10			n.a.
S 13	6 43	1 49	4 57	1 10	0 47	16 53	1 17	8 43	0 24	12 43	1 47	22 15	1 39	11 9	0 21	5 12	2 5	31 19	16 39	22 15	22 26	9 12			n.a.
M14	6 20	3s49	5 6	0 12	0 58	16 31	1 19	8 58	0 25	12 46	1 47	22 16	1 39	11 10	0 21	5 11	2 5	31 19	16 39	22 16	22 26	9 15			n.a.
T 15	5 58	9 13	4 54	0n44	1 9	16 9	1 20	9 14	0 25	12 48	1 47	22 16	1 39	11 11	0 21	5 11	2 5	31 19	16 39	22 17	22 27	9 17			n.a.
W16	5 35	14 2	4 23	1 39	1 20	15 46	1 21	9 29	0 26	12 51	1 47	22 17	1 39	11 12	0 21	5 10	2 5	31 20	16 39	22 18	22 27	9 20			n.a.
T 17	5 12	17 57	3 36	2 33	1 31	15 23	1 22	9 44	0 26	12 54	1 47	22 17	1 39	11 13	0 21	5 9	2 5	31 20	16 38	22 18	22 28	9 22			n.a.
F 18	4 49	20 45	2 37	3 25	1 41	14 59	1 24	10 0	0 27	12 56	1 47	22 18	1 39	11 14	0 21	5 9	2 5	31 20	16 38	22 18	22 28	9 24			n.a.
S 19	4 26	22 17	1 30	4 15	1 51	14 36	1 25	10 15	0 27	12 59	1 47	22 18	1 39	11 15	0 21	5 8	2 5	31 20	16 38	22 18	22 29	9 27			n.a.
S 20	4 2	22 29	0 20	5 2	2 0	14 11	1 26	10 30	0 28	13 1	1 47	22 18	1 39	11 16	0 21	5 8	2 5	31 21	16 38	22 18	22 29	9 29			n.a.
M21	3 39	21 24	0s51	5 48	2 9	13 47	1 26	10 45	0 28	13 3	1 47	22 19	1 39	11 17	0 21	5 7	2 5	31 21	16 38	22 18	22 30	9 32			n.a.
T 22	3 16	19 12	1 57	6 31	2 17	13 21	1 27	11 0	0 29	13 6	1 46	22 19	1 39	11 18	0 21	5 7	2 5	31 21	16 37	22 18	22 30	9 34			n.a.
W23	2 53	16 5	2 56	7 12	2 24	12 56	1 28	11 15	0 30	13 8	1 46	22 20	1 39	11 19	0 21	5 6	2 5	31 21	16 37	22 19	22 31	9 37			n.a.
T 24	2 29	12 16	3 46	7 51	2 31	12 30	1 29	11 30	0 30	13 10	1 46	22 20	1 39	11 20	0 21	5 5	2 5	31 21	16 37	22 20	22 31	9 39			n.a.
F 25	2 6	7 59	4 24	8 27	2 37	12 4	1 29	11 44	0 31	13 13	1 46	22 20	1 39	11 21	0 21	5 5	2 5	31 22	16 36	22 22	22 31	9 42			n.a.
S 26	1 43	3 26	4 49	9 0	2 42	11 38	1 30	11 59	0 31	13 15	1 46	22 20	1 39	11 23	0 21	5 4	2 5	31 22	16 36	22 23	22 32	9 44			n.a.
S 27	1 19	1n12	5 1	9 31	2 46	11 11	1 30	12 14	0 32	13 17	1 46	22 21	1 38	11 24	0 21	5 4	2 5	31 22	16 36	22 25	22 32	9 46			n.a.
M28	0 56	5 44	4 59	9 58	2 49	10 44	1 31	12 28	0 32	13 19	1 46	22 21	1 38	11 25	0 21	5 3	2 5	31 22	16 36	22 27	22 33	9 49			n.a.
T 29	0 32	10 2	4 45	10 23	2 52	10 17	1 31	12 42	0 33	13 21	1 46	22 21	1 38	11 26	0 21	5 3	2 5	31 22	16 35	22 28	22 33	9 51			n.a.
W30	0 9	13 57	4 18	10 46	2 53	9 49	1 31	12 57	0 33	13 23	1 45	22 21	1 38	11 27	0 21	5 2	2 5	31 22	16 35	22 30	22 34	9 54			n.a.
T 31	0n14	17n19	3s40	11n 5	2n53	9s21	1s32	13n11	0n34	13n25	1n45	22n21	1n38	11n28	0s21	5s 1	2n 5	31n22	16n35	22n30	22n34	9n56			n.a.

Julian Day Number = 1357328.5, Delta T = 07h02m01s
Ecliptic obliquity = 23°48'48, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°50'15, Lahiri = -17°43'14 Julian Calendar 1 March 997 BCE == Greg. Calendar 21 Feb. 997 BCE

The year -996 astronomical counting style corresponds to year 997 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 997 BCE
geocentric

APRIL 997 BCE (-996) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 59 51	1♈33'16	14♊ 0	21♈59	11♓12	3♉30	29°R33	28°R37	0♉27	17°R24	17°R52	18°R29	18♋ 3	8♉27	n.a.	F 1
S 2	12 3 47	2°31'04	26° 4	22°39	12°25	4° 9	29♌27	28♋36	0°31	17♎23	17♌50	18♋28	18° 0	8°34	n.a.	S 2
S 3	12 7 44	3°28'51	8♋20	23°13	13°38	4°48	29°22	28°36	0°34	17°21	17°49	18°D28	17°57	8°41	n.a.	S 3
M 4	12 11 41	4°26'36	20°56	23°43	14°51	5°27	29°17	28°35	0°37	17°20	17°48	18°R28	17°54	8°48	n.a.	M 4
T 5	12 15 37	5°24'20	3♌55	24° 7	16° 4	6° 6	29°12	28°34	0°40	17°18	17°47	18°27	17°51	8°54	n.a.	T 5
W 6	12 19 34	6°22'01	17°22	24°27	17°17	6°45	29° 7	28°34	0°44	17°17	17°46	18°24	17°48	9° 1	n.a.	W 6
T 7	12 23 30	7°19'41	1♍18	24°41	18°31	7°24	29° 2	28°34	0°47	17°15	17°46	18°19	17°44	9° 8	n.a.	T 7
F 8	12 27 27	8°17'19	15°42	24°50	19°44	8° 3	28°57	28°33	0°50	17°13	17°45	18°11	17°41	9°14	n.a.	F 8
S 9	12 31 23	9°14'55	0♎29	24°R55	20°57	8°42	28°53	28°33	0°53	17°12	17°44	18° 2	17°38	9°21	n.a.	S 9
S 10	12 35 20	10°12'30	15°34	24°54	22°10	9°21	28°48	28°D33	0°57	17°10	17°43	17°51	17°35	9°28	n.a.	S 10
M11	12 39 16	11°10'04	0♏44	24°49	23°23	10° 0	28°44	28°33	1° 0	17° 9	17°42	17°40	17°32	9°35	n.a.	M11
T 12	12 43 13	12° 7'36	15°50	24°39	24°36	10°39	28°40	28°33	1° 4	17° 7	17°41	17°31	17°28	9°41	n.a.	T 12
W13	12 47 9	13° 5'07	0♐43	24°25	25°49	11°18	28°36	28°34	1° 7	17° 5	17°40	17°24	17°25	9°48	n.a.	W13
T 14	12 51 6	14° 2'38	15°15	24° 7	27° 3	11°57	28°33	28°34	1°10	17° 4	17°40	17°20	17°22	9°55	n.a.	T 14
F 15	12 55 3	15° 0'07	29°24	23°46	28°16	12°36	28°29	28°35	1°14	17° 2	17°39	17°18	17°19	10° 1	n.a.	F 15
S 16	12 58 59	15°57'35	13♑ 8	23°21	29°29	13°14	28°26	28°35	1°17	17° 1	17°38	17°18	17°16	10° 8	n.a.	S 16
S 17	13 2 56	16°55'03	26°29	22°53	0♈42	13°53	28°23	28°36	1°21	16°59	17°38	17°18	17°13	10°15	n.a.	S 17
M18	13 6 52	17°52'29	9♒31	22°23	1°55	14°32	28°20	28°37	1°24	16°57	17°37	17°17	17° 9	10°22	n.a.	M18
T 19	13 10 49	18°49'54	22°15	21°51	3° 9	15°11	28°17	28°38	1°27	16°56	17°36	17°14	17° 6	10°28	n.a.	T 19
W20	13 14 45	19°47'19	4♓46	21°18	4°22	15°49	28°14	28°39	1°31	16°54	17°36	17° 8	17° 3	10°35	n.a.	W20
T 21	13 18 42	20°44'42	17° 6	20°44	5°35	16°28	28°12	28°40	1°34	16°52	17°35	17° 0	17° 0	10°42	n.a.	T 21
F 22	13 22 38	21°42'05	29°18	20°10	6°48	17° 7	28°10	28°41	1°38	16°51	17°35	16°49	16°57	10°48	n.a.	F 22
S 23	13 26 35	22°39'27	11♈22	19°37	8° 2	17°46	28° 7	28°42	1°41	16°49	17°34	16°36	16°54	10°55	n.a.	S 23
S 24	13 30 32	23°36'47	23°21	19° 4	9°15	18°24	28° 5	28°43	1°45	16°48	17°34	16°22	16°50	11° 2	n.a.	S 24
M25	13 34 28	24°34'07	5♉15	18°33	10°28	19° 3	28° 4	28°45	1°48	16°46	17°33	16° 8	16°47	11° 9	n.a.	M25
T 26	13 38 25	25°31'26	17° 6	18° 5	11°41	19°41	28° 2	28°47	1°52	16°44	17°33	15°56	16°44	11°15	n.a.	T 26
W27	13 42 21	26°28'44	28°56	17°39	12°55	20°20	28° 1	28°48	1°55	16°43	17°33	15°46	16°41	11°22	n.a.	W27
T 28	13 46 18	27°26'01	10♊47	17°16	14° 8	20°59	27°59	28°50	1°59	16°41	17°32	15°39	16°38	11°29	n.a.	T 28
F 29	13 50 14	28°23'16	22°42	16°56	15°21	21°37	27°58	28°52	2° 2	16°40	17°32	15°35	16°34	11°35	n.a.	F 29
S 30	13 54 11	29♈20'31	4♋46	16♈40	16♈35	22♉16	27♌58	28♋54	2♉ 6	16♎38	17♌32	15♋33	16♋31	11♉42	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n38	20n 0	2s52	11n21	2n53	8s53	1s32	13n25	0n34	13n27	1n45	22n21	1n38	11n29	0s21	5s 1	2n 5	31n22	16n34	22n31	22n34	9n59		n.a.
S 2	1 1	21 49	1 56	11 35	2 51	8 25	1 32	13 39	0 35	13 28	1 45	22 22	1 38	11 30	0 21	5 0	2 5	31 22	16 34	22 31	22 35	10 1		n.a.
S 3	1 24	22 39	0 53	11 46	2 48	7 57	1 32	13 53	0 35	13 30	1 45	22 22	1 38	11 32	0 21	4 59	2 5	31 22	16 34	22 31	22 35	10 4		n.a.
M 4	1 48	22 22	0n13	11 53	2 45	7 28	1 32	14 6	0 36	13 32	1 44	22 22	1 38	11 33	0 21	4 59	2 5	31 22	16 33	22 31	22 36	10 6		n.a.
T 5	2 11	20 53	1 21	11 58	2 40	6 59	1 32	14 20	0 36	13 34	1 44	22 22	1 38	11 34	0 21	4 58	2 5	31 22	16 33	22 31	22 36	10 8		n.a.
W 6	2 34	18 12	2 27	12 0	2 34	6 30	1 31	14 33	0 37	13 35	1 44	22 22	1 38	11 35	0 21	4 58	2 5	31 22	16 33	22 32	22 37	10 11		n.a.
T 7	2 57	14 23	3 26	11 59	2 27	6 1	1 31	14 47	0 37	13 37	1 44	22 22	1 38	11 36	0 20	4 57	2 5	31 22	16 32	22 32	22 37	10 13		n.a.
F 8	3 20	9 37	4 14	11 54	2 19	5 31	1 31	15 0	0 38	13 38	1 44	22 22	1 37	11 38	0 20	4 56	2 5	31 22	16 32	22 33	22 37	10 16		n.a.
S 9	3 43	4 10	4 47	11 47	2 9	5 1	1 30	15 13	0 38	13 39	1 43	22 22	1 37	11 39	0 20	4 56	2 5	31 22	16 32	22 35	22 38	10 18		n.a.
S 10	4 6	1s37	5 0	11 37	1 59	4 32	1 30	15 26	0 38	13 41	1 43	22 21	1 37	11 40	0 20	4 55	2 5	31 22	16 31	22 36	22 38	10 21		n.a.
M11	4 29	7 20	4 53	11 25	1 47	4 2	1 29	15 39	0 39	13 42	1 43	22 21	1 37	11 41	0 20	4 54	2 5	31 22	16 31	22 38	22 39	10 23		n.a.
T 12	4 52	12 37	4 25	11 10	1 35	3 32	1 29	15 52	0 39	13 43	1 43	22 21	1 37	11 42	0 20	4 54	2 5	31 22	16 30	22 39	22 39	10 25		n.a.
W13	5 15	17 2	3 40	10 52	1 21	3 2	1 28	16 5	0 40	13 44	1 43	22 21	1 37	11 43	0 20	4 53	2 5	31 22	16 30	22 40	22 40	10 28		n.a.
T 14	5 37	20 19	2 41	10 32	1 7	2 32	1 28	16 18	0 40	13 45	1 42	22 21	1 37	11 45	0 20	4 53	2 6	31 22	16 30	22 40	22 40	10 30		n.a.
F 15	6 0	22 16	1 33	10 10	0 52	2 1	1 27	16 30	0 41	13 47	1 42	22 21	1 37	11 46	0 20	4 52	2 6	31 22	16 29	22 40	22 40	10 33		n.a.
S 16	6 22	22 47	0 22	9 46	0 36	1 31	1 26	16 43	0 41	13 47	1 42	22 21	1 37	11 47	0 20	4 51	2 6	31 22	16 29	22 40	22 41	10 35		n.a.
S 17	6 45	21 59	0s48	9 20	0 20	1 1	1 25	16 55	0 42	13 48	1 42	22 20	1 37	11 48	0 20	4 51	2 6	31 21	16 28	22 41	22 41	10 38		n.a.
M18	7 7	19 59	1 54	8 54	0 3	0 30	1 24	17 7	0 42	13 49	1 41	22 20	1 37	11 50	0 20	4 50	2 6	31 21	16 28	22 41	22 42	10 40		n.a.
T 19	7 29	17 2	2 53	8 26	0s14	0n 0	1 23	17 19	0 42	13 50	1 41	22 20	1 36	11 51	0 20	4 49	2 6	31 21	16 28	22 41	22 42	10 42		n.a.
W20	7 51	13 21	3 43	7 57	0 31	0 31	1 22	17 31	0 43	13 51	1 41	22 19	1 36	11 52	0 20	4 49	2 5	31 21	16 27	22 42	22 42	10 45		n.a.
T 21	8 13	9 9	4 21	7 29	0 48	1 1	1 21	17 43	0 43	13 51	1 41	22 19	1 36	11 53	0 20	4 48	2 5	31 21	16 27	22 43	22 43	10 47		n.a.
F 22	8 35	4 39	4 46	7 0	1 5	1 32	1 20	17 54	0 44	13 52	1 40	22 19	1 36	11 55	0 20	4 48	2 5	31 20	16 26	22 44	22 43	10 50		n.a.
S 23	8 57	0 0	4 58	6 32	1 21	2 2	1 18	18 6	0 44	13 52	1 40	22 18	1 36	11 56	0 20	4 47	2 5	31 20	16 26	22 46	22 44	10 52		n.a.
S 24	9 18	4n36	4 58	6 5	1 37	2 33	1 17	18 17	0 45	13 53	1 40	22 18	1 36	11 57	0 20	4 46	2 5	31 20	16 25	22 48	22 44	10 55		n.a.
M25	9 40	9 1	4 44	5 39	1 53	3 3	1 16	18 28	0 45	13 53	1 40	22 18	1 36	11 58	0 20	4 46	2 5	31 20	16 25	22 49	22 44	10 57		n.a.
T 26	10 1	13 6	4 17	5 14	2 8	3 33	1 14	18 40	0 45	13 54	1 39	22 17	1 36	11 59	0 20	4 45	2 5	31 19	16 24	22 51	22 45	10 59		n.a.
W27	10 22	16 39	3 40	4 51	2 21	4 4	1 13	18 50	0 46	13 54	1 39	22 17	1 36	12 1	0 20	4 45	2 5	31 19	16 24	22 52	22 45	11 2		n.a.
T 28	10 43	19 34	2 53	4 31	2 34	4 34	1 11	19 1	0 46	13 54	1 39	22 16	1 36	12 2	0 20	4 44	2 5	31 19	16 24	22 53	22 46	11 4		n.a.
F 29	11 4	21 39	1 58	4 12	2 46	5 4	1 10	19 12	0 46	13 54	1 39	22 16	1 36	12 3	0 20	4 43	2 5	31 18	16 23	22 53	22 46	11 7		n.a.
S 30	11n25	22n47	0s57	3n56	2s57	5n34	1s 8	19n23	0n47	13n54	1n38	22n15	1n35	12n 4	0s20	4s43	2n 5	31n18	16n23	22n53	22n46	11n 9		n.a.

Julian Day Number = 1357359.5, Delta T = 07h02m00s
Ecliptic obliquity = 23°48'49, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°50'11, Lahiri = -17°43'10 Julian Calendar 1 Apr. 997 BCE == Greg. Calendar 23 March 997 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 997 BCE
geocentric

MAY 997 BCE (-996) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 58 7	0♉17'45	17♋ 2	16°R28	17♈48	22♉54	27°R57	28♋56	2♉ 9	16°R36	17°R32	15°D33	16♋28	11♉49	n.a.	S 1
M 2	14 2 4	1°14'57	29°35	16♈20	19° 1	23°33	27♌56	28°58	2°13	16♎35	17♌31	15°R33	16°25	11°55	n.a.	M 2
T 3	14 6 1	2°12'09	12♌31	16°D16	20°14	24°12	27°56	29° 1	2°17	16°33	17°31	15♋32	16°22	12° 2	n.a.	T 3
W 4	14 9 57	3° 9'20	25°53	16°17	21°28	24°50	27°D56	29° 3	2°20	16°32	17°31	15°30	16°19	12° 9	n.a.	W 4
T 5	14 13 54	4° 6'29	9♍44	16°22	22°41	25°29	27°56	29° 5	2°24	16°30	17°31	15°26	16°15	12°16	n.a.	T 5
F 6	14 17 50	5° 3'38	24° 4	16°32	23°54	26° 7	27°56	29° 8	2°27	16°29	17°31	15°20	16°12	12°22	n.a.	F 6
S 7	14 21 47	6° 0'46	8♎51	16°47	25° 8	26°46	27°57	29°11	2°31	16°27	17°31	15°12	16° 9	12°29	n.a.	S 7
S 8	14 25 43	6°57'53	23°59	17° 6	26°21	27°24	27°57	29°13	2°34	16°26	17°D31	15° 2	16° 6	12°36	n.a.	S 8
M 9	14 29 40	7°55'00	9♏17	17°29	27°35	28° 2	27°58	29°16	2°38	16°24	17°31	14°53	16° 3	12°42	n.a.	M 9
T 10	14 33 37	8°52'06	24°34	17°57	28°48	28°41	27°59	29°19	2°41	16°23	17°31	14°44	15°59	12°49	n.a.	T 10
W11	14 37 33	9°49'12	9♐40	18°29	0♑ 1	29°19	28° 0	29°22	2°45	16°21	17°31	14°38	15°56	12°56	n.a.	W11
T 12	14 41 30	10°46'17	24°25	19° 6	1°15	29°58	28° 1	29°25	2°48	16°20	17°31	14°34	15°53	13° 3	n.a.	T 12
F 13	14 45 26	11°43'23	8♑45	19°47	2°28	0♊36	28° 3	29°28	2°52	16°19	17°31	14°D33	15°50	13° 9	n.a.	F 13
S 14	14 49 23	12°40'28	22°38	20°32	3°42	1°14	28° 4	29°32	2°55	16°17	17°32	14°33	15°47	13°16	n.a.	S 14
S 15	14 53 19	13°37'33	6♒ 4	21°21	4°55	1°53	28° 6	29°35	2°59	16°16	17°32	14°34	15°44	13°23	n.a.	S 15
M16	14 57 16	14°34'39	19° 6	22°15	6° 9	2°31	28° 8	29°39	3° 2	16°14	17°32	14°R34	15°40	13°29	n.a.	M16
T 17	15 1 12	15°31'44	1♓47	23°12	7°22	3°10	28°10	29°42	3° 6	16°13	17°32	14°32	15°37	13°36	n.a.	T 17
W18	15 5 9	16°28'49	14°13	24°13	8°35	3°48	28°13	29°46	3° 9	16°12	17°33	14°29	15°34	13°43	n.a.	W18
T 19	15 9 6	17°25'54	26°25	25°18	9°49	4°26	28°15	29°49	3°13	16°10	17°33	14°23	15°31	13°50	n.a.	T 19
F 20	15 13 2	18°23'00	8♈29	26°27	11° 3	5° 5	28°18	29°53	3°16	16° 9	17°33	14°15	15°28	13°56	n.a.	F 20
S 21	15 16 59	19°20'05	20°26	27°40	12°16	5°43	28°21	29°57	3°19	16° 8	17°34	14° 6	15°25	14° 3	n.a.	S 21
S 22	15 20 55	20°17'10	2♉19	28°56	13°30	6°21	28°24	0♌ 1	3°23	16° 6	17°34	13°56	15°21	14°10	n.a.	S 22
M23	15 24 52	21°14'16	14°10	0♉16	14°43	7° 0	28°27	0° 5	3°26	16° 5	17°35	13°46	15°18	14°16	n.a.	M23
T 24	15 28 48	22°11'21	26° 1	1°40	15°57	7°38	28°30	0° 9	3°30	16° 4	17°35	13°37	15°15	14°23	n.a.	T 24
W25	15 32 45	23° 8'27	7♊53	3° 7	17°10	8°16	28°34	0°13	3°33	16° 3	17°36	13°30	15°12	14°30	n.a.	W25
T 26	15 36 41	24° 5'32	19°48	4°37	18°24	8°54	28°38	0°18	3°36	16° 1	17°36	13°25	15° 9	14°36	n.a.	T 26
F 27	15 40 38	25° 2'38	1♋49	6°12	19°38	9°33	28°41	0°22	3°40	16° 0	17°37	13°22	15° 5	14°43	n.a.	F 27
S 28	15 44 35	25°59'43	13°58	7°49	20°51	10°11	28°46	0°27	3°43	15°59	17°38	13°D21	15° 2	14°50	n.a.	S 28
S 29	15 48 31	26°56'48	26°19	9°30	22° 5	10°49	28°50	0°31	3°46	15°58	17°38	13°22	14°59	14°57	n.a.	S 29
M30	15 52 28	27°53'54	8♌55	11°14	23°18	11°28	28°54	0°36	3°50	15°57	17°39	13°23	14°56	15° 3	n.a.	M30
T 31	15 56 24	28♉50'59	21♌51	13♉ 1	24♉32	12♊ 6	28♌59	0♌40	3♉53	15♎56	17♌40	13♋24	14♋53	15♉10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11n45	22n50	0n 8	3n42	3s 7	6n 4	1s 7	19n33	0n47	13n54	1n38	22n15	1n35	12n 6	0s20	4s42	2n 5	31n18	16n22	22n54	22n47	11n12			n.a.
M 2	12 5	21 45	1 14	3 31	3 15	6 34	1 5	19 43	0 48	13 54	1 38	22 14	1 35	12 7	0 20	4 42	2 5	31 17	16 22	22 53	22 47	11 14			n.a.
T 3	12 26	19 31	2 18	3 23	3 22	7 4	1 3	19 53	0 48	13 54	1 37	22 14	1 35	12 8	0 20	4 41	2 5	31 17	16 21	22 54	22 48	11 16			n.a.
W 4	12 45	16 10	3 17	3 18	3 29	7 33	1 1	20 3	0 48	13 54	1 37	22 13	1 35	12 9	0 20	4 40	2 5	31 17	16 21	22 54	22 48	11 19			n.a.
T 5	13 5	11 50	4 6	3 15	3 34	8 2	0 59	20 13	0 49	13 53	1 37	22 12	1 35	12 11	0 20	4 40	2 5	31 16	16 20	22 54	22 48	11 21			n.a.
F 6	13 25	6 42	4 42	3 15	3 38	8 32	0 58	20 23	0 49	13 53	1 37	22 12	1 35	12 12	0 20	4 39	2 5	31 16	16 20	22 55	22 49	11 24			n.a.
S 7	13 44	1 2	5 1	3 18	3 41	9 1	0 56	20 32	0 50	13 53	1 36	22 11	1 35	12 13	0 20	4 39	2 5	31 15	16 19	22 56	22 49	11 26			n.a.
S 8	14 3	4s49	4 59	3 24	3 42	9 29	0 54	20 42	0 50	13 52	1 36	22 11	1 35	12 14	0 20	4 38	2 5	31 15	16 19	22 57	22 50	11 28			n.a.
M 9	14 22	10 27	4 36	3 32	3 43	9 58	0 52	20 51	0 50	13 52	1 36	22 10	1 35	12 16	0 20	4 38	2 5	31 14	16 18	22 58	22 50	11 31			n.a.
T 10	14 41	15 26	3 53	3 43	3 43	10 27	0 50	21 0	0 51	13 51	1 36	22 9	1 35	12 17	0 20	4 37	2 5	31 14	16 18	22 59	22 50	11 33			n.a.
W11	14 59	19 22	2 54	3 57	3 42	10 55	0 48	21 9	0 51	13 50	1 35	22 8	1 34	12 18	0 20	4 36	2 5	31 13	16 18	23 0	22 51	11 36			n.a.
T 12	15 17	21 57	1 45	4 13	3 39	11 23	0 46	21 18	0 51	13 50	1 35	22 8	1 34	12 19	0 20	4 36	2 5	31 13	16 17	23 0	22 51	11 38			n.a.
F 13	15 35	23 0	0 31	4 31	3 36	11 50	0 44	21 26	0 52	13 49	1 35	22 7	1 34	12 20	0 20	4 35	2 5	31 12	16 17	23 0	22 51	11 40			n.a.
S 14	15 53	22 35	0s43	4 52	3 33	12 18	0 41	21 35	0 52	13 48	1 34	22 6	1 34	12 22	0 20	4 35	2 5	31 12	16 16	23 0	22 52	11 43			n.a.
S 15	16 10	20 52	1 52	5 15	3 28	12 45	0 39	21 43	0 52	13 47	1 34	22 5	1 34	12 23	0 20	4 34	2 5	31 11	16 16	23 0	22 52	11 45			n.a.
M16	16 28	18 4	2 54	5 40	3 22	13 12	0 37	21 51	0 53	13 46	1 34	22 4	1 34	12 24	0 20	4 34	2 5	31 11	16 15	23 0	22 53	11 48			n.a.
T 17	16 45	14 29	3 45	6 7	3 16	13 38	0 35	21 59	0 53	13 45	1 34	22 4	1 34	12 25	0 20	4 33	2 5	31 10	16 15	23 0	22 53	11 50			n.a.
W18	17 1	10 21	4 24	6 36	3 10	14 4	0 33	22 7	0 53	13 44	1 33	22 3	1 34	12 26	0 20	4 33	2 5	31 10	16 14	23 1	22 53	11 52			n.a.
T 19	17 18	5 52	4 50	7 7	3 2	14 30	0 30	22 14	0 54	13 43	1 33	22 2	1 34	12 28	0 20	4 32	2 5	31 9	16 14	23 1	22 54	11 55			n.a.
F 20	17 34	1 13	5 3	7 40	2 54	14 56	0 28	22 22	0 54	13 42	1 33	22 1	1 34	12 29	0 20	4 32	2 5	31 9	16 13	23 2	22 54	11 57			n.a.
S 21	17 50	3n26	5 3	8 14	2 45	15 21	0 26	22 29	0 54	13 41	1 33	22 0	1 34	12 30	0 20	4 31	2 5	31 8	16 13	23 3	22 54	12 0			n.a.
S 22	18 6	7 56	4 50	8 50	2 36	15 46	0 24	22 36	0 55	13 39	1 32	21 59	1 34	12 31	0 20	4 31	2 5	31 7	16 12	23 4	22 55	12 2			n.a.
M23	18 21	12 9	4 24	9 28	2 26	16 10	0 21	22 43	0 55	13 38	1 32	21 58	1 33	12 32	0 20	4 31	2 5	31 7	16 12	23 5	22 55	12 4			n.a.
T 24	18 36	15 54	3 46	10 6	2 16	16 34	0 19	22 50	0 55	13 36	1 32	21 57	1 33	12 34	0 20	4 30	2 5	31 6	16 11	23 6	22 56	12 7			n.a.
W25	18 51	19 1	2 59	10 47	2 6	16 58	0 17	22 56	0 55	13 35	1 31	21 56	1 33	12 35	0 20	4 30	2 5	31 6	16 11	23 7	22 56	12 9			n.a.
T 26	19 5	21 22	2 4	11 28	1 55	17 21	0 14	23 3	0 56	13 33	1 31	21 55	1 33	12 36	0 20	4 29	2 5	31 5	16 10	23 8	22 56	12 11			n.a.
F 27	19 19	22 46	1 2	12 10	1 44	17 43	0 12	23 9	0 56	13 32	1 31	21 54	1 33	12 37	0 20	4 29	2 5	31 4	16 10	23 8	22 57	12 14			n.a.
S 28	19 33	23 7	0n 3	12 53	1 32	18 6	0 9	23 15	0 56	13 30	1 31	21 53	1 33	12 38	0 20	4 28	2 4	31 4	16 9	23 8	22 57	12 16			n.a.
S 29	19 47	22 21	1 10	13 37	1 20	18 28	0 7	23 21	0 57	13 28	1 30	21 52	1 33	12 39	0 20	4 28	2 4	31 3	16 9	23 8	22 57	12 19			n.a.
M30	20 0	20 27	2 14	14 21	1 9	18 49	0 5	23 27	0 57	13 27	1 30	21 51	1 33	12 41	0 20	4 28	2 4	31 2	16 8	23 8	22 58	12 21			n.a.
T 31	20n13	17n29	3n13	15n 5	0s57	19n10	0s 2	23n32	0n57	13n25	1n30	21n50	1n33	12n42	0s20	4s27	2n 4	31n 2	16n 8	23n 8	22n58	12n23			n.a.

Julian Day Number = 1357389.5, Delta T = 07h01m58s
Ecliptic obliquity = 23°48'48, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°50'07, Lahiri = -17°43'06 Julian Calendar 1 May 997 BCE == Greg. Calendar 22 Apr. 997 BCE

The year -996 astronomical counting style corresponds to year 997 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 997 BCE
geocentric

JUNE 997 BCE (-996) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 0 21	29♉48'04	5♍ 9	14♉52	25♉46	12♊44	29♌ 3	0♌45	3♉56	15°R55	17♌41	13°R24	14♋50	15♉17	n.a.	W 1
T 2	16 4 17	0♊45'09	18°53	16°45	27° 0	13°22	29° 8	0°50	3°59	15♎54	17°41	13♋23	14°46	15°23	n.a.	T 2
F 3	16 8 14	1°42'14	3♎ 4	18°40	28°13	14° 1	29°13	0°55	4° 3	15°53	17°42	13°20	14°43	15°30	n.a.	F 3
S 4	16 12 11	2°39'20	17°39	20°39	29°27	14°39	29°18	1° 0	4° 6	15°52	17°43	13°15	14°40	15°37	n.a.	S 4
S 5	16 16 7	3°36'25	2♏36	22°39	0♊41	15°17	29°23	1° 5	4° 9	15°51	17°44	13°10	14°37	15°44	n.a.	S 5
M 6	16 20 4	4°33'31	17°45	24°41	1°54	15°55	29°29	1°10	4°12	15°50	17°45	13° 4	14°34	15°50	n.a.	M 6
T 7	16 24 0	5°30'37	2♐57	26°45	3° 8	16°33	29°34	1°15	4°15	15°49	17°46	12°59	14°31	15°57	n.a.	T 7
W 8	16 27 57	6°27'44	18° 3	28°51	4°22	17°12	29°40	1°20	4°19	15°48	17°47	12°56	14°27	16° 4	n.a.	W 8
T 9	16 31 53	7°24'51	2♑52	0♊58	5°36	17°50	29°46	1°26	4°22	15°47	17°48	12°54	14°24	16°10	n.a.	T 9
F 10	16 35 50	8°21'59	17°19	3° 5	6°50	18°28	29°52	1°31	4°25	15°46	17°49	12°D54	14°21	16°17	n.a.	F 10
S 11	16 39 46	9°19'08	1♒20	5°13	8° 3	19° 6	29°58	1°36	4°28	15°45	17°50	12°55	14°18	16°24	n.a.	S 11
S 12	16 43 43	10°16'17	14°53	7°21	9°17	19°44	0♍ 4	1°42	4°31	15°45	17°51	12°56	14°15	16°30	n.a.	S 12
M13	16 47 40	11°13'28	28° 0	9°29	10°31	20°22	0°11	1°47	4°34	15°44	17°52	12°58	14°11	16°37	n.a.	M13
T 14	16 51 36	12°10'39	10♓45	11°37	11°45	21° 1	0°17	1°53	4°37	15°43	17°53	12°R58	14° 8	16°44	n.a.	T 14
W15	16 55 33	13° 7'51	23°11	13°44	12°59	21°39	0°24	1°59	4°40	15°43	17°54	12°58	14° 5	16°51	n.a.	W15
T 16	16 59 29	14° 5'05	5♈22	15°50	14°13	22°17	0°31	2° 4	4°43	15°42	17°56	12°56	14° 2	16°57	n.a.	T 16
F 17	17 3 26	15° 2'19	17°22	17°55	15°27	22°55	0°38	2°10	4°45	15°41	17°57	12°53	13°59	17° 4	n.a.	F 17
S 18	17 7 22	15°59'34	29°16	20° 0	16°41	23°33	0°45	2°16	4°48	15°41	17°58	12°49	13°56	17°11	n.a.	S 18
S 19	17 11 19	16°56'51	11♉ 7	22° 3	17°55	24°12	0°52	2°22	4°51	15°40	17°59	12°45	13°52	17°17	n.a.	S 19
M20	17 15 16	17°54'08	22°58	24° 5	19° 9	24°50	0°59	2°28	4°54	15°39	18° 1	12°41	13°49	17°24	n.a.	M20
T 21	17 19 12	18°51'27	4♊51	26° 5	20°23	25°28	1° 7	2°34	4°57	15°39	18° 2	12°37	13°46	17°31	n.a.	T 21
W22	17 23 9	19°48'47	16°49	28° 4	21°37	26° 6	1°15	2°40	5° 0	15°38	18° 4	12°34	13°43	17°37	n.a.	W22
T 23	17 27 5	20°46'07	28°52	0♋ 1	22°51	26°44	1°22	2°46	5° 2	15°38	18° 5	12°32	13°40	17°44	n.a.	T 23
F 24	17 31 2	21°43'29	11♋ 4	1°57	24° 5	27°22	1°30	2°52	5° 5	15°38	18° 6	12°D32	13°37	17°51	n.a.	F 24
S 25	17 34 58	22°40'52	23°26	3°51	25°19	28° 1	1°38	2°58	5° 8	15°37	18° 8	12°32	13°33	17°58	n.a.	S 25
S 26	17 38 55	23°38'15	6♌ 0	5°44	26°33	28°39	1°46	3° 5	5°10	15°37	18° 9	12°33	13°30	18° 4	n.a.	S 26
M27	17 42 51	24°35'40	18°47	7°35	27°47	29°17	1°54	3°11	5°13	15°36	18°11	12°34	13°27	18°11	n.a.	M27
T 28	17 46 48	25°33'05	1♍51	9°25	29° 1	29°55	2° 3	3°17	5°15	15°36	18°12	12°36	13°24	18°18	n.a.	T 28
W29	17 50 45	26°30'31	15°12	11°12	0♋15	0♋33	2°11	3°24	5°18	15°36	18°14	12°36	13°21	18°24	n.a.	W29
T 30	17 54 41	27♊27'58	28♍53	12♋59	1♋29	1♋12	2♍20	3♌30	5♉20	15♎36	18♌15	12°R37	13♋17	18♉31	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n25	13n32	4n 4	15n50	0s45	19n30	0s 0	23n38	0n58	13n23	1n30	21n49	1n33	12n43	0s20	4s27	2n 4	31n 1	16n 8	23n 8	22n58	12n26		n.a.
T 2	20 38	8 47	4 42	16 35	0 33	19 50	0n 2	23 43	0 58	13 21	1 29	21 48	1 33	12 44	0 20	4 27	2 4	31 0	16 7	23 8	22 59	12 28		n.a.
F 3	20 49	3 25	5 5	17 19	0 21	20 9	0 5	23 48	0 58	13 19	1 29	21 46	1 33	12 45	0 20	4 26	2 4	31 0	16 7	23 8	22 59	12 30		n.a.
S 4	21 1	2s17	5 9	18 2	0 9	20 28	0 7	23 53	0 58	13 17	1 29	21 45	1 33	12 46	0 20	4 26	2 4	30 59	16 6	23 8	23 0	12 33		n.a.
S 5	21 12	7 59	4 52	18 45	0n 2	20 46	0 9	23 57	0 59	13 15	1 29	21 44	1 33	12 47	0 20	4 26	2 4	30 58	16 6	23 9	23 0	12 35		n.a.
M 6	21 23	13 18	4 15	19 27	0 13	21 4	0 12	24 2	0 59	13 12	1 28	21 43	1 33	12 48	0 20	4 25	2 4	30 57	16 5	23 10	23 0	12 38		n.a.
T 7	21 33	17 48	3 20	20 7	0 24	21 21	0 14	24 6	0 59	13 10	1 28	21 42	1 32	12 49	0 20	4 25	2 4	30 57	16 5	23 10	23 1	12 40		n.a.
W 8	21 44	21 5	2 11	20 46	0 34	21 37	0 16	24 10	0 59	13 8	1 28	21 40	1 32	12 50	0 20	4 25	2 4	30 56	16 4	23 10	23 1	12 42		n.a.
T 9	21 53	22 52	0 54	21 23	0 44	21 53	0 19	24 14	1 0	13 6	1 28	21 39	1 32	12 51	0 20	4 24	2 4	30 55	16 4	23 11	23 1	12 45		n.a.
F 10	22 3	23 4	0s24	21 58	0 53	22 8	0 21	24 18	1 0	13 3	1 27	21 38	1 32	12 53	0 20	4 24	2 4	30 54	16 4	23 11	23 2	12 47		n.a.
S 11	22 12	21 47	1 39	22 31	1 2	22 23	0 23	24 21	1 0	13 1	1 27	21 37	1 32	12 54	0 20	4 24	2 4	30 54	16 3	23 11	23 2	12 49		n.a.
S 12	22 20	19 16	2 46	23 1	1 10	22 37	0 26	24 25	1 0	12 58	1 27	21 35	1 32	12 55	0 20	4 24	2 4	30 53	16 3	23 10	23 2	12 52		n.a.
M13	22 28	15 49	3 42	23 29	1 17	22 50	0 28	24 28	1 1	12 56	1 27	21 34	1 32	12 56	0 20	4 23	2 4	30 52	16 2	23 10	23 3	12 54		n.a.
T 14	22 36	11 43	4 25	23 54	1 23	23 3	0 30	24 31	1 1	12 53	1 26	21 33	1 32	12 57	0 20	4 23	2 4	30 51	16 2	23 10	23 3	12 56		n.a.
W15	22 44	7 15	4 55	24 17	1 29	23 15	0 32	24 34	1 1	12 51	1 26	21 31	1 32	12 58	0 20	4 23	2 3	30 50	16 1	23 10	23 3	12 59		n.a.
T 16	22 51	2 34	5 10	24 37	1 34	23 26	0 34	24 36	1 1	12 48	1 26	21 30	1 32	12 59	0 20	4 23	2 3	30 50	16 1	23 10	23 4	13 1		n.a.
F 17	22 58	2n 8	5 12	24 54	1 39	23 37	0 37	24 39	1 2	12 45	1 26	21 29	1 32	13 0	0 20	4 22	2 3	30 49	16 1	23 11	23 4	13 4		n.a.
S 18	23 4	6 43	5 0	25 8	1 43	23 47	0 39	24 41	1 2	12 42	1 25	21 27	1 32	13 1	0 20	4 22	2 3	30 48	16 0	23 11	23 4	13 6		n.a.
S 19	23 10	11 2	4 36	25 20	1 46	23 56	0 41	24 43	1 2	12 40	1 25	21 26	1 32	13 2	0 20	4 22	2 3	30 47	16 0	23 11	23 5	13 8		n.a.
M20	23 15	14 57	3 59	25 28	1 48	24 4	0 43	24 45	1 2	12 37	1 25	21 24	1 32	13 3	0 20	4 22	2 3	30 46	15 59	23 12	23 5	13 11		n.a.
T 21	23 20	18 17	3 13	25 35	1 50	24 12	0 45	24 47	1 3	12 34	1 25	21 23	1 32	13 3	0 20	4 22	2 3	30 46	15 59	23 12	23 5	13 13		n.a.
W22	23 25	20 53	2 17	25 38	1 51	24 19	0 47	24 48	1 3	12 31	1 25	21 22	1 32	13 4	0 20	4 22	2 3	30 45	15 59	23 13	23 6	13 15		n.a.
T 23	23 29	22 34	1 15	25 40	1 51	24 26	0 49	24 49	1 3	12 28	1 24	21 20	1 32	13 5	0 20	4 22	2 3	30 44	15 58	23 13	23 6	13 18		n.a.
F 24	23 33	23 13	0 8	25 39	1 51	24 31	0 51	24 50	1 3	12 25	1 24	21 19	1 32	13 6	0 20	4 21	2 3	30 43	15 58	23 13	23 6	13 20		n.a.
S 25	23 36	22 44	1n 0	25 35	1 50	24 36	0 53	24 51	1 4	12 22	1 24	21 17	1 32	13 7	0 20	4 21	2 3	30 42	15 57	23 13	23 7	13 22		n.a.
S 26	23 39	21 6	2 6	25 30	1 48	24 41	0 55	24 52	1 4	12 19	1 24	21 16	1 32	13 8	0 20	4 21	2 3	30 41	15 57	23 13	23 7	13 25		n.a.
M27	23 42	18 23	3 7	25 22	1 46	24 44	0 56	24 53	1 4	12 15	1 23	21 14	1 32	13 9	0 20	4 21	2 3	30 41	15 57	23 13	23 7	13 27		n.a.
T 28	23 44	14 42	4 0	25 12	1 44	24 47	0 58	24 53	1 4	12 12	1 23	21 13	1 32	13 10	0 20	4 21	2 3	30 40	15 56	23 12	23 8	13 29		n.a.
W29	23 46	10 13	4 41	25 1	1 41	24 49	1 0	24 53	1 4	12 9	1 23	21 11	1 32	13 11	0 20	4 21	2 3	30 39	15 56	23 12	23 8	13 32		n.a.
T 30	23n47	5n 8	5n 7	24n47	1n38	24n50	1n 2	24n53	1n 5	12n 6	1n23	21n 9	1n32	13n11	0s20	4s21	2n 3	30n38	15n56	23n12	23n 8	13n34		n.a.

Julian Day Number = 1357420.5, Delta T = 07h01m57s
Ecliptic obliquity = 23°48'48, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°50'02, Lahiri = -17°43'02 Julian Calendar 1 June 997 BCE == Greg. Calendar 23 May 997 BCE

The year -996 astronomical counting style corresponds to year 997 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 997 BCE
geocentric

JULY 997 BCE (-996) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 58 38	28♊25'26	12♎55	14♋43	2♋43	1♋50	2♍28	3♌37	5♉23	15°R35	18♌17	12°R36	13♋14	18♉38	n.a.	F 1
S 2	18 2 34	29°22'55	27°16	16°27	3°57	2°28	2°37	3°43	5°25	15♎35	18°19	12♋35	13°11	18°44	n.a.	S 2
S 3	18 6 31	0♋20'25	11♏53	18° 8	5°12	3° 6	2°46	3°50	5°27	15°35	18°20	12°34	13° 8	18°51	n.a.	S 3
M 4	18 10 27	1°17'56	26°41	19°48	6°26	3°44	2°55	3°56	5°30	15°35	18°22	12°33	13° 5	18°58	n.a.	M 4
T 5	18 14 24	2°15'28	11♐35	21°27	7°40	4°22	3° 4	4° 3	5°32	15°35	18°24	12°32	13° 2	19° 5	n.a.	T 5
W 6	18 18 20	3°13'01	26°25	23° 4	8°54	5° 1	3°13	4°10	5°34	15°35	18°25	12°31	12°58	19°11	n.a.	W 6
T 7	18 22 17	4°10'36	11♑ 5	24°39	10° 8	5°39	3°23	4°16	5°37	15°D35	18°27	12°D31	12°55	19°18	n.a.	T 7
F 8	18 26 14	5° 8'13	25°28	26°13	11°23	6°17	3°32	4°23	5°39	15°35	18°29	12°31	12°52	19°25	n.a.	F 8
S 9	18 30 10	6° 5'50	9♒29	27°45	12°37	6°55	3°42	4°30	5°41	15°35	18°31	12°31	12°49	19°31	n.a.	S 9
S 10	18 34 7	7° 3'30	23° 5	29°16	13°51	7°33	3°51	4°37	5°43	15°35	18°33	12°32	12°46	19°38	n.a.	S 10
M11	18 38 3	8° 1'11	6♓17	0♌45	15° 5	8°12	4° 1	4°44	5°45	15°35	18°34	12°32	12°43	19°45	n.a.	M11
T 12	18 42 0	8°58'54	19° 6	2°13	16°20	8°50	4°11	4°51	5°47	15°35	18°36	12°33	12°39	19°51	n.a.	T 12
W13	18 45 56	9°56'38	1♈35	3°39	17°34	9°28	4°21	4°58	5°49	15°35	18°38	12°33	12°36	19°58	n.a.	W13
T 14	18 49 53	10°54'25	13°48	5° 4	18°48	10° 6	4°31	5° 4	5°51	15°36	18°40	12°R33	12°33	20° 5	n.a.	T 14
F 15	18 53 49	11°52'13	25°49	6°27	20° 3	10°45	4°41	5°11	5°53	15°36	18°42	12°33	12°30	20°12	n.a.	F 15
S 16	18 57 46	12°50'03	7♉42	7°48	21°17	11°23	4°51	5°19	5°55	15°36	18°44	12°D33	12°27	20°18	n.a.	S 16
S 17	19 1 43	13°47'55	19°33	9° 8	22°31	12° 1	5° 1	5°26	5°56	15°36	18°46	12°33	12°23	20°25	n.a.	S 17
M18	19 5 39	14°45'49	1♊25	10°26	23°46	12°39	5°12	5°33	5°58	15°37	18°48	12°33	12°20	20°32	n.a.	M18
T 19	19 9 36	15°43'45	13°22	11°42	25° 0	13°18	5°22	5°40	6° 0	15°37	18°50	12°33	12°17	20°38	n.a.	T 19
W20	19 13 32	16°41'43	25°27	12°56	26°14	13°56	5°33	5°47	6° 2	15°37	18°52	12°34	12°14	20°45	n.a.	W20
T 21	19 17 29	17°39'43	7♋41	14° 8	27°29	14°34	5°43	5°54	6° 3	15°38	18°54	12°R34	12°11	20°52	n.a.	T 21
F 22	19 21 25	18°37'44	20° 8	15°18	28°43	15°13	5°54	6° 1	6° 5	15°38	18°56	12°34	12° 8	20°58	n.a.	F 22
S 23	19 25 22	19°35'47	2♌48	16°27	29°58	15°51	6° 5	6° 8	6° 6	15°39	18°58	12°33	12° 4	21° 5	n.a.	S 23
S 24	19 29 18	20°33'52	15°41	17°33	1♌12	16°29	6°16	6°16	6° 8	15°39	19° 0	12°33	12° 1	21°12	n.a.	S 24
M25	19 33 15	21°31'59	28°49	18°36	2°26	17° 7	6°26	6°23	6° 9	15°40	19° 2	12°32	11°58	21°18	n.a.	M25
T 26	19 37 12	22°30'07	12♍10	19°38	3°41	17°46	6°37	6°30	6°11	15°40	19° 4	12°30	11°55	21°25	n.a.	T 26
W27	19 41 8	23°28'17	25°45	20°36	4°55	18°24	6°49	6°37	6°12	15°41	19° 6	12°29	11°52	21°32	n.a.	W27
T 28	19 45 5	24°26'28	9♎33	21°32	6°10	19° 2	7° 0	6°45	6°13	15°42	19° 8	12°28	11°49	21°39	n.a.	T 28
F 29	19 49 1	25°24'41	23°32	22°25	7°24	19°41	7°11	6°52	6°15	15°42	19°10	12°D28	11°45	21°45	n.a.	F 29
S 30	19 52 58	26°22'56	7♏43	23°15	8°39	20°19	7°22	6°59	6°16	15°43	19°12	12°28	11°42	21°52	n.a.	S 30
S 31	19 56 54	27♋21'12	22♏ 2	24♌ 2	9♌53	20♋57	7♍34	7♌ 7	6♉17	15♎44	19♌14	12♋29	11♋39	21♉59	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	0s20	5n16	24n32	1n34	24n50	1n 3	24n53	1n 5	12n 2	1n23	21n 8	1n32	13n12	0s20	4s21	2n 2	30n37	15n55	23n12	23n 9	13n36		n.a.
S 2	23 49	5 54	5 6	24 16	1 29	24 50	1 5	24 52	1 5	11 59	1 22	21 6	1 32	13 13	0 20	4 21	2 2	30 36	15 55	23 12	23 9	13 39		n.a.
S 3	23 49	11 16	4 36	23 58	1 25	24 49	1 6	24 52	1 5	11 55	1 22	21 5	1 32	13 14	0 20	4 21	2 2	30 35	15 55	23 13	23 9	13 41		n.a.
M 4	23 48	16 2	3 47	23 38	1 19	24 47	1 8	24 51	1 5	11 52	1 22	21 3	1 32	13 15	0 20	4 21	2 2	30 35	15 54	23 13	23 10	13 43		n.a.
T 5	23 48	19 50	2 43	23 17	1 14	24 44	1 9	24 50	1 6	11 48	1 22	21 1	1 32	13 15	0 20	4 21	2 2	30 34	15 54	23 13	23 10	13 46		n.a.
W 6	23 46	22 18	1 28	22 55	1 8	24 41	1 11	24 49	1 6	11 45	1 22	21 0	1 32	13 16	0 20	4 21	2 2	30 33	15 54	23 13	23 10	13 48		n.a.
T 7	23 45	23 13	0 8	22 32	1 2	24 37	1 12	24 47	1 6	11 41	1 21	20 58	1 31	13 17	0 20	4 21	2 2	30 32	15 53	23 13	23 10	13 50		n.a.
F 8	23 43	22 33	1s11	22 8	0 55	24 32	1 13	24 46	1 6	11 37	1 21	20 57	1 31	13 18	0 20	4 21	2 2	30 31	15 53	23 13	23 11	13 52		n.a.
S 9	23 40	20 28	2 24	21 43	0 48	24 26	1 14	24 44	1 6	11 34	1 21	20 55	1 31	13 18	0 20	4 21	2 2	30 30	15 53	23 13	23 11	13 55		n.a.
S 10	23 37	17 17	3 27	21 17	0 41	24 20	1 16	24 42	1 6	11 30	1 21	20 53	1 31	13 19	0 20	4 21	2 2	30 29	15 52	23 13	23 11	13 57		n.a.
M11	23 34	13 18	4 16	20 51	0 34	24 13	1 17	24 40	1 7	11 26	1 21	20 52	1 31	13 20	0 20	4 22	2 2	30 28	15 52	23 13	23 12	13 59		n.a.
T 12	23 30	8 50	4 51	20 24	0 26	24 5	1 18	24 37	1 7	11 23	1 21	20 50	1 31	13 20	0 20	4 22	2 2	30 28	15 52	23 13	23 12	14 2		n.a.
W13	23 26	4 7	5 12	19 56	0 18	23 57	1 19	24 35	1 7	11 19	1 20	20 48	1 31	13 21	0 20	4 22	2 2	30 27	15 52	23 13	23 12	14 4		n.a.
T 14	23 21	0n40	5 17	19 27	0 10	23 47	1 20	24 32	1 7	11 15	1 20	20 46	1 31	13 22	0 20	4 22	2 2	30 26	15 51	23 13	23 13	14 6		n.a.
F 15	23 16	5 20	5 9	18 58	0 1	23 37	1 21	24 29	1 7	11 11	1 20	20 45	1 32	13 22	0 20	4 22	2 1	30 25	15 51	23 13	23 13	14 9		n.a.
S 16	23 11	9 46	4 47	18 29	0s 7	23 26	1 21	24 26	1 7	11 7	1 20	20 43	1 32	13 23	0 20	4 22	2 1	30 24	15 51	23 13	23 13	14 11		n.a.
S 17	23 5	13 50	4 14	18 0	0 16	23 15	1 22	24 23	1 8	11 3	1 20	20 41	1 32	13 23	0 20	4 22	2 1	30 23	15 51	23 13	23 14	14 13		n.a.
M18	22 59	17 21	3 29	17 30	0 25	23 3	1 23	24 19	1 8	10 59	1 19	20 39	1 32	13 24	0 20	4 23	2 1	30 22	15 50	23 13	23 14	14 16		n.a.
T 19	22 52	20 12	2 35	17 0	0 34	22 50	1 24	24 16	1 8	10 55	1 19	20 38	1 32	13 25	0 20	4 23	2 1	30 21	15 50	23 13	23 14	14 18		n.a.
W20	22 45	22 10	1 34	16 30	0 43	22 37	1 24	24 12	1 8	10 51	1 19	20 36	1 32	13 25	0 20	4 23	2 1	30 20	15 50	23 13	23 14	14 20		n.a.
T 21	22 38	23 8	0 27	16 0	0 53	22 22	1 25	24 8	1 8	10 47	1 19	20 34	1 32	13 26	0 20	4 23	2 1	30 20	15 50	23 13	23 15	14 22		n.a.
F 22	22 30	22 58	0n42	15 30	1 2	22 8	1 25	24 4	1 8	10 43	1 19	20 32	1 32	13 26	0 20	4 24	2 1	30 19	15 49	23 13	23 15	14 25		n.a.
S 23	22 21	21 37	1 50	15 1	1 12	21 52	1 26	23 59	1 8	10 38	1 19	20 30	1 32	13 27	0 20	4 24	2 1	30 18	15 49	23 13	23 15	14 27		n.a.
S 24	22 13	19 8	2 53	14 31	1 22	21 36	1 26	23 55	1 9	10 34	1 19	20 29	1 32	13 27	0 20	4 24	2 1	30 17	15 49	23 13	23 16	14 29		n.a.
M25	22 4	15 38	3 49	14 2	1 32	21 19	1 26	23 50	1 9	10 30	1 18	20 27	1 32	13 28	0 20	4 24	2 1	30 16	15 49	23 13	23 16	14 32		n.a.
T 26	21 54	11 18	4 33	13 34	1 41	21 2	1 26	23 45	1 9	10 26	1 18	20 25	1 32	13 28	0 20	4 25	2 1	30 15	15 49	23 13	23 16	14 34		n.a.
W27	21 44	6 20	5 3	13 6	1 51	20 44	1 26	23 40	1 9	10 21	1 18	20 23	1 32	13 29	0 20	4 25	2 1	30 14	15 49	23 13	23 16	14 36		n.a.
T 28	21 34	1 0	5 16	12 38	2 1	20 25	1 27	23 35	1 9	10 17	1 18	20 21	1 32	13 29	0 20	4 25	2 1	30 13	15 48	23 13	23 17	14 38		n.a.
F 29	21 23	4s29	5 11	12 12	2 11	20 6	1 27	23 29	1 9	10 13	1 18	20 19	1 32	13 29	0 20	4 26	2 1	30 13	15 48	23 13	23 17	14 41		n.a.
S 30	21 12	9 47	4 46	11 46	2 21	19 46	1 26	23 24	1 9	10 8	1 18	20 18	1 32	13 30	0 20	4 26	2 0	30 12	15 48	23 13	23 17	14 43		n.a.
S 31	21n 1	14s38	4n 4	11n21	2s30	19n26	1n26	23n18	1n10	10n 4	1n18	20n16	1n32	13n30	0s20	4s26	2n 0	30n11	15n48	23n13	23n18	14n45		n.a.

Julian Day Number = 1357450.5, Delta T = 07h01m55s
Ecliptic obliquity = 23°48'48, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°49'58, Lahiri = -17°42'58 Julian Calendar 1 July 997 BCE == Greg. Calendar 22 June 997 BCE

The year -996 astronomical counting style corresponds to year 997 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 997 BCE
geocentric

AUGUST 997 BCE (-996) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 0 51	28♋19'30	6♐26	24♌45	11♌ 8	21♋36	7♍45	7♌14	6♉18	15♎45	19♌17	12♋30	11♋36	22♉ 5	n.a.	M 1
T 2	20 4 47	29°17'50	20°54	25°25	12°22	22°14	7°57	7°21	6°19	15°46	19°19	12°31	11°33	22°12	n.a.	T 2
W 3	20 8 44	0♌16'11	5♑19	26° 0	13°36	22°53	8° 8	7°29	6°20	15°46	19°21	12°R32	11°29	22°19	n.a.	W 3
T 4	20 12 41	1°14'35	19°37	26°31	14°51	23°31	8°20	7°36	6°21	15°47	19°23	12°32	11°26	22°25	n.a.	T 4
F 5	20 16 37	2°13'00	3♒43	26°58	16° 5	24° 9	8°31	7°44	6°22	15°48	19°25	12°31	11°23	22°32	n.a.	F 5
S 6	20 20 34	3°11'27	17°33	27°20	17°20	24°48	8°43	7°51	6°23	15°49	19°27	12°29	11°20	22°39	n.a.	S 6
S 7	20 24 30	4° 9'57	1♓ 4	27°36	18°34	25°26	8°55	7°58	6°23	15°50	19°30	12°26	11°17	22°45	n.a.	S 7
M 8	20 28 27	5° 8'28	14°15	27°47	19°49	26° 5	9° 7	8° 6	6°24	15°51	19°32	12°23	11°14	22°52	n.a.	M 8
T 9	20 32 23	6° 7'02	27° 4	27°R52	21° 3	26°43	9°19	8°13	6°25	15°52	19°34	12°19	11°10	22°59	n.a.	T 9
W10	20 36 20	7° 5'38	9♈35	27°50	22°18	27°22	9°31	8°21	6°26	15°53	19°36	12°16	11° 7	23° 6	n.a.	W10
T 11	20 40 16	8° 4'16	21°49	27°42	23°32	28° 0	9°43	8°28	6°26	15°54	19°39	12°14	11° 4	23°12	n.a.	T 11
F 12	20 44 13	9° 2'57	3♉50	27°28	24°47	28°38	9°55	8°35	6°27	15°55	19°41	12°D13	11° 1	23°19	n.a.	F 12
S 13	20 48 9	10° 1'40	15°44	27° 6	26° 1	29°17	10° 7	8°43	6°27	15°56	19°43	12°13	10°58	23°26	n.a.	S 13
S 14	20 52 6	11° 0'25	27°35	26°37	27°16	29°56	10°19	8°50	6°28	15°58	19°45	12°14	10°54	23°32	n.a.	S 14
M15	20 56 3	11°59'13	9♊28	26° 1	28°30	0♌34	10°32	8°58	6°28	15°59	19°48	12°16	10°51	23°39	n.a.	M15
T 16	20 59 59	12°58'04	21°27	25°19	29°45	1°13	10°44	9° 5	6°28	16° 0	19°50	12°17	10°48	23°46	n.a.	T 16
W17	21 3 56	13°56'56	3♋37	24°30	0♍59	1°51	10°56	9°12	6°29	16° 1	19°52	12°19	10°45	23°52	n.a.	W17
T 18	21 7 52	14°55'51	16° 1	23°35	2°14	2°30	11° 9	9°20	6°29	16° 3	19°54	12°R19	10°42	23°59	n.a.	T 18
F 19	21 11 49	15°54'49	28°42	22°35	3°28	3° 8	11°21	9°27	6°29	16° 4	19°57	12°18	10°39	24° 6	n.a.	F 19
S 20	21 15 45	16°53'48	11♌41	21°31	4°43	3°47	11°33	9°35	6°29	16° 5	19°59	12°15	10°35	24°12	n.a.	S 20
S 21	21 19 42	17°52'50	24°58	20°25	5°57	4°25	11°46	9°42	6°29	16° 7	20° 1	12°10	10°32	24°19	n.a.	S 21
M22	21 23 38	18°51'53	8♍31	19°18	7°12	5° 4	11°59	9°49	6°R29	16° 8	20° 4	12° 5	10°29	24°26	n.a.	M22
T 23	21 27 35	19°50'59	22°19	18°11	8°26	5°43	12°11	9°57	6°29	16° 9	20° 6	11°59	10°26	24°32	n.a.	T 23
W24	21 31 32	20°50'07	6♎17	17° 7	9°41	6°21	12°24	10° 4	6°29	16°11	20° 8	11°53	10°23	24°39	n.a.	W24
T 25	21 35 28	21°49'17	20°22	16° 7	10°55	7° 0	12°37	10°11	6°29	16°12	20°10	11°48	10°20	24°46	n.a.	T 25
F 26	21 39 25	22°48'29	4♏31	15°13	12°10	7°39	12°49	10°19	6°29	16°14	20°13	11°45	10°16	24°53	n.a.	F 26
S 27	21 43 21	23°47'42	18°42	14°26	13°24	8°17	13° 2	10°26	6°29	16°15	20°15	11°D43	10°13	24°59	n.a.	S 27
S 28	21 47 18	24°46'58	2♐51	13°47	14°39	8°56	13°15	10°33	6°28	16°17	20°17	11°43	10°10	25° 6	n.a.	S 28
M29	21 51 14	25°46'15	16°58	13°19	15°53	9°35	13°28	10°40	6°28	16°19	20°20	11°44	10° 7	25°13	n.a.	M29
T 30	21 55 11	26°45'35	1♑ 2	13° 0	17° 8	10°13	13°40	10°48	6°28	16°20	20°22	11°46	10° 4	25°19	n.a.	T 30
W31	21 59 7	27♌44'56	15♑ 0	12°D52	18♍22	10♌52	13♍53	10♌55	6♉27	16♎22	20♌24	11°R46	10♋ 0	25♉26	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	20n49	18s40	3n 6	10n58	2s40	19n 5	1n26	23n12	1n10	9n59	1n17	20n14	1n32	13n31	0s20	4s27	2n 0	30n10	15n48	23n13	23n18	14n47			n.a.
T 2	20 37	21 33	1 57	10 36	2 49	18 44	1 26	23 6	1 10	9 55	1 17	20 12	1 32	13 31	0 20	4 27	2 0	30 9	15 48	23 13	23 18	14 50			n.a.
W 3	20 25	23 3	0 40	10 15	2 58	18 22	1 26	22 59	1 10	9 50	1 17	20 10	1 32	13 31	0 20	4 27	2 0	30 8	15 48	23 13	23 18	14 52			n.a.
T 4	20 12	23 0	0s39	9 56	3 7	17 59	1 25	22 53	1 10	9 46	1 17	20 8	1 32	13 32	0 20	4 28	2 0	30 7	15 47	23 13	23 19	14 54			n.a.
F 5	19 58	21 28	1 54	9 39	3 16	17 36	1 25	22 46	1 10	9 41	1 17	20 6	1 32	13 32	0 20	4 28	2 0	30 7	15 47	23 13	23 19	14 57			n.a.
S 6	19 45	18 41	3 1	9 24	3 24	17 13	1 24	22 39	1 10	9 37	1 17	20 4	1 32	13 32	0 20	4 29	2 0	30 6	15 47	23 13	23 19	14 59			n.a.
S 7	19 31	14 56	3 56	9 12	3 31	16 49	1 23	22 32	1 10	9 32	1 17	20 3	1 32	13 32	0 20	4 29	2 0	30 5	15 47	23 13	23 20	15 1			n.a.
M 8	19 17	10 33	4 37	9 1	3 38	16 25	1 23	22 25	1 10	9 27	1 17	20 1	1 32	13 33	0 20	4 30	2 0	30 4	15 47	23 14	23 20	15 3			n.a.
T 9	19 2	5 48	5 3	8 54	3 44	16 0	1 22	22 18	1 10	9 23	1 16	19 59	1 32	13 33	0 20	4 30	2 0	30 3	15 47	23 14	23 20	15 6			n.a.
W10	18 47	0 57	5 14	8 49	3 50	15 34	1 21	22 10	1 11	9 18	1 16	19 57	1 32	13 33	0 20	4 30	2 0	30 2	15 47	23 14	23 20	15 8			n.a.
T 11	18 32	3n51	5 10	8 48	3 54	15 9	1 20	22 2	1 11	9 13	1 16	19 55	1 32	13 33	0 20	4 31	2 0	30 2	15 47	23 14	23 21	15 10			n.a.
F 12	18 16	8 25	4 52	8 49	3 58	14 43	1 20	21 54	1 11	9 9	1 16	19 53	1 33	13 33	0 20	4 31	2 0	30 1	15 47	23 15	23 21	15 12			n.a.
S 13	18 1	12 38	4 22	8 55	4 0	14 16	1 19	21 46	1 11	9 4	1 16	19 51	1 33	13 34	0 20	4 32	2 0	30 0	15 47	23 15	23 21	15 15			n.a.
S 14	17 44	16 21	3 41	9 4	4 1	13 49	1 17	21 38	1 11	8 59	1 16	19 49	1 33	13 34	0 20	4 32	1 59	29 59	15 47	23 14	23 21	15 17			n.a.
M15	17 28	19 25	2 50	9 17	4 0	13 22	1 16	21 30	1 11	8 54	1 16	19 47	1 33	13 34	0 20	4 33	1 59	29 58	15 47	23 14	23 22	15 19			n.a.
T 16	17 11	21 40	1 52	9 33	3 58	12 54	1 15	21 21	1 11	8 49	1 16	19 45	1 33	13 34	0 20	4 34	1 59	29 58	15 47	23 14	23 22	15 21			n.a.
W17	16 54	22 58	0 47	9 54	3 53	12 26	1 14	21 13	1 11	8 44	1 16	19 43	1 33	13 34	0 21	4 34	1 59	29 57	15 47	23 14	23 22	15 24			n.a.
T 18	16 37	23 10	0n20	10 18	3 47	11 58	1 13	21 4	1 11	8 40	1 16	19 41	1 33	13 34	0 21	4 35	1 59	29 56	15 47	23 14	23 22	15 26			n.a.
F 19	16 19	22 11	1 28	10 45	3 39	11 30	1 11	20 55	1 11	8 35	1 15	19 39	1 33	13 34	0 21	4 35	1 59	29 55	15 47	23 14	23 23	15 28			n.a.
S 20	16 1	20 0	2 33	11 16	3 29	11 1	1 10	20 46	1 11	8 30	1 15	19 38	1 33	13 34	0 21	4 36	1 59	29 54	15 47	23 14	23 23	15 30			n.a.
S 21	15 43	16 43	3 31	11 48	3 17	10 31	1 8	20 37	1 11	8 25	1 15	19 36	1 33	13 34	0 21	4 36	1 59	29 54	15 47	23 15	23 23	15 32			n.a.
M22	15 24	12 29	4 19	12 23	3 2	10 2	1 7	20 27	1 12	8 20	1 15	19 34	1 33	13 34	0 21	4 37	1 59	29 53	15 47	23 15	23 24	15 35			n.a.
T 23	15 5	7 33	4 52	12 59	2 47	9 32	1 5	20 18	1 12	8 15	1 15	19 32	1 33	13 34	0 21	4 38	1 59	29 52	15 47	23 16	23 24	15 37			n.a.
W24	14 46	2 11	5 8	13 35	2 29	9 2	1 4	20 8	1 12	8 10	1 15	19 30	1 33	13 34	0 21	4 38	1 59	29 51	15 47	23 16	23 24	15 39			n.a.
T 25	14 27	3s21	5 6	14 11	2 11	8 32	1 2	19 58	1 12	8 5	1 15	19 28	1 34	13 34	0 21	4 39	1 59	29 51	15 47	23 17	23 24	15 41			n.a.
F 26	14 8	8 45	4 46	14 45	1 52	8 2	1 0	19 48	1 12	8 0	1 15	19 26	1 34	13 34	0 21	4 39	1 59	29 50	15 47	23 17	23 25	15 44			n.a.
S 27	13 48	13 41	4 8	15 18	1 32	7 31	0 58	19 38	1 12	7 55	1 15	19 24	1 34	13 34	0 21	4 40	1 59	29 49	15 47	23 17	23 25	15 46			n.a.
S 28	13 28	17 52	3 15	15 48	1 12	7 0	0 56	19 27	1 12	7 50	1 15	19 22	1 34	13 34	0 21	4 41	1 59	29 49	15 47	23 17	23 25	15 48			n.a.
M29	13 8	21 0	2 10	16 15	0 52	6 29	0 54	19 17	1 12	7 45	1 15	19 20	1 34	13 34	0 21	4 41	1 59	29 48	15 47	23 17	23 25	15 50			n.a.
T 30	12 47	22 51	0 58	16 39	0 33	5 58	0 52	19 6	1 12	7 40	1 15	19 18	1 34	13 34	0 21	4 42	1 59	29 47	15 47	23 17	23 26	15 52			n.a.
W31	12n27	23s15	0s17	16n59	0s14	5n26	0n50	18n56	1n12	7n35	1n15	19n16	1n34	13n33	0s21	4s43	1n59	29n46	15n47	23n17	23n26	15n55			n.a.

Julian Day Number = 1357481.5, Delta T = 07h01m54s
Ecliptic obliquity = 23°48'49, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°49'54, Lahiri = -17°42'54 Julian Calendar 1 Aug. 997 BCE == Greg. Calendar 23 July 997 BCE

The year -996 astronomical counting style corresponds to year 997 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 997 BCE
geocentric

SEPTEMBER 997 BCE (-996) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 3 4	28♌44'19	28♑50	12♌55	19♍37	11♌31	14♍ 6	11♌ 2	6°R27	16♎23	20♌26	11°R45	9♋57	25♉33	n.a.	T 1
F 2	22 7 0	29°43'45	12♒32	13° 8	20°51	12°10	14°19	11° 9	6♉26	16°25	20°29	11♋41	9°54	25°39	n.a.	F 2
S 3	22 10 57	0♍43'12	26° 2	13°32	22° 6	12°48	14°32	11°16	6°25	16°27	20°31	11°35	9°51	25°46	n.a.	S 3
S 4	22 14 54	1°42'41	9♓18	14° 5	23°20	13°27	14°45	11°23	6°25	16°28	20°33	11°27	9°48	25°53	n.a.	S 4
M 5	22 18 50	2°42'13	22°18	14°47	24°34	14° 6	14°58	11°31	6°24	16°30	20°35	11°18	9°45	25°59	n.a.	M 5
T 6	22 22 47	3°41'47	5♈ 1	15°38	25°49	14°45	15°11	11°38	6°23	16°32	20°38	11° 9	9°41	26° 6	n.a.	T 6
W 7	22 26 43	4°41'23	17°29	16°36	27° 3	15°24	15°24	11°45	6°23	16°34	20°40	11° 0	9°38	26°13	n.a.	W 7
T 8	22 30 40	5°41'01	29°41	17°42	28°18	16° 3	15°37	11°52	6°22	16°36	20°42	10°52	9°35	26°19	n.a.	T 8
F 9	22 34 36	6°40'42	11♉42	18°53	29°32	16°41	15°50	11°59	6°21	16°37	20°44	10°46	9°32	26°26	n.a.	F 9
S 10	22 38 33	7°40'26	23°35	20° 9	0♎46	17°20	16° 3	12° 6	6°20	16°39	20°46	10°43	9°29	26°33	n.a.	S 10
S 11	22 42 29	8°40'11	5♊24	21°31	2° 1	17°59	16°16	12°13	6°19	16°41	20°49	10°D42	9°26	26°39	n.a.	S 11
M12	22 46 26	9°39'59	17°16	22°56	3°15	18°38	16°30	12°19	6°18	16°43	20°51	10°42	9°22	26°46	n.a.	M12
T 13	22 50 23	10°39'50	29°15	24°24	4°29	19°17	16°43	12°26	6°17	16°45	20°53	10°43	9°19	26°53	n.a.	T 13
W14	22 54 19	11°39'43	11♋26	25°55	5°44	19°56	16°56	12°33	6°16	16°47	20°55	10°R43	9°16	27° 0	n.a.	W14
T 15	22 58 16	12°39'38	23°54	27°28	6°58	20°35	17° 9	12°40	6°14	16°49	20°57	10°42	9°13	27° 6	n.a.	T 15
F 16	23 2 12	13°39'36	6♌43	29° 4	8°12	21°14	17°22	12°47	6°13	16°51	21° 0	10°39	9°10	27°13	n.a.	F 16
S 17	23 6 9	14°39'35	19°56	0♍40	9°27	21°53	17°35	12°53	6°12	16°53	21° 2	10°34	9° 6	27°20	n.a.	S 17
S 18	23 10 5	15°39'37	3♍32	2°18	10°41	22°32	17°49	13° 0	6°11	16°55	21° 4	10°26	9° 3	27°26	n.a.	S 18
M19	23 14 2	16°39'41	17°30	3°57	11°55	23°11	18° 2	13° 7	6° 9	16°57	21° 6	10°15	9° 0	27°33	n.a.	M19
T 20	23 17 58	17°39'47	1♎45	5°36	13°10	23°50	18°15	13°13	6° 8	16°59	21° 8	10° 4	8°57	27°40	n.a.	T 20
W21	23 21 55	18°39'55	16°12	7°16	14°24	24°29	18°28	13°20	6° 6	17° 1	21°10	9°54	8°54	27°46	n.a.	W21
T 22	23 25 51	19°40'05	0♏44	8°56	15°38	25° 8	18°41	13°26	6° 5	17° 3	21°12	9°44	8°51	27°53	n.a.	T 22
F 23	23 29 48	20°40'16	15°13	10°36	16°53	25°47	18°55	13°33	6° 3	17° 5	21°14	9°38	8°47	28° 0	n.a.	F 23
S 24	23 33 45	21°40'30	29°37	12°16	18° 7	26°27	19° 8	13°39	6° 2	17° 7	21°16	9°33	8°44	28° 6	n.a.	S 24
S 25	23 37 41	22°40'45	13♐50	13°56	19°21	27° 6	19°21	13°45	6° 0	17° 9	21°18	9°32	8°41	28°13	n.a.	S 25
M26	23 41 38	23°41'01	27°51	15°36	20°35	27°45	19°34	13°52	5°58	17°11	21°20	9°D31	8°38	28°20	n.a.	M26
T 27	23 45 34	24°41'20	11♑41	17°16	21°49	28°24	19°47	13°58	5°57	17°13	21°22	9°R32	8°35	28°26	n.a.	T 27
W28	23 49 31	25°41'39	25°19	18°56	23° 4	29° 3	20° 0	14° 4	5°55	17°15	21°24	9°31	8°31	28°33	n.a.	W28
T 29	23 53 27	26°42'01	8♒47	20°35	24°18	29°42	20°14	14°10	5°53	17°17	21°26	9°28	8°28	28°40	n.a.	T 29
F 30	23 57 24	27♍42'24	22♒ 3	22♍14	25♎32	0♍22	20♍27	14♌16	5♉51	17♎19	21♌28	9♋22	8♋25	28♉46	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n 6	22s12	1s31	17n16	0n 4	4n55	0n48	18n45	1n12	7n30	1n15	19n14	1n34	13n33	0s21	4s43	1n58	29n46	15n47	23n17	23n26	15n57		n.a.
F 2	11 45	19 50	2 38	17 28	0 20	4 23	0 46	18 34	1 12	7 24	1 14	19 13	1 34	13 33	0 21	4 44	1 58	29 45	15 48	23 17	23 26	15 59		n.a.
S 3	11 23	16 24	3 35	17 35	0 36	3 51	0 44	18 23	1 12	7 19	1 14	19 11	1 35	13 33	0 21	4 45	1 58	29 44	15 48	23 18	23 26	16 1		n.a.
S 4	11 2	12 12	4 20	17 39	0 50	3 20	0 42	18 12	1 12	7 14	1 14	19 9	1 35	13 33	0 21	4 45	1 58	29 44	15 48	23 19	23 27	16 3		n.a.
M 5	10 40	7 31	4 49	17 39	1 2	2 48	0 40	18 0	1 12	7 9	1 14	19 7	1 35	13 32	0 21	4 46	1 58	29 43	15 48	23 19	23 27	16 6		n.a.
T 6	10 18	2 37	5 4	17 34	1 14	2 16	0 37	17 49	1 12	7 4	1 14	19 5	1 35	13 32	0 21	4 47	1 58	29 42	15 48	23 20	23 27	16 8		n.a.
W 7	9 56	2n18	5 4	17 26	1 24	1 43	0 35	17 37	1 12	6 59	1 14	19 3	1 35	13 32	0 21	4 48	1 58	29 42	15 48	23 21	23 27	16 10		n.a.
T 8	9 34	7 1	4 50	17 14	1 32	1 11	0 33	17 25	1 12	6 54	1 14	19 1	1 35	13 32	0 21	4 48	1 58	29 41	15 48	23 22	23 28	16 12		n.a.
F 9	9 12	11 25	4 23	16 58	1 39	0 39	0 30	17 13	1 12	6 48	1 14	18 59	1 35	13 31	0 21	4 49	1 58	29 41	15 49	23 22	23 28	16 14		n.a.
S 10	8 49	15 20	3 45	16 39	1 46	0 7	0 28	17 1	1 12	6 43	1 14	18 57	1 35	13 31	0 21	4 50	1 58	29 40	15 49	23 22	23 28	16 16		n.a.
S 11	8 27	18 38	2 57	16 18	1 51	0s26	0 25	16 49	1 12	6 38	1 14	18 56	1 35	13 31	0 21	4 51	1 58	29 39	15 49	23 23	23 28	16 19		n.a.
M12	8 4	21 10	2 2	15 53	1 54	0 58	0 23	16 37	1 12	6 33	1 14	18 54	1 36	13 30	0 21	4 51	1 58	29 39	15 49	23 22	23 29	16 21		n.a.
T 13	7 41	22 48	1 1	15 26	1 57	1 30	0 20	16 25	1 12	6 27	1 14	18 52	1 36	13 30	0 21	4 52	1 58	29 38	15 49	23 22	23 29	16 23		n.a.
W14	7 18	23 23	0n 4	14 56	1 59	2 2	0 18	16 12	1 12	6 22	1 14	18 50	1 36	13 29	0 21	4 53	1 58	29 38	15 50	23 22	23 29	16 25		n.a.
T 15	6 55	22 49	1 10	14 25	2 0	2 35	0 15	16 0	1 12	6 17	1 14	18 48	1 36	13 29	0 21	4 54	1 58	29 37	15 50	23 22	23 29	16 27		n.a.
F 16	6 31	21 3	2 14	13 51	2 0	3 7	0 12	15 47	1 12	6 12	1 14	18 46	1 36	13 29	0 21	4 55	1 58	29 37	15 50	23 23	23 30	16 29		n.a.
S 17	6 8	18 6	3 13	13 16	2 0	3 39	0 10	15 34	1 12	6 7	1 14	18 45	1 36	13 28	0 21	4 55	1 58	29 36	15 50	23 23	23 30	16 32		n.a.
S 18	5 44	14 7	4 3	12 40	1 59	4 11	0 7	15 21	1 12	6 1	1 14	18 43	1 36	13 28	0 21	4 56	1 58	29 36	15 51	23 24	23 30	16 34		n.a.
M19	5 21	9 17	4 39	12 2	1 57	4 43	0 4	15 8	1 12	5 56	1 14	18 41	1 37	13 27	0 21	4 57	1 58	29 35	15 51	23 25	23 30	16 36		n.a.
T 20	4 57	3 51	4 59	11 22	1 55	5 15	0 2	14 55	1 12	5 51	1 14	18 39	1 37	13 27	0 21	4 58	1 58	29 35	15 51	23 25	23 30	16 38		n.a.
W21	4 33	1s51	5 0	10 42	1 52	5 47	0s 1	14 42	1 12	5 46	1 14	18 38	1 37	13 26	0 21	4 59	1 58	29 34	15 51	23 26	23 31	16 40		n.a.
T 22	4 9	7 30	4 42	10 1	1 48	6 18	0 4	14 28	1 12	5 40	1 14	18 36	1 37	13 26	0 21	4 59	1 58	29 34	15 52	23 27	23 31	16 42		n.a.
F 23	3 45	12 44	4 6	9 19	1 45	6 50	0 7	14 15	1 12	5 35	1 14	18 34	1 37	13 25	0 21	5 0	1 58	29 33	15 52	23 28	23 31	16 45		n.a.
S 24	3 21	17 13	3 15	8 36	1 41	7 21	0 9	14 1	1 12	5 30	1 14	18 32	1 37	13 25	0 21	5 1	1 58	29 33	15 52	23 28	23 31	16 47		n.a.
S 25	2 57	20 38	2 12	7 53	1 36	7 52	0 12	13 48	1 12	5 24	1 14	18 31	1 38	13 24	0 21	5 2	1 58	29 32	15 53	23 28	23 31	16 49		n.a.
M26	2 33	22 46	1 1	7 10	1 31	8 24	0 15	13 34	1 12	5 19	1 14	18 29	1 38	13 24	0 21	5 3	1 58	29 32	15 53	23 28	23 32	16 51		n.a.
T 27	2 9	23 29	0s11	6 26	1 26	8 54	0 18	13 20	1 12	5 14	1 14	18 27	1 38	13 23	0 21	5 4	1 57	29 32	15 53	23 28	23 32	16 53		n.a.
W28	1 44	22 46	1 23	5 41	1 21	9 25	0 21	13 6	1 12	5 9	1 14	18 26	1 38	13 22	0 21	5 4	1 57	29 31	15 53	23 28	23 32	16 55		n.a.
T 29	1 20	20 44	2 28	4 57	1 16	9 55	0 23	12 52	1 12	5 3	1 14	18 24	1 38	13 22	0 21	5 5	1 57	29 31	15 54	23 28	23 32	16 57		n.a.
F 30	0n56	17s36	3s25	4n12	1n10	10s26	0s26	12n38	1n12	4n58	1n14	18n22	1n38	13n21	0s21	5s 6	1n57	29n31	15n54	23n29	23n32	16n59		n.a.

Julian Day Number = 1357512.5, Delta T = 07h01m52s
Ecliptic obliquity = 23°48'49, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°49'50, Lahiri = -17°42'49 Julian Calendar 1 Sept. 997 BCE == Greg. Calendar 23 Aug. 997 BCE

The year -996 astronomical counting style corresponds to year 997 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 997 BCE
geocentric

OCTOBER 997 BCE (-996) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 1 20	28♍42'48	5♓10	23♍52	26♎46	1♍ 1	20♍40	14♌22	5°R49	17♎22	21♌30	9°R13	8♋22	28♉53	n.a.	S 1
S 2	0 5 17	29°43'14	18° 5	25°31	28° 0	1°40	20°53	14°28	5♉48	17°24	21°32	9♋ 1	8°19	29° 0	n.a.	S 2
M 3	0 9 14	0♎43'42	0♈48	27° 9	29°14	2°19	21° 6	14°34	5°46	17°26	21°34	8°48	8°16	29° 6	n.a.	M 3
T 4	0 13 10	1°44'12	13°19	28°46	0♏28	2°59	21°19	14°40	5°44	17°28	21°36	8°34	8°12	29°13	n.a.	T 4
W 5	0 17 7	2°44'43	25°38	0♎24	1°42	3°38	21°32	14°46	5°42	17°30	21°38	8°20	8° 9	29°20	n.a.	W 5
T 6	0 21 3	3°45'17	7♉46	2° 0	2°56	4°17	21°45	14°51	5°40	17°33	21°39	8° 8	8° 6	29°26	n.a.	T 6
F 7	0 25 0	4°45'52	19°43	3°37	4°10	4°57	21°59	14°57	5°38	17°35	21°41	7°59	8° 3	29°33	n.a.	F 7
S 8	0 28 56	5°46'29	1♊34	5°13	5°24	5°36	22°12	15° 3	5°35	17°37	21°43	7°52	8° 0	29°40	n.a.	S 8
S 9	0 32 53	6°47'08	13°21	6°49	6°38	6°15	22°25	15° 8	5°33	17°39	21°45	7°49	7°57	29°46	n.a.	S 9
M10	0 36 49	7°47'49	25°11	8°25	7°52	6°55	22°38	15°14	5°31	17°41	21°47	7°47	7°53	29°53	n.a.	M10
T 11	0 40 46	8°48'31	7♋ 6	10° 0	9° 6	7°34	22°51	15°19	5°29	17°44	21°48	7°47	7°50	29°59	n.a.	T 11
W12	0 44 42	9°49'16	19°15	11°35	10°20	8°14	23° 4	15°24	5°27	17°46	21°50	7°47	7°47	0♊ 6	n.a.	W12
T 13	0 48 39	10°50'02	1♌41	13°10	11°34	8°53	23°16	15°29	5°25	17°48	21°52	7°45	7°44	0°13	n.a.	T 13
F 14	0 52 36	11°50'50	14°30	14°45	12°48	9°32	23°29	15°35	5°22	17°50	21°53	7°42	7°41	0°20	n.a.	F 14
S 15	0 56 32	12°51'40	27°46	16°19	14° 2	10°12	23°42	15°40	5°20	17°53	21°55	7°36	7°37	0°27	n.a.	S 15
S 16	1 0 29	13°52'31	11♍29	17°54	15°16	10°51	23°55	15°45	5°18	17°55	21°56	7°28	7°34	0°33	n.a.	S 16
M17	1 4 25	14°53'24	25°41	19°28	16°30	11°31	24° 8	15°50	5°15	17°57	21°58	7°17	7°31	0°40	n.a.	M17
T 18	1 8 22	15°54'18	10♎15	21° 2	17°44	12°11	24°21	15°55	5°13	17°59	22° 0	7° 5	7°28	0°47	n.a.	T 18
W19	1 12 18	16°55'14	25° 6	22°35	18°57	12°50	24°33	15°59	5°11	18° 2	22° 1	6°53	7°25	0°53	n.a.	W19
T 20	1 16 15	17°56'11	10♏ 4	24° 9	20°11	13°30	24°46	16° 4	5° 8	18° 4	22° 3	6°42	7°22	1° 0	n.a.	T 20
F 21	1 20 11	18°57'09	24°59	25°43	21°25	14° 9	24°59	16° 9	5° 6	18° 6	22° 4	6°34	7°18	1° 7	n.a.	F 21
S 22	1 24 8	19°58'08	9♐45	27°16	22°39	14°49	25°11	16°13	5° 3	18° 8	22° 5	6°29	7°15	1°13	n.a.	S 22
S 23	1 28 5	20°59'08	24°14	28°49	23°52	15°28	25°24	16°18	5° 1	18°11	22° 7	6°27	7°12	1°20	n.a.	S 23
M24	1 32 1	22° 0'09	8♑24	0♏22	25° 6	16° 8	25°36	16°22	4°58	18°13	22° 8	6°D27	7° 9	1°27	n.a.	M24
T 25	1 35 58	23° 1'11	22°14	1°55	26°20	16°48	25°49	16°27	4°56	18°15	22°10	6°R27	7° 6	1°33	n.a.	T 25
W26	1 39 54	24° 2'14	5♒46	3°28	27°33	17°27	26° 1	16°31	4°54	18°17	22°11	6°26	7° 3	1°40	n.a.	W26
T 27	1 43 51	25° 3'17	19° 1	5° 1	28°47	18° 7	26°14	16°35	4°51	18°20	22°12	6°24	6°59	1°47	n.a.	T 27
F 28	1 47 47	26° 4'21	2♓ 1	6°34	0♐ 1	18°47	26°26	16°39	4°49	18°22	22°13	6°19	6°56	1°53	n.a.	F 28
S 29	1 51 44	27° 5'26	14°48	8° 7	1°14	19°27	26°38	16°43	4°46	18°24	22°15	6°11	6°53	2° 0	n.a.	S 29
S 30	1 55 40	28° 6'32	27°24	9°39	2°28	20° 6	26°51	16°47	4°43	18°26	22°16	6° 0	6°50	2° 7	n.a.	S 30
M31	1 59 37	29♎ 7'38	9♈49	11♏12	3♐41	20♍46	27♍ 3	16♌51	4♉41	18♎29	22♌17	5♋48	6♋47	2♊13	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n31	13s37	4s 9	3n27	1n 4	10s56	0s29	12n24	1n12	4n53	1n14	18n21	1n39	13n21	0s21	5s 7	1n57	29n30	15n54	23n29	23n33	17n 2		n.a.
S 2	0 7	9 4	4 40	2 42	0 58	11 25	0 32	12 9	1 12	4 48	1 14	18 19	1 39	13 20	0 21	5 8	1 57	29 30	15 55	23 30	23 33	17 4		n.a.
M 3	0s18	4 12	4 57	1 57	0 52	11 55	0 35	11 55	1 11	4 42	1 14	18 18	1 39	13 19	0 21	5 9	1 57	29 30	15 55	23 31	23 33	17 6		n.a.
T 4	0 42	0n46	4 59	1 12	0 46	12 24	0 37	11 41	1 11	4 37	1 14	18 16	1 39	13 19	0 21	5 10	1 57	29 29	15 56	23 32	23 33	17 8		n.a.
W 5	1 6	5 37	4 47	0 27	0 40	12 53	0 40	11 26	1 11	4 32	1 14	18 14	1 39	13 18	0 21	5 10	1 57	29 29	15 56	23 33	23 34	17 10		n.a.
T 6	1 31	10 12	4 21	0s18	0 33	13 21	0 43	11 12	1 11	4 27	1 14	18 13	1 39	13 17	0 21	5 11	1 57	29 29	15 56	23 34	23 34	17 12		n.a.
F 7	1 55	14 20	3 45	1 3	0 27	13 49	0 46	10 57	1 11	4 22	1 14	18 11	1 40	13 17	0 21	5 12	1 57	29 28	15 57	23 34	23 34	17 14		n.a.
S 8	2 20	17 53	2 59	1 48	0 20	14 17	0 48	10 42	1 11	4 16	1 14	18 10	1 40	13 16	0 21	5 13	1 57	29 28	15 57	23 35	23 34	17 16		n.a.
S 9	2 44	20 41	2 5	2 32	0 14	14 45	0 51	10 27	1 11	4 11	1 14	18 8	1 40	13 15	0 21	5 14	1 57	29 28	15 57	23 35	23 34	17 18		n.a.
M10	3 8	22 37	1 6	3 16	0 7	15 12	0 54	10 12	1 11	4 6	1 14	18 7	1 40	13 14	0 21	5 15	1 57	29 28	15 58	23 35	23 34	17 21		n.a.
T 11	3 33	23 34	0 4	4 1	0 1	15 39	0 57	9 57	1 11	4 1	1 14	18 6	1 40	13 14	0 21	5 16	1 57	29 27	15 58	23 35	23 35	17 23		n.a.
W12	3 57	23 24	1n 0	4 44	0s 6	16 5	0 59	9 42	1 11	3 56	1 14	18 4	1 41	13 13	0 21	5 17	1 57	29 27	15 59	23 35	23 35	17 25		n.a.
T 13	4 21	22 5	2 3	5 28	0 12	16 31	1 2	9 27	1 11	3 51	1 14	18 3	1 41	13 12	0 21	5 17	1 57	29 27	15 59	23 35	23 35	17 27		n.a.
F 14	4 45	19 37	3 1	6 11	0 19	16 57	1 5	9 12	1 10	3 45	1 14	18 1	1 41	13 11	0 21	5 18	1 57	29 27	16 0	23 35	23 35	17 29		n.a.
S 15	5 9	16 3	3 52	6 54	0 25	17 22	1 7	8 57	1 10	3 40	1 14	18 0	1 41	13 11	0 21	5 19	1 57	29 27	16 0	23 35	23 35	17 31		n.a.
S 16	5 33	11 31	4 31	7 37	0 31	17 47	1 10	8 41	1 10	3 35	1 14	17 59	1 41	13 10	0 21	5 20	1 57	29 27	16 0	23 36	23 36	17 33		n.a.
M17	5 57	6 14	4 55	8 19	0 38	18 11	1 12	8 26	1 10	3 30	1 14	17 57	1 42	13 9	0 21	5 21	1 57	29 26	16 1	23 37	23 36	17 35		n.a.
T 18	6 21	0 28	5 0	9 1	0 44	18 35	1 15	8 10	1 10	3 25	1 14	17 56	1 42	13 8	0 21	5 22	1 57	29 26	16 1	23 37	23 36	17 37		n.a.
W19	6 45	5s26	4 46	9 42	0 50	18 58	1 17	7 55	1 10	3 20	1 14	17 55	1 42	13 7	0 21	5 23	1 57	29 26	16 2	23 38	23 36	17 39		n.a.
T 20	7 9	11 5	4 12	10 23	0 56	19 21	1 20	7 39	1 10	3 15	1 15	17 54	1 42	13 7	0 21	5 24	1 57	29 26	16 2	23 38	23 36	17 41		n.a.
F 21	7 32	16 4	3 21	11 3	1 2	19 43	1 22	7 24	1 10	3 10	1 15	17 52	1 43	13 6	0 21	5 24	1 57	29 26	16 3	23 39	23 37	17 43		n.a.
S 22	7 56	20 1	2 16	11 43	1 8	20 5	1 24	7 8	1 9	3 5	1 15	17 51	1 43	13 5	0 21	5 25	1 57	29 26	16 3	23 39	23 37	17 46		n.a.
S 23	8 19	22 37	1 4	12 22	1 14	20 26	1 27	6 52	1 9	3 0	1 15	17 50	1 43	13 4	0 21	5 26	1 57	29 26	16 4	23 39	23 37	17 48		n.a.
M24	8 42	23 43	0s10	13 1	1 19	20 46	1 29	6 37	1 9	2 55	1 15	17 49	1 43	13 3	0 21	5 27	1 57	29 26	16 4	23 39	23 37	17 50		n.a.
T 25	9 5	23 18	1 23	13 39	1 25	21 7	1 31	6 21	1 9	2 50	1 15	17 48	1 43	13 3	0 21	5 28	1 57	29 26	16 5	23 39	23 37	17 52		n.a.
W26	9 28	21 32	2 29	14 16	1 30	21 26	1 33	6 5	1 9	2 45	1 15	17 47	1 44	13 2	0 21	5 29	1 57	29 26	16 5	23 39	23 37	17 54		n.a.
T 27	9 51	18 36	3 26	14 53	1 35	21 45	1 35	5 49	1 9	2 40	1 15	17 46	1 44	13 1	0 21	5 30	1 57	29 26	16 6	23 39	23 38	17 56		n.a.
F 28	10 13	14 48	4 10	15 29	1 40	22 3	1 37	5 33	1 9	2 35	1 15	17 45	1 44	13 0	0 21	5 30	1 57	29 26	16 6	23 40	23 38	17 58		n.a.
S 29	10 36	10 24	4 42	16 4	1 44	22 21	1 39	5 17	1 8	2 30	1 15	17 44	1 44	12 59	0 21	5 31	1 57	29 26	16 7	23 40	23 38	18 0		n.a.
S 30	10 58	5 36	4 59	16 39	1 49	22 38	1 41	5 1	1 8	2 25	1 15	17 43	1 45	12 58	0 21	5 32	1 57	29 26	16 7	23 41	23 38	18 2		n.a.
M31	11s20	0s39	5s 1	17s13	1s53	22s54	1s43	4n45	1n 8	2n20	1n15	17n42	1n45	12n57	0s21	5s33	1n57	29n26	16n 8	23n41	23n38	18n 4		n.a.

Julian Day Number = 1357542.5, Delta T = 07h01m51s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°49'46, Lahiri = -17°42'45 Julian Calendar 1 Oct. 997 BCE == Greg. Calendar 22 Sept. 997 BCE

The year -996 astronomical counting style corresponds to year 997 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 997 BCE
geocentric

NOVEMBER 997 BCE (-996) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 3 34	0♏ 8'45	22♈ 6	12♏44	4♐54	21♍26	27♍15	16♌54	4°R38	18♎31	22♌18	5°R35	6♋43	2♊20	n.a.	T 1
W 2	2 7 30	1° 9'53	4♉13	14°16	6° 8	22° 6	27°27	16°58	4♉36	18°33	22°19	5♋23	6°40	2°27	n.a.	W 2
T 3	2 11 27	2°11'02	16°13	15°48	7°21	22°45	27°39	17° 2	4°33	18°35	22°20	5°12	6°37	2°33	n.a.	T 3
F 4	2 15 23	3°12'12	28° 6	17°20	8°34	23°25	27°51	17° 5	4°31	18°38	22°21	5° 3	6°34	2°40	n.a.	F 4
S 5	2 19 20	4°13'22	9♊55	18°51	9°48	24° 5	28° 3	17° 8	4°28	18°40	22°22	4°57	6°31	2°47	n.a.	S 5
S 6	2 23 16	5°14'34	21°41	20°22	11° 1	24°45	28°15	17°12	4°26	18°42	22°23	4°54	6°28	2°53	n.a.	S 6
M 7	2 27 13	6°15'46	3♋30	21°52	12°14	25°25	28°26	17°15	4°23	18°44	22°24	4°D52	6°24	3° 0	n.a.	M 7
T 8	2 31 10	7°16'59	15°25	23°22	13°27	26° 5	28°38	17°18	4°21	18°46	22°25	4°53	6°21	3° 7	n.a.	T 8
W 9	2 35 6	8°18'13	27°31	24°51	14°40	26°45	28°50	17°21	4°18	18°48	22°26	4°54	6°18	3°13	n.a.	W 9
T 10	2 39 3	9°19'28	9♌53	26°19	15°53	27°25	29° 1	17°24	4°15	18°51	22°27	4°R54	6°15	3°20	n.a.	T 10
F 11	2 42 59	10°20'44	22°37	27°46	17° 6	28° 5	29°13	17°26	4°13	18°53	22°28	4°54	6°12	3°27	n.a.	F 11
S 12	2 46 56	11°22'00	5♍46	29°12	18°19	28°44	29°24	17°29	4°10	18°55	22°29	4°51	6° 8	3°33	n.a.	S 12
S 13	2 50 52	12°23'17	19°25	0♐37	19°32	29°24	29°36	17°32	4° 8	18°57	22°29	4°46	6° 5	3°40	n.a.	S 13
M14	2 54 49	13°24'34	3♎34	2° 0	20°45	0♎ 4	29°47	17°34	4° 5	18°59	22°30	4°39	6° 2	3°47	n.a.	M14
T 15	2 58 45	14°25'52	18°10	3°20	21°58	0°44	29°58	17°36	4° 3	19° 1	22°31	4°30	5°59	3°53	n.a.	T 15
W16	3 2 42	15°27'11	3♏ 8	4°39	23°11	1°25	0♎ 9	17°39	4° 0	19° 3	22°31	4°22	5°56	4° 0	n.a.	W16
T 17	3 6 39	16°28'30	18°20	5°54	24°23	2° 5	0°20	17°41	3°58	19° 5	22°32	4°15	5°53	4° 7	n.a.	T 17
F 18	3 10 35	17°29'49	3♐34	7° 6	25°36	2°45	0°31	17°43	3°55	19° 7	22°33	4°10	5°49	4°13	n.a.	F 18
S 19	3 14 32	18°31'08	18°40	8°14	26°49	3°25	0°42	17°45	3°53	19° 9	22°33	4° 6	5°46	4°20	n.a.	S 19
S 20	3 18 28	19°32'27	3♑30	9°17	28° 1	4° 5	0°53	17°47	3°50	19°11	22°34	4°D 5	5°43	4°27	n.a.	S 20
M21	3 22 25	20°33'46	17°58	10°15	29°14	4°45	1° 4	17°49	3°48	19°13	22°34	4° 6	5°40	4°33	n.a.	M21
T 22	3 26 21	21°35'05	2♒ 2	11° 7	0♑26	5°25	1°14	17°50	3°46	19°15	22°35	4° 7	5°37	4°40	n.a.	T 22
W23	3 30 18	22°36'24	15°40	11°53	1°38	6° 5	1°25	17°52	3°43	19°17	22°35	4° 8	5°34	4°47	n.a.	W23
T 24	3 34 15	23°37'42	28°55	12°30	2°51	6°45	1°35	17°53	3°41	19°19	22°35	4°R 9	5°30	4°53	n.a.	T 24
F 25	3 38 11	24°39'00	11♓50	12°59	4° 3	7°26	1°46	17°54	3°38	19°21	22°36	4° 7	5°27	5° 0	n.a.	F 25
S 26	3 42 8	25°40'17	24°28	13°18	5°15	8° 6	1°56	17°56	3°36	19°23	22°36	4° 4	5°24	5° 7	n.a.	S 26
S 27	3 46 4	26°41'34	6♈51	13°R26	6°27	8°46	2° 6	17°57	3°34	19°25	22°36	3°58	5°21	5°13	n.a.	S 27
M28	3 50 1	27°42'50	19° 4	13°24	7°39	9°26	2°16	17°58	3°32	19°27	22°37	3°52	5°18	5°20	n.a.	M28
T 29	3 53 57	28°44'06	1♉ 8	13°10	8°51	10° 6	2°26	17°59	3°29	19°29	22°37	3°45	5°14	5°27	n.a.	T 29
W30	3 57 54	29♏45'22	13♉ 5	12♐44	10♑ 3	10♎47	2♎36	17♌59	3♉27	19♎31	22♌37	3♋38	5♋11	5♊33	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11 s42	4n16	4 s50	17 s45	1 s57	23 s10	1 s45	4n29	1n 8	2n16	1n15	17n41	1n45	12n57	0 s21	5 s34	1n57	29n26	16n 8	23n42	23n38	18n 6		n.a.
W 2	12 4	8 58	4 25	18 17	2 0	23 25	1 47	4 13	1 8	2 11	1 15	17 40	1 45	12 56	0 21	5 35	1 57	29 26	16 9	23 42	23 39	18 8		n.a.
T 3	12 25	13 17	3 49	18 48	2 4	23 40	1 48	3 57	1 7	2 6	1 16	17 39	1 46	12 55	0 21	5 36	1 57	29 26	16 9	23 43	23 39	18 10		n.a.
F 4	12 46	17 4	3 3	19 17	2 7	23 53	1 50	3 41	1 7	2 1	1 16	17 38	1 46	12 54	0 21	5 36	1 57	29 26	16 10	23 43	23 39	18 12		n.a.
S 5	13 8	20 9	2 9	19 46	2 9	24 6	1 52	3 24	1 7	1 57	1 16	17 37	1 46	12 53	0 21	5 37	1 57	29 27	16 10	23 43	23 39	18 14		n.a.
S 6	13 28	22 23	1 10	20 13	2 12	24 19	1 53	3 8	1 7	1 52	1 16	17 37	1 46	12 52	0 21	5 38	1 57	29 27	16 11	23 43	23 39	18 16		n.a.
M 7	13 49	23 39	0 7	20 40	2 13	24 30	1 54	2 52	1 7	1 47	1 16	17 36	1 47	12 51	0 21	5 39	1 57	29 27	16 11	23 43	23 39	18 18		n.a.
T 8	14 9	23 50	0n56	21 4	2 15	24 41	1 56	2 36	1 6	1 43	1 16	17 35	1 47	12 51	0 21	5 40	1 57	29 27	16 12	23 43	23 40	18 20		n.a.
W 9	14 30	22 55	1 59	21 28	2 16	24 51	1 57	2 19	1 6	1 38	1 16	17 34	1 47	12 50	0 21	5 40	1 57	29 27	16 13	23 43	23 40	18 22		n.a.
T 10	14 49	20 53	2 57	21 50	2 16	25 1	1 58	2 3	1 6	1 33	1 16	17 34	1 47	12 49	0 21	5 41	1 57	29 28	16 13	23 43	23 40	18 24		n.a.
F 11	15 9	17 46	3 48	22 10	2 16	25 9	1 59	1 47	1 6	1 29	1 16	17 33	1 48	12 48	0 21	5 42	1 57	29 28	16 14	23 43	23 40	18 26		n.a.
S 12	15 29	13 41	4 29	22 29	2 15	25 17	2 0	1 30	1 5	1 24	1 16	17 32	1 48	12 47	0 21	5 43	1 57	29 28	16 14	23 43	23 40	18 28		n.a.
S 13	15 48	8 47	4 56	22 46	2 13	25 25	2 1	1 14	1 5	1 20	1 17	17 32	1 48	12 46	0 21	5 44	1 57	29 28	16 15	23 44	23 40	18 30		n.a.
M14	16 7	3 15	5 7	23 2	2 11	25 31	2 2	0 58	1 5	1 15	1 17	17 31	1 48	12 45	0 21	5 44	1 57	29 29	16 15	23 44	23 40	18 32		n.a.
T 15	16 25	2 s38	4 59	23 15	2 8	25 37	2 3	0 41	1 5	1 11	1 17	17 31	1 49	12 45	0 21	5 45	1 57	29 29	16 16	23 44	23 41	18 34		n.a.
W16	16 43	8 32	4 30	23 26	2 5	25 42	2 4	0 25	1 4	1 7	1 17	17 30	1 49	12 44	0 21	5 46	1 58	29 29	16 17	23 44	23 41	18 36		n.a.
T 17	17 1	14 0	3 42	23 36	2 0	25 46	2 4	0 8	1 4	1 2	1 17	17 30	1 49	12 43	0 21	5 47	1 58	29 29	16 17	23 45	23 41	18 38		n.a.
F 18	17 19	18 37	2 37	23 43	1 54	25 49	2 5	0 s 8	1 4	0 58	1 17	17 30	1 49	12 42	0 21	5 48	1 58	29 30	16 18	23 45	23 41	18 40		n.a.
S 19	17 36	21 57	1 23	23 48	1 48	25 52	2 5	0 24	1 4	0 54	1 17	17 29	1 50	12 41	0 21	5 48	1 58	29 30	16 18	23 45	23 41	18 42		n.a.
S 20	17 53	23 43	0 3	23 50	1 40	25 54	2 6	0 41	1 3	0 50	1 17	17 29	1 50	12 40	0 21	5 49	1 58	29 30	16 19	23 45	23 41	18 44		n.a.
M21	18 10	23 49	1 s15	23 51	1 32	25 55	2 6	0 57	1 3	0 45	1 18	17 29	1 50	12 40	0 21	5 50	1 58	29 31	16 19	23 45	23 41	18 46		n.a.
T 22	18 27	22 23	2 26	23 48	1 22	25 55	2 6	1 14	1 3	0 41	1 18	17 28	1 50	12 39	0 20	5 50	1 58	29 31	16 20	23 45	23 42	18 48		n.a.
W23	18 43	19 40	3 26	23 44	1 11	25 55	2 6	1 30	1 2	0 37	1 18	17 28	1 51	12 38	0 20	5 51	1 58	29 32	16 21	23 45	23 42	18 50		n.a.
T 24	18 58	15 59	4 14	23 36	0 58	25 53	2 6	1 46	1 2	0 33	1 18	17 28	1 51	12 37	0 20	5 52	1 58	29 32	16 21	23 45	23 42	18 52		n.a.
F 25	19 14	11 39	4 48	23 27	0 44	25 51	2 6	2 3	1 2	0 29	1 18	17 28	1 51	12 36	0 20	5 53	1 58	29 32	16 22	23 45	23 42	18 54		n.a.
S 26	19 29	6 54	5 6	23 14	0 29	25 48	2 6	2 19	1 2	0 25	1 18	17 28	1 51	12 36	0 20	5 53	1 58	29 33	16 22	23 45	23 42	18 56		n.a.
S 27	19 43	1 58	5 10	22 59	0 13	25 45	2 6	2 36	1 1	0 21	1 18	17 28	1 52	12 35	0 20	5 54	1 58	29 33	16 23	23 45	23 42	18 58		n.a.
M28	19 58	2n58	5 0	22 41	0n 4	25 40	2 5	2 52	1 1	0 17	1 19	17 27	1 52	12 34	0 20	5 55	1 58	29 34	16 23	23 45	23 42	19 0		n.a.
T 29	20 11	7 44	4 36	22 21	0 23	25 35	2 5	3 8	1 1	0 13	1 19	17 27	1 52	12 33	0 20	5 55	1 58	29 34	16 24	23 46	23 42	19 2		n.a.
W30	20 s25	12n11	4 s 1	21 s59	0n42	25 s29	2 s 4	3 s25	1n 0	0n 9	1n19	17n27	1n52	12n32	0 s20	5 s56	1n58	29n35	16n25	23n46	23n43	19n 3		n.a.

Julian Day Number = 1357573.5, Delta T = 07h01m49s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°49'42, Lahiri = -17°42'41 Julian Calendar 1 Nov. 997 BCE == Greg. Calendar 23 Oct. 997 BCE

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ASTRODIENST EPHEMERIS for the year 997 BCE
geocentric

DECEMBER 997 BCE (-996) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 1 50	0♐46'37	24♉58	12°R 6	11♋14	11♎27	2♎45	18♌ 0	3°R25	19♎33	22♌37	3°R33	5♋ 8	5♊40	n.a.	T 1
F 2	4 5 47	1°47'52	6♊47	11♐17	12°26	12° 7	2°55	18° 1	3♉23	19°34	22°37	3♋28	5° 5	5°47	n.a.	F 2
S 3	4 9 44	2°49'07	18°36	10°18	13°37	12°47	3° 5	18° 1	3°21	19°36	22°37	3°25	5° 2	5°53	n.a.	S 3
S 4	4 13 40	3°50'21	0♋25	9°11	14°49	13°28	3°14	18° 1	3°18	19°38	22°R37	3°D24	4°59	6° 0	n.a.	S 4
M 5	4 17 37	4°51'35	12°18	7°57	16° 0	14° 8	3°23	18° 2	3°16	19°40	22°37	3°25	4°55	6° 7	n.a.	M 5
T 6	4 21 33	5°52'49	24°17	6°39	17°11	14°48	3°33	18° 2	3°14	19°41	22°37	3°26	4°52	6°13	n.a.	T 6
W 7	4 25 30	6°54'02	6♌26	5°20	18°23	15°29	3°42	18°R 2	3°12	19°43	22°37	3°28	4°49	6°20	n.a.	W 7
T 8	4 29 26	7°55'15	18°49	4° 1	19°34	16° 9	3°51	18° 2	3°10	19°45	22°37	3°29	4°46	6°27	n.a.	T 8
F 9	4 33 23	8°56'27	1♍30	2°46	20°44	16°49	3°59	18° 2	3° 8	19°46	22°37	3°31	4°43	6°33	n.a.	F 9
S 10	4 37 19	9°57'39	14°34	1°37	21°55	17°30	4° 8	18° 1	3° 7	19°48	22°37	3°R31	4°40	6°40	n.a.	S 10
S 11	4 41 16	10°58'51	28° 2	0°34	23° 6	18°10	4°17	18° 1	3° 5	19°50	22°37	3°30	4°36	6°47	n.a.	S 11
M12	4 45 13	12° 0'02	11♎58	29♏39	24°17	18°51	4°25	18° 0	3° 3	19°51	22°36	3°28	4°33	6°53	n.a.	M12
T 13	4 49 9	13° 1'12	26°21	28°53	25°27	19°31	4°34	18° 0	3° 1	19°53	22°36	3°25	4°30	7° 0	n.a.	T 13
W14	4 53 6	14° 2'22	11♏ 8	28°17	26°37	20°12	4°42	17°59	2°59	19°54	22°36	3°22	4°27	7° 7	n.a.	W14
T 15	4 57 2	15° 3'32	26°13	27°50	27°48	20°52	4°50	17°58	2°58	19°56	22°35	3°20	4°24	7°13	n.a.	T 15
F 16	5 0 59	16° 4'40	11♐27	27°32	28°58	21°32	4°58	17°57	2°56	19°57	22°35	3°18	4°20	7°20	n.a.	F 16
S 17	5 4 55	17° 5'48	26°40	27°23	0♒ 8	22°13	5° 6	17°56	2°54	19°59	22°35	3°D17	4°17	7°27	n.a.	S 17
S 18	5 8 52	18° 6'55	11♑42	27°D22	1°17	22°53	5°14	17°55	2°53	20° 0	22°34	3°17	4°14	7°33	n.a.	S 18
M19	5 12 49	19° 8'01	26°25	27°29	2°27	23°34	5°21	17°54	2°51	20° 1	22°34	3°18	4°11	7°40	n.a.	M19
T 20	5 16 45	20° 9'05	10♒44	27°44	3°37	24°15	5°29	17°52	2°50	20° 3	22°33	3°19	4° 8	7°47	n.a.	T 20
W21	5 20 42	21°10'08	24°36	28° 5	4°46	24°55	5°36	17°51	2°48	20° 4	22°33	3°20	4° 5	7°53	n.a.	W21
T 22	5 24 38	22°11'09	8♓ 1	28°32	5°55	25°36	5°43	17°49	2°47	20° 5	22°32	3°21	4° 1	8° 0	n.a.	T 22
F 23	5 28 35	23°12'09	21° 1	29° 4	7° 4	26°16	5°50	17°48	2°45	20° 7	22°31	3°R21	3°58	8° 7	n.a.	F 23
S 24	5 32 31	24°13'08	3♈39	29°42	8°13	26°57	5°57	17°46	2°44	20° 8	22°31	3°21	3°55	8°13	n.a.	S 24
S 25	5 36 28	25°14'05	16° 0	0♐25	9°22	27°37	6° 4	17°44	2°43	20° 9	22°30	3°21	3°52	8°20	n.a.	S 25
M26	5 40 24	26°15'00	28° 6	1°11	10°30	28°18	6°10	17°42	2°41	20°10	22°29	3°20	3°49	8°27	n.a.	M26
T 27	5 44 21	27°15'54	10♉ 3	2° 2	11°39	28°58	6°17	17°40	2°40	20°11	22°29	3°19	3°46	8°33	n.a.	T 27
W28	5 48 18	28°16'47	21°55	2°56	12°47	29°39	6°23	17°38	2°39	20°13	22°28	3°18	3°42	8°40	n.a.	W28
T 29	5 52 14	29°17'38	3♊43	3°53	13°55	0♏20	6°29	17°36	2°38	20°14	22°27	3°18	3°39	8°47	n.a.	T 29
F 30	5 56 11	0♑18'27	15°31	4°53	15° 2	1° 0	6°35	17°33	2°37	20°15	22°26	3°17	3°36	8°53	n.a.	F 30
S 31	6 0 7	1♑19'15	27♊22	5♐55	16♒10	1♏41	6♎41	17♌31	2♉36	20♎16	22♌25	3♋17	3♋33	9♊ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s38	16n 9	3s15	21s35	1n 2	25s23	2s 4	3s41	1n 0	0n 6	1n19	17n27	1n53	12n32	0s20	5s57	1n58	29n35	16n25	23n46	23n43	19n 5			n.a.
F 2	20 51	19 28	2 21	21 8	1 22	25 15	2 3	3 57	1 0	0 2	1 19	17 28	1 53	12 31	0 20	5 57	1 58	29 36	16 26	23 46	23 43	19 7			n.a.
S 3	21 3	21 59	1 20	20 40	1 41	25 7	2 2	4 13	0 59	0s 2	1 19	17 28	1 53	12 30	0 20	5 58	1 58	29 36	16 26	23 46	23 43	19 9			n.a.
S 4	21 15	23 32	0 16	20 12	2 0	24 59	2 1	4 30	0 59	0 6	1 20	17 28	1 54	12 30	0 20	5 59	1 58	29 37	16 27	23 46	23 43	19 11			n.a.
M 5	21 26	24 3	0n49	19 43	2 18	24 49	2 0	4 46	0 58	0 9	1 20	17 28	1 54	12 29	0 20	5 59	1 58	29 37	16 27	23 46	23 43	19 13			n.a.
T 6	21 37	23 26	1 52	19 14	2 34	24 39	1 58	5 2	0 58	0 13	1 20	17 28	1 54	12 28	0 20	6 0	1 58	29 38	16 28	23 46	23 43	19 15			n.a.
W 7	21 48	21 44	2 52	18 46	2 48	24 28	1 57	5 18	0 58	0 16	1 20	17 28	1 54	12 28	0 20	6 0	1 58	29 38	16 29	23 46	23 43	19 17			n.a.
T 8	21 58	18 58	3 45	18 20	3 0	24 16	1 56	5 34	0 57	0 20	1 20	17 29	1 55	12 27	0 20	6 1	1 58	29 39	16 29	23 46	23 44	19 19			n.a.
F 9	22 8	15 16	4 28	17 56	3 10	24 4	1 54	5 50	0 57	0 23	1 20	17 29	1 55	12 26	0 20	6 2	1 58	29 39	16 30	23 46	23 44	19 21			n.a.
S 10	22 17	10 45	4 59	17 35	3 17	23 51	1 53	6 6	0 56	0 26	1 21	17 29	1 55	12 26	0 20	6 2	1 58	29 40	16 30	23 46	23 44	19 23			n.a.
S 11	22 26	5 35	5 14	17 18	3 22	23 37	1 51	6 22	0 56	0 30	1 21	17 30	1 55	12 25	0 20	6 3	1 58	29 41	16 31	23 46	23 44	19 25			n.a.
M12	22 35	0s 2	5 12	17 4	3 24	23 23	1 49	6 38	0 56	0 33	1 21	17 30	1 56	12 24	0 20	6 3	1 59	29 41	16 31	23 46	23 44	19 26			n.a.
T 13	22 43	5 49	4 51	16 53	3 25	23 8	1 47	6 54	0 55	0 36	1 21	17 31	1 56	12 24	0 20	6 4	1 59	29 42	16 32	23 46	23 44	19 28			n.a.
W14	22 51	11 27	4 10	16 47	3 24	22 52	1 45	7 10	0 55	0 39	1 21	17 31	1 56	12 23	0 20	6 4	1 59	29 43	16 33	23 46	23 44	19 30			n.a.
T 15	22 58	16 31	3 11	16 44	3 21	22 36	1 43	7 26	0 54	0 42	1 22	17 32	1 56	12 23	0 20	6 5	1 59	29 43	16 33	23 46	23 44	19 32			n.a.
F 16	23 4	20 33	1 58	16 44	3 16	22 19	1 40	7 42	0 54	0 45	1 22	17 32	1 57	12 22	0 20	6 5	1 59	29 44	16 34	23 46	23 44	19 34			n.a.
S 17	23 11	23 10	0 37	16 47	3 11	22 2	1 38	7 57	0 53	0 48	1 22	17 33	1 57	12 21	0 20	6 6	1 59	29 44	16 34	23 46	23 45	19 36			n.a.
S 18	23 16	24 4	0s46	16 53	3 4	21 44	1 36	8 13	0 53	0 51	1 22	17 33	1 57	12 21	0 20	6 6	1 59	29 45	16 35	23 46	23 45	19 38			n.a.
M19	23 22	23 14	2 5	17 2	2 57	21 26	1 33	8 29	0 52	0 54	1 22	17 34	1 57	12 20	0 20	6 7	1 59	29 46	16 35	23 46	23 45	19 40			n.a.
T 20	23 26	20 54	3 13	17 13	2 49	21 7	1 30	8 44	0 52	0 57	1 22	17 35	1 58	12 20	0 20	6 7	1 59	29 46	16 36	23 46	23 45	19 41			n.a.
W21	23 31	17 24	4 8	17 26	2 40	20 47	1 27	9 0	0 51	1 0	1 23	17 35	1 58	12 19	0 20	6 8	1 59	29 47	16 36	23 46	23 45	19 43			n.a.
T 22	23 35	13 7	4 47	17 41	2 31	20 27	1 24	9 15	0 51	1 2	1 23	17 36	1 58	12 19	0 20	6 8	1 59	29 48	16 37	23 46	23 45	19 45			n.a.
F 23	23 38	8 21	5 10	17 57	2 22	20 6	1 21	9 31	0 50	1 5	1 23	17 37	1 58	12 18	0 20	6 9	1 59	29 49	16 37	23 46	23 45	19 47			n.a.
S 24	23 41	3 22	5 17	18 15	2 12	19 45	1 18	9 46	0 50	1 8	1 23	17 38	1 59	12 18	0 20	6 9	1 59	29 49	16 38	23 46	23 45	19 49			n.a.
S 25	23 44	1n38	5 10	18 33	2 3	19 24	1 15	10 1	0 49	1 10	1 24	17 38	1 59	12 18	0 20	6 10	1 59	29 50	16 38	23 46	23 45	19 51			n.a.
M26	23 46	6 29	4 48	18 53	1 53	19 2	1 12	10 17	0 49	1 13	1 24	17 39	1 59	12 17	0 20	6 10	1 59	29 51	16 39	23 46	23 45	19 53			n.a.
T 27	23 47	11 2	4 15	19 12	1 43	18 39	1 8	10 32	0 48	1 15	1 24	17 40	1 59	12 17	0 20	6 10	1 59	29 51	16 39	23 46	23 46	19 54			n.a.
W28	23 48	15 9	3 30	19 33	1 33	18 16	1 5	10 47	0 48	1 17	1 24	17 41	2 0	12 16	0 20	6 11	1 59	29 52	16 40	23 46	23 46	19 56			n.a.
T 29	23 49	18 39	2 37	19 53	1 24	17 53	1 1	11 2	0 47	1 19	1 24	17 42	2 0	12 16	0 20	6 11	1 59	29 53	16 40	23 46	23 46	19 58			n.a.
F 30	23 49	21 24	1 37	20 14	1 14	17 29	0 57	11 17	0 47	1 22	1 25	17 43	2 0	12 16	0 20	6 11	2 0	29 54	16 41	23 46	23 46	20 0			n.a.
S 31	23s48	23n14	0s33	20s35	1n 4	17s 5	0s53	11s31	0n46	1s24	1n25	17n44	2n 0	12n15	0s20	6s12	2n 0	29n54	16n41	23n46	23n46	20n 2			n.a.

Julian Day Number = 1357603.5, Delta T = 07h01m47s
Ecliptic obliquity = 23°48'49, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°49'38, Lahiri = -17°42'37 Julian Calendar 1 Dec. 997 BCE == Greg. Calendar 22 Nov. 997 BCE

The year -996 astronomical counting style corresponds to year 997 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 996 BCE
geocentric

JANUARY 996 BCE (-995) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 4 4	2♉20'02	9♋18	7♐ 0	17♒17	2♏21	6♎46	17°R28	2°R35	20♎17	22°R25	3°D17	3♋30	9♊ 7	n.a.	S 1
M 2	6 8 0	3°20'47	21°19	8° 8	18°24	3° 2	6°52	17♌26	2♉34	20°18	22♌24	3°R17	3°26	9°13	n.a.	M 2
T 3	6 11 57	4°21'31	3♌30	9°17	19°31	3°43	6°57	17°23	2°33	20°19	22°23	3♋17	3°23	9°20	n.a.	T 3
W 4	6 15 54	5°22'13	15°50	10°28	20°38	4°23	7° 2	17°20	2°32	20°20	22°22	3°17	3°20	9°26	n.a.	W 4
T 5	6 19 50	6°22'54	28°23	11°41	21°44	5° 4	7° 7	17°17	2°32	20°20	22°21	3°17	3°17	9°33	n.a.	T 5
F 6	6 23 47	7°23'33	11♍11	12°56	22°50	5°45	7°12	17°14	2°31	20°21	22°20	3°16	3°14	9°40	n.a.	F 6
S 7	6 27 43	8°24'11	24°17	14°13	23°56	6°26	7°17	17°11	2°30	20°22	22°19	3°16	3°11	9°46	n.a.	S 7
S 8	6 31 40	9°24'48	7♎41	15°30	25° 2	7° 6	7°21	17° 8	2°30	20°23	22°18	3°D16	3° 7	9°53	n.a.	S 8
M 9	6 35 36	10°25'23	21°26	16°50	26° 7	7°47	7°26	17° 5	2°29	20°24	22°17	3°16	3° 4	10° 0	n.a.	M 9
T 10	6 39 33	11°25'57	5♏33	18°10	27°12	8°28	7°30	17° 2	2°29	20°24	22°15	3°16	3° 1	10° 6	n.a.	T 10
W11	6 43 29	12°26'30	19°59	19°32	28°17	9° 8	7°34	16°58	2°28	20°25	22°14	3°17	2°58	10°13	n.a.	W11
T 12	6 47 26	13°27'01	4♐43	20°55	29°22	9°49	7°38	16°55	2°28	20°26	22°13	3°18	2°55	10°20	n.a.	T 12
F 13	6 51 23	14°27'31	19°38	22°20	0♓26	10°30	7°41	16°51	2°27	20°26	22°12	3°18	2°52	10°26	n.a.	F 13
S 14	6 55 19	15°27'59	4♑38	23°45	1°30	11°11	7°45	16°48	2°27	20°27	22°11	3°R19	2°48	10°33	n.a.	S 14
S 15	6 59 16	16°28'25	19°33	25°12	2°33	11°52	7°48	16°44	2°27	20°27	22° 9	3°18	2°45	10°40	n.a.	S 15
M16	7 3 12	17°28'49	4♒17	26°39	3°37	12°32	7°51	16°40	2°27	20°28	22° 8	3°17	2°42	10°46	n.a.	M16
T 17	7 7 9	18°29'12	18°42	28° 8	4°40	13°13	7°54	16°37	2°27	20°28	22° 7	3°15	2°39	10°53	n.a.	T 17
W18	7 11 5	19°29'32	2♓42	29°38	5°42	13°54	7°57	16°33	2°26	20°29	22° 6	3°13	2°36	11° 0	n.a.	W18
T 19	7 15 2	20°29'50	16°16	1♑ 9	6°44	14°35	7°59	16°29	2°D26	20°29	22° 4	3°11	2°32	11° 6	n.a.	T 19
F 20	7 18 58	21°30'06	29°24	2°41	7°46	15°15	8° 2	16°25	2°26	20°30	22° 3	3° 9	2°29	11°13	n.a.	F 20
S 21	7 22 55	22°30'20	12♈ 8	4°14	8°48	15°56	8° 4	16°21	2°27	20°30	22° 2	3° 8	2°26	11°20	n.a.	S 21
S 22	7 26 52	23°30'31	24°32	5°48	9°49	16°37	8° 6	16°17	2°27	20°30	22° 0	3°D 7	2°23	11°26	n.a.	S 22
M23	7 30 48	24°30'41	6♉39	7°23	10°49	17°18	8° 8	16°13	2°27	20°30	21°59	3° 8	2°20	11°33	n.a.	M23
T 24	7 34 45	25°30'48	18°34	8°59	11°49	17°58	8°10	16° 8	2°27	20°31	21°57	3° 9	2°17	11°40	n.a.	T 24
W25	7 38 41	26°30'52	0♊24	10°36	12°49	18°39	8°11	16° 4	2°27	20°31	21°56	3°11	2°13	11°46	n.a.	W25
T 26	7 42 38	27°30'55	12°11	12°15	13°48	19°20	8°12	16° 0	2°28	20°31	21°55	3°13	2°10	11°53	n.a.	T 26
F 27	7 46 34	28°30'56	24° 1	13°54	14°47	20° 1	8°13	15°56	2°28	20°31	21°53	3°14	2° 7	12° 0	n.a.	F 27
S 28	7 50 31	29°30'54	5♋56	15°34	15°46	20°42	8°14	15°51	2°29	20°31	21°52	3°R14	2° 4	12° 6	n.a.	S 28
S 29	7 54 27	0♒30'50	17°59	17°16	16°43	21°22	8°15	15°47	2°29	20°31	21°50	3°13	2° 1	12°13	n.a.	S 29
M30	7 58 24	1°30'44	0♌13	18°58	17°41	22° 3	8°16	15°42	2°30	20°31	21°49	3°11	1°58	12°20	n.a.	M30
T 31	8 2 20	2♒30'36	12♌39	20♑42	18♓37	22♏44	8♎16	15♌38	2♉30	20°R31	21♌47	3♋ 7	1♋54	12♊26	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23 s48	24n 2	0n33	20 s55	0n55	16 s41	0 s49	11 s46	0n45	1 s26	1n25	17n45	2n 1	12n15	0 s20	6 s12	2n 0	29n55	16n42	23n46	23n46	20n 3		n.a.
M 2	23 46	23 43	1 39	21 16	0 45	16 16	0 45	12 1	0 45	1 28	1 25	17 46	2 1	12 15	0 20	6 12	2 0	29 56	16 42	23 46	23 46	20 5		n.a.
T 3	23 44	22 16	2 40	21 36	0 36	15 50	0 41	12 15	0 44	1 30	1 25	17 47	2 1	12 14	0 20	6 13	2 0	29 57	16 43	23 46	23 46	20 7		n.a.
W 4	23 42	19 45	3 35	21 55	0 27	15 25	0 37	12 30	0 44	1 32	1 26	17 48	2 1	12 14	0 20	6 13	2 0	29 57	16 43	23 46	23 46	20 9		n.a.
T 5	23 39	16 17	4 21	22 14	0 18	14 59	0 32	12 44	0 43	1 33	1 26	17 49	2 2	12 14	0 20	6 13	2 0	29 58	16 44	23 46	23 46	20 11		n.a.
F 6	23 36	12 0	4 55	22 33	0 9	14 33	0 28	12 59	0 42	1 35	1 26	17 50	2 2	12 14	0 20	6 13	2 0	29 59	16 44	23 46	23 46	20 13		n.a.
S 7	23 33	7 6	5 14	22 51	0 1	14 7	0 23	13 13	0 42	1 37	1 26	17 52	2 2	12 14	0 20	6 14	2 0	30 0	16 45	23 46	23 46	20 14		n.a.
S 8	23 28	1 45	5 17	23 8	0 s 7	13 40	0 18	13 27	0 41	1 38	1 27	17 53	2 2	12 13	0 19	6 14	2 0	30 1	16 45	23 46	23 47	20 16		n.a.
M 9	23 24	3 s50	5 2	23 25	0 16	13 13	0 13	13 41	0 40	1 40	1 27	17 54	2 2	12 13	0 19	6 14	2 0	30 1	16 45	23 46	23 47	20 18		n.a.
T 10	23 19	9 21	4 29	23 40	0 23	12 46	0 9	13 55	0 40	1 41	1 27	17 55	2 3	12 13	0 19	6 14	2 0	30 2	16 46	23 46	23 47	20 20		n.a.
W11	23 13	14 31	3 38	23 55	0 31	12 19	0 4	14 9	0 39	1 43	1 27	17 56	2 3	12 13	0 19	6 15	2 0	30 3	16 46	23 46	23 47	20 21		n.a.
T 12	23 7	18 55	2 32	24 8	0 39	11 51	0n 2	14 23	0 38	1 44	1 28	17 58	2 3	12 13	0 19	6 15	2 0	30 4	16 47	23 46	23 47	20 23		n.a.
F 13	23 1	22 9	1 15	24 21	0 46	11 23	0 7	14 36	0 38	1 45	1 28	17 59	2 3	12 13	0 19	6 15	2 0	30 4	16 47	23 46	23 47	20 25		n.a.
S 14	22 54	23 51	0 s 7	24 32	0 53	10 55	0 12	14 50	0 37	1 47	1 28	18 0	2 3	12 13	0 19	6 15	2 0	30 5	16 47	23 46	23 47	20 27		n.a.
S 15	22 47	23 50	1 29	24 43	0 59	10 27	0 17	15 3	0 36	1 48	1 28	18 2	2 4	12 13	0 19	6 15	2 1	30 6	16 48	23 46	23 47	20 29		n.a.
M16	22 39	22 8	2 43	24 52	1 6	9 59	0 23	15 17	0 35	1 49	1 28	18 3	2 4	12 13	0 19	6 15	2 1	30 7	16 48	23 46	23 47	20 30		n.a.
T 17	22 31	19 2	3 46	25 0	1 12	9 31	0 29	15 30	0 35	1 50	1 29	18 4	2 4	12 13	0 19	6 16	2 1	30 8	16 49	23 46	23 47	20 32		n.a.
W18	22 22	14 54	4 33	25 6	1 18	9 2	0 34	15 43	0 34	1 51	1 29	18 6	2 4	12 13	0 19	6 16	2 1	30 8	16 49	23 46	23 47	20 34		n.a.
T 19	22 13	10 8	5 3	25 12	1 23	8 33	0 40	15 56	0 33	1 51	1 29	18 7	2 4	12 13	0 19	6 16	2 1	30 9	16 49	23 46	23 47	20 36		n.a.
F 20	22 4	5 3	5 16	25 16	1 28	8 5	0 46	16 9	0 32	1 52	1 29	18 8	2 5	12 13	0 19	6 16	2 1	30 10	16 50	23 47	23 47	20 37		n.a.
S 21	21 54	0n 5	5 12	25 18	1 33	7 36	0 52	16 22	0 32	1 53	1 30	18 10	2 5	12 13	0 19	6 16	2 1	30 11	16 50	23 47	23 47	20 39		n.a.
S 22	21 44	5 5	4 54	25 19	1 38	7 7	0 58	16 34	0 31	1 53	1 30	18 11	2 5	12 13	0 19	6 16	2 1	30 12	16 50	23 47	23 48	20 41		n.a.
M23	21 33	9 48	4 24	25 18	1 42	6 38	1 4	16 47	0 30	1 54	1 30	18 13	2 5	12 13	0 19	6 16	2 1	30 12	16 51	23 47	23 48	20 42		n.a.
T 24	21 22	14 4	3 42	25 16	1 46	6 10	1 10	16 59	0 29	1 54	1 30	18 14	2 5	12 13	0 19	6 16	2 1	30 13	16 51	23 47	23 48	20 44		n.a.
W25	21 11	17 46	2 51	25 12	1 50	5 41	1 16	17 11	0 28	1 55	1 31	18 15	2 5	12 13	0 19	6 16	2 1	30 14	16 51	23 46	23 48	20 46		n.a.
T 26	20 59	20 44	1 53	25 7	1 53	5 12	1 23	17 24	0 28	1 55	1 31	18 17	2 5	12 13	0 19	6 16	2 1	30 15	16 51	23 46	23 48	20 48		n.a.
F 27	20 47	22 50	0 51	24 59	1 56	4 43	1 29	17 36	0 27	1 55	1 31	18 18	2 6	12 13	0 19	6 16	2 1	30 15	16 52	23 46	23 48	20 49		n.a.
S 28	20 34	23 56	0n15	24 50	1 58	4 14	1 35	17 47	0 26	1 55	1 31	18 20	2 6	12 14	0 19	6 16	2 1	30 16	16 52	23 46	23 48	20 51		n.a.
S 29	20 21	23 55	1 20	24 40	2 0	3 45	1 42	17 59	0 25	1 55	1 32	18 21	2 6	12 14	0 19	6 16	2 1	30 17	16 52	23 46	23 48	20 53		n.a.
M30	20 8	22 45	2 23	24 27	2 2	3 17	1 49	18 11	0 24	1 55	1 32	18 23	2 6	12 14	0 19	6 16	2 2	30 18	16 52	23 46	23 48	20 54		n.a.
T 31	19 s54	20n27	3n20	24 s13	2 s 3	2 s48	1n55	18 s22	0n23	1 s55	1n32	18n24	2n 6	12n14	0 s19	6 s16	2n 2	30n18	16n53	23n47	23n48	20n56		n.a.

Julian Day Number = 1357634.5, Delta T = 07h01m46s
Ecliptic obliquity = 23°48'49, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°49'33, Lahiri = -17°42'33 Julian Calendar 1 Jan. 996 BCE == Greg. Calendar 23 Dec. 997 BCE

The year -995 astronomical counting style corresponds to year 996 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 996 BCE
geocentric

FEBRUARY 996 BCE (-995) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 6 17	3♒30'25	25♌18	22♉27	19♓34	23♏25	8°R16	15°R33	2♉31	20°R31	21°R46	3°R 2	1♋51	12♊33	n.a.	W 1
T 2	8 10 14	4°30'13	8♍10	24°13	20°29	24° 6	8♎16	15♌29	2°32	20♎31	21♌44	2♋57	1°48	12°40	n.a.	T 2
F 3	8 14 10	5°29'59	21°16	26° 0	21°24	24°46	8°16	15°24	2°33	20°31	21°42	2°52	1°45	12°46	n.a.	F 3
S 4	8 18 7	6°29'42	4♎34	27°48	22°19	25°27	8°15	15°20	2°33	20°31	21°41	2°47	1°42	12°53	n.a.	S 4
S 5	8 22 3	7°29'24	18° 6	29°38	23°12	26° 8	8°15	15°15	2°34	20°31	21°39	2°44	1°38	12°59	n.a.	S 5
M 6	8 26 0	8°29'04	1♏51	1♒28	24° 5	26°49	8°14	15°11	2°35	20°31	21°38	2°42	1°35	13° 6	n.a.	M 6
T 7	8 29 56	9°28'42	15°49	3°20	24°58	27°30	8°13	15° 6	2°36	20°31	21°36	2°D42	1°32	13°13	n.a.	T 7
W 8	8 33 53	10°28'19	29°59	5°13	25°49	28°10	8°12	15° 1	2°37	20°30	21°34	2°43	1°29	13°19	n.a.	W 8
T 9	8 37 49	11°27'54	14♐21	7° 8	26°40	28°51	8°11	14°57	2°38	20°30	21°33	2°45	1°26	13°26	n.a.	T 9
F 10	8 41 46	12°27'26	28°51	9° 3	27°30	29°32	8° 9	14°52	2°39	20°30	21°31	2°R46	1°23	13°33	n.a.	F 10
S 11	8 45 43	13°26'57	13♑25	11° 0	28°20	0♐13	8° 7	14°47	2°41	20°29	21°30	2°45	1°19	13°39	n.a.	S 11
S 12	8 49 39	14°26'26	27°59	12°57	29° 8	0°53	8° 5	14°43	2°42	20°29	21°28	2°43	1°16	13°46	n.a.	S 12
M13	8 53 36	15°25'53	12♒26	14°56	29°56	1°34	8° 3	14°38	2°43	20°28	21°26	2°39	1°13	13°53	n.a.	M13
T 14	8 57 32	16°25'17	26°40	16°55	0♈43	2°15	8° 1	14°33	2°44	20°28	21°25	2°33	1°10	13°59	n.a.	T 14
W15	9 1 29	17°24'39	10♓36	18°56	1°29	2°56	7°59	14°28	2°46	20°28	21°23	2°25	1° 7	14° 6	n.a.	W15
T 16	9 5 25	18°23'59	24° 9	20°57	2°14	3°36	7°56	14°24	2°47	20°27	21°21	2°17	1° 4	14°13	n.a.	T 16
F 17	9 9 22	19°23'16	7♈20	22°58	2°58	4°17	7°53	14°19	2°49	20°26	21°20	2°10	1° 0	14°19	n.a.	F 17
S 18	9 13 18	20°22'31	20° 7	25° 1	3°41	4°58	7°50	14°15	2°50	20°26	21°18	2° 4	0°57	14°26	n.a.	S 18
S 19	9 17 15	21°21'44	2♉33	27° 3	4°23	5°38	7°47	14°10	2°52	20°25	21°17	2° 0	0°54	14°33	n.a.	S 19
M20	9 21 11	22°20'54	14°42	29° 5	5° 4	6°19	7°44	14° 5	2°53	20°25	21°15	1°58	0°51	14°39	n.a.	M20
T 21	9 25 8	23°20'02	26°39	1♓ 7	5°43	7° 0	7°40	14° 1	2°55	20°24	21°13	1°D58	0°48	14°46	n.a.	T 21
W22	9 29 5	24°19'07	8♊29	3° 9	6°22	7°40	7°36	13°56	2°57	20°23	21°12	1°59	0°44	14°53	n.a.	W22
T 23	9 33 1	25°18'10	20°17	5° 9	6°59	8°21	7°33	13°52	2°59	20°23	21°10	2° 0	0°41	14°59	n.a.	T 23
F 24	9 36 58	26°17'11	2♋ 8	7° 9	7°35	9° 1	7°29	13°47	3° 0	20°22	21° 8	2°R 1	0°38	15° 6	n.a.	F 24
S 25	9 40 54	27°16'09	14° 7	9° 7	8° 9	9°42	7°24	13°43	3° 2	20°21	21° 7	2° 0	0°35	15°13	n.a.	S 25
S 26	9 44 51	28°15'05	26°18	11° 3	8°42	10°23	7°20	13°38	3° 4	20°20	21° 5	1°57	0°32	15°19	n.a.	S 26
M27	9 48 47	29°13'59	8♌44	12°56	9°14	11° 3	7°16	13°34	3° 6	20°19	21° 3	1°52	0°29	15°26	n.a.	M27
T 28	9 52 44	0♓12'50	21♌27	14♓47	9♈44	11♐44	7♎11	13♌29	3♉ 8	20♎18	21♌ 2	1♋44	0♋25	15♊32	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s40	17n10	4n 7	23s57	2s 4	2s20	2n 2	18s34	0n22	1s55	1n32	18n26	2n 6	12n14	0s19	6s16	2n 2	30n19	16n53	23n47	23n48	20n58		n.a.
T 2	19 26	13 0	4 44	23 38	2 4	1 51	2 9	18 45	0 21	1 55	1 32	18 27	2 6	12 15	0 19	6 16	2 2	30 20	16 53	23 47	23 48	21 0		n.a.
F 3	19 11	8 11	5 6	23 18	2 4	1 23	2 16	18 56	0 20	1 55	1 33	18 29	2 7	12 15	0 19	6 16	2 2	30 21	16 53	23 47	23 48	21 1		n.a.
S 4	18 56	2 55	5 12	22 56	2 3	0 55	2 23	19 7	0 19	1 54	1 33	18 30	2 7	12 15	0 19	6 15	2 2	30 21	16 54	23 47	23 48	21 3		n.a.
S 5	18 41	2s35	5 1	22 32	2 2	0 27	2 30	19 17	0 18	1 54	1 33	18 32	2 7	12 16	0 19	6 15	2 2	30 22	16 54	23 47	23 48	21 5		n.a.
M 6	18 25	8 3	4 33	22 6	2 0	0n 0	2 37	19 28	0 17	1 53	1 33	18 33	2 7	12 16	0 19	6 15	2 2	30 23	16 54	23 47	23 48	21 6		n.a.
T 7	18 10	13 12	3 48	21 38	1 58	0 28	2 44	19 38	0 16	1 53	1 34	18 35	2 7	12 16	0 19	6 15	2 2	30 24	16 54	23 47	23 48	21 8		n.a.
W 8	17 53	17 43	2 49	21 8	1 56	0 55	2 51	19 49	0 15	1 52	1 34	18 36	2 7	12 17	0 19	6 15	2 2	30 24	16 54	23 47	23 48	21 10		n.a.
T 9	17 37	21 15	1 39	20 35	1 53	1 22	2 58	19 59	0 14	1 51	1 34	18 38	2 7	12 17	0 19	6 15	2 2	30 25	16 54	23 47	23 48	21 11		n.a.
F 10	17 20	23 27	0 21	20 1	1 49	1 49	3 5	20 9	0 13	1 51	1 34	18 39	2 7	12 18	0 19	6 15	2 2	30 26	16 55	23 47	23 48	21 13		n.a.
S 11	17 3	24 5	0s58	19 25	1 44	2 16	3 12	20 19	0 12	1 50	1 34	18 41	2 7	12 18	0 19	6 14	2 2	30 26	16 55	23 47	23 48	21 15		n.a.
S 12	16 45	23 3	2 13	18 47	1 40	2 42	3 20	20 28	0 11	1 49	1 35	18 42	2 7	12 18	0 19	6 14	2 2	30 27	16 55	23 47	23 48	21 16		n.a.
M13	16 28	20 30	3 18	18 6	1 34	3 8	3 27	20 38	0 10	1 48	1 35	18 44	2 7	12 19	0 19	6 14	2 2	30 28	16 55	23 47	23 48	21 18		n.a.
T 14	16 10	16 44	4 11	17 24	1 28	3 33	3 34	20 47	0 9	1 47	1 35	18 45	2 8	12 19	0 19	6 14	2 3	30 28	16 55	23 47	23 49	21 19		n.a.
W15	15 51	12 7	4 47	16 40	1 21	3 59	3 42	20 56	0 8	1 45	1 35	18 47	2 8	12 20	0 19	6 13	2 3	30 29	16 55	23 47	23 49	21 21		n.a.
T 16	15 33	7 1	5 5	15 54	1 14	4 24	3 49	21 5	0 7	1 44	1 36	18 48	2 8	12 20	0 19	6 13	2 3	30 30	16 55	23 48	23 49	21 23		n.a.
F 17	15 14	1 44	5 7	15 7	1 6	4 48	3 56	21 14	0 6	1 43	1 36	18 49	2 8	12 21	0 18	6 13	2 3	30 30	16 55	23 48	23 49	21 24		n.a.
S 18	14 55	3n27	4 53	14 18	0 58	5 12	4 4	21 23	0 5	1 41	1 36	18 51	2 8	12 22	0 18	6 13	2 3	30 31	16 55	23 48	23 49	21 26		n.a.
S 19	14 36	8 23	4 26	13 27	0 49	5 36	4 11	21 31	0 4	1 40	1 36	18 52	2 8	12 22	0 18	6 12	2 3	30 32	16 55	23 48	23 49	21 28		n.a.
M20	14 17	12 53	3 47	12 35	0 40	5 59	4 19	21 40	0 2	1 38	1 36	18 54	2 8	12 23	0 18	6 12	2 3	30 32	16 55	23 48	23 49	21 29		n.a.
T 21	13 57	16 49	2 59	11 42	0 30	6 22	4 26	21 48	0 1	1 37	1 37	18 55	2 8	12 23	0 18	6 12	2 3	30 33	16 56	23 48	23 49	21 31		n.a.
W22	13 37	20 2	2 3	10 48	0 19	6 44	4 33	21 56	0s 0	1 35	1 37	18 56	2 8	12 24	0 18	6 11	2 3	30 34	16 56	23 48	23 49	21 32		n.a.
T 23	13 17	22 24	1 3	9 54	0 8	7 6	4 41	22 4	0 1	1 34	1 37	18 58	2 8	12 25	0 18	6 11	2 3	30 34	16 56	23 48	23 49	21 34		n.a.
F 24	12 57	23 48	0n 1	8 58	0n 3	7 27	4 48	22 11	0 2	1 32	1 37	18 59	2 8	12 25	0 18	6 11	2 3	30 35	16 56	23 48	23 49	21 36		n.a.
S 25	12 37	24 7	1 5	8 3	0 15	7 47	4 55	22 19	0 4	1 30	1 37	19 1	2 8	12 26	0 18	6 10	2 3	30 35	16 56	23 48	23 49	21 37		n.a.
S 26	12 16	23 17	2 7	7 8	0 27	8 7	5 3	22 26	0 5	1 28	1 37	19 2	2 8	12 26	0 18	6 10	2 3	30 36	16 56	23 48	23 49	21 39		n.a.
M27	11 55	21 18	3 4	6 13	0 39	8 27	5 10	22 33	0 6	1 26	1 38	19 3	2 8	12 27	0 18	6 10	2 3	30 36	16 55	23 48	23 49	21 40		n.a.
T 28	11s34	18n14	3n53	5s18	0n51	8n45	5n17	22s40	0s 8	1s24	1n38	19n 4	2n 8	12n28	0s18	6s 9	2n 3	30n37	16n55	23n48	23n49	21n42		n.a.

Julian Day Number = 1357665.5, Delta T = 07h01m44s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°49'29, Lahiri = -17°42'29 Julian Calendar 1 Feb. 996 BCE == Greg. Calendar 23 Jan. 996 BCE

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ASTRODIENST EPHEMERIS for the year 996 BCE
geocentric

MARCH 996 BCE (-995) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 56 40	1♓11'39	4♍26	16♓35	10♈12	12♐24	7°R 6	13°R25	3♉10	20°R18	21°R 0	1°R34	0♋22	15♊39	n.a.	W 1
T 2	10 0 37	2°10'26	17°41	18°19	10°39	13° 5	7♎ 1	13♌21	3°12	20♎17	20♌59	1♋24	0°19	15°46	n.a.	T 2
F 3	10 4 34	3° 9'10	1♎11	20° 0	11° 4	13°45	6°56	13°16	3°14	20°16	20°57	1°14	0°16	15°52	n.a.	F 3
S 4	10 8 30	4° 7'53	14°53	21°36	11°28	14°26	6°51	13°12	3°16	20°15	20°55	1° 5	0°13	15°59	n.a.	S 4
S 5	10 12 27	5° 6'34	28°43	23° 8	11°50	15° 6	6°45	13° 8	3°18	20°14	20°54	0°58	0° 9	16° 6	n.a.	S 5
M 6	10 16 23	6° 5'13	12♏41	24°36	12° 9	15°46	6°40	13° 4	3°21	20°13	20°52	0°53	0° 6	16°12	n.a.	M 6
T 7	10 20 20	7° 3'50	26°43	25°58	12°27	16°27	6°34	13° 0	3°23	20°12	20°51	0°51	0° 3	16°19	n.a.	T 7
W 8	10 24 16	8° 2'26	10♐49	27°16	12°43	17° 7	6°28	12°56	3°25	20°11	20°49	0°D50	29♊59	16°26	n.a.	W 8
T 9	10 28 13	9° 1'00	24°57	28°28	12°57	17°48	6°23	12°52	3°28	20° 9	20°47	0°R51	29°57	16°32	n.a.	T 9
F 10	10 32 9	9°59'32	9♑ 7	29°35	13° 9	18°28	6°16	12°48	3°30	20° 8	20°46	0°51	29°54	16°39	n.a.	F 10
S 11	10 36 6	10°58'03	23°17	0♈37	13°19	19° 8	6°10	12°44	3°32	20° 7	20°44	0°49	29°50	16°46	n.a.	S 11
S 12	10 40 2	11°56'31	7♒24	1°32	13°26	19°48	6° 4	12°40	3°35	20° 6	20°43	0°45	29°47	16°52	n.a.	S 12
M13	10 43 59	12°54'58	21°25	2°23	13°31	20°29	5°58	12°36	3°37	20° 5	20°41	0°37	29°44	16°59	n.a.	M13
T 14	10 47 56	13°53'23	5♓17	3° 7	13°34	21° 9	5°51	12°33	3°40	20° 4	20°40	0°28	29°41	17° 6	n.a.	T 14
W15	10 51 52	14°51'45	18°55	3°46	13°R35	21°49	5°45	12°29	3°42	20° 2	20°38	0°16	29°38	17°12	n.a.	W15
T 16	10 55 49	15°50'06	2♈16	4°18	13°33	22°29	5°38	12°26	3°45	20° 1	20°37	0° 4	29°35	17°19	n.a.	T 16
F 17	10 59 45	16°48'25	15°18	4°45	13°29	23° 9	5°31	12°22	3°48	20° 0	20°35	29♊52	29°31	17°26	n.a.	F 17
S 18	11 3 42	17°46'41	28° 1	5° 6	13°22	23°49	5°24	12°19	3°50	19°59	20°34	29°42	29°28	17°32	n.a.	S 18
S 19	11 7 38	18°44'56	10♉25	5°21	13°13	24°29	5°17	12°16	3°53	19°57	20°33	29°35	29°25	17°39	n.a.	S 19
M20	11 11 35	19°43'08	22°34	5°30	13° 1	25° 9	5°10	12°12	3°56	19°56	20°31	29°30	29°22	17°45	n.a.	M20
T 21	11 15 31	20°41'19	4♊31	5°R34	12°47	25°49	5° 3	12° 9	3°59	19°55	20°30	29°27	29°19	17°52	n.a.	T 21
W22	11 19 28	21°39'27	16°21	5°32	12°30	26°28	4°56	12° 6	4° 1	19°53	20°29	29°26	29°15	17°59	n.a.	W22
T 23	11 23 24	22°37'34	28° 9	5°24	12°12	27° 8	4°48	12° 3	4° 4	19°52	20°27	29°26	29°12	18° 5	n.a.	T 23
F 24	11 27 21	23°35'38	10♋ 1	5°12	11°50	27°48	4°41	12° 0	4° 7	19°51	20°26	29°26	29° 9	18°12	n.a.	F 24
S 25	11 31 18	24°33'40	22° 3	4°55	11°27	28°27	4°34	11°57	4°10	19°49	20°25	29°24	29° 6	18°19	n.a.	S 25
S 26	11 35 14	25°31'40	4♌18	4°33	11° 1	29° 7	4°26	11°55	4°13	19°48	20°23	29°20	29° 3	18°25	n.a.	S 26
M27	11 39 11	26°29'38	16°52	4° 8	10°33	29°46	4°19	11°52	4°16	19°46	20°22	29°14	29° 0	18°32	n.a.	M27
T 28	11 43 7	27°27'34	29°46	3°39	10° 4	0♑26	4°11	11°49	4°19	19°45	20°21	29° 5	28°56	18°39	n.a.	T 28
W29	11 47 4	28°25'28	13♍ 2	3° 7	9°32	1° 5	4° 4	11°47	4°22	19°43	20°20	28°55	28°53	18°45	n.a.	W29
T 30	11 51 0	29°23'21	26°39	2°32	8°59	1°45	3°56	11°44	4°25	19°42	20°18	28°43	28°50	18°52	n.a.	T 30
F 31	11 54 57	0♈21'11	10♎33	1♈57	8♈25	2♑24	3♎49	11♌42	4♉28	19♎40	20♌17	28♊31	28♊47	18♊59	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	11s13	14n14	4n31	4s25	1n 3	9n 3	5n24	22s47	0s 9	1s22	1n38	19n 6	2n 8	12n29	0s18	6s 9	2n 3	30n37	16n55	23n48	23n49	21n43			n.a.
T 2	10 52	9 27	4 55	3 33	1 15	9 20	5 31	22 54	0 10	1 20	1 38	19 7	2 8	12 29	0 18	6 9	2 3	30 38	16 55	23 48	23 49	21 45			n.a.
F 3	10 30	4 9	5 4	2 42	1 27	9 36	5 38	23 0	0 11	1 18	1 38	19 8	2 8	12 30	0 18	6 8	2 3	30 38	16 55	23 48	23 49	21 47			n.a.
S 4	10 9	1s25	4 55	1 53	1 38	9 52	5 44	23 6	0 13	1 15	1 38	19 9	2 8	12 31	0 18	6 8	2 4	30 39	16 55	23 49	23 49	21 48			n.a.
S 5	9 47	7 0	4 29	1 6	1 49	10 7	5 51	23 12	0 14	1 13	1 39	19 11	2 8	12 32	0 18	6 7	2 4	30 39	16 55	23 49	23 49	21 50			n.a.
M 6	9 25	12 17	3 47	0 21	2 0	10 20	5 57	23 18	0 16	1 11	1 39	19 12	2 8	12 32	0 18	6 7	2 4	30 40	16 55	23 49	23 49	21 51			n.a.
T 7	9 3	16 57	2 51	0n22	2 11	10 33	6 4	23 24	0 17	1 8	1 39	19 13	2 8	12 33	0 18	6 6	2 4	30 40	16 55	23 49	23 49	21 53			n.a.
W 8	8 41	20 41	1 45	1 2	2 20	10 45	6 10	23 29	0 18	1 6	1 39	19 14	2 8	12 34	0 18	6 6	2 4	30 41	16 55	23 49	23 49	21 54			n.a.
T 9	8 19	23 12	0 31	1 40	2 30	10 56	6 15	23 34	0 20	1 4	1 39	19 15	2 8	12 35	0 18	6 6	2 4	30 41	16 55	23 49	23 49	21 56			n.a.
F 10	7 56	24 13	0s44	2 14	2 38	11 6	6 21	23 39	0 21	1 1	1 39	19 16	2 8	12 36	0 18	6 5	2 4	30 42	16 55	23 49	23 49	21 57			n.a.
S 11	7 34	23 41	1 56	2 46	2 46	11 15	6 26	23 44	0 23	0 58	1 39	19 17	2 8	12 37	0 18	6 5	2 4	30 42	16 54	23 49	23 49	21 59			n.a.
S 12	7 11	21 37	3 1	3 15	2 52	11 22	6 31	23 49	0 24	0 56	1 39	19 18	2 8	12 37	0 18	6 4	2 4	30 42	16 54	23 49	23 49	22 0			n.a.
M13	6 49	18 16	3 55	3 41	2 58	11 29	6 36	23 54	0 26	0 53	1 39	19 19	2 8	12 38	0 18	6 4	2 4	30 43	16 54	23 49	23 49	22 2			n.a.
T 14	6 26	13 57	4 33	4 3	3 3	11 34	6 41	23 58	0 27	0 50	1 40	19 21	2 8	12 39	0 18	6 3	2 4	30 43	16 54	23 49	23 49	22 3			n.a.
W15	6 3	8 58	4 56	4 22	3 7	11 38	6 45	24 2	0 29	0 48	1 40	19 21	2 7	12 40	0 18	6 3	2 4	30 43	16 54	23 49	23 49	22 5			n.a.
T 16	5 40	3 41	5 1	4 38	3 10	11 41	6 48	24 6	0 30	0 45	1 40	19 22	2 7	12 41	0 18	6 2	2 4	30 44	16 54	23 49	23 49	22 6			n.a.
F 17	5 17	1n39	4 51	4 50	3 12	11 42	6 52	24 10	0 32	0 42	1 40	19 23	2 7	12 42	0 18	6 2	2 4	30 44	16 53	23 49	23 49	22 8			n.a.
S 18	4 54	6 48	4 26	4 59	3 12	11 42	6 55	24 13	0 33	0 39	1 40	19 24	2 7	12 43	0 18	6 1	2 4	30 44	16 53	23 49	23 49	22 9			n.a.
S 19	4 31	11 33	3 49	5 5	3 11	11 40	6 57	24 17	0 35	0 36	1 40	19 25	2 7	12 44	0 18	6 0	2 4	30 45	16 53	23 49	23 49	22 11			n.a.
M20	4 8	15 46	3 2	5 7	3 9	11 37	6 59	24 20	0 37	0 34	1 40	19 26	2 7	12 45	0 18	6 0	2 4	30 45	16 53	23 49	23 49	22 12			n.a.
T 21	3 45	19 17	2 8	5 5	3 6	11 33	7 0	24 23	0 38	0 31	1 40	19 27	2 7	12 46	0 18	5 59	2 4	30 45	16 53	23 49	23 49	22 14			n.a.
W22	3 22	21 58	1 9	5 0	3 2	11 27	7 1	24 26	0 40	0 28	1 40	19 28	2 7	12 47	0 18	5 59	2 4	30 45	16 52	23 49	23 49	22 15			n.a.
T 23	2 58	23 41	0 7	4 51	2 56	11 20	7 1	24 29	0 42	0 25	1 40	19 28	2 7	12 48	0 18	5 58	2 4	30 46	16 52	23 49	23 49	22 17			n.a.
F 24	2 35	24 21	0n56	4 40	2 48	11 11	7 0	24 31	0 43	0 22	1 40	19 29	2 7	12 49	0 18	5 58	2 4	30 46	16 52	23 49	23 49	22 18			n.a.
S 25	2 12	23 54	1 57	4 25	2 40	11 0	6 59	24 33	0 45	0 19	1 40	19 30	2 7	12 50	0 18	5 57	2 4	30 46	16 52	23 49	23 49	22 20			n.a.
S 26	1 48	22 17	2 53	4 7	2 30	10 48	6 57	24 35	0 47	0 16	1 40	19 31	2 7	12 51	0 18	5 57	2 4	30 46	16 51	23 49	23 49	22 21			n.a.
M27	1 25	19 34	3 43	3 47	2 19	10 34	6 55	24 37	0 48	0 13	1 40	19 31	2 7	12 52	0 18	5 56	2 4	30 47	16 51	23 49	23 49	22 23			n.a.
T 28	1 2	15 49	4 23	3 24	2 6	10 19	6 51	24 39	0 50	0 10	1 40	19 32	2 6	12 53	0 18	5 55	2 4	30 47	16 51	23 49	23 49	22 24			n.a.
W29	0 38	11 12	4 49	2 59	1 53	10 3	6 47	24 41	0 52	0 7	1 40	19 33	2 6	12 54	0 18	5 55	2 4	30 47	16 50	23 49	23 49	22 26			n.a.
T 30	0 15	5 56	5 0	2 32	1 39	9 45	6 42	24 42	0 54	0 4	1 40	19 33	2 6	12 55	0 18	5 54	2 5	30 47	16 50	23 48	23 49	22 27			n.a.
F 31	0n 9	0n15	4n54	2n 4	1n24	9n26	6n36	24s43	0s56	0s 1	1n40	19n34	2n 6	12n56	0s18	5s54	2n 5	30n47	16n50	23n48	23n49	22n28			n.a.

Julian Day Number = 1357693.5, Delta T = 07h01m43s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°49'25, Lahiri = -17°42'25 Julian Calendar 1 March 996 BCE == Greg. Calendar 20 Feb. 996 BCE

The year -995 astronomical counting style corresponds to year 996 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 996 BCE
geocentric

APRIL 996 BCE (-995) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 58 53	1♈19'00	24♎41	1°R20	7°R49	3♑ 3	3°R41	11°R40	4♉31	19°R39	20°R16	28°R20	28♊44	19♊ 5	n.a.	S 1
S 2	12 2 50	2°16'48	8♏57	0♈42	7♈13	3°42	3♎33	11♌38	4°34	19♎37	20♌15	28♊11	28°40	19°12	n.a.	S 2
M 3	12 6 47	3°14'34	23°16	0° 6	6°35	4°21	3°26	11°36	4°37	19°36	20°14	28° 6	28°37	19°19	n.a.	M 3
T 4	12 10 43	4°12'19	7♐34	29♓29	5°58	5° 1	3°18	11°34	4°40	19°34	20°13	28° 3	28°34	19°25	n.a.	T 4
W 5	12 14 40	5°10'03	21°48	28°55	5°20	5°39	3°11	11°32	4°43	19°33	20°12	28° 2	28°31	19°32	n.a.	W 5
T 6	12 18 36	6° 7'46	5♑56	28°23	4°42	6°18	3° 3	11°30	4°47	19°31	20°11	28° 2	28°28	19°38	n.a.	T 6
F 7	12 22 33	7° 5'27	19°57	27°53	4° 4	6°57	2°55	11°28	4°50	19°30	20°10	28° 1	28°25	19°45	n.a.	F 7
S 8	12 26 29	8° 3'07	3♒51	27°26	3°26	7°36	2°48	11°27	4°53	19°28	20° 9	27°59	28°21	19°52	n.a.	S 8
S 9	12 30 26	9° 0'46	17°37	27° 3	2°50	8°15	2°40	11°25	4°56	19°26	20° 8	27°55	28°18	19°58	n.a.	S 9
M10	12 34 22	9°58'24	1♓14	26°44	2°14	8°53	2°33	11°24	5° 0	19°25	20° 7	27°48	28°15	20° 5	n.a.	M10
T 11	12 38 19	10°56'00	14°40	26°28	1°40	9°31	2°25	11°23	5° 3	19°23	20° 6	27°38	28°12	20°12	n.a.	T 11
W12	12 42 16	11°53'36	27°55	26°17	1° 7	10°10	2°18	11°22	5° 6	19°22	20° 5	27°27	28° 9	20°18	n.a.	W12
T 13	12 46 12	12°51'09	10♈56	26°10	0°35	10°48	2°10	11°20	5° 9	19°20	20° 4	27°14	28° 6	20°25	n.a.	T 13
F 14	12 50 9	13°48'42	23°42	26°D 8	0° 5	11°26	2° 3	11°19	5°13	19°18	20° 3	27° 3	28° 2	20°32	n.a.	F 14
S 15	12 54 5	14°46'13	6♉13	26°10	29♓37	12° 4	1°55	11°19	5°16	19°17	20° 2	26°52	27°59	20°38	n.a.	S 15
S 16	12 58 2	15°43'43	18°30	26°17	29°11	12°42	1°48	11°18	5°20	19°15	20° 2	26°44	27°56	20°45	n.a.	S 16
M17	13 1 58	16°41'12	0♊34	26°28	28°48	13°20	1°41	11°17	5°23	19°14	20° 1	26°39	27°53	20°52	n.a.	M17
T 18	13 5 55	17°38'39	12°29	26°44	28°26	13°58	1°34	11°17	5°26	19°12	20° 0	26°36	27°50	20°58	n.a.	T 18
W19	13 9 51	18°36'05	24°17	27° 4	28° 6	14°35	1°27	11°16	5°30	19°10	20° 0	26°D35	27°46	21° 5	n.a.	W19
T 20	13 13 48	19°33'30	6♋ 5	27°29	27°49	15°13	1°20	11°16	5°33	19° 9	19°59	26°35	27°43	21°12	n.a.	T 20
F 21	13 17 45	20°30'53	17°57	27°58	27°34	15°50	1°13	11°15	5°37	19° 7	19°58	26°R35	27°40	21°18	n.a.	F 21
S 22	13 21 41	21°28'15	29°58	28°31	27°22	16°27	1° 6	11°15	5°40	19° 5	19°58	26°35	27°37	21°25	n.a.	S 22
S 23	13 25 38	22°25'35	12♌15	29° 8	27°12	17° 4	0°59	11°D15	5°43	19° 4	19°57	26°33	27°34	21°31	n.a.	S 23
M24	13 29 34	23°22'54	24°51	29°49	27° 4	17°41	0°53	11°15	5°47	19° 2	19°57	26°29	27°31	21°38	n.a.	M24
T 25	13 33 31	24°20'12	7♍50	0♈33	26°59	18°18	0°46	11°15	5°50	19° 1	19°56	26°23	27°27	21°45	n.a.	T 25
W26	13 37 27	25°17'29	21°14	1°22	26°56	18°55	0°40	11°15	5°54	18°59	19°56	26°15	27°24	21°51	n.a.	W26
T 27	13 41 24	26°14'44	5♎ 4	2°14	26°D56	19°31	0°34	11°16	5°57	18°57	19°55	26° 5	27°21	21°58	n.a.	T 27
F 28	13 45 20	27°11'59	19°16	3°10	26°58	20° 8	0°28	11°16	6° 1	18°56	19°55	25°56	27°18	22° 5	n.a.	F 28
S 29	13 49 17	28° 9'13	3♏45	4° 9	27° 2	20°44	0°21	11°17	6° 4	18°54	19°54	25°48	27°15	22°11	n.a.	S 29
S 30	13 53 14	29♈ 6'26	18♏25	5♈11	27♓ 8	21♑20	0♎16	11♌17	6♉ 8	18♎53	19♌54	25♊41	27♊12	22♊18	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n32	5s32	4n30	1n34	1n 8	9n 6	6n30	24s44	0s57	0n 2	1n40	19n34	2n 6	12n57	0s18	5s53	2n 5	30n47	16n49	23n48	23n48	22n30		n.a.
S 2	0 55	11 6	3 49	1 4	0 52	8 44	6 22	24 45	0 59	0 5	1 40	19 35	2 6	12 58	0 18	5 52	2 5	30 47	16 49	23 48	23 48	22 31		n.a.
M 3	1 19	16 6	2 53	0 34	0 35	8 22	6 14	24 46	1 1	0 8	1 40	19 35	2 6	12 59	0 18	5 52	2 5	30 47	16 49	23 48	23 48	22 33		n.a.
T 4	1 42	20 10	1 46	0 4	0 18	7 59	6 6	24 46	1 3	0 11	1 40	19 36	2 6	13 0	0 18	5 51	2 5	30 47	16 48	23 48	23 48	22 34		n.a.
W 5	2 5	23 0	0 33	0s25	0 1	7 35	5 56	24 46	1 5	0 14	1 40	19 36	2 6	13 1	0 18	5 51	2 5	30 47	16 48	23 48	23 48	22 35		n.a.
T 6	2 28	24 22	0s42	0 54	0s16	7 10	5 46	24 46	1 7	0 17	1 40	19 36	2 5	13 2	0 18	5 50	2 5	30 47	16 48	23 48	23 48	22 37		n.a.
F 7	2 51	24 10	1 53	1 21	0 32	6 45	5 35	24 46	1 9	0 20	1 40	19 37	2 5	13 4	0 17	5 49	2 5	30 48	16 47	23 48	23 48	22 38		n.a.
S 8	3 15	22 28	2 57	1 46	0 48	6 20	5 24	24 46	1 11	0 23	1 40	19 37	2 5	13 5	0 17	5 49	2 5	30 48	16 47	23 48	23 48	22 40		n.a.
S 9	3 38	19 27	3 51	2 10	1 4	5 54	5 12	24 46	1 13	0 26	1 39	19 37	2 5	13 6	0 17	5 48	2 5	30 47	16 47	23 48	23 48	22 41		n.a.
M10	4 1	15 24	4 30	2 32	1 19	5 29	5 0	24 45	1 15	0 29	1 39	19 38	2 5	13 7	0 17	5 48	2 5	30 47	16 46	23 48	23 48	22 42		n.a.
T 11	4 24	10 38	4 54	2 51	1 33	5 3	4 47	24 44	1 17	0 32	1 39	19 38	2 5	13 8	0 17	5 47	2 5	30 47	16 46	23 48	23 48	22 44		n.a.
W12	4 46	5 26	5 1	3 8	1 47	4 38	4 34	24 44	1 19	0 35	1 39	19 38	2 5	13 9	0 17	5 46	2 5	30 47	16 46	23 47	23 48	22 45		n.a.
T 13	5 9	0 5	4 53	3 22	1 59	4 13	4 21	24 43	1 21	0 38	1 39	19 38	2 5	13 10	0 17	5 46	2 5	30 47	16 45	23 47	23 48	22 46		n.a.
F 14	5 32	5n10	4 30	3 34	2 11	3 48	4 7	24 41	1 23	0 41	1 39	19 38	2 4	13 11	0 17	5 45	2 5	30 47	16 45	23 47	23 48	22 48		n.a.
S 15	5 54	10 8	3 54	3 43	2 22	3 24	3 53	24 40	1 25	0 44	1 39	19 39	2 4	13 13	0 17	5 45	2 5	30 47	16 44	23 47	23 48	22 49		n.a.
S 16	6 17	14 36	3 8	3 49	2 32	3 1	3 39	24 38	1 27	0 47	1 39	19 39	2 4	13 14	0 17	5 44	2 5	30 47	16 44	23 46	23 48	22 51		n.a.
M17	6 39	18 25	2 14	3 53	2 41	2 39	3 26	24 37	1 29	0 49	1 38	19 39	2 4	13 15	0 17	5 43	2 5	30 47	16 44	23 46	23 48	22 52		n.a.
T 18	7 2	21 25	1 14	3 53	2 49	2 17	3 12	24 35	1 31	0 52	1 38	19 39	2 4	13 16	0 17	5 43	2 5	30 47	16 43	23 46	23 48	22 53		n.a.
W19	7 24	23 29	0 12	3 52	2 56	1 57	2 58	24 33	1 34	0 55	1 38	19 39	2 4	13 17	0 17	5 42	2 5	30 47	16 43	23 46	23 48	22 55		n.a.
T 20	7 46	24 31	0n51	3 47	3 2	1 37	2 44	24 31	1 36	0 57	1 38	19 39	2 4	13 18	0 17	5 41	2 5	30 46	16 42	23 46	23 48	22 56		n.a.
F 21	8 8	24 26	1 52	3 40	3 7	1 18	2 30	24 29	1 38	1 0	1 38	19 39	2 3	13 20	0 17	5 41	2 5	30 46	16 42	23 46	23 48	22 57		n.a.
S 22	8 30	23 13	2 48	3 31	3 11	1 1	2 16	24 26	1 40	1 3	1 38	19 39	2 3	13 21	0 17	5 40	2 5	30 46	16 41	23 46	23 48	22 58		n.a.
S 23	8 52	20 53	3 39	3 19	3 14	0 45	2 3	24 24	1 42	1 5	1 38	19 38	2 3	13 22	0 17	5 40	2 5	30 46	16 41	23 46	23 47	23 0		n.a.
M24	9 13	17 31	4 20	3 5	3 17	0 30	1 50	24 21	1 45	1 8	1 37	19 38	2 3	13 23	0 17	5 39	2 5	30 46	16 40	23 46	23 47	23 1		n.a.
T 25	9 35	13 13	4 49	2 48	3 18	0 16	1 37	24 18	1 47	1 10	1 37	19 38	2 3	13 24	0 17	5 38	2 5	30 45	16 40	23 46	23 47	23 2		n.a.
W26	9 56	8 10	5 4	2 29	3 19	0 3	1 24	24 16	1 49	1 13	1 37	19 38	2 3	13 25	0 17	5 38	2 5	30 45	16 40	23 46	23 47	23 4		n.a.
T 27	10 17	2 33	5 1	2 8	3 19	0s 9	1 11	24 13	1 52	1 15	1 37	19 38	2 3	13 27	0 17	5 37	2 5	30 45	16 39	23 45	23 47	23 5		n.a.
F 28	10 38	3s21	4 40	1 45	3 18	0 19	0 59	24 9	1 54	1 17	1 37	19 37	2 2	13 28	0 17	5 37	2 5	30 44	16 39	23 45	23 47	23 6		n.a.
S 29	10 59	9 11	4 1	1 19	3 16	0 28	0 47	24 6	1 56	1 19	1 36	19 37	2 2	13 29	0 17	5 36	2 5	30 44	16 38	23 45	23 47	23 8		n.a.
S 30	11n20	14s37	3n 6	0s52	3s14	0s36	0n36	24s 3	1s59	1n22	1n36	19n37	2n 2	13n30	0s17	5s35	2n 5	30n44	16n38	23n45	23n47	23n 9		n.a.

Julian Day Number = 1357724.5, Delta T = 07h01m41s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°49'21, Lahiri = -17°42'21 Julian Calendar 1 Apr. 996 BCE == Greg. Calendar 23 March 996 BCE

The year -995 astronomical counting style corresponds to year 996 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 996 BCE
geocentric

MAY 996 BCE (-995) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 57 10	0♉ 3'38	3♐ 9	6♈17	27♓17	21♑56	0°R10	11♌18	6♉11	18°R51	19°R54	25°R37	27♊ 8	22♊25	n.a.	M 1
T 2	14 1 7	1° 0'50	17°49	7°26	27°28	22°32	0♎ 4	11°19	6°15	18♎49	19♌54	25♊35	27° 5	22°31	n.a.	T 2
W 3	14 5 3	1°58'01	2♑20	8°38	27°41	23° 7	29♍58	11°20	6°19	18°48	19°53	25°D35	27° 2	22°38	n.a.	W 3
T 4	14 9 0	2°55'12	16°39	9°54	27°55	23°43	29°53	11°21	6°22	18°46	19°53	25°36	26°59	22°45	n.a.	T 4
F 5	14 12 56	3°52'22	0♒43	11°12	28°12	24°18	29°48	11°22	6°26	18°45	19°53	25°R37	26°56	22°51	n.a.	F 5
S 6	14 16 53	4°49'32	14°33	12°34	28°31	24°53	29°43	11°23	6°29	18°43	19°53	25°36	26°52	22°58	n.a.	S 6
S 7	14 20 49	5°46'42	28° 7	13°58	28°51	25°28	29°38	11°24	6°33	18°42	19°53	25°34	26°49	23° 5	n.a.	S 7
M 8	14 24 46	6°43'52	11♓27	15°26	29°14	26° 3	29°33	11°26	6°36	18°40	19°53	25°30	26°46	23°11	n.a.	M 8
T 9	14 28 43	7°41'01	24°34	16°56	29°38	26°37	29°28	11°27	6°40	18°39	19°52	25°24	26°43	23°18	n.a.	T 9
W10	14 32 39	8°38'09	7♈27	18°29	0♈ 3	27°11	29°23	11°29	6°43	18°37	19°D52	25°16	26°40	23°24	n.a.	W10
T 11	14 36 36	9°35'18	20° 8	20° 6	0°30	27°45	29°19	11°31	6°47	18°36	19°52	25° 8	26°37	23°31	n.a.	T 11
F 12	14 40 32	10°32'26	2♉36	21°45	0°59	28°19	29°15	11°33	6°50	18°34	19°52	25° 0	26°33	23°38	n.a.	F 12
S 13	14 44 29	11°29'34	14°52	23°27	1°29	28°53	29°11	11°34	6°54	18°33	19°53	24°54	26°30	23°44	n.a.	S 13
S 14	14 48 25	12°26'41	26°58	25°12	2° 1	29°26	29° 7	11°36	6°57	18°31	19°53	24°49	26°27	23°51	n.a.	S 14
M15	14 52 22	13°23'48	8♊55	26°59	2°34	29°59	29° 3	11°39	7° 1	18°30	19°53	24°45	26°24	23°58	n.a.	M15
T 16	14 56 18	14°20'55	20°46	28°50	3° 8	0♒32	28°59	11°41	7° 4	18°28	19°53	24°D44	26°21	24° 4	n.a.	T 16
W17	15 0 15	15°18'01	2♋33	0♉43	3°43	1° 5	28°56	11°43	7° 8	18°27	19°53	24°44	26°17	24°11	n.a.	W17
T 18	15 4 12	16°15'07	14°20	2°38	4°20	1°37	28°53	11°45	7°12	18°26	19°53	24°45	26°14	24°18	n.a.	T 18
F 19	15 8 8	17°12'12	26°12	4°36	4°58	2° 9	28°50	11°48	7°15	18°24	19°54	24°47	26°11	24°24	n.a.	F 19
S 20	15 12 5	18° 9'17	8♌13	6°36	5°37	2°41	28°47	11°50	7°19	18°23	19°54	24°48	26° 8	24°31	n.a.	S 20
S 21	15 16 1	19° 6'22	20°28	8°38	6°17	3°13	28°44	11°53	7°22	18°22	19°54	24°R49	26° 5	24°38	n.a.	S 21
M22	15 19 58	20° 3'26	3♍ 2	10°42	6°58	3°44	28°41	11°56	7°25	18°20	19°55	24°48	26° 2	24°44	n.a.	M22
T 23	15 23 54	21° 0'30	16° 0	12°48	7°40	4°15	28°39	11°59	7°29	18°19	19°55	24°46	25°58	24°51	n.a.	T 23
W24	15 27 51	21°57'33	29°24	14°55	8°23	4°45	28°37	12° 2	7°32	18°18	19°56	24°42	25°55	24°57	n.a.	W24
T 25	15 31 48	22°54'36	13♎16	17° 3	9° 7	5°16	28°35	12° 5	7°36	18°16	19°56	24°38	25°52	25° 4	n.a.	T 25
F 26	15 35 44	23°51'39	27°33	19°13	9°51	5°46	28°33	12° 8	7°39	18°15	19°57	24°33	25°49	25°11	n.a.	F 26
S 27	15 39 41	24°48'42	12♏13	21°22	10°37	6°16	28°31	12°11	7°43	18°14	19°57	24°29	25°46	25°17	n.a.	S 27
S 28	15 43 37	25°45'46	27° 8	23°32	11°23	6°45	28°30	12°14	7°46	18°13	19°58	24°26	25°43	25°24	n.a.	S 28
M29	15 47 34	26°42'49	12♐11	25°42	12°11	7°14	28°29	12°18	7°50	18°12	19°58	24°25	25°39	25°31	n.a.	M29
T 30	15 51 30	27°39'53	27°12	27°52	12°59	7°43	28°27	12°21	7°53	18°10	19°59	24°D24	25°36	25°37	n.a.	T 30
W31	15 55 27	28♉36'57	12♑ 3	0♊ 2	13♈48	8♒11	28♍26	12♌25	7♉56	18♎ 9	19♌59	24♊25	25♊33	25♊44	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11n40	19s12	1n57	0s23	3s11	0s43	0n25	23s59	2s 1	1n24	1n36	19n36	2n 2	13n31	0s17	5s35	2n 5	30n44	16n37	23n44	23n47	23n10			n.a.
T 2	12 0	22 33	0 42	0n 8	3 7	0 49	0 14	23 56	2 4	1 26	1 36	19 36	2 2	13 33	0 17	5 34	2 5	30 43	16 37	23 44	23 47	23 11			n.a.
W 3	12 21	24 24	0s36	0 41	3 3	0 53	0 3	23 52	2 6	1 28	1 35	19 36	2 2	13 34	0 17	5 34	2 5	30 43	16 36	23 44	23 47	23 13			n.a.
T 4	12 41	24 35	1 51	1 16	2 57	0 57	0s 7	23 48	2 9	1 30	1 35	19 35	2 1	13 35	0 17	5 33	2 5	30 42	16 36	23 44	23 47	23 14			n.a.
F 5	13 0	23 12	2 58	1 52	2 52	0 59	0 17	23 44	2 11	1 32	1 35	19 35	2 1	13 36	0 17	5 32	2 5	30 42	16 35	23 44	23 47	23 15			n.a.
S 6	13 20	20 25	3 53	2 30	2 45	1 0	0 27	23 40	2 14	1 34	1 35	19 34	2 1	13 37	0 17	5 32	2 5	30 42	16 35	23 44	23 47	23 16			n.a.
S 7	13 39	16 34	4 33	3 10	2 38	1 1	0 36	23 36	2 16	1 35	1 34	19 34	2 1	13 39	0 17	5 31	2 5	30 41	16 34	23 44	23 47	23 18			n.a.
M 8	13 58	11 58	4 59	3 51	2 31	1 0	0 45	23 32	2 19	1 37	1 34	19 33	2 1	13 40	0 17	5 31	2 5	30 41	16 34	23 44	23 46	23 19			n.a.
T 9	14 17	6 53	5 8	4 34	2 23	0 58	0 54	23 28	2 21	1 39	1 34	19 33	2 1	13 41	0 17	5 30	2 4	30 40	16 33	23 44	23 46	23 20			n.a.
W10	14 36	1 36	5 1	5 18	2 14	0 55	1 2	23 24	2 24	1 40	1 34	19 32	2 1	13 42	0 17	5 30	2 4	30 40	16 33	23 44	23 46	23 21			n.a.
T 11	14 55	3n41	4 39	6 3	2 5	0 52	1 10	23 20	2 27	1 42	1 33	19 31	2 0	13 43	0 17	5 29	2 4	30 40	16 33	23 43	23 46	23 22			n.a.
F 12	15 13	8 44	4 5	6 49	1 56	0 47	1 17	23 15	2 29	1 43	1 33	19 31	2 0	13 44	0 17	5 28	2 4	30 39	16 32	23 43	23 46	23 24			n.a.
S 13	15 31	13 23	3 19	7 36	1 46	0 42	1 25	23 11	2 32	1 45	1 33	19 30	2 0	13 46	0 17	5 28	2 4	30 39	16 32	23 43	23 46	23 25			n.a.
S 14	15 49	17 26	2 25	8 25	1 36	0 35	1 32	23 6	2 35	1 46	1 33	19 29	2 0	13 47	0 17	5 27	2 4	30 38	16 31	23 43	23 46	23 26			n.a.
M15	16 6	20 44	1 25	9 14	1 25	0 28	1 39	23 2	2 37	1 47	1 32	19 29	2 0	13 48	0 17	5 27	2 4	30 38	16 31	23 42	23 46	23 27			n.a.
T 16	16 24	23 8	0 22	10 4	1 15	0 20	1 45	22 57	2 40	1 49	1 32	19 28	2 0	13 49	0 17	5 26	2 4	30 37	16 30	23 42	23 46	23 28			n.a.
W17	16 41	24 30	0n42	10 54	1 4	0 12	1 51	22 52	2 43	1 50	1 32	19 27	2 0	13 50	0 17	5 26	2 4	30 37	16 30	23 42	23 46	23 30			n.a.
T 18	16 57	24 46	1 45	11 45	0 53	0 2	1 57	22 48	2 46	1 51	1 31	19 26	1 59	13 52	0 17	5 25	2 4	30 36	16 29	23 43	23 46	23 31			n.a.
F 19	17 14	23 55	2 43	12 36	0 41	0n 8	2 3	22 43	2 48	1 52	1 31	19 25	1 59	13 53	0 17	5 25	2 4	30 35	16 29	23 43	23 45	23 32			n.a.
S 20	17 30	21 57	3 35	13 27	0 30	0 18	2 8	22 38	2 51	1 53	1 31	19 25	1 59	13 54	0 17	5 24	2 4	30 35	16 28	23 43	23 45	23 33			n.a.
S 21	17 46	18 58	4 18	14 18	0 19	0 30	2 13	22 34	2 54	1 54	1 31	19 24	1 59	13 55	0 17	5 24	2 4	30 34	16 28	23 43	23 45	23 34			n.a.
M22	18 2	15 3	4 51	15 9	0 8	0 42	2 18	22 29	2 57	1 54	1 30	19 23	1 59	13 56	0 17	5 23	2 4	30 34	16 27	23 43	23 45	23 35			n.a.
T 23	18 17	10 20	5 9	15 58	0n 3	0 54	2 23	22 24	3 0	1 55	1 30	19 22	1 59	13 57	0 17	5 23	2 4	30 33	16 27	23 43	23 45	23 37			n.a.
W24	18 33	4 59	5 12	16 47	0 14	1 8	2 27	22 19	3 3	1 56	1 30	19 21	1 59	13 58	0 17	5 22	2 4	30 32	16 26	23 42	23 45	23 38			n.a.
T 25	18 47	0s46	4 56	17 35	0 25	1 21	2 31	22 15	3 6	1 56	1 29	19 20	1 58	14 0	0 17	5 22	2 4	30 32	16 26	23 42	23 45	23 39			n.a.
F 26	19 2	6 41	4 23	18 21	0 35	1 36	2 35	22 10	3 8	1 57	1 29	19 19	1 58	14 1	0 17	5 22	2 4	30 31	16 25	23 42	23 45	23 40			n.a.
S 27	19 16	12 24	3 31	19 6	0 44	1 50	2 39	22 5	3 11	1 57	1 29	19 18	1 58	14 2	0 17	5 21	2 4	30 31	16 25	23 42	23 45	23 41			n.a.
S 28	19 30	17 29	2 24	19 49	0 53	2 6	2 42	22 0	3 14	1 57	1 29	19 17	1 58	14 3	0 17	5 21	2 4	30 30	16 24	23 42	23 45	23 42			n.a.
M29	19 44	21 30	1 7	20 29	1 2	2 21	2 45	21 56	3 17	1 58	1 28	19 16	1 58	14 4	0 17	5 20	2 4	30 29	16 24	23 42	23 44	23 43			n.a.
T 30	19 57	24 2	0s15	21 8	1 10	2 38	2 48	21 51	3 20	1 58	1 28	19 15	1 58	14 5	0 17	5 20	2 4	30 29	16 23	23 42	23 44	23 45			n.a.
W31	20n10	24s51	1s36	21n44	1n18	2n54	2s51	21s46	3s24	1n58	1n28	19n13	1n58	14n 6	0s17	5s20	2n 4	30n28	16n23	23n42	23n44	23n46			n.a.

Julian Day Number = 1357754.5, Delta T = 07h01m40s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°49'17, Lahiri = -17°42'17 Julian Calendar 1 May 996 BCE == Greg. Calendar 22 Apr. 996 BCE

The year -995 astronomical counting style corresponds to year 996 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 996 BCE
geocentric

JUNE 996 BCE (-995) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 59 23	29♉34'01	26♋39	2♊10	14♈37	8♒39	28°R26	12♌28	8♉ 0	18°R 8	20♌ 0	24♊26	25♊30	25♊51	n.a.	T 1
F 2	16 3 20	0♊31'06	10♒55	4°18	15°27	9° 7	28♍25	12°32	8° 3	18♎ 7	20° 1	24°28	25°27	25°57	n.a.	F 2
S 3	16 7 17	1°28'12	24°50	6°25	16°18	9°34	28°25	12°36	8° 6	18° 6	20° 2	24°28	25°23	26° 4	n.a.	S 3
S 4	16 11 13	2°25'18	8♓23	8°30	17°10	10° 1	28°24	12°40	8°10	18° 5	20° 2	24°R28	25°20	26°11	n.a.	S 4
M 5	16 15 10	3°22'25	21°36	10°34	18° 2	10°28	28°D24	12°43	8°13	18° 4	20° 3	24°27	25°17	26°17	n.a.	M 5
T 6	16 19 6	4°19'32	4♈31	12°37	18°55	10°54	28°24	12°47	8°16	18° 3	20° 4	24°26	25°14	26°24	n.a.	T 6
W 7	16 23 3	5°16'40	17° 9	14°38	19°48	11°19	28°25	12°52	8°19	18° 2	20° 5	24°23	25°11	26°31	n.a.	W 7
T 8	16 26 59	6°13'49	29°34	16°37	20°42	11°45	28°25	12°56	8°23	18° 1	20° 6	24°20	25° 8	26°37	n.a.	T 8
F 9	16 30 56	7°10'59	11♉47	18°34	21°36	12° 9	28°26	13° 0	8°26	18° 0	20° 7	24°18	25° 4	26°44	n.a.	F 9
S 10	16 34 52	8° 8'09	23°50	20°30	22°31	12°34	28°27	13° 4	8°29	17°59	20° 8	24°16	25° 1	26°50	n.a.	S 10
S 11	16 38 49	9° 5'20	5♊46	22°24	23°26	12°57	28°28	13° 9	8°32	17°58	20° 9	24°14	24°58	26°57	n.a.	S 11
M12	16 42 46	10° 2'32	17°37	24°17	24°22	13°21	28°29	13°13	8°35	17°57	20°10	24°13	24°55	27° 4	n.a.	M12
T 13	16 46 42	10°59'44	29°24	26° 7	25°19	13°43	28°30	13°18	8°39	17°57	20°11	24°D13	24°52	27°10	n.a.	T 13
W14	16 50 39	11°56'57	11♋11	27°56	26°15	14° 6	28°32	13°22	8°42	17°56	20°12	24°14	24°49	27°17	n.a.	W14
T 15	16 54 35	12°54'10	22°59	29°43	27°13	14°27	28°34	13°27	8°45	17°55	20°13	24°15	24°45	27°24	n.a.	T 15
F 16	16 58 32	13°51'24	4♌53	1♋28	28°10	14°49	28°36	13°32	8°48	17°54	20°14	24°16	24°42	27°30	n.a.	F 16
S 17	17 2 28	14°48'39	16°56	3°12	29° 8	15° 9	28°38	13°37	8°51	17°54	20°15	24°17	24°39	27°37	n.a.	S 17
S 18	17 6 25	15°45'54	29°12	4°53	0♉ 7	15°29	28°40	13°42	8°54	17°53	20°17	24°17	24°36	27°44	n.a.	S 18
M19	17 10 22	16°43'09	11♍45	6°33	1° 6	15°49	28°43	13°47	8°57	17°52	20°18	24°R18	24°33	27°50	n.a.	M19
T 20	17 14 18	17°40'26	24°39	8°11	2° 5	16° 8	28°45	13°52	9° 0	17°52	20°19	24°18	24°29	27°57	n.a.	T 20
W21	17 18 15	18°37'42	7♎58	9°47	3° 4	16°26	28°48	13°57	9° 3	17°51	20°20	24°17	24°26	28° 4	n.a.	W21
T 22	17 22 11	19°35'00	21°43	11°22	4° 4	16°44	28°51	14° 2	9° 6	17°50	20°22	24°17	24°23	28°10	n.a.	T 22
F 23	17 26 8	20°32'18	5♏54	12°55	5° 5	17° 1	28°54	14° 7	9° 8	17°50	20°23	24°16	24°20	28°17	n.a.	F 23
S 24	17 30 4	21°29'37	20°31	14°26	6° 5	17°18	28°57	14°13	9°11	17°49	20°24	24°16	24°17	28°23	n.a.	S 24
S 25	17 34 1	22°26'57	5♐27	15°55	7° 6	17°34	29° 1	14°18	9°14	17°49	20°26	24°16	24°14	28°30	n.a.	S 25
M26	17 37 57	23°24'18	20°35	17°22	8° 7	17°49	29° 5	14°23	9°17	17°48	20°27	24°D16	24°10	28°37	n.a.	M26
T 27	17 41 54	24°21'40	5♑47	18°48	9° 9	18° 4	29° 8	14°29	9°20	17°48	20°29	24°R16	24° 7	28°43	n.a.	T 27
W28	17 45 51	25°19'03	20°54	20°12	10°11	18°18	29°12	14°35	9°22	17°48	20°30	24°16	24° 4	28°50	n.a.	W28
T 29	17 49 47	26°16'28	5♒45	21°33	11°13	18°31	29°16	14°40	9°25	17°47	20°32	24°16	24° 1	28°57	n.a.	T 29
F 30	17 53 44	27♊13'54	20♒16	22♋53	12♉15	18♒43	29♍21	14♌46	9♉28	17♎47	20♌33	24♊16	23♊58	29♊ 3	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n22	23s54	2s48	22n18	1n24	3n11	2s54	21s42	3s27	1n58	1n27	19n12	1n57	14n 7	0s17	5s19	2n 4	30n27	16n22	23n42	23n44	23n47		n.a.
F 2	20 35	21 25	3 49	22 49	1 30	3 29	2 56	21 37	3 30	1 58	1 27	19 11	1 57	14 9	0 17	5 19	2 4	30 27	16 22	23 42	23 44	23 48		n.a.
S 3	20 47	17 44	4 34	23 17	1 36	3 46	2 58	21 33	3 33	1 58	1 27	19 10	1 57	14 10	0 17	5 18	2 4	30 26	16 21	23 42	23 44	23 49		n.a.
S 4	20 58	13 13	5 3	23 43	1 41	4 5	3 0	21 28	3 36	1 58	1 26	19 9	1 57	14 11	0 17	5 18	2 3	30 25	16 21	23 42	23 44	23 50		n.a.
M 5	21 9	8 11	5 15	24 6	1 45	4 23	3 2	21 24	3 39	1 57	1 26	19 7	1 57	14 12	0 17	5 18	2 3	30 24	16 20	23 42	23 44	23 51		n.a.
T 6	21 20	2 55	5 10	24 27	1 48	4 42	3 3	21 20	3 42	1 57	1 26	19 6	1 57	14 13	0 17	5 17	2 3	30 24	16 20	23 42	23 44	23 52		n.a.
W 7	21 31	2n22	4 51	24 45	1 51	5 1	3 5	21 15	3 45	1 57	1 25	19 5	1 57	14 14	0 17	5 17	2 3	30 23	16 19	23 42	23 43	23 53		n.a.
T 8	21 41	7 28	4 18	25 0	1 53	5 20	3 6	21 11	3 49	1 56	1 25	19 3	1 57	14 15	0 17	5 17	2 3	30 22	16 19	23 41	23 43	23 54		n.a.
F 9	21 51	12 13	3 34	25 12	1 54	5 40	3 7	21 7	3 52	1 56	1 25	19 2	1 56	14 16	0 17	5 16	2 3	30 21	16 18	23 41	23 43	23 55		n.a.
S 10	22 0	16 26	2 40	25 22	1 54	5 59	3 8	21 3	3 55	1 55	1 24	19 1	1 56	14 17	0 17	5 16	2 3	30 21	16 18	23 41	23 43	23 56		n.a.
S 11	22 10	19 57	1 40	25 30	1 54	6 19	3 9	20 59	3 58	1 54	1 24	18 59	1 56	14 18	0 17	5 16	2 3	30 20	16 18	23 41	23 43	23 57		n.a.
M12	22 18	22 37	0 37	25 35	1 54	6 40	3 9	20 56	4 2	1 53	1 24	18 58	1 56	14 19	0 17	5 16	2 3	30 19	16 17	23 41	23 43	23 58		n.a.
T 13	22 27	24 17	0n29	25 38	1 53	7 0	3 10	20 52	4 5	1 53	1 24	18 56	1 56	14 20	0 17	5 15	2 3	30 18	16 17	23 41	23 43	23 59		n.a.
W14	22 34	24 52	1 33	25 39	1 51	7 20	3 10	20 48	4 8	1 52	1 23	18 55	1 56	14 21	0 17	5 15	2 3	30 18	16 16	23 41	23 43	24 1		n.a.
T 15	22 42	24 20	2 33	25 37	1 49	7 41	3 10	20 45	4 12	1 51	1 23	18 53	1 56	14 22	0 17	5 15	2 3	30 17	16 16	23 41	23 42	24 2		n.a.
F 16	22 49	22 41	3 27	25 34	1 46	8 2	3 10	20 42	4 15	1 50	1 23	18 52	1 56	14 23	0 17	5 15	2 3	30 16	16 15	23 41	23 42	24 3		n.a.
S 17	22 56	20 0	4 13	25 29	1 42	8 23	3 10	20 39	4 18	1 48	1 22	18 50	1 56	14 24	0 17	5 14	2 3	30 15	16 15	23 41	23 42	24 4		n.a.
S 18	23 2	16 25	4 48	25 22	1 38	8 44	3 10	20 36	4 22	1 47	1 22	18 49	1 55	14 25	0 17	5 14	2 3	30 14	16 14	23 41	23 42	24 5		n.a.
M19	23 8	12 1	5 10	25 13	1 34	9 5	3 9	20 33	4 25	1 46	1 22	18 47	1 55	14 26	0 17	5 14	2 3	30 14	16 14	23 41	23 42	24 6		n.a.
T 20	23 14	7 0	5 18	25 2	1 29	9 26	3 9	20 30	4 28	1 45	1 21	18 46	1 55	14 27	0 17	5 14	2 3	30 13	16 14	23 41	23 42	24 7		n.a.
W21	23 19	1 31	5 9	24 50	1 24	9 47	3 8	20 28	4 32	1 43	1 21	18 44	1 55	14 28	0 17	5 14	2 2	30 12	16 13	23 41	23 42	24 8		n.a.
T 22	23 24	4s14	4 42	24 37	1 18	10 8	3 7	20 25	4 35	1 42	1 21	18 42	1 55	14 29	0 17	5 13	2 2	30 11	16 13	23 41	23 42	24 9		n.a.
F 23	23 28	9 58	3 58	24 22	1 12	10 30	3 6	20 23	4 38	1 40	1 20	18 41	1 55	14 30	0 17	5 13	2 2	30 10	16 12	23 41	23 41	24 9		n.a.
S 24	23 32	15 19	2 57	24 6	1 5	10 51	3 5	20 21	4 42	1 39	1 20	18 39	1 55	14 31	0 17	5 13	2 2	30 9	16 12	23 41	23 41	24 10		n.a.
S 25	23 36	19 52	1 43	23 49	0 58	11 12	3 4	20 19	4 45	1 37	1 20	18 37	1 55	14 32	0 17	5 13	2 2	30 8	16 12	23 41	23 41	24 11		n.a.
M26	23 39	23 8	0 20	23 31	0 51	11 33	3 3	20 18	4 49	1 35	1 20	18 36	1 55	14 33	0 17	5 13	2 2	30 8	16 11	23 41	23 41	24 12		n.a.
T 27	23 41	24 45	1s 4	23 11	0 43	11 54	3 1	20 16	4 52	1 33	1 19	18 34	1 55	14 34	0 17	5 13	2 2	30 7	16 11	23 41	23 41	24 13		n.a.
W28	23 44	24 31	2 23	22 51	0 35	12 15	3 0	20 15	4 55	1 31	1 19	18 32	1 55	14 34	0 17	5 13	2 2	30 6	16 10	23 41	23 41	24 14		n.a.
T 29	23 46	22 32	3 31	22 30	0 27	12 36	2 58	20 14	4 59	1 30	1 19	18 30	1 54	14 35	0 17	5 13	2 2	30 5	16 10	23 41	23 41	24 15		n.a.
F 30	23n47	19s 7	4s24	22n 8	0n18	12n57	2s57	20s13	5s 2	1n28	1n18	18n29	1n54	14n36	0s17	5s13	2n 2	30n 4	16n10	23n41	23n40	24n16		n.a.

Julian Day Number = 1357785.5, Delta T = 07h01m38s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°49'13, Lahiri = -17°42'12 Julian Calendar 1 June 996 BCE == Greg. Calendar 23 May 996 BCE

The year -995 astronomical counting style corresponds to year 996 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 996 BCE
geocentric

JULY 996 BCE (-995) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 57 40	28♊11'21	4♓22	24♋11	13♉18	18♒55	29♍25	14♌52	9♉30	17°R47	20♌35	24°R15	23♊55	29♊10	n.a.	S 1
S 2	18 1 37	29° 8'50	18° 1	25°27	14°21	19° 6	29°30	14°57	9°33	17♎46	20°36	24♊15	23°51	29°17	n.a.	S 2
M 3	18 5 33	0♋ 6'20	1♈15	26°41	15°24	19°17	29°35	15° 3	9°35	17°46	20°38	24°D15	23°48	29°23	n.a.	M 3
T 4	18 9 30	1° 3'52	14° 6	27°53	16°28	19°26	29°40	15° 9	9°38	17°46	20°40	24°15	23°45	29°30	n.a.	T 4
W 5	18 13 27	2° 1'25	26°37	29° 2	17°32	19°35	29°45	15°15	9°40	17°46	20°41	24°15	23°42	29°37	n.a.	W 5
T 6	18 17 23	2°59'01	8♉52	0♌ 9	18°36	19°43	29°50	15°21	9°43	17°46	20°43	24°16	23°39	29°43	n.a.	T 6
F 7	18 21 20	3°56'37	20°56	1°14	19°40	19°50	29°55	15°27	9°45	17°46	20°45	24°17	23°35	29°50	n.a.	F 7
S 8	18 25 16	4°54'16	2♊50	2°16	20°45	19°57	0♎ 1	15°33	9°48	17°45	20°46	24°18	23°32	29°57	n.a.	S 8
S 9	18 29 13	5°51'56	14°40	3°16	21°49	20° 2	0° 7	15°39	9°50	17°45	20°48	24°19	23°29	0♋ 3	n.a.	S 9
M10	18 33 9	6°49'37	26°27	4°13	22°54	20° 7	0°13	15°46	9°52	17°D45	20°50	24°R19	23°26	0°10	n.a.	M10
T 11	18 37 6	7°47'20	8♋14	5° 6	23°59	20°11	0°19	15°52	9°55	17°45	20°52	24°18	23°23	0°16	n.a.	T 11
W12	18 41 2	8°45'05	20° 4	5°57	25° 5	20°14	0°25	15°58	9°57	17°46	20°53	24°17	23°20	0°23	n.a.	W12
T 13	18 44 59	9°42'51	1♌58	6°45	26°10	20°16	0°31	16° 4	9°59	17°46	20°55	24°15	23°16	0°30	n.a.	T 13
F 14	18 48 56	10°40'38	13°59	7°29	27°16	20°17	0°37	16°11	10° 1	17°46	20°57	24°13	23°13	0°36	n.a.	F 14
S 15	18 52 52	11°38'27	26° 9	8°10	28°22	20°R18	0°44	16°17	10° 3	17°46	20°59	24°11	23°10	0°43	n.a.	S 15
S 16	18 56 49	12°36'18	8♍31	8°47	29°28	20°17	0°51	16°24	10° 5	17°46	21° 1	24° 8	23° 7	0°50	n.a.	S 16
M17	19 0 45	13°34'09	21° 7	9°19	0♊35	20°16	0°58	16°30	10° 7	17°46	21° 3	24° 6	23° 4	0°56	n.a.	M17
T 18	19 4 42	14°32'02	4♎ 1	9°48	1°41	20°14	1° 5	16°37	10° 9	17°47	21° 5	24° 5	23° 1	1° 3	n.a.	T 18
W19	19 8 38	15°29'57	17°14	10°12	2°48	20°11	1°12	16°43	10°11	17°47	21° 7	24°D 4	22°57	1°10	n.a.	W19
T 20	19 12 35	16°27'53	0♏50	10°31	3°55	20° 7	1°19	16°50	10°13	17°47	21° 8	24° 5	22°54	1°16	n.a.	T 20
F 21	19 16 31	17°25'50	14°49	10°45	5° 2	20° 3	1°27	16°57	10°15	17°48	21°10	24° 6	22°51	1°23	n.a.	F 21
S 22	19 20 28	18°23'49	29°12	10°54	6° 9	19°57	1°34	17° 3	10°17	17°48	21°12	24° 8	22°48	1°30	n.a.	S 22
S 23	19 24 25	19°21'50	13♐55	10°R57	7°16	19°51	1°42	17°10	10°18	17°48	21°14	24° 9	22°45	1°36	n.a.	S 23
M24	19 28 21	20°19'52	28°55	10°54	8°24	19°44	1°50	17°17	10°20	17°49	21°16	24°R 9	22°41	1°43	n.a.	M24
T 25	19 32 18	21°17'55	14♑ 3	10°46	9°32	19°36	1°58	17°24	10°22	17°49	21°19	24° 8	22°38	1°50	n.a.	T 25
W26	19 36 14	22°16'01	29°11	10°31	10°40	19°28	2° 6	17°31	10°23	17°50	21°21	24° 5	22°35	1°56	n.a.	W26
T 27	19 40 11	23°14'08	14♒ 9	10°10	11°48	19°18	2°14	17°38	10°25	17°50	21°23	24° 2	22°32	2° 3	n.a.	T 27
F 28	19 44 7	24°12'18	28°48	9°43	12°56	19° 8	2°22	17°44	10°26	17°51	21°25	23°58	22°29	2°10	n.a.	F 28
S 29	19 48 4	25°10'29	13♓ 3	9° 9	14° 4	18°57	2°31	17°51	10°28	17°51	21°27	23°53	22°26	2°16	n.a.	S 29
S 30	19 52 0	26° 8'43	26°51	8°30	15°13	18°46	2°39	17°58	10°29	17°52	21°29	23°49	22°22	2°23	n.a.	S 30
M31	19 55 57	27♋ 6'58	10♈10	7♌45	16♊22	18♒33	2♎48	18♌ 5	10♉31	17♎53	21♌31	23♊47	22♊19	2♋29	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	14s41	4s59	21n46	0n10	13n18	2s55	20s12	5s 5	1n25	1n18	18n27	1n54	14n37	0s17	5s13	2n 2	30n 3	16n 9	23n41	23n40	24n17		n.a.
S 2	23 49	9 38	5 16	21 23	0 0	13 39	2 53	20 12	5 9	1 23	1 18	18 25	1 54	14 38	0 17	5 12	2 2	30 2	16 9	23 41	23 40	24 18		n.a.
M 3	23 49	4 18	5 15	21 0	0s 9	13 59	2 51	20 12	5 12	1 21	1 17	18 23	1 54	14 39	0 17	5 12	2 2	30 1	16 9	23 41	23 40	24 19		n.a.
T 4	23 49	1n 4	4 59	20 36	0 19	14 20	2 49	20 12	5 15	1 19	1 17	18 21	1 54	14 39	0 17	5 12	2 2	30 1	16 8	23 41	23 40	24 20		n.a.
W 5	23 48	6 15	4 29	20 12	0 29	14 40	2 47	20 12	5 19	1 17	1 17	18 20	1 54	14 40	0 17	5 12	2 2	30 0	16 8	23 41	23 40	24 21		n.a.
T 6	23 47	11 6	3 46	19 48	0 39	15 0	2 44	20 13	5 22	1 14	1 17	18 18	1 54	14 41	0 17	5 12	2 2	29 59	16 8	23 41	23 40	24 22		n.a.
F 7	23 45	15 27	2 55	19 24	0 49	15 20	2 42	20 13	5 25	1 12	1 16	18 16	1 54	14 42	0 17	5 12	2 1	29 58	16 7	23 41	23 39	24 22		n.a.
S 8	23 43	19 9	1 56	18 59	1 0	15 39	2 39	20 14	5 28	1 9	1 16	18 14	1 54	14 43	0 17	5 13	2 1	29 57	16 7	23 41	23 39	24 23		n.a.
S 9	23 41	22 2	0 53	18 35	1 11	15 59	2 37	20 15	5 31	1 7	1 16	18 12	1 54	14 43	0 17	5 13	2 1	29 56	16 7	23 41	23 39	24 24		n.a.
M10	23 38	23 58	0n12	18 11	1 22	16 18	2 34	20 17	5 35	1 4	1 15	18 10	1 54	14 44	0 17	5 13	2 1	29 55	16 6	23 41	23 39	24 25		n.a.
T 11	23 35	24 49	1 16	17 48	1 33	16 37	2 32	20 18	5 38	1 1	1 15	18 8	1 54	14 45	0 17	5 13	2 1	29 54	16 6	23 41	23 39	24 26		n.a.
W12	23 31	24 34	2 18	17 24	1 44	16 56	2 29	20 20	5 41	0 59	1 15	18 6	1 54	14 45	0 17	5 13	2 1	29 53	16 6	23 41	23 39	24 27		n.a.
T 13	23 27	23 10	3 14	17 2	1 55	17 14	2 26	20 22	5 44	0 56	1 15	18 4	1 53	14 46	0 17	5 13	2 1	29 52	16 5	23 41	23 38	24 28		n.a.
F 14	23 23	20 44	4 1	16 39	2 6	17 32	2 23	20 25	5 47	0 53	1 14	18 2	1 53	14 47	0 17	5 13	2 1	29 52	16 5	23 41	23 38	24 29		n.a.
S 15	23 18	17 21	4 39	16 18	2 17	17 50	2 20	20 27	5 49	0 50	1 14	18 0	1 53	14 47	0 17	5 13	2 1	29 51	16 5	23 41	23 38	24 29		n.a.
S 16	23 12	13 11	5 4	15 58	2 28	18 7	2 17	20 30	5 52	0 47	1 14	17 58	1 53	14 48	0 17	5 13	2 1	29 50	16 4	23 41	23 38	24 30		n.a.
M17	23 7	8 23	5 15	15 38	2 39	18 24	2 14	20 33	5 55	0 44	1 14	17 56	1 53	14 49	0 17	5 13	2 1	29 49	16 4	23 41	23 38	24 31		n.a.
T 18	23 0	3 7	5 11	15 20	2 50	18 41	2 11	20 36	5 58	0 41	1 13	17 54	1 53	14 49	0 17	5 14	2 1	29 48	16 4	23 41	23 38	24 32		n.a.
W19	22 54	2s25	4 50	15 4	3 1	18 57	2 8	20 39	6 0	0 38	1 13	17 52	1 53	14 50	0 17	5 14	2 1	29 47	16 4	23 41	23 37	24 33		n.a.
T 20	22 47	8 0	4 13	14 48	3 12	19 13	2 5	20 43	6 3	0 35	1 13	17 50	1 53	14 51	0 17	5 14	2 1	29 46	16 3	23 41	23 37	24 34		n.a.
F 21	22 39	13 21	3 20	14 35	3 22	19 29	2 2	20 47	6 5	0 31	1 13	17 48	1 53	14 51	0 17	5 14	2 0	29 45	16 3	23 41	23 37	24 34		n.a.
S 22	22 32	18 8	2 13	14 23	3 31	19 44	1 58	20 51	6 7	0 28	1 12	17 46	1 53	14 52	0 17	5 14	2 0	29 44	16 3	23 41	23 37	24 35		n.a.
S 23	22 23	21 54	0 56	14 13	3 41	19 58	1 55	20 55	6 9	0 25	1 12	17 43	1 53	14 52	0 17	5 15	2 0	29 43	16 3	23 41	23 37	24 36		n.a.
M24	22 15	24 15	0s26	14 6	3 49	20 13	1 52	20 59	6 11	0 21	1 12	17 41	1 53	14 53	0 17	5 15	2 0	29 42	16 2	23 41	23 37	24 37		n.a.
T 25	22 6	24 50	1 47	14 1	3 57	20 27	1 48	21 3	6 13	0 18	1 12	17 39	1 53	14 53	0 17	5 15	2 0	29 41	16 2	23 41	23 36	24 37		n.a.
W26	21 56	23 35	3 1	13 58	4 4	20 40	1 45	21 8	6 15	0 15	1 11	17 37	1 53	14 54	0 17	5 15	2 0	29 41	16 2	23 41	23 36	24 38		n.a.
T 27	21 47	20 40	4 1	13 58	4 10	20 53	1 41	21 13	6 17	0 11	1 11	17 35	1 53	14 54	0 17	5 16	2 0	29 40	16 2	23 41	23 36	24 39		n.a.
F 28	21 37	16 29	4 44	14 1	4 14	21 5	1 38	21 17	6 18	0 7	1 11	17 33	1 53	14 55	0 17	5 16	2 0	29 39	16 2	23 40	23 36	24 40		n.a.
S 29	21 26	11 28	5 7	14 6	4 18	21 17	1 34	21 22	6 20	0 4	1 11	17 30	1 53	14 55	0 17	5 16	2 0	29 38	16 1	23 40	23 36	24 41		n.a.
S 30	21 15	6 2	5 12	14 15	4 19	21 29	1 31	21 27	6 21	0 0	1 10	17 28	1 53	14 56	0 17	5 16	2 0	29 37	16 1	23 40	23 35	24 41		n.a.
M31	21n 4	0s30	5s 0	14n26	4s20	21n39	1s27	21s32	6s22	0s 4	1n10	17n26	1n53	14n56	0s17	5s17	2n 0	29n36	16n 1	23n40	23n35	24n42		n.a.

Julian Day Number = 1357815.5, Delta T = 07h01m37s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°49'09, Lahiri = -17°42'08 Julian Calendar 1 July 996 BCE == Greg. Calendar 22 June 996 BCE

The year -995 astronomical counting style corresponds to year 996 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 996 BCE
geocentric

AUGUST 996 BCE (-995) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 59 54	28♋ 5'16	23♈ 3	6°R55	17♊31	18°R20	2♎57	18♌12	10♉32	17♎54	21♌33	23°D45	22♊16	2♋36	n.a.	T 1
W 2	20 3 50	29° 3'36	5♉34	6♌ 1	18°40	18♒ 7	3° 5	18°19	10°33	17°54	21°35	23♊46	22°13	2°43	n.a.	W 2
T 3	20 7 47	0♌ 1'58	17°46	5° 4	19°49	17°53	3°14	18°26	10°35	17°55	21°38	23°47	22°10	2°49	n.a.	T 3
F 4	20 11 43	1° 0'23	29°45	4° 4	20°58	17°38	3°24	18°34	10°36	17°56	21°40	23°48	22° 7	2°56	n.a.	F 4
S 5	20 15 40	1°58'50	11♊36	3° 3	22° 7	17°23	3°33	18°41	10°37	17°57	21°42	23°50	22° 3	3° 3	n.a.	S 5
S 6	20 19 36	2°57'19	23°23	2° 3	23°17	17° 7	3°42	18°48	10°38	17°57	21°44	23°R51	22° 0	3° 9	n.a.	S 6
M 7	20 23 33	3°55'51	5♋10	1° 4	24°27	16°51	3°52	18°55	10°39	17°58	21°46	23°50	21°57	3°16	n.a.	M 7
T 8	20 27 29	4°54'24	17° 0	0° 8	25°36	16°34	4° 1	19° 2	10°40	17°59	21°48	23°47	21°54	3°23	n.a.	T 8
W 9	20 31 26	5°53'00	28°56	29♋17	26°46	16°17	4°11	19° 9	10°41	18° 0	21°51	23°43	21°51	3°29	n.a.	W 9
T 10	20 35 22	6°51'38	11♌ 0	28°32	27°56	16° 0	4°21	19°16	10°42	18° 1	21°53	23°36	21°47	3°36	n.a.	T 10
F 11	20 39 19	7°50'17	23°13	27°53	29° 7	15°42	4°30	19°24	10°43	18° 2	21°55	23°28	21°44	3°43	n.a.	F 11
S 12	20 43 16	8°48'59	5♍37	27°22	0♋17	15°24	4°40	19°31	10°43	18° 3	21°57	23°20	21°41	3°49	n.a.	S 12
S 13	20 47 12	9°47'43	18°12	27° 0	1°27	15° 6	4°50	19°38	10°44	18° 4	22° 0	23°12	21°38	3°56	n.a.	S 13
M14	20 51 9	10°46'29	0♎59	26°48	2°38	14°48	5° 1	19°45	10°45	18° 5	22° 2	23° 5	21°35	4° 3	n.a.	M14
T 15	20 55 5	11°45'16	14° 0	26°D44	3°49	14°30	5°11	19°53	10°46	18° 7	22° 4	22°59	21°32	4° 9	n.a.	T 15
W16	20 59 2	12°44'06	27°16	26°51	4°59	14°12	5°21	20° 0	10°46	18° 8	22° 6	22°56	21°28	4°16	n.a.	W16
T 17	21 2 58	13°42'57	10♏47	27° 8	6°10	13°54	5°32	20° 7	10°47	18° 9	22° 9	22°D55	21°25	4°22	n.a.	T 17
F 18	21 6 55	14°41'50	24°37	27°34	7°21	13°36	5°42	20°15	10°47	18°10	22°11	22°55	21°22	4°29	n.a.	F 18
S 19	21 10 51	15°40'45	8♐44	28° 9	8°32	13°18	5°53	20°22	10°48	18°11	22°13	22°56	21°19	4°36	n.a.	S 19
S 20	21 14 48	16°39'42	23° 8	28°53	9°44	13° 1	6° 4	20°29	10°48	18°13	22°16	22°R57	21°16	4°42	n.a.	S 20
M21	21 18 45	17°38'41	7♑48	29°45	10°55	12°43	6°14	20°36	10°48	18°14	22°18	22°56	21°12	4°49	n.a.	M21
T 22	21 22 41	18°37'42	22°38	0♒45	12° 6	12°26	6°25	20°44	10°48	18°15	22°20	22°53	21° 9	4°56	n.a.	T 22
W23	21 26 38	19°36'45	7♒31	1°53	13°18	12° 9	6°36	20°51	10°49	18°17	22°23	22°47	21° 6	5° 2	n.a.	W23
T 24	21 30 34	20°35'50	22°19	3° 6	14°30	11°53	6°47	20°58	10°49	18°18	22°25	22°40	21° 3	5° 9	n.a.	T 24
F 25	21 34 31	21°34'57	6♓55	4°25	15°41	11°37	6°58	21° 6	10°49	18°19	22°27	22°30	21° 0	5°16	n.a.	F 25
S 26	21 38 27	22°34'06	21°10	5°49	16°53	11°21	7°10	21°13	10°49	18°21	22°29	22°21	20°57	5°22	n.a.	S 26
S 27	21 42 24	23°33'18	5♈ 1	7°17	18° 5	11° 6	7°21	21°20	10°R49	18°22	22°32	22°12	20°53	5°29	n.a.	S 27
M28	21 46 20	24°32'32	18°24	8°49	19°17	10°51	7°32	21°28	10°49	18°24	22°34	22° 4	20°50	5°36	n.a.	M28
T 29	21 50 17	25°31'48	1♉21	10°25	20°29	10°37	7°44	21°35	10°49	18°25	22°36	21°59	20°47	5°42	n.a.	T 29
W30	21 54 13	26°31'07	13°54	12° 2	21°42	10°24	7°55	21°42	10°49	18°27	22°39	21°57	20°44	5°49	n.a.	W30
T 31	21 58 10	27♌30'28	26♉ 7	13♌42	22♋54	10♒11	8♎ 7	21♌50	10♉48	18♎28	22♌41	21°D56	20♊41	5♋56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	20n52	4n53	4s33	14n41	4s18	21n50	1s24	21s37	6s23	0s 7	1n10	17n24	1n53	14n57	0s17	5s17	2n 0	29n35	16n 1	23n40	23n35	24n43			n.a.
W 2	20 40	9 55	3 54	14 57	4 14	22 0	1 20	21 43	6 24	0 11	1 10	17 22	1 53	14 57	0 17	5 17	2 0	29 34	16 1	23 40	23 35	24 44			n.a.
T 3	20 28	14 27	3 4	15 17	4 9	22 9	1 16	21 48	6 25	0 15	1 9	17 19	1 53	14 57	0 17	5 18	2 0	29 33	16 1	23 40	23 35	24 44			n.a.
F 4	20 15	18 20	2 8	15 38	4 1	22 17	1 13	21 53	6 25	0 19	1 9	17 17	1 53	14 58	0 17	5 18	2 0	29 32	16 0	23 40	23 34	24 45			n.a.
S 5	20 2	21 26	1 6	16 1	3 52	22 25	1 9	21 58	6 25	0 23	1 9	17 15	1 53	14 58	0 17	5 19	1 59	29 32	16 0	23 40	23 34	24 46			n.a.
S 6	19 48	23 36	0 3	16 26	3 40	22 33	1 6	22 3	6 26	0 27	1 9	17 13	1 53	14 58	0 17	5 19	1 59	29 31	16 0	23 40	23 34	24 46			n.a.
M 7	19 34	24 44	1n 1	16 52	3 27	22 40	1 2	22 8	6 26	0 31	1 8	17 10	1 53	14 59	0 17	5 19	1 59	29 30	16 0	23 40	23 34	24 47			n.a.
T 8	19 20	24 44	2 3	17 18	3 12	22 46	0 58	22 13	6 25	0 35	1 8	17 8	1 53	14 59	0 17	5 20	1 59	29 29	16 0	23 40	23 34	24 48			n.a.
W 9	19 6	23 36	2 59	17 45	2 56	22 52	0 55	22 18	6 25	0 39	1 8	17 6	1 53	14 59	0 17	5 20	1 59	29 28	16 0	23 40	23 34	24 48			n.a.
T 10	18 51	21 23	3 48	18 11	2 39	22 57	0 51	22 23	6 24	0 43	1 8	17 3	1 53	15 0	0 17	5 21	1 59	29 27	16 0	23 39	23 33	24 49			n.a.
F 11	18 36	18 10	4 26	18 37	2 20	23 1	0 47	22 28	6 23	0 47	1 8	17 1	1 53	15 0	0 17	5 21	1 59	29 26	16 0	23 39	23 33	24 50			n.a.
S 12	18 20	14 8	4 53	19 2	2 2	23 5	0 44	22 32	6 23	0 51	1 7	16 59	1 53	15 0	0 17	5 22	1 59	29 25	16 0	23 39	23 33	24 51			n.a.
S 13	18 4	9 25	5 7	19 25	1 42	23 8	0 40	22 37	6 21	0 56	1 7	16 57	1 53	15 0	0 17	5 22	1 59	29 25	16 0	23 38	23 33	24 51			n.a.
M14	17 48	4 15	5 5	19 46	1 23	23 11	0 36	22 41	6 20	1 0	1 7	16 54	1 53	15 1	0 17	5 23	1 59	29 24	15 59	23 38	23 33	24 52			n.a.
T 15	17 32	1s12	4 48	20 5	1 4	23 13	0 33	22 45	6 18	1 4	1 7	16 52	1 53	15 1	0 17	5 23	1 59	29 23	15 59	23 38	23 32	24 53			n.a.
W16	17 15	6 42	4 15	20 22	0 46	23 14	0 29	22 49	6 17	1 9	1 7	16 50	1 53	15 1	0 17	5 24	1 59	29 22	15 59	23 37	23 32	24 53			n.a.
T 17	16 58	12 1	3 27	20 36	0 28	23 14	0 26	22 53	6 15	1 13	1 6	16 47	1 53	15 1	0 17	5 24	1 59	29 21	15 59	23 37	23 32	24 54			n.a.
F 18	16 41	16 51	2 26	20 48	0 11	23 14	0 22	22 56	6 13	1 17	1 6	16 45	1 53	15 1	0 17	5 25	1 59	29 20	15 59	23 37	23 32	24 54			n.a.
S 19	16 23	20 51	1 16	20 57	0n 5	23 14	0 19	22 59	6 11	1 22	1 6	16 43	1 53	15 1	0 17	5 25	1 59	29 20	15 59	23 37	23 31	24 55			n.a.
S 20	16 5	23 39	0s 1	21 2	0 20	23 12	0 15	23 2	6 8	1 26	1 6	16 40	1 53	15 2	0 17	5 26	1 58	29 19	15 59	23 37	23 31	24 56			n.a.
M21	15 47	24 54	1 19	21 5	0 34	23 10	0 12	23 5	6 6	1 31	1 6	16 38	1 53	15 2	0 17	5 26	1 58	29 18	15 59	23 37	23 31	24 56			n.a.
T 22	15 29	24 23	2 32	21 4	0 47	23 7	0 8	23 8	6 3	1 35	1 5	16 36	1 53	15 2	0 17	5 27	1 58	29 17	15 59	23 37	23 31	24 57			n.a.
W23	15 10	22 9	3 35	21 1	0 59	23 4	0 5	23 10	6 0	1 40	1 5	16 33	1 53	15 2	0 17	5 27	1 58	29 16	15 59	23 37	23 31	24 57			n.a.
T 24	14 51	18 26	4 23	20 54	1 9	22 59	0 1	23 12	5 57	1 45	1 5	16 31	1 53	15 2	0 17	5 28	1 58	29 16	15 59	23 36	23 30	24 58			n.a.
F 25	14 32	13 38	4 54	20 44	1 19	22 55	0n 2	23 13	5 54	1 49	1 5	16 29	1 53	15 2	0 17	5 29	1 58	29 15	15 59	23 36	23 30	24 59			n.a.
S 26	14 12	8 12	5 5	20 31	1 27	22 49	0 5	23 15	5 51	1 54	1 5	16 26	1 53	15 2	0 17	5 29	1 58	29 14	15 59	23 35	23 30	24 59			n.a.
S 27	13 53	2 31	4 57	20 15	1 34	22 43	0 9	23 16	5 47	1 58	1 5	16 24	1 53	15 2	0 17	5 30	1 58	29 13	15 59	23 35	23 30	25 0			n.a.
M28	13 33	3n 7	4 33	19 56	1 40	22 36	0 12	23 17	5 44	2 3	1 4	16 21	1 54	15 2	0 17	5 30	1 58	29 12	15 59	23 34	23 30	25 0			n.a.
T 29	13 13	8 26	3 56	19 35	1 45	22 28	0 15	23 17	5 40	2 8	1 4	16 19	1 54	15 2	0 17	5 31	1 58	29 12	16 0	23 34	23 29	25 1			n.a.
W30	12 52	13 16	3 9	19 11	1 48	22 20	0 18	23 17	5 36	2 13	1 4	16 17	1 54	15 2	0 17	5 32	1 58	29 11	16 0	23 34	23 29	25 2			n.a.
T 31	12n32	17n26	2s13	18n45	1n51	22n11	0n21	23s17	5s33	2s17	1n 4	16n14	1n54	15n 2	0s17	5s32	1n58	29n10	16n 0	23n34	23n29	25n 2			n.a.

Julian Day Number = 1357846.5, Delta T = 07h01m35s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°49'04, Lahiri = -17°42'04 Julian Calendar 1 Aug. 996 BCE == Greg. Calendar 23 July 996 BCE

The year -995 astronomical counting style corresponds to year 996 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 996 BCE
geocentric

SEPTEMBER 996 BCE (-995) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 2 7	28♌29'52	8♊ 6	15♌23	24♋ 6	9°R59	8♎18	21♌57	10°R48	18♎30	22♌43	21♊56	20♊38	6♋ 2	n.a.	F 1
S 2	22 6 3	29°29'19	19°57	17° 6	25°19	9♒47	8°30	22° 4	10♉48	18°32	22°45	21°R56	20°34	6° 9	n.a.	S 2
S 3	22 10 0	0♍28'47	1♋43	18°50	26°31	9°36	8°42	22°12	10°48	18°33	22°48	21°56	20°31	6°16	n.a.	S 3
M 4	22 13 56	1°28'18	13°32	20°34	27°44	9°26	8°54	22°19	10°47	18°35	22°50	21°54	20°28	6°22	n.a.	M 4
T 5	22 17 53	2°27'52	25°26	22°19	28°57	9°16	9° 6	22°26	10°47	18°37	22°52	21°49	20°25	6°29	n.a.	T 5
W 6	22 21 49	3°27'28	7♌30	24° 4	0♌10	9° 8	9°18	22°33	10°46	18°38	22°55	21°41	20°22	6°35	n.a.	W 6
T 7	22 25 46	4°27'06	19°45	25°49	1°23	9° 0	9°30	22°41	10°46	18°40	22°57	21°31	20°18	6°42	n.a.	T 7
F 8	22 29 42	5°26'46	2♍13	27°34	2°36	8°52	9°42	22°48	10°45	18°42	22°59	21°19	20°15	6°49	n.a.	F 8
S 9	22 33 39	6°26'29	14°55	29°19	3°49	8°46	9°54	22°55	10°44	18°44	23° 1	21° 6	20°12	6°55	n.a.	S 9
S 10	22 37 35	7°26'13	27°50	1♍ 3	5° 2	8°40	10° 6	23° 2	10°44	18°45	23° 4	20°53	20° 9	7° 2	n.a.	S 10
M11	22 41 32	8°26'00	10♎57	2°47	6°15	8°35	10°19	23° 9	10°43	18°47	23° 6	20°41	20° 6	7° 9	n.a.	M11
T 12	22 45 29	9°25'48	24°15	4°31	7°29	8°31	10°31	23°16	10°42	18°49	23° 8	20°32	20° 3	7°15	n.a.	T 12
W13	22 49 25	10°25'39	7♏44	6°14	8°42	8°28	10°43	23°24	10°41	18°51	23°10	20°26	19°59	7°22	n.a.	W13
T 14	22 53 22	11°25'31	21°23	7°57	9°56	8°26	10°56	23°31	10°40	18°53	23°13	20°23	19°56	7°29	n.a.	T 14
F 15	22 57 18	12°25'25	5♐12	9°39	11° 9	8°24	11° 8	23°38	10°39	18°55	23°15	20°22	19°53	7°35	n.a.	F 15
S 16	23 1 15	13°25'21	19°10	11°21	12°23	8°D23	11°21	23°45	10°38	18°57	23°17	20°21	19°50	7°42	n.a.	S 16
S 17	23 5 11	14°25'19	3♑20	13° 2	13°36	8°23	11°34	23°52	10°37	18°58	23°19	20°21	19°47	7°49	n.a.	S 17
M18	23 9 8	15°25'18	17°38	14°42	14°50	8°24	11°46	23°59	10°36	19° 0	23°21	20°19	19°44	7°55	n.a.	M18
T 19	23 13 4	16°25'20	2♒ 3	16°22	16° 4	8°26	11°59	24° 6	10°35	19° 2	23°23	20°15	19°40	8° 2	n.a.	T 19
W20	23 17 1	17°25'23	16°31	18° 2	17°18	8°28	12°12	24°13	10°34	19° 4	23°26	20° 7	19°37	8° 9	n.a.	W20
T 21	23 20 58	18°25'28	0♓57	19°41	18°32	8°32	12°24	24°20	10°32	19° 6	23°28	19°57	19°34	8°15	n.a.	T 21
F 22	23 24 54	19°25'34	15°14	21°19	19°46	8°35	12°37	24°27	10°31	19° 8	23°30	19°45	19°31	8°22	n.a.	F 22
S 23	23 28 51	20°25'43	29°15	22°57	21° 0	8°40	12°50	24°33	10°30	19°10	23°32	19°33	19°28	8°29	n.a.	S 23
S 24	23 32 47	21°25'53	12♈57	24°34	22°14	8°46	13° 3	24°40	10°28	19°12	23°34	19°21	19°24	8°35	n.a.	S 24
M25	23 36 44	22°26'06	26°17	26°11	23°28	8°52	13°16	24°47	10°27	19°14	23°36	19°11	19°21	8°42	n.a.	M25
T 26	23 40 40	23°26'21	9♉12	27°47	24°42	8°59	13°29	24°54	10°25	19°17	23°38	19° 3	19°18	8°49	n.a.	T 26
W27	23 44 37	24°26'38	21°46	29°23	25°56	9° 6	13°42	25° 0	10°24	19°19	23°40	18°58	19°15	8°55	n.a.	W27
T 28	23 48 33	25°26'57	4♊ 1	0♎59	27°11	9°15	13°55	25° 7	10°22	19°21	23°42	18°56	19°12	9° 2	n.a.	T 28
F 29	23 52 30	26°27'18	16° 1	2°34	28°25	9°24	14° 8	25°14	10°21	19°23	23°44	18°D55	19° 9	9° 8	n.a.	F 29
S 30	23 56 26	27♍27'42	27♊52	4♎ 8	29♌40	9♒33	14♎21	25♌20	10♉19	19♎25	23♌46	18°R55	19♊ 5	9♋15	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n11	20n48	1s13	18n16	1n53	22n 2	0n24	23s17	5s29	2s22	1n 4	16n12	1n54	15n 2	0s17	5s33	1n58	29n 9	16n 0	23n34	23n29	25n 3		n.a.
S 2	11 50	23 15	0 11	17 46	1 55	21 51	0 27	23 17	5 25	2 27	1 4	16 10	1 54	15 1	0 17	5 34	1 58	29 9	16 0	23 34	23 28	25 3		n.a.
S 3	11 29	24 40	0n52	17 14	1 55	21 41	0 30	23 16	5 20	2 32	1 3	16 7	1 54	15 1	0 17	5 34	1 58	29 8	16 0	23 34	23 28	25 4		n.a.
M 4	11 7	24 59	1 52	16 40	1 55	21 29	0 33	23 14	5 16	2 37	1 3	16 5	1 54	15 1	0 17	5 35	1 58	29 7	16 0	23 34	23 28	25 4		n.a.
T 5	10 45	24 8	2 48	16 5	1 54	21 17	0 36	23 13	5 12	2 42	1 3	16 3	1 54	15 1	0 17	5 36	1 58	29 7	16 0	23 33	23 28	25 5		n.a.
W 6	10 24	22 11	3 37	15 28	1 52	21 4	0 39	23 11	5 8	2 47	1 3	16 0	1 54	15 1	0 17	5 36	1 58	29 6	16 0	23 33	23 27	25 5		n.a.
T 7	10 2	19 10	4 17	14 50	1 50	20 51	0 42	23 9	5 3	2 52	1 3	15 58	1 54	15 1	0 17	5 37	1 58	29 5	16 0	23 32	23 27	25 6		n.a.
F 8	9 40	15 16	4 45	14 11	1 48	20 37	0 45	23 7	4 59	2 57	1 3	15 56	1 54	15 0	0 17	5 38	1 57	29 5	16 1	23 31	23 27	25 6		n.a.
S 9	9 17	10 37	4 59	13 32	1 45	20 22	0 47	23 5	4 55	3 2	1 2	15 53	1 54	15 0	0 17	5 39	1 57	29 4	16 1	23 31	23 27	25 7		n.a.
S 10	8 55	5 26	4 59	12 51	1 41	20 7	0 50	23 2	4 50	3 7	1 2	15 51	1 55	15 0	0 17	5 39	1 57	29 3	16 1	23 30	23 27	25 7		n.a.
M11	8 32	0s 5	4 43	12 9	1 38	19 51	0 52	22 59	4 46	3 12	1 2	15 49	1 55	15 0	0 17	5 40	1 57	29 3	16 1	23 29	23 26	25 8		n.a.
T 12	8 9	5 40	4 11	11 27	1 33	19 34	0 55	22 56	4 41	3 17	1 2	15 46	1 55	15 0	0 17	5 41	1 57	29 2	16 1	23 28	23 26	25 8		n.a.
W13	7 46	11 5	3 25	10 44	1 29	19 17	0 57	22 52	4 37	3 22	1 2	15 44	1 55	14 59	0 17	5 41	1 57	29 1	16 1	23 28	23 26	25 9		n.a.
T 14	7 23	16 2	2 27	10 1	1 24	19 0	1 0	22 49	4 32	3 27	1 2	15 42	1 55	14 59	0 17	5 42	1 57	29 1	16 2	23 28	23 26	25 9		n.a.
F 15	7 0	20 12	1 19	9 17	1 19	18 41	1 2	22 45	4 28	3 32	1 2	15 40	1 55	14 59	0 17	5 43	1 57	29 0	16 2	23 27	23 25	25 10		n.a.
S 16	6 37	23 16	0 6	8 33	1 14	18 23	1 4	22 41	4 23	3 37	1 1	15 37	1 55	14 58	0 17	5 44	1 57	29 0	16 2	23 27	23 25	25 10		n.a.
S 17	6 14	24 54	1s 8	7 49	1 9	18 3	1 6	22 36	4 19	3 42	1 1	15 35	1 55	14 58	0 17	5 45	1 57	28 59	16 2	23 27	23 25	25 10		n.a.
M18	5 50	24 55	2 19	7 5	1 3	17 44	1 8	22 32	4 14	3 47	1 1	15 33	1 55	14 58	0 17	5 45	1 57	28 58	16 3	23 27	23 25	25 11		n.a.
T 19	5 26	23 17	3 21	6 20	0 57	17 23	1 10	22 27	4 10	3 52	1 1	15 31	1 56	14 57	0 17	5 46	1 57	28 58	16 3	23 27	23 24	25 11		n.a.
W20	5 3	20 6	4 11	5 35	0 51	17 2	1 12	22 22	4 5	3 58	1 1	15 28	1 56	14 57	0 17	5 47	1 57	28 57	16 3	23 26	23 24	25 12		n.a.
T 21	4 39	15 43	4 44	4 50	0 45	16 41	1 14	22 17	4 1	4 3	1 1	15 26	1 56	14 56	0 17	5 48	1 57	28 57	16 3	23 26	23 24	25 12		n.a.
F 22	4 15	10 30	4 59	4 5	0 39	16 19	1 16	22 12	3 57	4 8	1 1	15 24	1 56	14 56	0 17	5 49	1 57	28 56	16 3	23 25	23 24	25 13		n.a.
S 23	3 51	4 49	4 56	3 20	0 32	15 57	1 18	22 6	3 52	4 13	1 1	15 22	1 56	14 56	0 17	5 49	1 57	28 56	16 4	23 24	23 23	25 13		n.a.
S 24	3 27	0n58	4 35	2 35	0 26	15 34	1 19	22 1	3 48	4 18	1 0	15 19	1 56	14 55	0 17	5 50	1 57	28 55	16 4	23 23	23 23	25 13		n.a.
M25	3 3	6 34	4 0	1 50	0 20	15 11	1 21	21 55	3 44	4 24	1 0	15 17	1 56	14 55	0 17	5 51	1 57	28 55	16 4	23 22	23 23	25 14		n.a.
T 26	2 39	11 44	3 14	1 6	0 13	14 47	1 22	21 49	3 39	4 29	1 0	15 15	1 56	14 54	0 17	5 52	1 57	28 54	16 5	23 21	23 23	25 14		n.a.
W27	2 14	16 16	2 18	0 21	0 7	14 23	1 24	21 43	3 35	4 34	1 0	15 13	1 57	14 54	0 17	5 53	1 57	28 54	16 5	23 21	23 22	25 14		n.a.
T 28	1 50	20 0	1 18	0s24	0 0	13 58	1 25	21 36	3 31	4 39	1 0	15 11	1 57	14 53	0 17	5 53	1 57	28 53	16 5	23 21	23 22	25 15		n.a.
F 29	1 26	22 49	0 15	1 8	0s 7	13 33	1 26	21 30	3 27	4 45	1 0	15 9	1 57	14 53	0 17	5 54	1 57	28 53	16 6	23 21	23 22	25 15		n.a.
S 30	1n 1	24n35	0n47	1s52	0s13	13n 8	1n28	21s23	3s23	4s50	1n 0	15n 6	1n57	14n52	0s17	5s55	1n57	28n53	16n 6	23n21	23n21	25n16		n.a.

Julian Day Number = 1357877.5, Delta T = 07h01m34s
Ecliptic obliquity = 23°48'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°49'00, Lahiri = -17°42'00 Julian Calendar 1 Sept. 996 BCE == Greg. Calendar 23 Aug. 996 BCE

The year -995 astronomical counting style corresponds to year 996 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 996 BCE
geocentric

OCTOBER 996 BCE (-995) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 0 23	28♍28'07	9♋40	5♎43	0♍54	9♒44	14♎34	25♌27	10°R17	19♎27	23♌48	18°R54	19♊ 2	9♋22	n.a.	S 1
M 2	0 4 20	29°28'35	21°30	7°16	2° 9	9°55	14°48	25°33	10♉16	19°29	23°50	18♊53	18°59	9°28	n.a.	M 2
T 3	0 8 16	0♎29'04	3♌27	8°50	3°23	10° 6	15° 1	25°40	10°14	19°31	23°52	18°48	18°56	9°35	n.a.	T 3
W 4	0 12 13	1°29'36	15°36	10°23	4°38	10°19	15°14	25°46	10°12	19°34	23°54	18°41	18°53	9°42	n.a.	W 4
T 5	0 16 9	2°30'09	28° 0	11°56	5°52	10°32	15°27	25°53	10°10	19°36	23°56	18°31	18°49	9°48	n.a.	T 5
F 6	0 20 6	3°30'45	10♍41	13°28	7° 7	10°45	15°41	25°59	10° 8	19°38	23°58	18°20	18°46	9°55	n.a.	F 6
S 7	0 24 2	4°31'22	23°40	15° 1	8°22	10°59	15°54	26° 5	10° 6	19°40	24° 0	18° 7	18°43	10° 2	n.a.	S 7
S 8	0 27 59	5°32'00	6♎56	16°33	9°37	11°14	16° 7	26°11	10° 4	19°42	24° 2	17°54	18°40	10° 8	n.a.	S 8
M 9	0 31 55	6°32'41	20°27	18° 4	10°52	11°29	16°21	26°18	10° 2	19°45	24° 4	17°43	18°37	10°15	n.a.	M 9
T 10	0 35 52	7°33'23	4♏10	19°35	12° 6	11°45	16°34	26°24	10° 0	19°47	24° 5	17°34	18°34	10°22	n.a.	T 10
W11	0 39 49	8°34'06	18° 3	21° 6	13°21	12° 2	16°47	26°30	9°58	19°49	24° 7	17°28	18°30	10°28	n.a.	W11
T 12	0 43 45	9°34'51	2♐ 1	22°37	14°36	12°19	17° 1	26°36	9°56	19°51	24° 9	17°24	18°27	10°35	n.a.	T 12
F 13	0 47 42	10°35'37	16° 3	24° 7	15°51	12°36	17°14	26°42	9°54	19°53	24°11	17°D23	18°24	10°42	n.a.	F 13
S 14	0 51 38	11°36'25	0♑ 8	25°37	17° 6	12°54	17°28	26°48	9°52	19°56	24°12	17°24	18°21	10°48	n.a.	S 14
S 15	0 55 35	12°37'13	14°13	27° 7	18°21	13°13	17°41	26°54	9°50	19°58	24°14	17°R24	18°18	10°55	n.a.	S 15
M16	0 59 31	13°38'03	28°19	28°36	19°36	13°32	17°55	26°59	9°48	20° 0	24°16	17°23	18°15	11° 2	n.a.	M16
T 17	1 3 28	14°38'54	12♒24	0♏ 5	20°51	13°51	18° 8	27° 5	9°45	20° 2	24°17	17°20	18°11	11° 8	n.a.	T 17
W18	1 7 24	15°39'45	26°27	1°34	22° 6	14°11	18°22	27°11	9°43	20° 5	24°19	17°14	18° 8	11°15	n.a.	W18
T 19	1 11 21	16°40'38	10♓25	3° 1	23°21	14°32	18°35	27°16	9°41	20° 7	24°21	17° 6	18° 5	11°22	n.a.	T 19
F 20	1 15 18	17°41'32	24°14	4°29	24°37	14°53	18°48	27°22	9°39	20° 9	24°22	16°56	18° 2	11°28	n.a.	F 20
S 21	1 19 14	18°42'27	7♈51	5°56	25°52	15°14	19° 2	27°27	9°36	20°11	24°24	16°46	17°59	11°35	n.a.	S 21
S 22	1 23 11	19°43'23	21°14	7°22	27° 7	15°36	19°15	27°33	9°34	20°14	24°25	16°36	17°55	11°42	n.a.	S 22
M23	1 27 7	20°44'21	4♉18	8°47	28°22	15°58	19°29	27°38	9°32	20°16	24°27	16°27	17°52	11°48	n.a.	M23
T 24	1 31 4	21°45'20	17° 5	10°11	29°37	16°21	19°42	27°43	9°29	20°18	24°28	16°21	17°49	11°55	n.a.	T 24
W25	1 35 0	22°46'20	29°34	11°35	0♎53	16°43	19°56	27°49	9°27	20°20	24°30	16°17	17°46	12° 2	n.a.	W25
T 26	1 38 57	23°47'21	11♊46	12°57	2° 8	17° 7	20° 9	27°54	9°24	20°23	24°31	16°D15	17°43	12° 8	n.a.	T 26
F 27	1 42 53	24°48'24	23°46	14°18	3°23	17°30	20°23	27°59	9°22	20°25	24°32	16°15	17°40	12°15	n.a.	F 27
S 28	1 46 50	25°49'28	5♋38	15°37	4°39	17°54	20°36	28° 4	9°19	20°27	24°34	16°16	17°36	12°22	n.a.	S 28
S 29	1 50 47	26°50'33	17°26	16°54	5°54	18°19	20°50	28° 9	9°17	20°29	24°35	16°18	17°33	12°28	n.a.	S 29
M30	1 54 43	27°51'39	29°16	18°10	7° 9	18°43	21° 3	28°14	9°14	20°32	24°36	16°R18	17°30	12°35	n.a.	M30
T 31	1 58 40	28♎52'47	11♌14	19♏23	8♎25	19♒ 9	21♎17	28♌18	9♉12	20♎34	24♌38	16♊17	17♊27	12♋42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	0n37	25n15	1n48	2s36	0s20	12n42	1n29	21s16	3s19	4s55	1n 0	15n 4	1n57	14n52	0s17	5s56	1n57	28n52	16n 6	23n21	23n21	25n16			n.a.
M 2	0 13	24 45	2 44	3 20	0 26	12 16	1 30	21 10	3 15	5 0	1 0	15 2	1 57	14 51	0 17	5 57	1 57	28 52	16 7	23 20	23 21	25 16			n.a.
T 3	0s12	23 8	3 33	4 3	0 33	11 50	1 31	21 2	3 11	5 6	0 59	15 0	1 57	14 51	0 17	5 58	1 57	28 51	16 7	23 20	23 21	25 17			n.a.
W 4	0 36	20 26	4 13	4 46	0 39	11 23	1 32	20 55	3 7	5 11	0 59	14 58	1 58	14 50	0 17	5 58	1 57	28 51	16 7	23 19	23 20	25 17			n.a.
T 5	1 1	16 46	4 42	5 29	0 46	10 56	1 33	20 48	3 3	5 16	0 59	14 56	1 58	14 49	0 17	5 59	1 57	28 51	16 8	23 19	23 20	25 17			n.a.
F 6	1 25	12 16	4 59	6 12	0 52	10 28	1 33	20 40	2 59	5 21	0 59	14 54	1 58	14 49	0 17	6 0	1 57	28 50	16 8	23 18	23 20	25 18			n.a.
S 7	1 49	7 8	5 0	6 54	0 58	10 1	1 34	20 33	2 55	5 27	0 59	14 52	1 58	14 48	0 17	6 1	1 57	28 50	16 8	23 16	23 20	25 18			n.a.
S 8	2 14	1 34	4 45	7 35	1 4	9 33	1 35	20 25	2 51	5 32	0 59	14 50	1 58	14 48	0 17	6 2	1 57	28 50	16 9	23 15	23 19	25 18			n.a.
M 9	2 38	4s12	4 14	8 17	1 10	9 4	1 35	20 17	2 48	5 37	0 59	14 48	1 58	14 47	0 17	6 3	1 56	28 49	16 9	23 14	23 19	25 18			n.a.
T 10	3 3	9 51	3 28	8 57	1 16	8 36	1 36	20 9	2 44	5 43	0 59	14 46	1 59	14 46	0 17	6 4	1 56	28 49	16 9	23 13	23 19	25 19			n.a.
W11	3 27	15 5	2 29	9 38	1 22	8 7	1 36	20 1	2 40	5 48	0 59	14 44	1 59	14 46	0 17	6 4	1 56	28 49	16 10	23 13	23 19	25 19			n.a.
T 12	3 51	19 34	1 21	10 17	1 28	7 38	1 36	19 53	2 37	5 53	0 59	14 42	1 59	14 45	0 17	6 5	1 56	28 49	16 10	23 12	23 18	25 19			n.a.
F 13	4 15	22 57	0 7	10 57	1 34	7 9	1 36	19 44	2 33	5 58	0 59	14 40	1 59	14 44	0 17	6 6	1 56	28 48	16 11	23 12	23 18	25 20			n.a.
S 14	4 40	24 56	1s 7	11 35	1 39	6 39	1 37	19 36	2 30	6 4	0 58	14 38	1 59	14 44	0 17	6 7	1 56	28 48	16 11	23 12	23 18	25 20			n.a.
S 15	5 4	25 20	2 18	12 13	1 44	6 9	1 37	19 27	2 26	6 9	0 58	14 37	2 0	14 43	0 17	6 8	1 56	28 48	16 12	23 12	23 17	25 20			n.a.
M16	5 28	24 5	3 20	12 50	1 49	5 39	1 37	19 18	2 23	6 14	0 58	14 35	2 0	14 42	0 17	6 9	1 56	28 48	16 12	23 12	23 17	25 20			n.a.
T 17	5 52	21 20	4 10	13 27	1 54	5 9	1 37	19 9	2 20	6 19	0 58	14 33	2 0	14 41	0 17	6 10	1 56	28 48	16 12	23 12	23 17	25 21			n.a.
W18	6 15	17 20	4 45	14 3	1 58	4 39	1 36	19 0	2 16	6 25	0 58	14 31	2 0	14 41	0 17	6 11	1 56	28 47	16 13	23 11	23 17	25 21			n.a.
T 19	6 39	12 25	5 2	14 38	2 3	4 9	1 36	18 51	2 13	6 30	0 58	14 29	2 0	14 40	0 17	6 11	1 56	28 47	16 13	23 11	23 16	25 21			n.a.
F 20	7 3	6 56	5 2	15 12	2 6	3 38	1 36	18 42	2 10	6 35	0 58	14 28	2 1	14 39	0 17	6 12	1 56	28 47	16 14	23 10	23 16	25 21			n.a.
S 21	7 26	1 10	4 44	15 45	2 10	3 8	1 36	18 32	2 7	6 40	0 58	14 26	2 1	14 39	0 17	6 13	1 56	28 47	16 14	23 9	23 16	25 21			n.a.
S 22	7 50	4n32	4 11	16 17	2 13	2 37	1 35	18 23	2 4	6 46	0 58	14 24	2 1	14 38	0 17	6 14	1 56	28 47	16 15	23 8	23 15	25 22			n.a.
M23	8 13	9 56	3 25	16 48	2 16	2 6	1 35	18 13	2 1	6 51	0 58	14 22	2 1	14 37	0 17	6 15	1 56	28 47	16 15	23 7	23 15	25 22			n.a.
T 24	8 36	14 48	2 30	17 18	2 19	1 35	1 34	18 3	1 58	6 56	0 58	14 21	2 1	14 36	0 17	6 16	1 56	28 47	16 16	23 6	23 15	25 22			n.a.
W25	8 59	18 56	1 29	17 47	2 21	1 4	1 33	17 53	1 55	7 1	0 58	14 19	2 2	14 35	0 17	6 17	1 56	28 47	16 16	23 6	23 14	25 22			n.a.
T 26	9 22	22 9	0 24	18 14	2 23	0 33	1 33	17 43	1 52	7 7	0 58	14 17	2 2	14 35	0 17	6 17	1 56	28 47	16 17	23 6	23 14	25 22			n.a.
F 27	9 45	24 20	0n40	18 40	2 24	0 2	1 32	17 33	1 49	7 12	0 58	14 16	2 2	14 34	0 17	6 18	1 56	28 47	16 17	23 6	23 14	25 23			n.a.
S 28	10 8	25 24	1 43	19 4	2 25	0s29	1 31	17 23	1 46	7 17	0 58	14 14	2 2	14 33	0 17	6 19	1 56	28 46	16 18	23 6	23 14	25 23			n.a.
S 29	10 30	25 18	2 40	19 27	2 25	1 0	1 30	17 13	1 43	7 22	0 58	14 13	2 2	14 32	0 17	6 20	1 56	28 46	16 18	23 6	23 13	25 23			n.a.
M30	10 53	24 4	3 31	19 49	2 24	1 31	1 29	17 2	1 41	7 27	0 58	14 11	2 3	14 32	0 17	6 21	1 56	28 46	16 19	23 6	23 13	25 23			n.a.
T 31	11s15	21n44	4n13	20s 8	2s23	2s 2	1n28	16s52	1s38	7s32	0n57	14n10	2n 3	14n31	0s17	6s22	1n56	28n46	16n19	23n 6	23n13	25n23			n.a.

Julian Day Number = 1357907.5, Delta T = 07h01m32s
Ecliptic obliquity = 23°48'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°48'56, Lahiri = -17°41'56 Julian Calendar 1 Oct. 996 BCE == Greg. Calendar 22 Sept. 996 BCE

The year -995 astronomical counting style corresponds to year 996 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 996 BCE
geocentric

NOVEMBER 996 BCE (-995) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 2 36	29♎53'56	23♌23	20♏33	9♎40	19♒34	21♎30	28♌23	9°R 9	20♎36	24♌39	16°R14	17♊24	12♋48	n.a.	W 1
T 2	2 6 33	0♏55'05	5♍49	21°39	10°55	20° 0	21°44	28°28	9♉ 7	20°38	24°40	16♊ 9	17°21	12°55	n.a.	T 2
F 3	2 10 29	1°56'16	18°35	22°42	12°11	20°26	21°57	28°32	9° 4	20°41	24°41	16° 3	17°17	13° 1	n.a.	F 3
S 4	2 14 26	2°57'28	1♎43	23°41	13°26	20°52	22°10	28°37	9° 2	20°43	24°42	15°55	17°14	13° 8	n.a.	S 4
S 5	2 18 22	3°58'40	15°14	24°35	14°42	21°19	22°24	28°41	8°59	20°45	24°44	15°47	17°11	13°15	n.a.	S 5
M 6	2 22 19	4°59'54	29° 5	25°23	15°57	21°45	22°37	28°45	8°57	20°47	24°45	15°40	17° 8	13°21	n.a.	M 6
T 7	2 26 16	6° 1'08	13♏13	26° 4	17°12	22°13	22°50	28°50	8°54	20°50	24°46	15°35	17° 5	13°28	n.a.	T 7
W 8	2 30 12	7° 2'23	27°33	26°38	18°28	22°40	23° 4	28°54	8°52	20°52	24°47	15°32	17° 1	13°35	n.a.	W 8
T 9	2 34 9	8° 3'38	11♐59	27° 5	19°43	23° 8	23°17	28°58	8°49	20°54	24°48	15°D30	16°58	13°41	n.a.	T 9
F 10	2 38 5	9° 4'54	26°27	27°22	20°59	23°36	23°30	29° 2	8°46	20°56	24°49	15°31	16°55	13°48	n.a.	F 10
S 11	2 42 2	10° 6'10	10♑51	27°R29	22°14	24° 4	23°44	29° 6	8°44	20°58	24°50	15°32	16°52	13°55	n.a.	S 11
S 12	2 45 58	11° 7'27	25° 8	27°25	23°30	24°33	23°57	29° 9	8°41	21° 0	24°50	15°34	16°49	14° 1	n.a.	S 12
M13	2 49 55	12° 8'43	9♒16	27°10	24°45	25° 1	24°10	29°13	8°39	21° 3	24°51	15°R34	16°46	14° 8	n.a.	M13
T 14	2 53 52	13° 9'59	23°14	26°44	26° 1	25°30	24°23	29°17	8°36	21° 5	24°52	15°34	16°42	14°15	n.a.	T 14
W15	2 57 48	14°11'15	7♓ 1	26° 6	27°16	26° 0	24°36	29°20	8°34	21° 7	24°53	15°32	16°39	14°21	n.a.	W15
T 16	3 1 45	15°12'32	20°37	25°16	28°32	26°29	24°49	29°24	8°31	21° 9	24°54	15°29	16°36	14°28	n.a.	T 16
F 17	3 5 41	16°13'48	4♈ 0	24°16	29°47	26°59	25° 3	29°27	8°29	21°11	24°54	15°24	16°33	14°35	n.a.	F 17
S 18	3 9 38	17°15'04	17°11	23° 7	1♏ 2	27°29	25°16	29°30	8°26	21°13	24°55	15°19	16°30	14°41	n.a.	S 18
S 19	3 13 34	18°16'21	0♉ 8	21°52	2°18	27°59	25°29	29°33	8°23	21°15	24°56	15°15	16°26	14°48	n.a.	S 19
M20	3 17 31	19°17'37	12°52	20°31	3°33	28°29	25°41	29°36	8°21	21°17	24°56	15°11	16°23	14°55	n.a.	M20
T 21	3 21 27	20°18'54	25°23	19° 9	4°49	28°59	25°54	29°39	8°18	21°19	24°57	15° 8	16°20	15° 1	n.a.	T 21
W22	3 25 24	21°20'10	7♊40	17°48	6° 4	29°30	26° 7	29°42	8°16	21°21	24°57	15° 7	16°17	15° 8	n.a.	W22
T 23	3 29 21	22°21'27	19°47	16°31	7°20	0♓ 1	26°20	29°45	8°14	21°23	24°58	15°D 7	16°14	15°15	n.a.	T 23
F 24	3 33 17	23°22'44	1♋44	15°19	8°35	0°32	26°33	29°48	8°11	21°25	24°58	15° 7	16°11	15°21	n.a.	F 24
S 25	3 37 14	24°24'01	13°35	14°15	9°51	1° 3	26°46	29°50	8° 9	21°27	24°59	15° 9	16° 7	15°28	n.a.	S 25
S 26	3 41 10	25°25'18	25°23	13°20	11° 6	1°34	26°58	29°53	8° 6	21°29	24°59	15°11	16° 4	15°35	n.a.	S 26
M27	3 45 7	26°26'35	7♌13	12°35	12°21	2° 6	27°11	29°55	8° 4	21°31	25° 0	15°12	16° 1	15°41	n.a.	M27
T 28	3 49 3	27°27'52	19° 9	12° 0	13°37	2°37	27°24	29°57	8° 1	21°33	25° 0	15°13	15°58	15°48	n.a.	T 28
W29	3 53 0	28°29'10	1♍16	11°35	14°52	3° 9	27°36	29°59	7°59	21°35	25° 0	15°R13	15°55	15°55	n.a.	W29
T 30	3 56 57	29♏30'27	13♍39	11♏20	16♏ 8	3♓41	27♎49	0♍ 1	7♉57	21♎37	25♌ 0	15♊13	15♊52	16♋ 1	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	11s37	18n24	4n45	20s25	2s21	2s33	1n27	16s41	1s35	7s38	0n57	14n 8	2n 3	14n30	0s17	6s23	1n56	28n47	16n20	23n 5	23n12	25n23		n.a.	W 1
T 2	11 58	14 13	5 4	20 40	2 18	3 5	1 26	16 31	1 33	7 43	0 57	14 7	2 3	14 29	0 17	6 23	1 56	28 47	16 20	23 5	23 12	25 23		n.a.	T 2
F 3	12 20	9 18	5 9	20 53	2 14	3 36	1 25	16 20	1 30	7 48	0 57	14 6	2 4	14 28	0 17	6 24	1 56	28 47	16 21	23 4	23 12	25 24		n.a.	F 3
S 4	12 41	3 50	4 57	21 4	2 9	4 6	1 23	16 9	1 28	7 53	0 57	14 4	2 4	14 27	0 17	6 25	1 56	28 47	16 21	23 3	23 11	25 24		n.a.	S 4
S 5	13 2	1s57	4 30	21 12	2 3	4 37	1 22	15 58	1 25	7 58	0 57	14 3	2 4	14 27	0 17	6 26	1 56	28 47	16 22	23 3	23 11	25 24		n.a.	S 5
M 6	13 23	7 49	3 45	21 17	1 56	5 8	1 21	15 47	1 23	8 3	0 57	14 2	2 4	14 26	0 17	6 27	1 56	28 47	16 22	23 2	23 11	25 24		n.a.	M 6
T 7	13 44	13 24	2 46	21 19	1 48	5 39	1 19	15 35	1 20	8 8	0 57	14 0	2 5	14 25	0 17	6 28	1 56	28 47	16 23	23 1	23 11	25 24		n.a.	T 7
W 8	14 5	18 22	1 36	21 18	1 38	6 9	1 18	15 24	1 18	8 13	0 57	13 59	2 5	14 24	0 17	6 28	1 56	28 47	16 23	23 1	23 10	25 24		n.a.	W 8
T 9	14 25	22 16	0 19	21 14	1 28	6 40	1 16	15 12	1 16	8 18	0 57	13 58	2 5	14 23	0 17	6 29	1 56	28 47	16 24	23 1	23 10	25 24		n.a.	T 9
F 10	14 45	24 45	0s59	21 6	1 15	7 10	1 14	15 1	1 13	8 23	0 57	13 57	2 5	14 23	0 17	6 30	1 57	28 48	16 24	23 1	23 10	25 24		n.a.	F 10
S 11	15 5	25 35	2 14	20 54	1 2	7 40	1 13	14 49	1 11	8 28	0 57	13 55	2 5	14 22	0 17	6 31	1 57	28 48	16 25	23 1	23 9	25 24		n.a.	S 11
S 12	15 24	24 43	3 20	20 39	0 46	8 10	1 11	14 37	1 9	8 33	0 57	13 54	2 6	14 21	0 17	6 32	1 57	28 48	16 26	23 1	23 9	25 24		n.a.	S 12
M13	15 43	22 16	4 12	20 19	0 30	8 40	1 9	14 26	1 7	8 38	0 57	13 53	2 6	14 20	0 17	6 32	1 57	28 48	16 26	23 1	23 9	25 24		n.a.	M13
T 14	16 2	18 32	4 49	19 55	0 12	9 9	1 7	14 14	1 4	8 43	0 57	13 52	2 6	14 19	0 17	6 33	1 57	28 48	16 27	23 1	23 8	25 25		n.a.	T 14
W15	16 21	13 50	5 9	19 28	0n 7	9 39	1 6	14 2	1 2	8 48	0 57	13 51	2 7	14 18	0 17	6 34	1 57	28 49	16 27	23 1	23 8	25 25		n.a.	W15
T 16	16 39	8 32	5 11	18 57	0 27	10 8	1 4	13 49	1 0	8 53	0 57	13 50	2 7	14 18	0 17	6 35	1 57	28 49	16 28	23 1	23 8	25 25		n.a.	T 16
F 17	16 57	2 54	4 57	18 22	0 47	10 36	1 2	13 37	0 58	8 58	0 57	13 49	2 7	14 17	0 17	6 35	1 57	28 49	16 28	23 0	23 7	25 25		n.a.	F 17
S 18	17 15	2n46	4 26	17 45	1 7	11 5	1 0	13 25	0 56	9 2	0 57	13 48	2 7	14 16	0 17	6 36	1 57	28 49	16 29	23 0	23 7	25 25		n.a.	S 18
S 19	17 32	8 14	3 42	17 7	1 27	11 33	0 58	13 12	0 54	9 7	0 57	13 47	2 8	14 15	0 17	6 37	1 57	28 50	16 30	22 59	23 7	25 25		n.a.	S 19
M20	17 49	13 17	2 48	16 27	1 46	12 1	0 56	13 0	0 52	9 12	0 57	13 47	2 8	14 14	0 17	6 38	1 57	28 50	16 30	22 59	23 6	25 25		n.a.	M20
T 21	18 6	17 41	1 47	15 48	2 4	12 29	0 54	12 47	0 50	9 17	0 57	13 46	2 8	14 14	0 17	6 39	1 57	28 50	16 31	22 58	23 6	25 25		n.a.	T 21
W22	18 23	21 16	0 41	15 10	2 20	12 57	0 52	12 35	0 48	9 22	0 57	13 45	2 8	14 13	0 17	6 39	1 57	28 51	16 31	22 58	23 6	25 25		n.a.	W22
T 23	18 39	23 50	0n26	14 35	2 33	13 24	0 49	12 22	0 46	9 26	0 57	13 44	2 9	14 12	0 17	6 40	1 57	28 51	16 32	22 58	23 5	25 25		n.a.	T 23
F 24	18 55	25 19	1 30	14 3	2 45	13 50	0 47	12 9	0 45	9 31	0 57	13 44	2 9	14 11	0 17	6 41	1 57	28 51	16 32	22 58	23 5	25 25		n.a.	F 24
S 25	19 10	25 37	2 31	13 36	2 54	14 17	0 45	11 56	0 43	9 36	0 57	13 43	2 9	14 10	0 17	6 41	1 57	28 52	16 33	22 58	23 5	25 25		n.a.	S 25
S 26	19 25	24 45	3 25	13 13	3 1	14 43	0 43	11 43	0 41	9 40	0 57	13 42	2 9	14 10	0 17	6 42	1 57	28 52	16 34	22 59	23 4	25 25		n.a.	S 26
M27	19 40	22 46	4 10	12 55	3 5	15 9	0 41	11 30	0 39	9 45	0 57	13 42	2 10	14 9	0 17	6 43	1 57	28 53	16 34	22 59	23 4	25 25		n.a.	M27
T 28	19 54	19 48	4 44	12 42	3 8	15 34	0 38	11 17	0 37	9 49	0 57	13 41	2 10	14 8	0 17	6 44	1 57	28 53	16 35	22 59	23 4	25 25		n.a.	T 28
W29	20 8	15 58	5 7	12 33	3 9	15 59	0 36	11 4	0 36	9 54	0 57	13 41	2 10	14 7	0 17	6 44	1 57	28 53	16 35	22 59	23 3	25 24		n.a.	W29
T 30	20s22	11n23	5n16	12s30	3n 8	16s23	0n34	10s50	0s34	9s59	0n57	13n40	2n11	14n 7	0s17	6s45	1n57	28n54	16n36	22n59	23n 3	25n24		n.a.	T 30

Julian Day Number = 1357938.5, Delta T = 07h01m31s
Ecliptic obliquity = 23°48'53, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°48'52, Lahiri = -17°41'52 Julian Calendar 1 Nov. 996 BCE == Greg. Calendar 23 Oct. 996 BCE

The year -995 astronomical counting style corresponds to year 996 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 996 BCE
geocentric

DECEMBER 996 BCE (-995) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 0 53	0♐31'44	26♍22	11°D15	17♏23	4♓13	28♎ 1	0♍ 3	7°R54	21♎39	25♌ 1	15°R12	15♊48	16♋ 8	n.a.	F 1
S 2	4 4 50	1°33'01	9♎28	11♏19	18°39	4°45	28°14	0° 5	7♉52	21°41	25° 1	15♊10	15°45	16°15	n.a.	S 2
S 3	4 8 46	2°34'18	23° 1	11°31	19°54	5°18	28°26	0° 7	7°50	21°43	25° 1	15° 8	15°42	16°21	n.a.	S 3
M 4	4 12 43	3°35'34	6♏59	11°50	21° 9	5°50	28°38	0° 9	7°48	21°44	25° 1	15° 6	15°39	16°28	n.a.	M 4
T 5	4 16 39	4°36'51	21°20	12°17	22°25	6°23	28°50	0°10	7°45	21°46	25° 1	15° 5	15°36	16°35	n.a.	T 5
W 6	4 20 36	5°38'07	5♐59	12°49	23°40	6°56	29° 3	0°12	7°43	21°48	25° 1	15° 5	15°32	16°41	n.a.	W 6
T 7	4 24 32	6°39'22	20°51	13°28	24°56	7°29	29°15	0°13	7°41	21°50	25°R 1	15°D 5	15°29	16°48	n.a.	T 7
F 8	4 28 29	7°40'37	5♑46	14°11	26°11	8° 2	29°27	0°14	7°39	21°51	25° 1	15° 5	15°26	16°55	n.a.	F 8
S 9	4 32 26	8°41'51	20°37	14°59	27°26	8°35	29°39	0°15	7°37	21°53	25° 1	15° 6	15°23	17° 1	n.a.	S 9
S 10	4 36 22	9°43'04	5♒17	15°51	28°42	9° 8	29°50	0°16	7°35	21°55	25° 1	15° 6	15°20	17° 8	n.a.	S 10
M11	4 40 19	10°44'16	19°42	16°47	29°57	9°42	0♏ 2	0°17	7°33	21°56	25° 1	15° 7	15°17	17°15	n.a.	M11
T 12	4 44 15	11°45'27	3♓48	17°46	1♐12	10°15	0°14	0°18	7°31	21°58	25° 1	15° 7	15°13	17°21	n.a.	T 12
W13	4 48 12	12°46'37	17°33	18°48	2°28	10°49	0°26	0°19	7°29	22° 0	25° 1	15°R 7	15°10	17°28	n.a.	W13
T 14	4 52 8	13°47'46	0♈59	19°53	3°43	11°23	0°37	0°19	7°27	22° 1	25° 0	15° 7	15° 7	17°35	n.a.	T 14
F 15	4 56 5	14°48'53	14° 6	21° 0	4°58	11°56	0°49	0°20	7°25	22° 3	25° 0	15°D 7	15° 4	17°41	n.a.	F 15
S 16	5 0 2	15°50'00	26°57	22° 9	6°14	12°30	1° 0	0°20	7°23	22° 4	25° 0	15° 7	15° 1	17°48	n.a.	S 16
S 17	5 3 58	16°51'05	9♉33	23°20	7°29	13° 4	1°12	0°20	7°21	22° 6	25° 0	15° 7	14°58	17°55	n.a.	S 17
M18	5 7 55	17°52'09	21°57	24°34	8°44	13°38	1°23	0°21	7°19	22° 7	24°59	15° 7	14°54	18° 1	n.a.	M18
T 19	5 11 51	18°53'12	4♊11	25°48	10° 0	14°13	1°34	0°R21	7°18	22° 9	24°59	15° 7	14°51	18° 8	n.a.	T 19
W20	5 15 48	19°54'14	16°16	27° 5	11°15	14°47	1°45	0°21	7°16	22°10	24°58	15°R 7	14°48	18°15	n.a.	W20
T 21	5 19 44	20°55'15	28°14	28°22	12°30	15°21	1°56	0°21	7°14	22°12	24°58	15° 7	14°45	18°21	n.a.	T 21
F 22	5 23 41	21°56'15	10♋ 6	29°41	13°45	15°56	2° 7	0°20	7°13	22°13	24°57	15° 7	14°42	18°28	n.a.	F 22
S 23	5 27 37	22°57'14	21°56	1♐ 2	15° 0	16°30	2°18	0°20	7°11	22°14	24°57	15° 6	14°38	18°35	n.a.	S 23
S 24	5 31 34	23°58'11	3♌45	2°23	16°16	17° 5	2°29	0°19	7°10	22°16	24°56	15° 4	14°35	18°41	n.a.	S 24
M25	5 35 31	24°59'08	15°36	3°46	17°31	17°40	2°40	0°19	7° 8	22°17	24°56	15° 3	14°32	18°48	n.a.	M25
T 26	5 39 27	26° 0'04	27°33	5° 9	18°46	18°14	2°50	0°18	7° 7	22°18	24°55	15° 2	14°29	18°55	n.a.	T 26
W27	5 43 24	27° 0'58	9♍39	6°34	20° 1	18°49	3° 1	0°17	7° 5	22°19	24°55	15° 0	14°26	19° 1	n.a.	W27
T 28	5 47 20	28° 1'51	21°59	7°59	21°16	19°24	3°11	0°16	7° 4	22°20	24°54	15° 0	14°23	19° 8	n.a.	T 28
F 29	5 51 17	29° 2'44	4♎36	9°26	22°32	19°59	3°21	0°15	7° 2	22°22	24°53	15°D 0	14°19	19°15	n.a.	F 29
S 30	5 55 13	0♑ 3'35	17°35	10°53	23°47	20°34	3°32	0°14	7° 1	22°23	24°52	15° 0	14°16	19°21	n.a.	S 30
S 31	5 59 10	1♑ 4'25	0♏59	12♐22	25♐ 2	21♓ 9	3♏42	0♍13	7♉ 0	22♎24	24♌52	15♊ 2	14♊13	19♋28	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	20s35	6n12	5n11	12s30	3n 5	16s47	0n31	10s37	0s32	10s 3	0n57	13n40	2n11	14n 6	0s17	6s46	1n57	28n54	16n36	22n59	23n 3	25n24		n.a.	F 1
S 2	20 48	0 36	4 49	12 35	3 2	17 11	0 29	10 23	0 31	10 7	0 57	13 39	2 11	14 5	0 17	6 46	1 57	28 55	16 37	22 58	23 2	25 24		n.a.	S 2
S 3	21 0	5s13	4 10	12 43	2 57	17 34	0 27	10 10	0 29	10 12	0 57	13 39	2 11	14 4	0 17	6 47	1 57	28 55	16 38	22 58	23 2	25 24		n.a.	S 3
M 4	21 12	10 58	3 16	12 54	2 52	17 56	0 24	9 56	0 28	10 16	0 57	13 39	2 12	14 4	0 17	6 48	1 57	28 56	16 38	22 58	23 2	25 24		n.a.	M 4
T 5	21 24	16 19	2 8	13 8	2 45	18 19	0 22	9 43	0 26	10 21	0 57	13 38	2 12	14 3	0 17	6 48	1 57	28 56	16 39	22 58	23 1	25 24		n.a.	T 5
W 6	21 35	20 49	0 50	13 25	2 39	18 40	0 19	9 29	0 24	10 25	0 57	13 38	2 12	14 2	0 17	6 49	1 57	28 57	16 39	22 58	23 1	25 24		n.a.	W 6
T 7	21 46	24 1	0s32	13 44	2 31	19 1	0 17	9 15	0 23	10 29	0 57	13 38	2 12	14 1	0 17	6 49	1 57	28 57	16 40	22 58	23 1	25 24		n.a.	T 7
F 8	21 56	25 34	1 52	14 4	2 23	19 22	0 15	9 1	0 21	10 34	0 57	13 38	2 13	14 1	0 17	6 50	1 57	28 58	16 41	22 58	23 0	25 24		n.a.	F 8
S 9	22 6	25 15	3 5	14 26	2 15	19 42	0 12	8 47	0 20	10 38	0 57	13 38	2 13	14 0	0 17	6 51	1 57	28 58	16 41	22 58	23 0	25 24		n.a.	S 9
S 10	22 15	23 11	4 4	14 49	2 7	20 1	0 10	8 33	0 19	10 42	0 57	13 37	2 13	13 59	0 17	6 51	1 57	28 59	16 42	22 58	23 0	25 23		n.a.	S 10
M11	22 24	19 40	4 47	15 13	1 59	20 20	0 7	8 19	0 17	10 46	0 57	13 37	2 14	13 59	0 17	6 52	1 58	29 0	16 42	22 58	22 59	25 23		n.a.	M11
T 12	22 33	15 6	5 12	15 38	1 50	20 39	0 5	8 5	0 16	10 51	0 57	13 37	2 14	13 58	0 17	6 52	1 58	29 0	16 43	22 58	22 59	25 23		n.a.	T 12
W13	22 41	9 51	5 17	16 4	1 41	20 56	0 2	7 51	0 14	10 55	0 57	13 37	2 14	13 58	0 17	6 53	1 58	29 1	16 43	22 58	22 58	25 23		n.a.	W13
T 14	22 49	4 16	5 6	16 30	1 33	21 14	0 0	7 36	0 13	10 59	0 57	13 37	2 14	13 57	0 17	6 53	1 58	29 1	16 44	22 58	22 58	25 23		n.a.	T 14
F 15	22 56	1n23	4 38	16 56	1 24	21 30	0s 2	7 22	0 12	11 3	0 57	13 37	2 15	13 56	0 17	6 54	1 58	29 2	16 45	22 58	22 58	25 23		n.a.	F 15
S 16	23 3	6 52	3 57	17 23	1 15	21 46	0 5	7 8	0 10	11 7	0 57	13 38	2 15	13 56	0 17	6 55	1 58	29 3	16 45	22 58	22 57	25 23		n.a.	S 16
S 17	23 9	11 59	3 5	17 50	1 6	22 1	0 7	6 53	0 9	11 11	0 57	13 38	2 15	13 55	0 17	6 55	1 58	29 3	16 46	22 58	22 57	25 22		n.a.	S 17
M18	23 15	16 32	2 5	18 16	0 58	22 16	0 10	6 39	0 8	11 15	0 57	13 38	2 16	13 55	0 17	6 56	1 58	29 4	16 46	22 58	22 57	25 22		n.a.	M18
T 19	23 20	20 19	1 0	18 43	0 49	22 30	0 12	6 24	0 6	11 19	0 57	13 38	2 16	13 54	0 17	6 56	1 58	29 5	16 47	22 58	22 56	25 22		n.a.	T 19
W20	23 25	23 12	0n 6	19 9	0 41	22 43	0 14	6 10	0 5	11 22	0 57	13 39	2 16	13 53	0 17	6 57	1 58	29 5	16 47	22 58	22 56	25 22		n.a.	W20
T 21	23 30	25 0	1 12	19 35	0 32	22 55	0 17	5 55	0 4	11 26	0 57	13 39	2 16	13 53	0 17	6 57	1 58	29 6	16 48	22 58	22 56	25 22		n.a.	T 21
F 22	23 34	25 39	2 14	20 1	0 24	23 7	0 19	5 40	0 3	11 30	0 57	13 39	2 17	13 52	0 17	6 57	1 58	29 7	16 48	22 58	22 55	25 21		n.a.	F 22
S 23	23 37	25 8	3 10	20 26	0 16	23 19	0 21	5 26	0 1	11 34	0 57	13 40	2 17	13 52	0 17	6 58	1 58	29 7	16 49	22 58	22 55	25 21		n.a.	S 23
S 24	23 40	23 28	3 58	20 50	0 8	23 29	0 24	5 11	0 0	11 37	0 58	13 40	2 17	13 51	0 17	6 58	1 58	29 8	16 50	22 58	22 54	25 21		n.a.	S 24
M25	23 43	20 47	4 36	21 14	0s 0	23 39	0 26	4 56	0n 1	11 41	0 58	13 40	2 18	13 51	0 17	6 59	1 58	29 9	16 50	22 58	22 54	25 21		n.a.	M25
T 26	23 45	17 14	5 2	21 37	0 8	23 48	0 28	4 41	0 2	11 45	0 58	13 41	2 18	13 50	0 17	6 59	1 58	29 9	16 51	22 58	22 54	25 20		n.a.	T 26
W27	23 47	12 55	5 15	22 0	0 15	23 56	0 30	4 27	0 3	11 48	0 58	13 42	2 18	13 50	0 16	7 0	1 58	29 10	16 51	22 57	22 53	25 20		n.a.	W27
T 28	23 48	8 2	5 14	22 22	0 23	24 4	0 33	4 12	0 4	11 52	0 58	13 42	2 18	13 50	0 16	7 0	1 58	29 11	16 52	22 57	22 53	25 20		n.a.	T 28
F 29	23 49	2 42	4 59	22 42	0 30	24 11	0 35	3 57	0 5	11 55	0 58	13 43	2 19	13 49	0 16	7 0	1 58	29 11	16 52	22 57	22 53	25 20		n.a.	F 29
S 30	23 49	2s54	4 27	23 2	0 37	24 17	0 37	3 42	0 6	11 59	0 58	13 43	2 19	13 49	0 16	7 1	1 59	29 12	16 53	22 57	22 52	25 19		n.a.	S 30
S 31	23s49	8s34	3n40	23s21	0s44	24s22	0s39	3s27	0n 7	12s 2	0n58	13n44	2n19	13n48	0s16	7s 1	1n59	29n13	16n53	22n58	22n52	25n19		n.a.	S 31

Julian Day Number = 1357968.5, Delta T = 07h01m29s
Ecliptic obliquity = 23°48'52, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°48'48, Lahiri = -17°41'47 Julian Calendar 1 Dec. 996 BCE == Greg. Calendar 22 Nov. 996 BCE

The year -995 astronomical counting style corresponds to year 996 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 995 BCE
geocentric

JANUARY 995 BCE (-994) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 3 6	2♑ 5'14	14♏50	13♐51	26♐17	21♓44	3♏52	0°R12	6°R59	22♎25	24°R51	15♊ 3	14♊10	19♋35	n.a.	M 1
T 2	6 7 3	3° 6'02	29° 8	15°21	27°32	22°20	4° 2	0♍10	6♉58	22°26	24♌50	15° 4	14° 7	19°41	n.a.	T 2
W 3	6 11 0	4° 6'48	13♐51	16°52	28°47	22°55	4°11	0° 9	6°57	22°27	24°49	15°R 5	14° 4	19°48	n.a.	W 3
T 4	6 14 56	5° 7'33	28°52	18°23	0♑ 2	23°30	4°21	0° 7	6°56	22°28	24°48	15° 4	14° 0	19°55	n.a.	T 4
F 5	6 18 53	6° 8'17	14♑ 4	19°56	1°17	24° 6	4°31	0° 6	6°55	22°29	24°47	15° 3	13°57	20° 2	n.a.	F 5
S 6	6 22 49	7° 8'59	29°16	21°29	2°32	24°41	4°40	0° 4	6°54	22°30	24°46	15° 0	13°54	20° 8	n.a.	S 6
S 7	6 26 46	8° 9'39	14♒19	23° 3	3°47	25°17	4°49	0° 2	6°53	22°31	24°45	14°57	13°51	20°15	n.a.	S 7
M 8	6 30 42	9°10'17	29° 5	24°38	5° 3	25°52	4°59	29♌59	6°52	22°32	24°44	14°54	13°48	20°22	n.a.	M 8
T 9	6 34 39	10°10'54	13♓27	26°14	6°18	26°28	5° 8	29°58	6°51	22°32	24°43	14°51	13°44	20°28	n.a.	T 9
W10	6 38 36	11°11'28	27°22	27°51	7°33	27° 4	5°17	29°56	6°50	22°33	24°42	14°49	13°41	20°35	n.a.	W10
T 11	6 42 32	12°12'00	10♈51	29°29	8°48	27°40	5°25	29°53	6°50	22°34	24°41	14°D48	13°38	20°42	n.a.	T 11
F 12	6 46 29	13°12'31	23°55	1♑ 7	10° 3	28°15	5°34	29°51	6°49	22°35	24°40	14°48	13°35	20°48	n.a.	F 12
S 13	6 50 25	14°12'59	6♉37	2°47	11°17	28°51	5°43	29°49	6°49	22°35	24°39	14°50	13°32	20°55	n.a.	S 13
S 14	6 54 22	15°13'25	19° 2	4°27	12°32	29°27	5°51	29°46	6°48	22°36	24°38	14°52	13°29	21° 2	n.a.	S 14
M15	6 58 18	16°13'49	1♊13	6° 8	13°47	0♈ 3	6° 0	29°43	6°48	22°37	24°37	14°53	13°25	21° 8	n.a.	M15
T 16	7 2 15	17°14'11	13°14	7°51	15° 2	0°39	6° 8	29°41	6°47	22°37	24°35	14°R54	13°22	21°15	n.a.	T 16
W17	7 6 11	18°14'32	25° 9	9°34	16°17	1°15	6°16	29°38	6°47	22°38	24°34	14°53	13°19	21°22	n.a.	W17
T 18	7 10 8	19°14'50	7♋ 0	11°18	17°32	1°51	6°24	29°35	6°46	22°38	24°33	14°51	13°16	21°28	n.a.	T 18
F 19	7 14 5	20°15'06	18°50	13° 3	18°47	2°27	6°32	29°32	6°46	22°39	24°32	14°47	13°13	21°35	n.a.	F 19
S 20	7 18 1	21°15'21	0♌39	14°49	20° 2	3° 3	6°39	29°29	6°46	22°39	24°30	14°41	13°10	21°42	n.a.	S 20
S 21	7 21 58	22°15'33	12°32	16°36	21°17	3°39	6°47	29°26	6°46	22°40	24°29	14°35	13° 6	21°48	n.a.	S 21
M22	7 25 54	23°15'44	24°28	18°24	22°31	4°15	6°54	29°23	6°46	22°40	24°28	14°27	13° 3	21°55	n.a.	M22
T 23	7 29 51	24°15'52	6♍30	20°14	23°46	4°52	7° 2	29°19	6°D46	22°40	24°26	14°20	13° 0	22° 2	n.a.	T 23
W24	7 33 47	25°15'59	18°41	22° 4	25° 1	5°28	7° 9	29°16	6°46	22°41	24°25	14°13	12°57	22° 8	n.a.	W24
T 25	7 37 44	26°16'04	1♎ 2	23°55	26°16	6° 4	7°16	29°13	6°46	22°41	24°24	14° 9	12°54	22°15	n.a.	T 25
F 26	7 41 40	27°16'08	13°38	25°47	27°31	6°40	7°23	29° 9	6°46	22°41	24°22	14° 6	12°50	22°22	n.a.	F 26
S 27	7 45 37	28°16'09	26°32	27°40	28°45	7°17	7°29	29° 5	6°46	22°42	24°21	14°D 5	12°47	22°28	n.a.	S 27
S 28	7 49 33	29°16'09	9♏47	29°34	0♒ 0	7°53	7°36	29° 2	6°46	22°42	24°19	14° 5	12°44	22°35	n.a.	S 28
M29	7 53 30	0♒16'07	23°26	1♒29	1°15	8°29	7°42	28°58	6°46	22°42	24°18	14° 6	12°41	22°42	n.a.	M29
T 30	7 57 27	1°16'03	7♐31	3°25	2°30	9° 6	7°49	28°54	6°47	22°42	24°16	14°R 7	12°38	22°48	n.a.	T 30
W31	8 1 23	2♒15'58	22♐ 2	5♒22	3♒44	9♈42	7♏55	28♌50	6♉47	22♎42	24♌15	14♊ 7	12♊35	22♋55	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23 s48	14 s 0	2n40	23 s39	0 s50	24 s27	0 s41	3 s12	0n 9	12 s 6	0n58	13n45	2n19	13n48	0 s16	7 s 2	1n59	29n14	16n54	22n58	22n51	25n19			n.a.
T 2	23 47	18 52	1 27	23 56	0 57	24 31	0 43	2 57	0 10	12 9	0 58	13 46	2 20	13 48	0 16	7 2	1 59	29 14	16 54	22 58	22 51	25 19			n.a.
W 3	23 45	22 42	0 7	24 12	1 3	24 34	0 45	2 42	0 11	12 12	0 58	13 46	2 20	13 47	0 16	7 2	1 59	29 15	16 55	22 58	22 51	25 18			n.a.
T 4	23 43	25 4	1 s15	24 26	1 9	24 36	0 47	2 26	0 12	12 16	0 58	13 47	2 20	13 47	0 16	7 2	1 59	29 16	16 55	22 58	22 50	25 18			n.a.
F 5	23 40	25 36	2 33	24 40	1 14	24 38	0 49	2 11	0 13	12 19	0 58	13 48	2 21	13 47	0 16	7 3	1 59	29 17	16 56	22 58	22 50	25 18			n.a.
S 6	23 37	24 13	3 40	24 52	1 20	24 38	0 51	1 56	0 14	12 22	0 58	13 49	2 21	13 46	0 16	7 3	1 59	29 18	16 56	22 57	22 50	25 17			n.a.
S 7	23 34	21 6	4 31	25 2	1 25	24 38	0 53	1 41	0 15	12 25	0 58	13 50	2 21	13 46	0 16	7 3	1 59	29 18	16 56	22 57	22 49	25 17			n.a.
M 8	23 29	16 41	5 3	25 12	1 29	24 38	0 55	1 26	0 15	12 28	0 58	13 51	2 21	13 46	0 16	7 4	1 59	29 19	16 57	22 57	22 49	25 17			n.a.
T 9	23 25	11 26	5 14	25 20	1 34	24 36	0 56	1 11	0 16	12 31	0 58	13 52	2 22	13 46	0 16	7 4	1 59	29 20	16 57	22 56	22 48	25 16			n.a.
W10	23 20	5 45	5 7	25 26	1 38	24 34	0 58	0 55	0 17	12 34	0 58	13 53	2 22	13 45	0 16	7 4	1 59	29 21	16 58	22 56	22 48	25 16			n.a.
T 11	23 15	0n 2	4 43	25 31	1 42	24 31	1 0	0 40	0 18	12 37	0 59	13 54	2 22	13 45	0 16	7 4	1 59	29 21	16 58	22 56	22 48	25 16			n.a.
F 12	23 9	5 38	4 4	25 34	1 46	24 27	1 1	0 25	0 19	12 40	0 59	13 55	2 22	13 45	0 16	7 5	1 59	29 22	16 59	22 56	22 47	25 15			n.a.
S 13	23 3	10 52	3 15	25 36	1 49	24 22	1 3	0 9	0 20	12 43	0 59	13 56	2 23	13 45	0 16	7 5	1 59	29 23	16 59	22 56	22 47	25 15			n.a.
S 14	22 56	15 33	2 17	25 36	1 52	24 17	1 5	0n 6	0 21	12 45	0 59	13 57	2 23	13 45	0 16	7 5	1 59	29 24	16 59	22 56	22 46	25 15			n.a.
M15	22 49	19 31	1 14	25 34	1 54	24 11	1 6	0 21	0 22	12 48	0 59	13 58	2 23	13 45	0 16	7 5	2 0	29 25	17 0	22 57	22 46	25 14			n.a.
T 16	22 41	22 36	0 9	25 31	1 57	24 4	1 8	0 36	0 23	12 51	0 59	14 0	2 23	13 44	0 16	7 5	2 0	29 25	17 0	22 57	22 46	25 14			n.a.
W17	22 33	24 39	0n56	25 26	1 58	23 57	1 9	0 52	0 23	12 53	0 59	14 1	2 24	13 44	0 16	7 5	2 0	29 26	17 1	22 57	22 45	25 13			n.a.
T 18	22 24	25 35	1 58	25 19	2 0	23 48	1 10	1 7	0 24	12 56	0 59	14 2	2 24	13 44	0 16	7 6	2 0	29 27	17 1	22 56	22 45	25 13			n.a.
F 19	22 16	25 21	2 55	25 10	2 1	23 39	1 12	1 22	0 25	12 59	0 59	14 3	2 24	13 44	0 16	7 6	2 0	29 28	17 1	22 56	22 44	25 13			n.a.
S 20	22 6	23 57	3 44	24 59	2 1	23 30	1 13	1 38	0 26	13 1	0 59	14 5	2 24	13 44	0 16	7 6	2 0	29 29	17 2	22 55	22 44	25 12			n.a.
S 21	21 57	21 30	4 23	24 46	2 1	23 19	1 14	1 53	0 27	13 4	0 59	14 6	2 24	13 44	0 16	7 6	2 0	29 29	17 2	22 54	22 44	25 12			n.a.
M22	21 46	18 8	4 51	24 31	2 1	23 8	1 15	2 8	0 27	13 6	0 59	14 7	2 25	13 44	0 16	7 6	2 0	29 30	17 2	22 54	22 43	25 11			n.a.
T 23	21 36	14 0	5 7	24 15	2 0	22 56	1 16	2 23	0 28	13 8	0 59	14 9	2 25	13 44	0 16	7 6	2 0	29 31	17 3	22 53	22 43	25 11			n.a.
W24	21 25	9 16	5 9	23 56	1 59	22 44	1 17	2 39	0 29	13 11	1 0	14 10	2 25	13 44	0 16	7 6	2 0	29 32	17 3	22 52	22 42	25 10			n.a.
T 25	21 14	4 6	4 56	23 35	1 57	22 30	1 18	2 54	0 30	13 13	1 0	14 11	2 25	13 44	0 16	7 6	2 0	29 33	17 3	22 51	22 42	25 10			n.a.
F 26	21 2	1 s20	4 30	23 12	1 55	22 17	1 19	3 9	0 30	13 15	1 0	14 13	2 25	13 44	0 16	7 6	2 0	29 33	17 4	22 51	22 42	25 10			n.a.
S 27	20 50	6 50	3 49	22 46	1 52	22 2	1 20	3 24	0 31	13 17	1 0	14 14	2 26	13 44	0 16	7 6	2 0	29 34	17 4	22 51	22 41	25 9			n.a.
S 28	20 37	12 13	2 55	22 19	1 48	21 47	1 21	3 40	0 32	13 19	1 0	14 16	2 26	13 44	0 16	7 6	2 0	29 35	17 4	22 51	22 41	25 9			n.a.
M29	20 25	17 9	1 50	21 50	1 44	21 31	1 21	3 55	0 33	13 21	1 0	14 17	2 26	13 44	0 16	7 6	2 0	29 36	17 5	22 51	22 40	25 8			n.a.
T 30	20 11	21 19	0 36	21 18	1 39	21 15	1 22	4 10	0 33	13 23	1 0	14 19	2 26	13 45	0 16	7 6	2 1	29 37	17 5	22 51	22 40	25 8			n.a.
W31	19 s58	24 s17	0 s43	20 s45	1 s34	20 s58	1 s23	4n25	0n34	13 s25	1n 0	14n20	2n26	13n45	0 s16	7 s 6	2n 1	29n37	17n 5	22n51	22n40	25n 7			n.a.

Julian Day Number = 1357999.5, Delta T = 07h01m28s
Ecliptic obliquity = 23°48'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°48'44, Lahiri = -17°41'43 Julian Calendar 1 Jan. 995 BCE == Greg. Calendar 23 Dec. 996 BCE

The year -994 astronomical counting style corresponds to year 995 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 995 BCE
geocentric

FEBRUARY 995 BCE (-994) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 5 20	3♒15'51	6♉55	7♒19	4♒59	10♈19	8♏ 1	28°R47	6♉48	22♎42	24°R13	14°R 5	12♊31	23♋ 2	n.a.	T 1
F 2	8 9 16	4°15'42	22° 4	9°16	6°14	10°55	8° 6	28♌43	6°48	22°R42	24♌12	14♊ 1	12°28	23° 8	n.a.	F 2
S 3	8 13 13	5°15'30	7♒20	11°14	7°28	11°32	8°12	28°39	6°49	22°42	24°10	13°54	12°25	23°15	n.a.	S 3
S 4	8 17 9	6°15'17	22°33	13°13	8°43	12° 8	8°17	28°35	6°49	22°42	24° 9	13°46	12°22	23°22	n.a.	S 4
M 5	8 21 6	7°15'01	7♓31	15°11	9°58	12°45	8°23	28°30	6°50	22°42	24° 7	13°38	12°19	23°29	n.a.	M 5
T 6	8 25 2	8°14'43	22° 7	17° 9	11°12	13°21	8°28	28°26	6°51	22°42	24° 6	13°30	12°16	23°35	n.a.	T 6
W 7	8 28 59	9°14'23	6♈14	19° 6	12°27	13°58	8°33	28°22	6°51	22°42	24° 4	13°24	12°12	23°42	n.a.	W 7
T 8	8 32 56	10°14'00	19°52	21° 2	13°41	14°35	8°38	28°18	6°52	22°42	24° 3	13°20	12° 9	23°49	n.a.	T 8
F 9	8 36 52	11°13'34	3♉ 0	22°57	14°56	15°11	8°42	28°14	6°53	22°41	24° 1	13°18	12° 6	23°55	n.a.	F 9
S 10	8 40 49	12°13'07	15°44	24°51	16°11	15°48	8°47	28° 9	6°54	22°41	23°59	13°D17	12° 3	24° 2	n.a.	S 10
S 11	8 44 45	13°12'36	28° 7	26°42	17°25	16°25	8°51	28° 5	6°55	22°41	23°58	13°18	12° 0	24° 9	n.a.	S 11
M12	8 48 42	14°12'04	10♊13	28°31	18°40	17° 1	8°55	28° 1	6°56	22°40	23°56	13°R19	11°56	24°15	n.a.	M12
T 13	8 52 38	15°11'29	22°10	0♓18	19°54	17°38	8°59	27°56	6°57	22°40	23°54	13°18	11°53	24°22	n.a.	T 13
W14	8 56 35	16°10'52	4♋ 0	2° 0	21° 8	18°15	9° 3	27°52	6°58	22°40	23°53	13°16	11°50	24°29	n.a.	W14
T 15	9 0 31	17°10'12	15°48	3°39	22°23	18°52	9° 7	27°47	6°59	22°39	23°51	13°11	11°47	24°35	n.a.	T 15
F 16	9 4 28	18° 9'30	27°36	5°14	23°37	19°28	9°10	27°43	7° 0	22°39	23°50	13° 4	11°44	24°42	n.a.	F 16
S 17	9 8 25	19° 8'45	9♌29	6°44	24°52	20° 5	9°13	27°38	7° 2	22°38	23°48	12°54	11°41	24°49	n.a.	S 17
S 18	9 12 21	20° 7'59	21°27	8° 9	26° 6	20°42	9°16	27°34	7° 3	22°38	23°46	12°42	11°37	24°55	n.a.	S 18
M19	9 16 18	21° 7'10	3♍32	9°29	27°20	21°19	9°19	27°29	7° 4	22°37	23°45	12°29	11°34	25° 2	n.a.	M19
T 20	9 20 14	22° 6'19	15°45	10°42	28°35	21°55	9°22	27°24	7° 6	22°37	23°43	12°17	11°31	25° 9	n.a.	T 20
W21	9 24 11	23° 5'26	28° 6	11°50	29°49	22°32	9°25	27°20	7° 7	22°36	23°41	12° 5	11°28	25°15	n.a.	W21
T 22	9 28 7	24° 4'31	10♎38	12°52	1♓ 3	23° 9	9°27	27°15	7° 9	22°36	23°40	11°56	11°25	25°22	n.a.	T 22
F 23	9 32 4	25° 3'34	23°21	13°47	2°18	23°46	9°29	27°11	7°10	22°35	23°38	11°49	11°22	25°29	n.a.	F 23
S 24	9 36 0	26° 2'35	6♏18	14°35	3°32	24°23	9°31	27° 6	7°12	22°34	23°36	11°46	11°18	25°35	n.a.	S 24
S 25	9 39 57	27° 1'34	19°31	15°16	4°46	25° 0	9°33	27° 1	7°13	22°34	23°35	11°44	11°15	25°42	n.a.	S 25
M26	9 43 53	28° 0'31	3♐ 4	15°51	6° 0	25°37	9°35	26°57	7°15	22°33	23°33	11°D44	11°12	25°49	n.a.	M26
T 27	9 47 50	28°59'27	16°57	16°18	7°15	26°13	9°36	26°52	7°17	22°32	23°31	11°R44	11° 9	25°56	n.a.	T 27
W28	9 51 47	29♒58'21	1♉12	16♓39	8♓29	26♈50	9♏37	26♌48	7♉19	22♎31	23♌30	11♊43	11♊ 6	26♋ 2	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s44	25s37	2s 0	20s 9	1s28	20s40	1s23	4n40	0n35	13s27	1n 0	14n22	2n27	13n45	0s16	7s 6	2n 1	29n38	17n 5	22n51	22n39	25n 7		n.a.
F 2	19 30	25 6	3 10	19 31	1 22	20 22	1 24	4 56	0 35	13 29	1 0	14 24	2 27	13 45	0 16	7 6	2 1	29 39	17 6	22 50	22 39	25 6		n.a.
S 3	19 15	22 42	4 7	18 52	1 14	20 3	1 24	5 11	0 36	13 30	1 0	14 25	2 27	13 45	0 16	7 6	2 1	29 40	17 6	22 50	22 38	25 6		n.a.
S 4	19 0	18 42	4 46	18 11	1 7	19 43	1 25	5 26	0 37	13 32	1 1	14 27	2 27	13 46	0 16	7 6	2 1	29 40	17 6	22 49	22 38	25 5		n.a.
M 5	18 45	13 35	5 4	17 28	0 58	19 23	1 25	5 41	0 37	13 34	1 1	14 28	2 27	13 46	0 16	7 6	2 1	29 41	17 6	22 48	22 37	25 5		n.a.
T 6	18 29	7 48	5 3	16 43	0 49	19 3	1 25	5 56	0 38	13 35	1 1	14 30	2 27	13 46	0 16	7 6	2 1	29 42	17 7	22 47	22 37	25 4		n.a.
W 7	18 13	1 48	4 42	15 57	0 39	18 42	1 25	6 11	0 38	13 37	1 1	14 32	2 28	13 46	0 16	7 6	2 1	29 43	17 7	22 46	22 37	25 4		n.a.
T 8	17 57	4n 5	4 7	15 10	0 29	18 20	1 25	6 26	0 39	13 38	1 1	14 33	2 28	13 47	0 16	7 5	2 1	29 44	17 7	22 45	22 36	25 3		n.a.
F 9	17 41	9 36	3 19	14 22	0 18	17 58	1 25	6 41	0 40	13 40	1 1	14 35	2 28	13 47	0 15	7 5	2 1	29 44	17 7	22 45	22 36	25 2		n.a.
S 10	17 24	14 32	2 22	13 33	0 7	17 35	1 25	6 56	0 40	13 41	1 1	14 37	2 28	13 47	0 15	7 5	2 1	29 45	17 7	22 45	22 35	25 2		n.a.
S 11	17 7	18 45	1 21	12 44	0n 5	17 12	1 25	7 11	0 41	13 42	1 1	14 38	2 28	13 48	0 15	7 5	2 1	29 46	17 7	22 45	22 35	25 1		n.a.
M12	16 50	22 4	0 17	11 54	0 17	16 49	1 25	7 25	0 41	13 44	1 1	14 40	2 28	13 48	0 15	7 5	2 1	29 46	17 8	22 45	22 34	25 1		n.a.
T 13	16 32	24 22	0n47	11 5	0 29	16 25	1 25	7 40	0 42	13 45	1 1	14 42	2 28	13 48	0 15	7 5	2 1	29 47	17 8	22 45	22 34	25 0		n.a.
W14	16 14	25 33	1 48	10 16	0 42	16 1	1 25	7 55	0 43	13 46	1 1	14 43	2 28	13 49	0 15	7 4	2 1	29 48	17 8	22 45	22 34	25 0		n.a.
T 15	15 56	25 35	2 44	9 28	0 55	15 36	1 24	8 10	0 43	13 47	1 2	14 45	2 29	13 49	0 15	7 4	2 2	29 49	17 8	22 44	22 33	24 59		n.a.
F 16	15 38	24 26	3 33	8 41	1 8	15 10	1 24	8 24	0 44	13 48	1 2	14 47	2 29	13 49	0 15	7 4	2 2	29 49	17 8	22 43	22 33	24 58		n.a.
S 17	15 19	22 13	4 13	7 55	1 21	14 45	1 23	8 39	0 44	13 49	1 2	14 48	2 29	13 50	0 15	7 4	2 2	29 50	17 8	22 42	22 32	24 58		n.a.
S 18	15 0	19 0	4 42	7 11	1 34	14 19	1 23	8 54	0 45	13 50	1 2	14 50	2 29	13 50	0 15	7 4	2 2	29 51	17 8	22 41	22 32	24 57		n.a.
M19	14 41	14 59	4 58	6 29	1 47	13 52	1 22	9 8	0 45	13 51	1 2	14 52	2 29	13 51	0 15	7 3	2 2	29 51	17 8	22 39	22 31	24 57		n.a.
T 20	14 22	10 19	5 1	5 49	2 0	13 25	1 22	9 23	0 46	13 52	1 2	14 53	2 29	13 51	0 15	7 3	2 2	29 52	17 8	22 37	22 31	24 56		n.a.
W21	14 2	5 11	4 50	5 12	2 12	12 58	1 21	9 37	0 46	13 52	1 2	14 55	2 29	13 52	0 15	7 3	2 2	29 53	17 8	22 36	22 31	24 55		n.a.
T 22	13 42	0s13	4 25	4 38	2 23	12 31	1 20	9 51	0 47	13 53	1 2	14 57	2 29	13 52	0 15	7 2	2 2	29 53	17 9	22 34	22 30	24 55		n.a.
F 23	13 22	5 42	3 47	4 6	2 34	12 3	1 19	10 6	0 47	13 54	1 2	14 58	2 29	13 53	0 15	7 2	2 2	29 54	17 9	22 34	22 30	24 54		n.a.
S 24	13 2	11 4	2 56	3 38	2 45	11 35	1 18	10 20	0 48	13 54	1 2	15 0	2 29	13 53	0 15	7 2	2 2	29 54	17 9	22 33	22 29	24 53		n.a.
S 25	12 42	16 3	1 55	3 13	2 54	11 7	1 18	10 34	0 48	13 55	1 3	15 2	2 29	13 54	0 15	7 2	2 2	29 55	17 9	22 33	22 29	24 53		n.a.
M26	12 21	20 21	0 46	2 52	3 3	10 38	1 16	10 48	0 49	13 55	1 3	15 3	2 29	13 55	0 15	7 1	2 2	29 56	17 9	22 33	22 28	24 52		n.a.
T 27	12 0	23 37	0s28	2 34	3 10	10 9	1 15	11 2	0 49	13 56	1 3	15 5	2 29	13 55	0 15	7 1	2 2	29 56	17 9	22 33	22 28	24 51		n.a.
W28	11s39	25s30	1s41	2s20	3n17	9s40	1s14	11n16	0n50	13s56	1n 3	15n 7	2n29	13n56	0s15	7s 1	2n 2	29n57	17n 9	22n33	22n27	24n51		n.a.

Julian Day Number = 1358030.5, Delta T = 07h01m26s
Ecliptic obliquity = 23°48'52, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°48'39, Lahiri = -17°41'39 Julian Calendar 1 Feb. 995 BCE == Greg. Calendar 23 Jan. 995 BCE

The year -994 astronomical counting style corresponds to year 995 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 995 BCE
geocentric

MARCH 995 BCE (-994) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 55 43	0♓57'13	15♉47	16♓52	9♓43	27♈27	9♏38	26°R43	7♉20	22°R30	23°R28	11°R40	11♊ 2	26♋ 9	n.a.	T 1
F 2	9 59 40	1°56'03	0♒40	16°R59	10°57	28° 4	9°39	26♏38	7°22	22♎30	23♏26	11♊34	10°59	26°16	n.a.	F 2
S 3	10 3 36	2°54'51	15°42	16°59	12°11	28°41	9°40	26°34	7°24	22°29	23°25	11°25	10°56	26°22	n.a.	S 3
S 4	10 7 33	3°53'37	0♓45	16°52	13°25	29°18	9°40	26°29	7°26	22°28	23°23	11°14	10°53	26°29	n.a.	S 4
M 5	10 11 29	4°52'20	15°38	16°39	14°40	29°55	9°41	26°25	7°28	22°27	23°22	11° 3	10°50	26°36	n.a.	M 5
T 6	10 15 26	5°51'02	0♈14	16°20	15°54	0♉32	9°R41	26°20	7°30	22°26	23°20	10°52	10°47	26°42	n.a.	T 6
W 7	10 19 22	6°49'41	14°25	15°56	17° 8	1° 9	9°41	26°16	7°32	22°25	23°18	10°43	10°43	26°49	n.a.	W 7
T 8	10 23 19	7°48'18	28° 8	15°28	18°22	1°46	9°41	26°11	7°34	22°24	23°17	10°36	10°40	26°56	n.a.	T 8
F 9	10 27 15	8°46'53	11♉22	14°55	19°36	2°23	9°40	26° 7	7°37	22°23	23°15	10°32	10°37	27° 2	n.a.	F 9
S 10	10 31 12	9°45'26	24°10	14°18	20°50	3° 0	9°40	26° 2	7°39	22°22	23°14	10°30	10°34	27° 9	n.a.	S 10
S 11	10 35 9	10°43'56	6♊35	13°38	22° 4	3°37	9°39	25°58	7°41	22°21	23°12	10°29	10°31	27°16	n.a.	S 11
M12	10 39 5	11°42'24	18°44	12°57	23°18	4°14	9°38	25°53	7°43	22°20	23°10	10°29	10°27	27°22	n.a.	M12
T 13	10 43 2	12°40'50	0♋40	12°14	24°32	4°51	9°37	25°49	7°46	22°18	23° 9	10°28	10°24	27°29	n.a.	T 13
W14	10 46 58	13°39'13	12°30	11°31	25°45	5°28	9°35	25°45	7°48	22°17	23° 7	10°26	10°21	27°36	n.a.	W14
T 15	10 50 55	14°37'35	24°19	10°49	26°59	6° 5	9°34	25°41	7°50	22°16	23° 6	10°21	10°18	27°42	n.a.	T 15
F 16	10 54 51	15°35'54	6♌10	10° 7	28°13	6°42	9°32	25°36	7°53	22°15	23° 4	10°13	10°15	27°49	n.a.	F 16
S 17	10 58 48	16°34'11	18° 7	9°27	29°27	7°19	9°30	25°32	7°55	22°14	23° 3	10° 3	10°12	27°56	n.a.	S 17
S 18	11 2 44	17°32'25	0♍13	8°50	0♈41	7°56	9°28	25°28	7°58	22°13	23° 1	9°50	10° 8	28° 3	n.a.	S 18
M19	11 6 41	18°30'38	12°28	8°16	1°55	8°33	9°26	25°24	8° 0	22°11	23° 0	9°37	10° 5	28° 9	n.a.	M19
T 20	11 10 38	19°28'49	24°54	7°45	3° 8	9°10	9°23	25°20	8° 3	22°10	22°59	9°24	10° 2	28°16	n.a.	T 20
W21	11 14 34	20°26'58	7♎31	7°18	4°22	9°47	9°21	25°16	8° 6	22° 9	22°57	9°12	9°59	28°23	n.a.	W21
T 22	11 18 31	21°25'05	20°20	6°56	5°36	10°24	9°18	25°12	8° 8	22° 7	22°56	9° 2	9°56	28°29	n.a.	T 22
F 23	11 22 27	22°23'11	3♏19	6°38	6°49	11° 2	9°15	25° 8	8°11	22° 6	22°54	8°55	9°53	28°36	n.a.	F 23
S 24	11 26 24	23°21'15	16°30	6°24	8° 3	11°39	9°12	25° 5	8°14	22° 5	22°53	8°51	9°49	28°43	n.a.	S 24
S 25	11 30 20	24°19'17	29°53	6°16	9°17	12°16	9° 8	25° 1	8°16	22° 3	22°52	8°49	9°46	28°49	n.a.	S 25
M26	11 34 17	25°17'18	13♐30	6°D12	10°30	12°53	9° 5	24°57	8°19	22° 2	22°50	8°D49	9°43	28°56	n.a.	M26
T 27	11 38 13	26°15'18	27°20	6°14	11°44	13°30	9° 1	24°54	8°22	22° 1	22°49	8°R49	9°40	29° 3	n.a.	T 27
W28	11 42 10	27°13'16	11♑26	6°20	12°57	14° 7	8°57	24°50	8°25	21°59	22°48	8°48	9°37	29° 9	n.a.	W28
T 29	11 46 6	28°11'12	25°45	6°30	14°11	14°44	8°53	24°46	8°28	21°58	22°46	8°46	9°33	29°16	n.a.	T 29
F 30	11 50 3	29° 9'08	10♒17	6°46	15°25	15°21	8°49	24°43	8°31	21°56	22°45	8°41	9°30	29°23	n.a.	F 30
S 31	11 54 0	0♈ 7'01	24♒56	7♓ 6	16♈38	15♉58	8♏45	24♏40	8♉34	21♎55	22♏44	8♊33	9♊27	29♋30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s18	25s40	2s50	2s10	3n22	9s10	1s13	11n30	0n50	13s56	1n 3	15n 8	2n30	13n56	0s15	7s 0	2n 2	29n57	17n 9	22n32	22n27	24n50			n.a.
F 2	10 57	24 2	3 48	2 4	3 26	8 41	1 12	11 44	0 51	13 56	1 3	15 10	2 30	13 57	0 15	7 0	2 2	29 58	17 9	22 31	22 27	24 49			n.a.
S 3	10 36	20 41	4 31	2 1	3 29	8 11	1 11	11 58	0 51	13 56	1 3	15 12	2 30	13 58	0 15	6 59	2 2	29 58	17 8	22 30	22 26	24 49			n.a.
S 4	10 14	15 58	4 56	2 2	3 30	7 41	1 9	12 12	0 51	13 57	1 3	15 13	2 30	13 58	0 15	6 59	2 3	29 59	17 8	22 29	22 26	24 48			n.a.
M 5	9 52	10 20	5 0	2 8	3 30	7 10	1 8	12 25	0 52	13 57	1 3	15 15	2 30	13 59	0 15	6 59	2 3	29 59	17 8	22 27	22 25	24 47			n.a.
T 6	9 31	4 14	4 44	2 17	3 28	6 40	1 6	12 39	0 52	13 57	1 3	15 16	2 30	14 0	0 15	6 58	2 3	30 0	17 8	22 26	22 25	24 46			n.a.
W 7	9 9	1n56	4 11	2 29	3 25	6 9	1 5	12 53	0 53	13 56	1 3	15 18	2 30	14 0	0 15	6 58	2 3	30 0	17 8	22 24	22 24	24 46			n.a.
T 8	8 46	7 48	3 24	2 45	3 20	5 38	1 3	13 6	0 53	13 56	1 3	15 20	2 30	14 1	0 15	6 57	2 3	30 1	17 8	22 23	22 24	24 45			n.a.
F 9	8 24	13 9	2 27	3 4	3 14	5 7	1 2	13 19	0 53	13 56	1 4	15 21	2 30	14 2	0 15	6 57	2 3	30 1	17 8	22 23	22 23	24 44			n.a.
S 10	8 2	17 44	1 25	3 25	3 6	4 36	1 0	13 33	0 54	13 56	1 4	15 23	2 30	14 3	0 15	6 57	2 3	30 2	17 8	22 22	22 23	24 43			n.a.
S 11	7 39	21 25	0 21	3 49	2 57	4 5	0 58	13 46	0 54	13 55	1 4	15 24	2 30	14 3	0 15	6 56	2 3	30 2	17 8	22 22	22 22	24 43			n.a.
M12	7 17	24 3	0n44	4 15	2 46	3 34	0 56	13 59	0 55	13 55	1 4	15 26	2 30	14 4	0 15	6 56	2 3	30 3	17 8	22 22	22 22	24 42			n.a.
T 13	6 54	25 33	1 45	4 43	2 34	3 2	0 55	14 12	0 55	13 55	1 4	15 27	2 30	14 5	0 15	6 55	2 3	30 3	17 7	22 22	22 22	24 41			n.a.
W14	6 32	25 53	2 41	5 11	2 21	2 31	0 53	14 25	0 55	13 54	1 4	15 29	2 30	14 6	0 15	6 55	2 3	30 4	17 7	22 22	22 21	24 40			n.a.
T 15	6 9	25 1	3 30	5 41	2 7	1 59	0 51	14 38	0 56	13 54	1 4	15 30	2 29	14 7	0 15	6 54	2 3	30 4	17 7	22 21	22 21	24 40			n.a.
F 16	5 46	23 3	4 9	6 10	1 52	1 28	0 49	14 51	0 56	13 53	1 4	15 31	2 29	14 7	0 15	6 54	2 3	30 4	17 7	22 20	22 20	24 39			n.a.
S 17	5 23	20 3	4 39	6 40	1 36	0 56	0 47	15 4	0 57	13 52	1 4	15 33	2 29	14 8	0 15	6 53	2 3	30 5	17 7	22 18	22 20	24 38			n.a.
S 18	5 0	16 10	4 56	7 9	1 20	0 25	0 45	15 16	0 57	13 51	1 4	15 34	2 29	14 9	0 15	6 53	2 3	30 5	17 7	22 16	22 19	24 37			n.a.
M19	4 37	11 35	5 0	7 37	1 4	0n 7	0 43	15 29	0 57	13 51	1 4	15 35	2 29	14 10	0 15	6 52	2 3	30 5	17 6	22 14	22 19	24 36			n.a.
T 20	4 14	6 28	4 49	8 4	0 48	0 39	0 41	15 41	0 58	13 50	1 4	15 37	2 29	14 11	0 15	6 52	2 3	30 6	17 6	22 12	22 18	24 35			n.a.
W21	3 50	1 1	4 25	8 29	0 31	1 10	0 39	15 53	0 58	13 49	1 4	15 38	2 29	14 12	0 15	6 51	2 3	30 6	17 6	22 11	22 18	24 35			n.a.
T 22	3 27	4s34	3 47	8 52	0 15	1 42	0 36	16 6	0 58	13 48	1 4	15 39	2 29	14 13	0 15	6 51	2 3	30 6	17 6	22 9	22 17	24 34			n.a.
F 23	3 4	10 4	2 56	9 14	0s 1	2 14	0 34	16 18	0 59	13 47	1 5	15 41	2 29	14 13	0 15	6 50	2 3	30 7	17 6	22 8	22 17	24 33			n.a.
S 24	2 41	15 12	1 55	9 33	0 16	2 45	0 32	16 30	0 59	13 46	1 5	15 42	2 29	14 14	0 15	6 50	2 3	30 7	17 5	22 7	22 16	24 32			n.a.
S 25	2 17	19 41	0 47	9 50	0 31	3 17	0 30	16 42	0 59	13 45	1 5	15 43	2 29	14 15	0 15	6 49	2 3	30 7	17 5	22 7	22 16	24 31			n.a.
M26	1 54	23 11	0s25	10 5	0 46	3 48	0 27	16 53	0 59	13 44	1 5	15 44	2 29	14 16	0 15	6 48	2 3	30 7	17 5	22 7	22 15	24 30			n.a.
T 27	1 31	25 24	1 37	10 17	1 0	4 20	0 25	17 5	1 0	13 42	1 5	15 45	2 29	14 17	0 15	6 48	2 3	30 8	17 5	22 7	22 15	24 30			n.a.
W28	1 7	26 2	2 44	10 27	1 13	4 51	0 23	17 17	1 0	13 41	1 5	15 47	2 29	14 18	0 15	6 47	2 3	30 8	17 4	22 7	22 14	24 29			n.a.
T 29	0 44	24 57	3 42	10 35	1 25	5 22	0 20	17 28	1 0	13 40	1 5	15 48	2 28	14 19	0 15	6 47	2 4	30 8	17 4	22 6	22 14	24 28			n.a.
F 30	0 21	22 12	4 26	10 40	1 37	5 53	0 18	17 40	1 1	13 38	1 5	15 49	2 28	14 20	0 14	6 46	2 4	30 8	17 4	22 6	22 13	24 27			n.a.
S 31	0n 3	18s 1	4s54	10s42	1s48	6n24	0s15	17n51	1n 1	13s37	1n 5	15n50	2n28	14n21	0s14	6s46	2n 4	30n 8	17n 3	22n 5	22n13	24n26			n.a.

Julian Day Number = 1358058.5, Delta T = 07h01m25s
Ecliptic obliquity = 23°48'53, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°48'36, Lahiri = -17°41'35 Julian Calendar 1 March 995 BCE == Greg. Calendar 20 Feb. 995 BCE

The year -994 astronomical counting style corresponds to year 995 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 995 BCE
geocentric

APRIL 995 BCE (-994) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 57 56	1♈ 4'54	9♓36	7♓30	17♈52	16♉35	8°R40	24°R36	8♉36	21°R53	22°R43	8°R24	9♊24	29♋36	n.a.	S 1
M 2	12 1 53	2° 2'44	24°10	7°59	19° 5	17°13	8♏35	24♌33	8°39	21♎52	22♌41	8♊14	9°21	29°43	n.a.	M 2
T 3	12 5 49	3° 0'33	8♈30	8°32	20°18	17°50	8°31	24°30	8°42	21°50	22°40	8° 4	9°18	29°50	n.a.	T 3
W 4	12 9 46	3°58'21	22°31	9° 8	21°32	18°27	8°26	24°27	8°46	21°49	22°39	7°55	9°14	29°56	n.a.	W 4
T 5	12 13 42	4°56'07	6♉ 8	9°49	22°45	19° 4	8°21	24°24	8°49	21°47	22°38	7°49	9°11	0♌ 3	n.a.	T 5
F 6	12 17 39	5°53'51	19°20	10°33	23°59	19°41	8°15	24°21	8°52	21°46	22°37	7°45	9° 8	0°10	n.a.	F 6
S 7	12 21 35	6°51'34	2♊ 9	11°21	25°12	20°18	8°10	24°18	8°55	21°44	22°36	7°D44	9° 5	0°16	n.a.	S 7
S 8	12 25 32	7°49'14	14°37	12°12	26°25	20°56	8° 4	24°16	8°58	21°43	22°35	7°44	9° 2	0°23	n.a.	S 8
M 9	12 29 29	8°46'54	26°47	13° 7	27°39	21°33	7°59	24°13	9° 1	21°41	22°34	7°44	8°59	0°30	n.a.	M 9
T 10	12 33 25	9°44'31	8♋46	14° 5	28°52	22°10	7°53	24°11	9° 4	21°39	22°33	7°R45	8°55	0°36	n.a.	T 10
W11	12 37 22	10°42'07	20°38	15° 6	0♉ 5	22°47	7°47	24° 8	9° 8	21°38	22°32	7°44	8°52	0°43	n.a.	W11
T 12	12 41 18	11°39'41	2♌29	16°10	1°18	23°24	7°41	24° 6	9°11	21°36	22°31	7°42	8°49	0°50	n.a.	T 12
F 13	12 45 15	12°37'14	14°23	17°17	2°31	24° 1	7°35	24° 3	9°14	21°35	22°30	7°37	8°46	0°57	n.a.	F 13
S 14	12 49 11	13°34'45	26°24	18°26	3°45	24°39	7°28	24° 1	9°17	21°33	22°29	7°31	8°43	1° 3	n.a.	S 14
S 15	12 53 8	14°32'14	8♍36	19°39	4°58	25°16	7°22	23°59	9°21	21°32	22°28	7°23	8°39	1°10	n.a.	S 15
M16	12 57 4	15°29'42	21° 1	20°54	6°11	25°53	7°16	23°57	9°24	21°30	22°27	7°14	8°36	1°17	n.a.	M16
T 17	13 1 1	16°27'09	3♎41	22°12	7°24	26°30	7° 9	23°55	9°27	21°28	22°26	7° 5	8°33	1°23	n.a.	T 17
W18	13 4 58	17°24'34	16°35	23°32	8°37	27° 7	7° 2	23°53	9°31	21°27	22°26	6°56	8°30	1°30	n.a.	W18
T 19	13 8 54	18°21'58	29°44	24°55	9°50	27°45	6°55	23°52	9°34	21°25	22°25	6°50	8°27	1°37	n.a.	T 19
F 20	13 12 51	19°19'21	13♏ 5	26°21	11° 3	28°22	6°49	23°50	9°37	21°23	22°24	6°45	8°24	1°43	n.a.	F 20
S 21	13 16 47	20°16'44	26°38	27°49	12°16	28°59	6°42	23°48	9°41	21°22	22°23	6°43	8°20	1°50	n.a.	S 21
S 22	13 20 44	21°14'05	10♐21	29°20	13°29	29°36	6°35	23°47	9°44	21°20	22°23	6°D43	8°17	1°57	n.a.	S 22
M23	13 24 40	22°11'26	24°13	0♈53	14°42	0♊14	6°27	23°45	9°47	21°19	22°22	6°44	8°14	2° 3	n.a.	M23
T 24	13 28 37	23° 8'45	8♑13	2°28	15°54	0°51	6°20	23°44	9°51	21°17	22°21	6°45	8°11	2°10	n.a.	T 24
W25	13 32 33	24° 6'05	22°20	4° 6	17° 7	1°28	6°13	23°43	9°54	21°15	22°21	6°R46	8° 8	2°17	n.a.	W25
T 26	13 36 30	25° 3'23	6♒32	5°47	18°20	2° 5	6° 6	23°42	9°58	21°14	22°20	6°45	8° 4	2°24	n.a.	T 26
F 27	13 40 27	26° 0'41	20°48	7°30	19°33	2°43	5°58	23°41	10° 1	21°12	22°20	6°43	8° 1	2°30	n.a.	F 27
S 28	13 44 23	26°57'58	5♓ 5	9°15	20°46	3°20	5°51	23°40	10° 5	21°11	22°19	6°39	7°58	2°37	n.a.	S 28
S 29	13 48 20	27°55'14	19°19	11° 3	21°58	3°57	5°43	23°39	10° 8	21° 9	22°19	6°34	7°55	2°44	n.a.	S 29
M30	13 52 16	28♈52'30	3♈26	12♈53	23♉11	4♊34	5♏36	23♌38	10♉12	21♎ 7	22♌18	6♊28	7♊52	2♌50	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n26	12s45	5s 2	10s42	1s58	6n55	0s13	18n 2	1n 1	13s35	1n 5	15n51	2n28	14n22	0s14	6s45	2n 4	30n 9	17n 3	22n 3	22n12	24n25		n.a.
M 2	0 50	6 48	4 51	10 40	2 7	7 26	0 10	18 13	1 2	13 34	1 5	15 52	2 28	14 23	0 14	6 44	2 4	30 9	17 3	22 1	22 12	24 24		n.a.
T 3	1 13	0 34	4 21	10 35	2 15	7 56	0 8	18 24	1 2	13 32	1 5	15 53	2 28	14 24	0 14	6 44	2 4	30 9	17 2	22 0	22 11	24 23		n.a.
W 4	1 36	5n33	3 36	10 28	2 23	8 26	0 5	18 35	1 2	13 31	1 5	15 54	2 28	14 25	0 14	6 43	2 4	30 9	17 2	21 58	22 11	24 22		n.a.
T 5	1 59	11 16	2 40	10 19	2 30	8 56	0 3	18 46	1 2	13 29	1 5	15 55	2 28	14 26	0 14	6 43	2 4	30 9	17 2	21 57	22 10	24 21		n.a.
F 6	2 23	16 17	1 37	10 8	2 36	9 26	0 0	18 56	1 3	13 27	1 5	15 55	2 28	14 27	0 14	6 42	2 4	30 9	17 1	21 57	22 10	24 20		n.a.
S 7	2 46	20 26	0 30	9 54	2 42	9 56	0n 2	19 7	1 3	13 26	1 5	15 56	2 27	14 28	0 14	6 41	2 4	30 9	17 1	21 56	22 10	24 19		n.a.
S 8	3 9	23 31	0n37	9 38	2 46	10 26	0 5	19 17	1 3	13 24	1 5	15 57	2 27	14 29	0 14	6 41	2 4	30 9	17 1	21 56	22 9	24 19		n.a.
M 9	3 32	25 27	1 40	9 21	2 50	10 55	0 7	19 27	1 3	13 22	1 5	15 58	2 27	14 30	0 14	6 40	2 4	30 9	17 0	21 57	22 9	24 18		n.a.
T 10	3 55	26 9	2 38	9 1	2 53	11 24	0 10	19 37	1 4	13 20	1 5	15 59	2 27	14 31	0 14	6 40	2 4	30 9	17 0	21 57	22 8	24 17		n.a.
W11	4 18	25 38	3 29	8 39	2 56	11 52	0 13	19 47	1 4	13 18	1 5	15 59	2 27	14 32	0 14	6 39	2 4	30 9	17 0	21 57	22 8	24 16		n.a.
T 12	4 41	23 58	4 10	8 15	2 57	12 21	0 15	19 57	1 4	13 16	1 5	16 0	2 27	14 33	0 14	6 38	2 4	30 9	16 59	21 56	22 7	24 15		n.a.
F 13	5 4	21 15	4 41	7 50	2 58	12 49	0 18	20 7	1 4	13 14	1 5	16 1	2 27	14 34	0 14	6 38	2 4	30 9	16 59	21 55	22 7	24 14		n.a.
S 14	5 26	17 36	5 0	7 22	2 58	13 17	0 20	20 16	1 5	13 12	1 5	16 1	2 26	14 35	0 14	6 37	2 4	30 9	16 58	21 54	22 6	24 13		n.a.
S 15	5 49	13 11	5 6	6 53	2 58	13 44	0 23	20 26	1 5	13 10	1 5	16 2	2 26	14 36	0 14	6 37	2 4	30 9	16 58	21 53	22 6	24 12		n.a.
M16	6 12	8 9	4 57	6 22	2 57	14 11	0 26	20 35	1 5	13 8	1 5	16 2	2 26	14 37	0 14	6 36	2 4	30 9	16 58	21 51	22 5	24 11		n.a.
T 17	6 34	2 41	4 34	5 49	2 55	14 38	0 28	20 44	1 5	13 6	1 5	16 3	2 26	14 39	0 14	6 35	2 4	30 9	16 57	21 50	22 5	24 10		n.a.
W18	6 56	2s59	3 56	5 14	2 53	15 5	0 31	20 53	1 5	13 3	1 5	16 3	2 26	14 40	0 14	6 35	2 4	30 9	16 57	21 49	22 4	24 9		n.a.
T 19	7 19	8 40	3 6	4 38	2 50	15 31	0 33	21 2	1 6	13 1	1 5	16 4	2 26	14 41	0 14	6 34	2 4	30 9	16 56	21 47	22 3	24 8		n.a.
F 20	7 41	14 3	2 4	4 0	2 46	15 57	0 36	21 11	1 6	12 59	1 5	16 4	2 25	14 42	0 14	6 34	2 4	30 8	16 56	21 47	22 3	24 7		n.a.
S 21	8 3	18 50	0 54	3 21	2 42	16 22	0 38	21 19	1 6	12 57	1 5	16 4	2 25	14 43	0 14	6 33	2 4	30 8	16 56	21 46	22 2	24 5		n.a.
S 22	8 25	22 40	0s20	2 40	2 37	16 47	0 41	21 28	1 6	12 54	1 5	16 5	2 25	14 44	0 14	6 32	2 4	30 8	16 55	21 46	22 2	24 4		n.a.
M23	8 46	25 14	1 33	1 57	2 32	17 11	0 43	21 36	1 6	12 52	1 5	16 5	2 25	14 45	0 14	6 32	2 4	30 8	16 55	21 46	22 1	24 3		n.a.
T 24	9 8	26 15	2 42	1 13	2 26	17 35	0 46	21 44	1 7	12 50	1 4	16 5	2 25	14 46	0 14	6 31	2 4	30 8	16 54	21 47	22 1	24 2		n.a.
W25	9 29	25 34	3 42	0 28	2 19	17 59	0 48	21 52	1 7	12 47	1 4	16 6	2 25	14 47	0 14	6 31	2 4	30 8	16 54	21 47	22 0	24 1		n.a.
T 26	9 51	23 15	4 28	0n19	2 12	18 22	0 51	22 0	1 7	12 45	1 4	16 6	2 24	14 49	0 14	6 30	2 4	30 7	16 53	21 47	22 0	24 0		n.a.
F 27	10 12	19 29	4 58	1 7	2 5	18 45	0 53	22 7	1 7	12 43	1 4	16 6	2 24	14 50	0 14	6 29	2 4	30 7	16 53	21 46	21 59	23 59		n.a.
S 28	10 33	14 35	5 10	1 56	1 57	19 7	0 56	22 15	1 7	12 40	1 4	16 6	2 24	14 51	0 14	6 29	2 4	30 7	16 52	21 46	21 59	23 58		n.a.
S 29	10 54	8 55	5 2	2 47	1 48	19 29	0 58	22 22	1 7	12 38	1 4	16 6	2 24	14 52	0 14	6 28	2 4	30 7	16 52	21 45	21 58	23 57		n.a.
M30	11n15	2s50	4s36	3n39	1s39	19n50	1n 0	22n30	1n 8	12s35	1n 4	16n 6	2n24	14n53	0s14	6s28	2n 4	30n 6	16n51	21n44	21n58	23n56		n.a.

Julian Day Number = 1358089.5, Delta T = 07h01m23s
Ecliptic obliquity = 23°48'54, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°48'31, Lahiri = -17°41'31 Julian Calendar 1 Apr. 995 BCE == Greg. Calendar 23 March 995 BCE

The year -994 astronomical counting style corresponds to year 995 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 995 BCE
geocentric

MAY 995 BCE (-994) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 56 13	29♈49'45	17♈21	14♈45	24♉24	5♊12	5°R28	23°R38	10♉15	21°R 6	22°R18	6°R22	7♊49	2♌57	n.a.	T 1
W 2	14 0 9	0♉47'00	1♉ 0	16°40	25°37	5°49	5♏21	23♌37	10°19	21♎ 4	22♌18	6♊18	7°45	3° 4	n.a.	W 2
T 3	14 4 6	1°44'13	14°21	18°37	26°49	6°26	5°13	23°37	10°22	21° 3	22°17	6°14	7°42	3°10	n.a.	T 3
F 4	14 8 2	2°41'26	27°23	20°36	28° 2	7° 4	5° 5	23°37	10°26	21° 1	22°17	6°12	7°39	3°17	n.a.	F 4
S 5	14 11 59	3°38'38	10♊ 5	22°37	29°14	7°41	4°58	23°36	10°29	20°59	22°17	6°D12	7°36	3°24	n.a.	S 5
S 6	14 15 56	4°35'50	22°30	24°40	0♊27	8°18	4°50	23°36	10°33	20°58	22°17	6°13	7°33	3°31	n.a.	S 6
M 7	14 19 52	5°33'00	4♋41	26°45	1°39	8°56	4°43	23°D36	10°36	20°56	22°16	6°15	7°30	3°37	n.a.	M 7
T 8	14 23 49	6°30'10	16°40	28°52	2°52	9°33	4°35	23°36	10°40	20°55	22°16	6°16	7°26	3°44	n.a.	T 8
W 9	14 27 45	7°27'19	28°34	1♉ 0	4° 4	10°10	4°27	23°37	10°43	20°53	22°16	6°17	7°23	3°51	n.a.	W 9
T 10	14 31 42	8°24'27	10♌26	3° 9	5°17	10°48	4°20	23°37	10°47	20°52	22°16	6°R18	7°20	3°57	n.a.	T 10
F 11	14 35 38	9°21'35	22°21	5°19	6°29	11°25	4°12	23°37	10°51	20°50	22°16	6°17	7°17	4° 4	n.a.	F 11
S 12	14 39 35	10°18'42	4♍24	7°29	7°42	12° 2	4° 4	23°38	10°54	20°49	22°16	6°15	7°14	4°11	n.a.	S 12
S 13	14 43 31	11°15'48	16°40	9°41	8°54	12°40	3°57	23°38	10°58	20°47	22°D16	6°12	7°10	4°17	n.a.	S 13
M14	14 47 28	12°12'53	29°11	11°52	10° 6	13°17	3°49	23°39	11° 1	20°46	22°16	6° 9	7° 7	4°24	n.a.	M14
T 15	14 51 25	13° 9'58	11♎59	14° 3	11°18	13°55	3°42	23°40	11° 5	20°44	22°16	6° 5	7° 4	4°31	n.a.	T 15
W16	14 55 21	14° 7'02	25° 7	16°14	12°31	14°32	3°35	23°41	11° 8	20°43	22°16	6° 2	7° 1	4°38	n.a.	W16
T 17	14 59 18	15° 4'06	8♏34	18°24	13°43	15° 9	3°27	23°42	11°12	20°41	22°16	6° 0	6°58	4°44	n.a.	T 17
F 18	15 3 14	16° 1'10	22°17	20°34	14°55	15°47	3°20	23°43	11°15	20°40	22°16	5°58	6°55	4°51	n.a.	F 18
S 19	15 7 11	16°58'14	6♐15	22°42	16° 7	16°24	3°13	23°44	11°19	20°38	22°16	5°D58	6°51	4°58	n.a.	S 19
S 20	15 11 7	17°55'17	20°25	24°49	17°19	17° 2	3° 5	23°45	11°23	20°37	22°17	5°58	6°48	5° 4	n.a.	S 20
M21	15 15 4	18°52'21	4♑41	26°54	18°31	17°39	2°58	23°47	11°26	20°36	22°17	5°59	6°45	5°11	n.a.	M21
T 22	15 19 1	19°49'25	19° 0	28°58	19°43	18°17	2°51	23°48	11°30	20°34	22°17	6° 0	6°42	5°18	n.a.	T 22
W23	15 22 57	20°46'29	3♒20	1♊ 1	20°55	18°54	2°44	23°50	11°33	20°33	22°17	6° 1	6°39	5°25	n.a.	W23
T 24	15 26 54	21°43'33	17°36	3° 1	22° 7	19°32	2°37	23°51	11°37	20°32	22°18	6°R 2	6°36	5°31	n.a.	T 24
F 25	15 30 50	22°40'38	1♓46	5° 0	23°19	20° 9	2°31	23°53	11°40	20°30	22°18	6° 2	6°32	5°38	n.a.	F 25
S 26	15 34 47	23°37'43	15°49	6°57	24°31	20°47	2°24	23°55	11°44	20°29	22°19	6° 1	6°29	5°45	n.a.	S 26
S 27	15 38 43	24°34'48	29°41	8°51	25°43	21°24	2°17	23°57	11°47	20°28	22°19	6° 0	6°26	5°51	n.a.	S 27
M28	15 42 40	25°31'53	13♈22	10°44	26°54	22° 2	2°11	23°59	11°51	20°26	22°20	5°58	6°23	5°58	n.a.	M28
T 29	15 46 36	26°28'59	26°50	12°35	28° 6	22°39	2° 4	24° 1	11°54	20°25	22°20	5°57	6°20	6° 5	n.a.	T 29
W30	15 50 33	27°26'05	10♉ 4	14°24	29°18	23°17	1°58	24° 3	11°58	20°24	22°21	5°56	6°16	6°11	n.a.	W30
T 31	15 54 30	28♉23'11	23♉ 4	16♊11	0♋29	23♊54	1♏52	24♌ 6	12♉ 1	20♎23	22♌21	5♊56	6♊13	6♌18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11n35	3n19	3s55	4n32	1s30	20n11	1n 3	22n37	1n 8	12s33	1n 4	16n 6	2n23	14n54	0s14	6s27	2n 4	30n 6	16n51	21n43	21n57	23n55			n.a.
W 2	11 56	9 12	3 0	5 25	1 20	20 31	1 5	22 44	1 8	12 30	1 4	16 6	2 23	14 55	0 14	6 26	2 4	30 6	16 51	21 42	21 57	23 54			n.a.
T 3	12 16	14 33	1 56	6 20	1 10	20 50	1 7	22 50	1 8	12 28	1 4	16 6	2 23	14 56	0 14	6 26	2 4	30 5	16 50	21 41	21 56	23 52			n.a.
F 4	12 36	19 6	0 48	7 15	1 0	21 9	1 9	22 57	1 8	12 26	1 4	16 6	2 23	14 58	0 14	6 25	2 4	30 5	16 50	21 41	21 56	23 51			n.a.
S 5	12 56	22 40	0n21	8 10	0 49	21 28	1 11	23 3	1 8	12 23	1 3	16 6	2 23	14 59	0 14	6 25	2 4	30 5	16 49	21 41	21 55	23 50			n.a.
S 6	13 15	25 4	1 28	9 6	0 39	21 46	1 13	23 10	1 9	12 21	1 3	16 6	2 23	15 0	0 14	6 24	2 4	30 4	16 49	21 41	21 55	23 49			n.a.
M 7	13 35	26 13	2 30	10 2	0 28	22 3	1 16	23 16	1 9	12 18	1 3	16 6	2 22	15 1	0 14	6 23	2 4	30 4	16 48	21 41	21 54	23 48			n.a.
T 8	13 54	26 7	3 24	10 58	0 17	22 20	1 18	23 22	1 9	12 16	1 3	16 6	2 22	15 2	0 14	6 23	2 4	30 4	16 48	21 42	21 54	23 47			n.a.
W 9	14 13	24 49	4 8	11 54	0 6	22 36	1 20	23 28	1 9	12 13	1 3	16 5	2 22	15 3	0 14	6 22	2 4	30 3	16 47	21 42	21 53	23 46			n.a.
T 10	14 32	22 25	4 42	12 50	0n 5	22 51	1 22	23 33	1 9	12 11	1 3	16 5	2 22	15 4	0 14	6 22	2 4	30 3	16 47	21 42	21 53	23 44			n.a.
F 11	14 50	19 4	5 4	13 44	0 15	23 6	1 23	23 39	1 9	12 8	1 3	16 5	2 22	15 5	0 14	6 21	2 4	30 2	16 46	21 42	21 52	23 43			n.a.
S 12	15 9	14 54	5 13	14 38	0 25	23 20	1 25	23 44	1 9	12 6	1 3	16 4	2 21	15 7	0 14	6 21	2 4	30 2	16 46	21 41	21 51	23 42			n.a.
S 13	15 27	10 4	5 8	15 30	0 36	23 34	1 27	23 49	1 9	12 3	1 2	16 4	2 21	15 8	0 14	6 20	2 4	30 1	16 45	21 41	21 51	23 41			n.a.
M14	15 45	4 44	4 49	16 21	0 45	23 47	1 29	23 54	1 10	12 1	1 2	16 4	2 21	15 9	0 14	6 20	2 3	30 1	16 45	21 40	21 50	23 40			n.a.
T 15	16 2	0s55	4 15	17 10	0 54	23 59	1 30	23 59	1 10	11 58	1 2	16 3	2 21	15 10	0 14	6 19	2 3	30 0	16 44	21 40	21 50	23 38			n.a.
W16	16 19	6 41	3 26	17 58	1 3	24 10	1 32	24 3	1 10	11 56	1 2	16 3	2 21	15 11	0 14	6 19	2 3	30 0	16 44	21 39	21 49	23 37			n.a.
T 17	16 37	12 17	2 25	18 43	1 12	24 21	1 34	24 8	1 10	11 54	1 2	16 2	2 20	15 12	0 14	6 18	2 3	29 59	16 43	21 39	21 49	23 36			n.a.
F 18	16 53	17 26	1 15	19 26	1 19	24 31	1 35	24 12	1 10	11 51	1 2	16 2	2 20	15 13	0 14	6 17	2 3	29 59	16 43	21 38	21 48	23 35			n.a.
S 19	17 10	21 43	0s 2	20 7	1 26	24 41	1 37	24 16	1 10	11 49	1 1	16 1	2 20	15 14	0 14	6 17	2 3	29 58	16 42	21 38	21 48	23 34			n.a.
S 20	17 26	24 46	1 19	20 46	1 33	24 49	1 38	24 20	1 10	11 47	1 1	16 0	2 20	15 16	0 14	6 16	2 3	29 58	16 42	21 38	21 47	23 32			n.a.
M21	17 42	26 16	2 32	21 22	1 38	24 58	1 39	24 24	1 10	11 44	1 1	16 0	2 20	15 17	0 14	6 16	2 3	29 57	16 41	21 39	21 47	23 31			n.a.
T 22	17 58	26 0	3 36	21 55	1 43	25 5	1 41	24 27	1 10	11 42	1 1	15 59	2 19	15 18	0 14	6 15	2 3	29 57	16 41	21 39	21 46	23 30			n.a.
W23	18 14	24 1	4 26	22 26	1 48	25 11	1 42	24 31	1 10	11 40	1 1	15 58	2 19	15 19	0 14	6 15	2 3	29 56	16 40	21 39	21 46	23 29			n.a.
T 24	18 29	20 33	5 0	22 55	1 52	25 17	1 43	24 34	1 10	11 38	1 0	15 58	2 19	15 20	0 14	6 15	2 3	29 55	16 40	21 39	21 45	23 27			n.a.
F 25	18 44	15 54	5 15	23 21	1 55	25 22	1 44	24 37	1 11	11 36	1 0	15 57	2 19	15 21	0 14	6 14	2 3	29 55	16 39	21 39	21 44	23 26			n.a.
S 26	18 58	10 27	5 11	23 44	1 57	25 27	1 45	24 40	1 11	11 33	1 0	15 56	2 19	15 22	0 14	6 14	2 3	29 54	16 39	21 39	21 44	23 25			n.a.
S 27	19 13	4 32	4 50	24 4	1 59	25 30	1 46	24 42	1 11	11 31	1 0	15 55	2 18	15 23	0 14	6 13	2 3	29 54	16 38	21 39	21 43	23 23			n.a.
M28	19 27	1n30	4 11	24 23	1 59	25 33	1 47	24 45	1 11	11 29	1 0	15 54	2 18	15 24	0 14	6 13	2 3	29 53	16 38	21 38	21 43	23 22			n.a.
T 29	19 40	7 24	3 20	24 38	2 0	25 35	1 47	24 47	1 11	11 27	0 59	15 53	2 18	15 26	0 14	6 12	2 3	29 52	16 37	21 38	21 42	23 21			n.a.
W30	19 54	12 53	2 18	24 52	1 59	25 37	1 48	24 49	1 11	11 25	0 59	15 52	2 18	15 27	0 14	6 12	2 3	29 52	16 37	21 38	21 42	23 20			n.a.
T 31	20n 7	17n41	1s11	25n 3	1n58	25n38	1n49	24n51	1n11	11s23	0n59	15n51	2n18	15n28	0s14	6s11	2n 3	29n51	16n36	21n38	21n41	23n18			n.a.

Julian Day Number = 1358119.5, Delta T = 07h01m22s
Ecliptic obliquity = 23°48'54, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°48'27, Lahiri = -17°41'27 Julian Calendar 1 May 995 BCE == Greg. Calendar 22 Apr. 995 BCE

The year -994 astronomical counting style corresponds to year 995 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 995 BCE
geocentric

JUNE 995 BCE (-994) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 58 26	29♉20'18	5♊49	17♊56	1♋41	24♊32	1°R46	24♌ 8	12♉ 4	20°R22	22♌22	5°D55	6♊10	6♌25	n.a.	F 1
S 2	16 2 23	0♊17'25	18°19	19°39	2°53	25°10	1♏40	24°11	12° 8	20♎20	22°22	5♊56	6° 7	6°32	n.a.	S 2
S 3	16 6 19	1°14'32	0♋36	21°20	4° 4	25°47	1°34	24°13	12°11	20°19	22°23	5°56	6° 4	6°38	n.a.	S 3
M 4	16 10 16	2°11'40	12°43	22°59	5°16	26°25	1°28	24°16	12°15	20°18	22°24	5°56	6° 1	6°45	n.a.	M 4
T 5	16 14 12	3° 8'48	24°40	24°35	6°27	27° 3	1°23	24°19	12°18	20°17	22°25	5°57	5°57	6°52	n.a.	T 5
W 6	16 18 9	4° 5'55	6♌33	26°10	7°39	27°40	1°17	24°22	12°21	20°16	22°25	5°57	5°54	6°58	n.a.	W 6
T 7	16 22 6	5° 3'03	18°25	27°43	8°50	28°18	1°12	24°25	12°25	20°15	22°26	5°57	5°51	7° 5	n.a.	T 7
F 8	16 26 2	6° 0'12	0♍20	29°14	10° 1	28°56	1° 7	24°28	12°28	20°14	22°27	5°57	5°48	7°12	n.a.	F 8
S 9	16 29 59	6°57'20	12°23	0♋42	11°12	29°33	1° 2	24°31	12°31	20°13	22°28	5°57	5°45	7°19	n.a.	S 9
S 10	16 33 55	7°54'29	24°38	2° 9	12°24	0♋11	0°57	24°34	12°35	20°12	22°29	5°57	5°42	7°25	n.a.	S 10
M11	16 37 52	8°51'38	7♎ 9	3°33	13°35	0°49	0°53	24°37	12°38	20°11	22°30	5°57	5°38	7°32	n.a.	M11
T 12	16 41 48	9°48'47	20° 0	4°55	14°46	1°26	0°48	24°41	12°41	20°10	22°31	5°58	5°35	7°39	n.a.	T 12
W13	16 45 45	10°45'57	3♏14	6°15	15°57	2° 4	0°44	24°44	12°45	20° 9	22°32	5°58	5°32	7°45	n.a.	W13
T 14	16 49 41	11°43'07	16°51	7°33	17° 8	2°42	0°40	24°48	12°48	20° 8	22°33	5°59	5°29	7°52	n.a.	T 14
F 15	16 53 38	12°40'18	0♐50	8°49	18°19	3°20	0°35	24°51	12°51	20° 8	22°34	5°R59	5°26	7°59	n.a.	F 15
S 16	16 57 35	13°37'30	15°10	10° 2	19°30	3°57	0°32	24°55	12°54	20° 7	22°35	5°59	5°22	8° 5	n.a.	S 16
S 17	17 1 31	14°34'42	29°45	11°13	20°41	4°35	0°28	24°59	12°57	20° 6	22°36	5°58	5°19	8°12	n.a.	S 17
M18	17 5 28	15°31'56	14♑28	12°21	21°51	5°13	0°24	25° 3	13° 0	20° 5	22°37	5°58	5°16	8°19	n.a.	M18
T 19	17 9 24	16°29'10	29°13	13°27	23° 2	5°51	0°21	25° 7	13° 4	20° 5	22°38	5°56	5°13	8°26	n.a.	T 19
W20	17 13 21	17°26'25	13♒53	14°30	24°13	6°29	0°18	25°11	13° 7	20° 4	22°39	5°55	5°10	8°32	n.a.	W20
T 21	17 17 17	18°23'42	28°22	15°30	25°23	7° 7	0°15	25°15	13°10	20° 3	22°41	5°54	5° 7	8°39	n.a.	T 21
F 22	17 21 14	19°20'59	12♓37	16°28	26°34	7°45	0°12	25°19	13°13	20° 3	22°42	5°54	5° 3	8°46	n.a.	F 22
S 23	17 25 11	20°18'18	26°35	17°22	27°44	8°22	0° 9	25°23	13°16	20° 2	22°43	5°D54	5° 0	8°52	n.a.	S 23
S 24	17 29 7	21°15'38	10♈15	18°14	28°55	9° 0	0° 7	25°28	13°19	20° 1	22°44	5°54	4°57	8°59	n.a.	S 24
M25	17 33 4	22°13'00	23°38	19° 2	0♌ 5	9°38	0° 4	25°32	13°22	20° 1	22°46	5°55	4°54	9° 6	n.a.	M25
T 26	17 37 0	23°10'23	6♉45	19°46	1°15	10°16	0° 2	25°36	13°25	20° 0	22°47	5°57	4°51	9°13	n.a.	T 26
W27	17 40 57	24° 7'47	19°37	20°27	2°25	10°54	0° 0	25°41	13°28	20° 0	22°48	5°58	4°47	9°19	n.a.	W27
T 28	17 44 53	25° 5'12	2♊15	21° 5	3°36	11°32	29♎59	25°46	13°30	19°59	22°50	5°R58	4°44	9°26	n.a.	T 28
F 29	17 48 50	26° 2'39	14°42	21°38	4°46	12°10	29°57	25°50	13°33	19°59	22°51	5°58	4°41	9°33	n.a.	F 29
S 30	17 52 46	27♊ 0'07	26♊58	22♋ 7	5♌56	12♋48	29♎56	25♌55	13♉36	19♎59	22♌53	5♊57	4♊38	9♌39	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n19	21n36	0s 1	25n12	1n57	25n37	1n49	24n53	1n11	11s21	0n59	15n50	2n17	15n29	0s14	6s11	2n 3	29n50	16n36	21n38	21n41	23n17		n.a.
S 2	20 32	24 25	1n 8	25 19	1 55	25 37	1 50	24 55	1 11	11 19	0 59	15 49	2 17	15 30	0 14	6 11	2 3	29 50	16 35	21 38	21 40	23 16		n.a.
S 3	20 44	26 1	2 13	25 23	1 52	25 35	1 50	24 56	1 11	11 18	0 58	15 48	2 17	15 31	0 14	6 10	2 3	29 49	16 35	21 38	21 39	23 14		n.a.
M 4	20 56	26 21	3 10	25 26	1 49	25 33	1 50	24 57	1 11	11 16	0 58	15 47	2 17	15 32	0 14	6 10	2 3	29 48	16 34	21 38	21 39	23 13		n.a.
T 5	21 7	25 26	3 59	25 27	1 45	25 30	1 51	24 58	1 11	11 14	0 58	15 46	2 17	15 33	0 14	6 10	2 3	29 48	16 34	21 38	21 38	23 12		n.a.
W 6	21 18	23 23	4 36	25 26	1 40	25 26	1 51	24 59	1 11	11 12	0 58	15 45	2 17	15 34	0 14	6 9	2 3	29 47	16 33	21 38	21 38	23 10		n.a.
T 7	21 29	20 19	5 2	25 23	1 35	25 21	1 51	25 0	1 11	11 11	0 57	15 44	2 16	15 35	0 14	6 9	2 2	29 46	16 33	21 38	21 37	23 9		n.a.
F 8	21 39	16 26	5 15	25 18	1 30	25 16	1 51	25 0	1 11	11 9	0 57	15 43	2 16	15 36	0 14	6 8	2 2	29 45	16 32	21 38	21 37	23 8		n.a.
S 9	21 49	11 51	5 15	25 12	1 24	25 10	1 51	25 0	1 11	11 8	0 57	15 41	2 16	15 37	0 14	6 8	2 2	29 45	16 32	21 38	21 36	23 6		n.a.
S 10	21 58	6 45	5 0	25 5	1 17	25 3	1 50	25 0	1 11	11 6	0 57	15 40	2 16	15 38	0 14	6 8	2 2	29 44	16 31	21 38	21 35	23 5		n.a.
M11	22 7	1 16	4 31	24 56	1 10	24 56	1 50	25 0	1 11	11 5	0 56	15 39	2 16	15 39	0 14	6 8	2 2	29 43	16 31	21 38	21 35	23 3		n.a.
T 12	22 16	4s25	3 48	24 46	1 3	24 48	1 50	25 0	1 11	11 3	0 56	15 37	2 15	15 40	0 14	6 7	2 2	29 42	16 30	21 38	21 34	23 2		n.a.
W13	22 25	10 6	2 52	24 35	0 55	24 39	1 49	24 59	1 11	11 2	0 56	15 36	2 15	15 41	0 14	6 7	2 2	29 41	16 30	21 38	21 34	23 1		n.a.
T 14	22 33	15 28	1 44	24 22	0 47	24 30	1 49	24 59	1 12	11 1	0 56	15 35	2 15	15 42	0 14	6 7	2 2	29 41	16 29	21 39	21 33	22 59		n.a.
F 15	22 40	20 11	0 28	24 9	0 38	24 19	1 48	24 58	1 12	11 0	0 55	15 33	2 15	15 43	0 14	6 6	2 2	29 40	16 29	21 39	21 33	22 58		n.a.
S 16	22 48	23 49	0s51	23 54	0 29	24 8	1 47	24 57	1 12	10 59	0 55	15 32	2 15	15 44	0 14	6 6	2 2	29 39	16 28	21 39	21 32	22 56		n.a.
S 17	22 54	25 57	2 8	23 39	0 19	23 57	1 46	24 56	1 12	10 57	0 55	15 30	2 15	15 45	0 14	6 6	2 2	29 38	16 28	21 38	21 31	22 55		n.a.
M18	23 1	26 17	3 17	23 23	0 9	23 45	1 45	24 54	1 12	10 56	0 55	15 29	2 14	15 46	0 14	6 6	2 2	29 37	16 27	21 38	21 31	22 54		n.a.
T 19	23 7	24 46	4 14	23 6	0s 1	23 32	1 44	24 52	1 12	10 55	0 54	15 27	2 14	15 47	0 14	6 5	2 2	29 37	16 27	21 38	21 30	22 52		n.a.
W20	23 13	21 35	4 53	22 49	0 12	23 18	1 43	24 51	1 12	10 55	0 54	15 26	2 14	15 48	0 14	6 5	2 2	29 36	16 27	21 38	21 30	22 51		n.a.
T 21	23 18	17 6	5 13	22 32	0 22	23 4	1 42	24 49	1 12	10 54	0 54	15 24	2 14	15 49	0 14	6 5	2 2	29 35	16 26	21 38	21 29	22 49		n.a.
F 22	23 23	11 45	5 14	22 14	0 34	22 49	1 41	24 46	1 12	10 53	0 54	15 23	2 14	15 50	0 14	6 5	2 2	29 34	16 26	21 38	21 29	22 48		n.a.
S 23	23 27	5 53	4 56	21 55	0 45	22 34	1 39	24 44	1 12	10 52	0 53	15 21	2 14	15 51	0 14	6 5	2 2	29 33	16 25	21 38	21 28	22 46		n.a.
S 24	23 31	0n 8	4 21	21 37	0 57	22 18	1 38	24 42	1 12	10 52	0 53	15 19	2 13	15 52	0 14	6 5	2 2	29 32	16 25	21 38	21 27	22 45		n.a.
M25	23 35	6 1	3 33	21 18	1 9	22 1	1 36	24 39	1 12	10 51	0 53	15 18	2 13	15 53	0 14	6 4	2 1	29 31	16 24	21 38	21 27	22 43		n.a.
T 26	23 38	11 33	2 34	21 0	1 21	21 44	1 35	24 36	1 12	10 51	0 53	15 16	2 13	15 54	0 14	6 4	2 1	29 31	16 24	21 38	21 26	22 42		n.a.
W27	23 41	16 29	1 29	20 41	1 34	21 26	1 33	24 33	1 11	10 50	0 52	15 14	2 13	15 54	0 14	6 4	2 1	29 30	16 24	21 38	21 26	22 40		n.a.
T 28	23 43	20 36	0 21	20 23	1 46	21 8	1 31	24 29	1 11	10 50	0 52	15 13	2 13	15 55	0 14	6 4	2 1	29 29	16 23	21 38	21 25	22 39		n.a.
F 29	23 45	23 43	0n48	20 6	1 59	20 49	1 29	24 26	1 11	10 49	0 52	15 11	2 13	15 56	0 14	6 4	2 1	29 28	16 23	21 38	21 24	22 37		n.a.
S 30	23n47	25n40	1n53	19n48	2s11	20n29	1n27	24n22	1n11	10s49	0n52	15n 9	2n13	15n57	0s14	6s 4	2n 1	29n27	16n22	21n38	21n24	22n36		n.a.

Julian Day Number = 1358150.5, Delta T = 07h01m20s
Ecliptic obliquity = 23°48'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°48'23, Lahiri = -17°41'23 Julian Calendar 1 June 995 BCE == Greg. Calendar 23 May 995 BCE

The year -994 astronomical counting style corresponds to year 995 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 995 BCE
geocentric

JULY 995 BCE (-994) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 56 43	27♊57'36	9♋ 6	22♋32	7♌ 6	13♋26	29°R54	26♌ 0	13♉39	19°R58	22♌54	5°R55	4♊35	9♌46	n.a.	S 1
M 2	18 0 40	28°55'07	21° 6	22°52	8°15	14° 4	29♎53	26° 5	13°42	19♎58	22°56	5♊51	4°32	9°53	n.a.	M 2
T 3	18 4 36	29°52'38	3♌ 0	23° 8	9°25	14°43	29°52	26°10	13°44	19°58	22°57	5°47	4°28	10° 0	n.a.	T 3
W 4	18 8 33	0♋50'11	14°52	23°18	10°35	15°21	29°52	26°15	13°47	19°57	22°59	5°43	4°25	10° 6	n.a.	W 4
T 5	18 12 29	1°47'44	26°43	23°24	11°45	15°59	29°51	26°20	13°50	19°57	23° 1	5°39	4°22	10°13	n.a.	T 5
F 6	18 16 26	2°45'19	8♍37	23°R24	12°54	16°37	29°51	26°25	13°52	19°57	23° 2	5°36	4°19	10°20	n.a.	F 6
S 7	18 20 22	3°42'55	20°38	23°19	14° 4	17°15	29°D51	26°31	13°55	19°57	23° 4	5°34	4°16	10°26	n.a.	S 7
S 8	18 24 19	4°40'32	2♎50	23° 8	15°13	17°53	29°51	26°36	13°57	19°56	23° 5	5°D34	4°13	10°33	n.a.	S 8
M 9	18 28 15	5°38'10	15°17	22°52	16°22	18°32	29°51	26°41	14° 0	19°56	23° 7	5°34	4° 9	10°40	n.a.	M 9
T 10	18 32 12	6°35'50	28° 5	22°30	17°31	19°10	29°52	26°47	14° 2	19°56	23° 9	5°35	4° 6	10°47	n.a.	T 10
W11	18 36 9	7°33'30	11♏16	22° 3	18°41	19°48	29°52	26°52	14° 5	19°56	23°11	5°37	4° 3	10°53	n.a.	W11
T 12	18 40 5	8°31'12	24°54	21°30	19°50	20°26	29°53	26°58	14° 7	19°D56	23°12	5°38	4° 0	11° 0	n.a.	T 12
F 13	18 44 2	9°28'55	8♐58	20°53	20°58	21° 5	29°54	27° 3	14°10	19°56	23°14	5°R38	3°57	11° 7	n.a.	F 13
S 14	18 47 58	10°26'40	23°29	20°11	22° 7	21°43	29°55	27° 9	14°12	19°56	23°16	5°37	3°53	11°13	n.a.	S 14
S 15	18 51 55	11°24'26	8♑20	19°25	23°16	22°21	29°57	27°15	14°14	19°56	23°18	5°34	3°50	11°20	n.a.	S 15
M16	18 55 51	12°22'14	23°24	18°36	24°25	23° 0	29°58	27°20	14°17	19°56	23°20	5°30	3°47	11°27	n.a.	M16
T 17	18 59 48	13°20'04	8♒32	17°44	25°33	23°38	0♏ 0	27°26	14°19	19°57	23°21	5°25	3°44	11°34	n.a.	T 17
W18	19 3 44	14°17'55	23°35	16°50	26°41	24°16	0° 2	27°32	14°21	19°57	23°23	5°19	3°41	11°40	n.a.	W18
T 19	19 7 41	15°15'48	8♓23	15°56	27°50	24°55	0° 4	27°38	14°23	19°57	23°25	5°14	3°38	11°47	n.a.	T 19
F 20	19 11 38	16°13'43	22°50	15° 3	28°58	25°33	0° 6	27°44	14°25	19°57	23°27	5°11	3°34	11°54	n.a.	F 20
S 21	19 15 34	17°11'40	6♈54	14°11	0♍ 6	26°12	0° 9	27°50	14°27	19°57	23°29	5° 9	3°31	12° 0	n.a.	S 21
S 22	19 19 31	18° 9'38	20°32	13°22	1°14	26°50	0°12	27°56	14°29	19°58	23°31	5°D 8	3°28	12° 7	n.a.	S 22
M23	19 23 27	19° 7'39	3♉47	12°37	2°22	27°29	0°14	28° 2	14°31	19°58	23°33	5° 9	3°25	12°14	n.a.	M23
T 24	19 27 24	20° 5'43	16°41	11°57	3°29	28° 7	0°17	28° 8	14°33	19°58	23°35	5°10	3°22	12°21	n.a.	T 24
W25	19 31 20	21° 3'48	29°18	11°22	4°37	28°46	0°21	28°15	14°35	19°59	23°37	5°R11	3°19	12°27	n.a.	W25
T 26	19 35 17	22° 1'55	11♊41	10°54	5°44	29°25	0°24	28°21	14°37	19°59	23°39	5°11	3°15	12°34	n.a.	T 26
F 27	19 39 13	23° 0'04	23°53	10°34	6°52	0♌ 3	0°28	28°27	14°39	20° 0	23°41	5° 9	3°12	12°41	n.a.	F 27
S 28	19 43 10	23°58'16	5♋57	10°21	7°59	0°42	0°31	28°34	14°40	20° 0	23°43	5° 5	3° 9	12°47	n.a.	S 28
S 29	19 47 7	24°56'29	17°56	10°D17	9° 6	1°21	0°35	28°40	14°42	20° 1	23°45	4°59	3° 6	12°54	n.a.	S 29
M30	19 51 3	25°54'44	29°50	10°21	10°13	1°59	0°39	28°47	14°44	20° 1	23°47	4°51	3° 3	13° 1	n.a.	M30
T 31	19 55 0	26♋53'01	11♌42	10♋34	11♍19	2♌38	0♏43	28♌53	14♉45	20♎ 2	23♌49	4♊41	2♊59	13♌ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n48	26n22	2n52	19n32	2s24	20n 9	1n25	24n18	1n11	10s49	0n51	15n 7	2n12	15n58	0s14	6s 4	2n 1	29n26	16n22	21n38	21n23	22n34			n.a.
M 2	23 49	25 48	3 43	19 16	2 37	19 49	1 23	24 14	1 11	10 49	0 51	15 5	2 12	15 59	0 14	6 4	2 1	29 25	16 22	21 37	21 23	22 33			n.a.
T 3	23 49	24 4	4 24	19 1	2 49	19 28	1 20	24 10	1 11	10 49	0 51	15 4	2 12	16 0	0 14	6 4	2 1	29 24	16 21	21 37	21 22	22 31			n.a.
W 4	23 49	21 17	4 53	18 47	3 2	19 6	1 18	24 6	1 11	10 49	0 50	15 2	2 12	16 0	0 14	6 4	2 1	29 23	16 21	21 36	21 22	22 30			n.a.
T 5	23 48	17 38	5 9	18 34	3 14	18 44	1 15	24 1	1 11	10 49	0 50	15 0	2 12	16 1	0 14	6 4	2 1	29 23	16 20	21 35	21 21	22 28			n.a.
F 6	23 47	13 17	5 13	18 23	3 25	18 22	1 13	23 56	1 11	10 49	0 50	14 58	2 12	16 2	0 14	6 4	2 1	29 22	16 20	21 35	21 20	22 27			n.a.
S 7	23 46	8 23	5 2	18 12	3 37	17 59	1 10	23 51	1 11	10 49	0 50	14 56	2 12	16 3	0 14	6 3	2 1	29 21	16 20	21 34	21 20	22 25			n.a.
S 8	23 44	3 6	4 38	18 4	3 47	17 36	1 7	23 46	1 11	10 50	0 49	14 54	2 11	16 4	0 14	6 4	2 1	29 20	16 19	21 34	21 19	22 24			n.a.
M 9	23 42	2s25	4 1	17 57	3 57	17 12	1 5	23 41	1 11	10 50	0 49	14 52	2 11	16 4	0 14	6 4	2 1	29 19	16 19	21 34	21 19	22 22			n.a.
T 10	23 39	7 59	3 11	17 51	4 6	16 48	1 2	23 35	1 11	10 50	0 49	14 50	2 11	16 5	0 14	6 4	2 0	29 18	16 19	21 34	21 18	22 20			n.a.
W11	23 36	13 24	2 9	17 48	4 14	16 23	0 59	23 30	1 11	10 51	0 49	14 48	2 11	16 6	0 14	6 4	2 0	29 17	16 18	21 35	21 17	22 19			n.a.
T 12	23 32	18 21	0 58	17 46	4 21	15 58	0 55	23 24	1 11	10 51	0 48	14 46	2 11	16 7	0 14	6 4	2 0	29 16	16 18	21 35	21 17	22 17			n.a.
F 13	23 28	22 26	0s18	17 47	4 26	15 33	0 52	23 18	1 11	10 52	0 48	14 44	2 11	16 7	0 14	6 4	2 0	29 15	16 18	21 35	21 16	22 16			n.a.
S 14	23 24	25 15	1 36	17 49	4 30	15 7	0 49	23 12	1 11	10 53	0 48	14 42	2 11	16 8	0 14	6 4	2 0	29 14	16 17	21 35	21 16	22 14			n.a.
S 15	23 19	26 21	2 49	17 53	4 33	14 41	0 46	23 5	1 11	10 53	0 48	14 40	2 11	16 9	0 14	6 4	2 0	29 13	16 17	21 34	21 15	22 13			n.a.
M16	23 14	25 32	3 51	17 59	4 33	14 15	0 42	22 59	1 11	10 54	0 47	14 37	2 11	16 9	0 14	6 4	2 0	29 12	16 17	21 33	21 14	22 11			n.a.
T 17	23 8	22 51	4 37	18 7	4 32	13 48	0 39	22 52	1 11	10 55	0 47	14 35	2 10	16 10	0 14	6 4	2 0	29 11	16 16	21 33	21 14	22 9			n.a.
W18	23 2	18 38	5 3	18 17	4 29	13 21	0 35	22 45	1 10	10 56	0 47	14 33	2 10	16 11	0 14	6 4	2 0	29 10	16 16	21 32	21 13	22 8			n.a.
T 19	22 56	13 19	5 9	18 29	4 24	12 54	0 31	22 38	1 10	10 57	0 46	14 31	2 10	16 11	0 14	6 4	2 0	29 9	16 16	21 31	21 12	22 6			n.a.
F 20	22 49	7 23	4 55	18 42	4 17	12 27	0 27	22 31	1 10	10 58	0 46	14 29	2 10	16 12	0 14	6 5	2 0	29 9	16 16	21 30	21 12	22 4			n.a.
S 21	22 41	1 15	4 24	18 56	4 8	11 59	0 24	22 23	1 10	10 59	0 46	14 27	2 10	16 12	0 14	6 5	2 0	29 8	16 15	21 30	21 11	22 3			n.a.
S 22	22 34	4n47	3 38	19 12	3 57	11 31	0 20	22 16	1 10	11 0	0 46	14 24	2 10	16 13	0 14	6 5	2 0	29 7	16 15	21 29	21 11	22 1			n.a.
M23	22 26	10 26	2 42	19 28	3 45	11 2	0 16	22 8	1 10	11 2	0 45	14 22	2 10	16 14	0 14	6 5	2 0	29 6	16 15	21 30	21 10	22 0			n.a.
T 24	22 17	15 31	1 38	19 46	3 31	10 34	0 11	22 0	1 10	11 3	0 45	14 20	2 10	16 14	0 14	6 5	1 59	29 5	16 15	21 30	21 9	21 58			n.a.
W25	22 8	19 48	0 32	20 3	3 16	10 5	0 7	21 52	1 10	11 4	0 45	14 17	2 10	16 15	0 14	6 6	1 59	29 4	16 14	21 30	21 9	21 56			n.a.
T 26	21 59	23 7	0n35	20 22	3 0	9 36	0 3	21 44	1 10	11 6	0 45	14 15	2 10	16 15	0 14	6 6	1 59	29 3	16 14	21 30	21 8	21 55			n.a.
F 27	21 49	25 19	1 39	20 40	2 44	9 7	0s 1	21 35	1 10	11 7	0 44	14 13	2 10	16 16	0 14	6 6	1 59	29 2	16 14	21 30	21 8	21 53			n.a.
S 28	21 39	26 18	2 38	20 59	2 26	8 37	0 6	21 27	1 9	11 9	0 44	14 11	2 9	16 16	0 14	6 6	1 59	29 1	16 14	21 29	21 7	21 51			n.a.
S 29	21 29	26 3	3 29	21 17	2 8	8 8	0 10	21 18	1 9	11 10	0 44	14 8	2 9	16 17	0 14	6 6	1 59	29 0	16 13	21 28	21 6	21 49			n.a.
M30	21 18	24 35	4 11	21 34	1 50	7 38	0 15	21 9	1 9	11 12	0 44	14 6	2 9	16 17	0 14	6 7	1 59	28 59	16 13	21 26	21 6	21 48			n.a.
T 31	21n 7	22n 2	4n41	21n51	1s32	7n 8	0s19	21n 0	1n 9	11s14	0n43	14n 3	2n 9	16n18	0s14	6s 7	1n59	28n58	16n13	21n24	21n 5	21n46			n.a.

Julian Day Number = 1358180.5, Delta T = 07h01m19s
Ecliptic obliquity = 23°48'53, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°48'19, Lahiri = -17°41'19 Julian Calendar 1 July 995 BCE == Greg. Calendar 22 June 995 BCE

The year -994 astronomical counting style corresponds to year 995 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 995 BCE
geocentric

AUGUST 995 BCE (-994) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 58 56	27♋51'20	23♌33	10♋55	12♍26	3♌17	0♏48	29♌ 0	14♉47	20♎ 3	23♌52	4°R30	2♊56	13♌14	n.a.	W 1
T 2	20 2 53	28°49'41	5♍25	11°26	13°33	3°56	0°52	29° 6	14°48	20° 3	23°54	4♊20	2°53	13°21	n.a.	T 2
F 3	20 6 49	29°48'03	17°20	12° 4	14°39	4°34	0°57	29°13	14°50	20° 4	23°56	4°12	2°50	13°28	n.a.	F 3
S 4	20 10 46	0♌46'28	29°22	12°51	15°45	5°13	1° 2	29°19	14°51	20° 5	23°58	4° 5	2°47	13°34	n.a.	S 4
S 5	20 14 42	1°44'54	11♎32	13°46	16°51	5°52	1° 7	29°26	14°53	20° 5	24° 0	4° 1	2°44	13°41	n.a.	S 5
M 6	20 18 39	2°43'21	23°57	14°48	17°57	6°31	1°12	29°33	14°54	20° 6	24° 2	3°58	2°40	13°48	n.a.	M 6
T 7	20 22 36	3°41'51	6♏39	15°56	19° 2	7°10	1°18	29°39	14°55	20° 7	24° 5	3°D58	2°37	13°55	n.a.	T 7
W 8	20 26 32	4°40'22	19°43	17°12	20° 8	7°49	1°23	29°46	14°57	20° 8	24° 7	3°59	2°34	14° 1	n.a.	W 8
T 9	20 30 29	5°38'55	3♐14	18°33	21°13	8°28	1°29	29°53	14°58	20° 9	24° 9	3°R59	2°31	14° 8	n.a.	T 9
F 10	20 34 25	6°37'30	17°12	19°59	22°18	9° 7	1°35	29°59	14°59	20°10	24°11	3°59	2°28	14°15	n.a.	F 10
S 11	20 38 22	7°36'07	1♑39	21°30	23°23	9°46	1°41	0♍ 7	15° 0	20°11	24°13	3°56	2°25	14°21	n.a.	S 11
S 12	20 42 18	8°34'46	16°32	23° 5	24°27	10°25	1°47	0°14	15° 1	20°12	24°16	3°51	2°21	14°28	n.a.	S 12
M13	20 46 15	9°33'27	1♒43	24°43	25°32	11° 4	1°53	0°21	15° 2	20°13	24°18	3°43	2°18	14°35	n.a.	M13
T 14	20 50 11	10°32'09	17° 3	26°24	26°36	11°43	2° 0	0°27	15° 3	20°14	24°20	3°34	2°15	14°42	n.a.	T 14
W15	20 54 8	11°30'54	2♓21	28° 8	27°40	12°22	2° 6	0°34	15° 4	20°15	24°22	3°24	2°12	14°48	n.a.	W15
T 16	20 58 5	12°29'41	17°25	29°53	28°44	13° 1	2°13	0°41	15° 5	20°16	24°25	3°14	2° 9	14°55	n.a.	T 16
F 17	21 2 1	13°28'30	2♈ 7	1♌41	29°47	13°41	2°20	0°48	15° 5	20°17	24°27	3° 7	2° 5	15° 2	n.a.	F 17
S 18	21 5 58	14°27'22	16°20	3°29	0♎50	14°20	2°27	0°55	15° 6	20°18	24°29	3° 1	2° 2	15° 8	n.a.	S 18
S 19	21 9 54	15°26'16	0♉ 5	5°18	1°53	14°59	2°34	1° 2	15° 7	20°19	24°32	2°59	1°59	15°15	n.a.	S 19
M20	21 13 51	16°25'13	13°21	7° 8	2°56	15°38	2°42	1°10	15° 7	20°20	24°34	2°D58	1°56	15°22	n.a.	M20
T 21	21 17 47	17°24'12	26°13	8°58	3°59	16°18	2°49	1°17	15° 8	20°22	24°36	2°R58	1°53	15°29	n.a.	T 21
W22	21 21 44	18°23'13	8♊44	10°48	5° 1	16°57	2°57	1°24	15° 8	20°23	24°38	2°58	1°50	15°35	n.a.	W22
T 23	21 25 40	19°22'17	20°59	12°38	6° 3	17°36	3° 5	1°31	15° 9	20°24	24°41	2°56	1°46	15°42	n.a.	T 23
F 24	21 29 37	20°21'24	3♋ 3	14°27	7° 4	18°16	3°12	1°38	15° 9	20°25	24°43	2°53	1°43	15°49	n.a.	F 24
S 25	21 33 33	21°20'33	15° 0	16°17	8° 6	18°55	3°20	1°45	15°10	20°27	24°45	2°47	1°40	15°55	n.a.	S 25
S 26	21 37 30	22°19'44	26°53	18° 6	9° 7	19°35	3°29	1°52	15°10	20°28	24°48	2°37	1°37	16° 2	n.a.	S 26
M27	21 41 27	23°18'57	8♌44	19°54	10° 7	20°14	3°37	2° 0	15°10	20°30	24°50	2°25	1°34	16° 9	n.a.	M27
T 28	21 45 23	24°18'13	20°35	21°41	11° 7	20°54	3°45	2° 7	15°10	20°31	24°52	2°12	1°31	16°16	n.a.	T 28
W29	21 49 20	25°17'31	2♍29	23°28	12° 7	21°33	3°54	2°14	15°11	20°32	24°55	1°57	1°27	16°22	n.a.	W29
T 30	21 53 16	26°16'50	14°25	25°15	13° 7	22°13	4° 3	2°21	15°11	20°34	24°57	1°43	1°24	16°29	n.a.	T 30
F 31	21 57 13	27♌16'12	26♍26	27♌ 0	14♎ 6	22♌53	4♏11	2♍28	15°R11	20♎35	24♌59	1♊30	1♊21	16♌36	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	20n55	18n35	4n59	22n 7	1s14	6n38	0s24	20n51	1n 9	11s15	0n43	14n 1	2n 9	16n18	0s14	6s 7	1n59	28n57	16n13	21n22	21n 4	21n44			n.a.
T 2	20 43	14 23	5 5	22 22	0 57	6 8	0 29	20 41	1 9	11 17	0 43	13 59	2 9	16 19	0 14	6 8	1 59	28 56	16 13	21 21	21 4	21 43			n.a.
F 3	20 31	9 37	4 57	22 36	0 40	5 37	0 33	20 32	1 9	11 19	0 43	13 56	2 9	16 19	0 14	6 8	1 59	28 55	16 12	21 19	21 3	21 41			n.a.
S 4	20 18	4 28	4 36	22 47	0 24	5 7	0 38	20 22	1 9	11 21	0 42	13 54	2 9	16 20	0 14	6 8	1 59	28 54	16 12	21 18	21 3	21 39			n.a.
S 5	20 5	0s55	4 2	22 57	0 8	4 37	0 43	20 12	1 9	11 23	0 42	13 51	2 9	16 20	0 14	6 9	1 59	28 53	16 12	21 17	21 2	21 38			n.a.
M 6	19 52	6 23	3 17	23 5	0n 7	4 6	0 48	20 2	1 8	11 25	0 42	13 49	2 9	16 20	0 14	6 9	1 59	28 53	16 12	21 16	21 1	21 36			n.a.
T 7	19 38	11 44	2 21	23 11	0 21	3 35	0 53	19 52	1 8	11 27	0 42	13 46	2 9	16 21	0 14	6 9	1 59	28 52	16 12	21 16	21 1	21 34			n.a.
W 8	19 24	16 44	1 15	23 15	0 33	3 5	0 58	19 42	1 8	11 30	0 42	13 44	2 9	16 21	0 14	6 10	1 58	28 51	16 12	21 17	21 0	21 32			n.a.
T 9	19 9	21 4	0 4	23 15	0 45	2 34	1 3	19 31	1 8	11 32	0 41	13 42	2 9	16 22	0 14	6 10	1 58	28 50	16 11	21 17	20 59	21 31			n.a.
F 10	18 55	24 21	1s10	23 14	0 56	2 3	1 9	19 21	1 8	11 34	0 41	13 39	2 9	16 22	0 14	6 11	1 58	28 49	16 11	21 16	20 59	21 29			n.a.
S 11	18 39	26 10	2 22	23 9	1 6	1 33	1 14	19 10	1 8	11 36	0 41	13 37	2 9	16 22	0 14	6 11	1 58	28 48	16 11	21 16	20 58	21 27			n.a.
S 12	18 24	26 11	3 26	23 2	1 15	1 2	1 19	18 59	1 8	11 39	0 41	13 34	2 9	16 23	0 14	6 11	1 58	28 47	16 11	21 15	20 58	21 25			n.a.
M13	18 8	24 15	4 17	22 52	1 23	0 31	1 24	18 48	1 7	11 41	0 40	13 31	2 9	16 23	0 14	6 12	1 58	28 46	16 11	21 14	20 57	21 23			n.a.
T 14	17 52	20 34	4 50	22 40	1 29	0 0	1 30	18 37	1 7	11 44	0 40	13 29	2 9	16 23	0 14	6 12	1 58	28 45	16 11	21 12	20 56	21 22			n.a.
W15	17 36	15 29	5 2	22 25	1 35	0s30	1 35	18 26	1 7	11 46	0 40	13 26	2 8	16 23	0 14	6 13	1 58	28 44	16 11	21 10	20 56	21 20			n.a.
T 16	17 19	9 32	4 53	22 7	1 40	1 1	1 40	18 14	1 7	11 49	0 40	13 24	2 8	16 24	0 14	6 13	1 58	28 43	16 11	21 8	20 55	21 18			n.a.
F 17	17 2	3 11	4 25	21 47	1 44	1 32	1 46	18 3	1 7	11 51	0 39	13 21	2 8	16 24	0 14	6 14	1 58	28 43	16 11	21 6	20 54	21 16			n.a.
S 18	16 45	3n 8	3 41	21 25	1 47	2 2	1 51	17 51	1 7	11 54	0 39	13 19	2 8	16 24	0 14	6 14	1 58	28 42	16 11	21 5	20 54	21 14			n.a.
S 19	16 28	9 6	2 45	21 0	1 49	2 32	1 57	17 39	1 6	11 57	0 39	13 16	2 8	16 24	0 14	6 15	1 58	28 41	16 11	21 5	20 53	21 13			n.a.
M20	16 10	14 28	1 42	20 33	1 50	3 3	2 2	17 27	1 6	12 0	0 39	13 14	2 8	16 24	0 14	6 15	1 58	28 40	16 11	21 5	20 52	21 11			n.a.
T 21	15 52	19 2	0 36	20 5	1 51	3 33	2 8	17 15	1 6	12 2	0 39	13 11	2 8	16 25	0 14	6 16	1 58	28 39	16 11	21 5	20 52	21 9			n.a.
W22	15 33	22 36	0n31	19 35	1 51	4 3	2 13	17 3	1 6	12 5	0 38	13 8	2 8	16 25	0 14	6 16	1 58	28 38	16 11	21 5	20 51	21 7			n.a.
T 23	15 15	25 4	1 34	19 3	1 51	4 33	2 19	16 50	1 6	12 8	0 38	13 6	2 8	16 25	0 14	6 17	1 58	28 37	16 11	21 4	20 50	21 5			n.a.
F 24	14 56	26 19	2 32	18 29	1 49	5 3	2 24	16 38	1 5	12 11	0 38	13 3	2 8	16 25	0 14	6 17	1 57	28 37	16 11	21 4	20 50	21 4			n.a.
S 25	14 37	26 19	3 23	17 55	1 48	5 33	2 30	16 25	1 5	12 14	0 38	13 1	2 8	16 25	0 14	6 18	1 57	28 36	16 11	21 3	20 49	21 2			n.a.
S 26	14 17	25 6	4 4	17 19	1 45	6 2	2 35	16 12	1 5	12 17	0 37	12 58	2 8	16 25	0 14	6 19	1 57	28 35	16 11	21 1	20 48	21 0			n.a.
M27	13 58	22 46	4 35	16 42	1 43	6 32	2 41	15 59	1 5	12 20	0 37	12 55	2 8	16 25	0 14	6 19	1 57	28 34	16 11	20 58	20 48	20 58			n.a.
T 28	13 38	19 28	4 53	16 4	1 39	7 1	2 47	15 46	1 5	12 23	0 37	12 53	2 8	16 25	0 14	6 20	1 57	28 33	16 11	20 56	20 47	20 56			n.a.
W29	13 18	15 23	4 59	15 25	1 36	7 30	2 52	15 33	1 4	12 26	0 37	12 50	2 8	16 25	0 14	6 20	1 57	28 33	16 11	20 53	20 47	20 54			n.a.
T 30	12 57	10 42	4 52	14 45	1 32	7 59	2 58	15 20	1 4	12 29	0 37	12 47	2 8	16 25	0 14	6 21	1 57	28 32	16 11	20 50	20 46	20 52			n.a.
F 31	12n37	5n35	4n32	14n 4	1n28	8s27	3s 3	15n 7	1n 4	12s33	0n36	12n45	2n 8	16n25	0s14	6s22	1n57	28n31	16n11	20n47	20n45	20n50			n.a.

Julian Day Number = 1358211.5, Delta T = 07h01m17s
Ecliptic obliquity = 23°48'54, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°48'15, Lahiri = -17°41'14 Julian Calendar 1 Aug. 995 BCE == Greg. Calendar 23 July 995 BCE

The year -994 astronomical counting style corresponds to year 995 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 995 BCE
geocentric

SEPTEMBER 995 BCE (-994) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 1 9	28♌15'36	8♎33	28♌45	15♎ 5	23♌32	4♏20	2♍36	15°R11	20♎37	25♌ 2	1°R20	1♊18	16♌43	n.a.	S 1
S 2	22 5 6	29°15'02	20°49	0♍29	16° 4	24°12	4°29	2°43	15♉11	20°39	25° 4	1♊13	1°15	16°49	n.a.	S 2
M 3	22 9 2	0♍14'30	3♏16	2°12	17° 2	24°52	4°39	2°50	15°10	20°40	25° 6	1° 8	1°11	16°56	n.a.	M 3
T 4	22 12 59	1°14'00	15°57	3°54	17°59	25°32	4°48	2°57	15°10	20°42	25° 9	1° 6	1° 8	17° 3	n.a.	T 4
W 5	22 16 55	2°13'32	28°57	5°36	18°56	26°11	4°57	3° 5	15°10	20°43	25°11	1° 6	1° 5	17° 9	n.a.	W 5
T 6	22 20 52	3°13'06	12♐19	7°17	19°53	26°51	5° 7	3°12	15°10	20°45	25°13	1° 6	1° 2	17°16	n.a.	T 6
F 7	22 24 49	4°12'42	26° 6	8°57	20°49	27°31	5°16	3°19	15° 9	20°47	25°15	1° 5	0°59	17°23	n.a.	F 7
S 8	22 28 45	5°12'19	10♑21	10°37	21°45	28°11	5°26	3°26	15° 9	20°48	25°18	1° 2	0°56	17°30	n.a.	S 8
S 9	22 32 42	6°11'59	25° 0	12°16	22°40	28°51	5°36	3°33	15° 9	20°50	25°20	0°56	0°52	17°36	n.a.	S 9
M10	22 36 38	7°11'40	10♒ 1	13°54	23°35	29°31	5°46	3°41	15° 8	20°52	25°22	0°47	0°49	17°43	n.a.	M10
T 11	22 40 35	8°11'24	25°15	15°31	24°29	0♍11	5°56	3°48	15° 8	20°54	25°25	0°37	0°46	17°50	n.a.	T 11
W12	22 44 31	9°11'09	10♓31	17° 8	25°22	0°51	6° 6	3°55	15° 7	20°55	25°27	0°25	0°43	17°56	n.a.	W12
T 13	22 48 28	10°10'56	25°39	18°44	26°15	1°31	6°17	4° 2	15° 6	20°57	25°29	0°15	0°40	18° 3	n.a.	T 13
F 14	22 52 24	11°10'46	10♈27	20°20	27° 7	2°11	6°27	4°10	15° 6	20°59	25°31	0° 6	0°37	18°10	n.a.	F 14
S 15	22 56 21	12°10'38	24°50	21°55	27°59	2°51	6°37	4°17	15° 5	21° 1	25°34	29♉59	0°33	18°17	n.a.	S 15
S 16	23 0 18	13°10'32	8♉43	23°29	28°49	3°31	6°48	4°24	15° 4	21° 3	25°36	29°55	0°30	18°23	n.a.	S 16
M17	23 4 14	14°10'28	22° 6	25° 3	29°39	4°11	6°59	4°31	15° 3	21° 5	25°38	29°54	0°27	18°30	n.a.	M17
T 18	23 8 11	15°10'27	5♊ 2	26°36	0♏29	4°52	7° 9	4°38	15° 2	21° 6	25°40	29°D53	0°24	18°37	n.a.	T 18
W19	23 12 7	16°10'28	17°35	28° 9	1°17	5°32	7°20	4°45	15° 1	21° 8	25°43	29°R54	0°21	18°44	n.a.	W19
T 20	23 16 4	17°10'32	29°50	29°41	2° 5	6°12	7°31	4°53	15° 0	21°10	25°45	29°53	0°17	18°50	n.a.	T 20
F 21	23 20 0	18°10'38	11♋53	1♎12	2°52	6°52	7°42	5° 0	14°59	21°12	25°47	29°50	0°14	18°57	n.a.	F 21
S 22	23 23 57	19°10'46	23°47	2°43	3°38	7°33	7°53	5° 7	14°58	21°14	25°49	29°45	0°11	19° 4	n.a.	S 22
S 23	23 27 53	20°10'56	5♌38	4°14	4°24	8°13	8° 5	5°14	14°57	21°16	25°51	29°37	0° 8	19°10	n.a.	S 23
M24	23 31 50	21°11'09	17°29	5°44	5° 8	8°54	8°16	5°21	14°56	21°18	25°53	29°27	0° 5	19°17	n.a.	M24
T 25	23 35 46	22°11'23	29°22	7°14	5°51	9°34	8°27	5°28	14°55	21°20	25°56	29°14	0° 2	19°24	n.a.	T 25
W26	23 39 43	23°11'39	11♍20	8°43	6°33	10°15	8°39	5°35	14°54	21°22	25°58	29° 1	29♉58	19°31	n.a.	W26
T 27	23 43 40	24°11'58	23°24	10°11	7°15	10°55	8°50	5°42	14°52	21°24	26° 0	28°49	29°55	19°37	n.a.	T 27
F 28	23 47 36	25°12'18	5♎35	11°39	7°55	11°36	9° 2	5°49	14°51	21°26	26° 2	28°37	29°52	19°44	n.a.	F 28
S 29	23 51 33	26°12'40	17°55	13° 6	8°34	12°16	9°14	5°56	14°49	21°28	26° 4	28°28	29°49	19°51	n.a.	S 29
S 30	23 55 29	27♍13'04	0♏23	14♎33	9♏11	12♍57	9♏26	6♍ 3	14♉48	21♎31	26♌ 6	28♉22	29♉46	19♌57	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n16	0n13	3n59	13n23	1n23	8s55	3s 9	14n53	1n 4	12s36	0n36	12n42	2n 8	16n25	0s14	6s22	1n57	28n30	16n11	20n45	20n45	20n49		n.a.
S 2	11 55	5s14	3 15	12 42	1 18	9 24	3 14	14 40	1 4	12 39	0 36	12 40	2 8	16 25	0 14	6 23	1 57	28 29	16 11	20 43	20 44	20 47		n.a.
M 3	11 34	10 35	2 21	11 59	1 13	9 51	3 20	14 26	1 3	12 42	0 36	12 37	2 8	16 25	0 14	6 24	1 57	28 29	16 11	20 43	20 43	20 45		n.a.
T 4	11 12	15 37	1 19	11 17	1 8	10 19	3 25	14 12	1 3	12 46	0 36	12 34	2 8	16 25	0 14	6 24	1 57	28 28	16 11	20 42	20 43	20 43		n.a.
W 5	10 51	20 3	0 11	10 34	1 2	10 46	3 31	13 58	1 3	12 49	0 35	12 32	2 9	16 25	0 14	6 25	1 57	28 27	16 11	20 42	20 42	20 41		n.a.
T 6	10 29	23 36	0s59	9 50	0 56	11 13	3 36	13 44	1 3	12 53	0 35	12 29	2 9	16 25	0 14	6 26	1 57	28 26	16 11	20 42	20 41	20 39		n.a.
F 7	10 7	25 53	2 8	9 7	0 51	11 40	3 41	13 30	1 2	12 56	0 35	12 26	2 9	16 25	0 14	6 26	1 57	28 26	16 11	20 42	20 41	20 37		n.a.
S 8	9 45	26 35	3 11	8 23	0 45	12 6	3 47	13 16	1 2	13 0	0 35	12 24	2 9	16 25	0 14	6 27	1 57	28 25	16 11	20 41	20 40	20 35		n.a.
S 9	9 23	25 27	4 4	7 39	0 38	12 32	3 52	13 1	1 2	13 3	0 35	12 21	2 9	16 25	0 14	6 28	1 57	28 24	16 12	20 40	20 39	20 33		n.a.
M10	9 0	22 31	4 41	6 55	0 32	12 57	3 57	12 47	1 2	13 7	0 35	12 18	2 9	16 25	0 14	6 28	1 57	28 24	16 12	20 38	20 39	20 31		n.a.
T 11	8 38	17 59	4 59	6 11	0 26	13 23	4 3	12 32	1 1	13 10	0 34	12 16	2 9	16 24	0 14	6 29	1 57	28 23	16 12	20 36	20 38	20 29		n.a.
W12	8 15	12 17	4 56	5 27	0 19	13 48	4 8	12 18	1 1	13 14	0 34	12 13	2 9	16 24	0 14	6 30	1 56	28 22	16 12	20 34	20 37	20 27		n.a.
T 13	7 52	5 54	4 32	4 43	0 13	14 12	4 13	12 3	1 1	13 17	0 34	12 11	2 9	16 24	0 14	6 30	1 56	28 21	16 12	20 31	20 37	20 25		n.a.
F 14	7 29	0n41	3 50	3 59	0 6	14 36	4 18	11 48	1 1	13 21	0 34	12 8	2 9	16 24	0 14	6 31	1 56	28 21	16 12	20 29	20 36	20 23		n.a.
S 15	7 6	7 4	2 54	3 15	0s 1	15 0	4 23	11 33	1 0	13 25	0 34	12 5	2 9	16 24	0 14	6 32	1 56	28 20	16 12	20 28	20 35	20 21		n.a.
S 16	6 43	12 54	1 50	2 31	0 8	15 23	4 27	11 18	1 0	13 28	0 33	12 3	2 9	16 23	0 14	6 33	1 56	28 20	16 13	20 27	20 35	20 20		n.a.
M17	6 19	17 55	0 41	1 47	0 14	15 45	4 32	11 3	1 0	13 32	0 33	12 0	2 9	16 23	0 14	6 33	1 56	28 19	16 13	20 27	20 34	20 18		n.a.
T 18	5 56	21 55	0n27	1 3	0 21	16 8	4 37	10 48	1 0	13 36	0 33	11 58	2 9	16 23	0 14	6 34	1 56	28 18	16 13	20 27	20 33	20 16		n.a.
W19	5 32	24 46	1 32	0 20	0 28	16 29	4 41	10 33	0 59	13 39	0 33	11 55	2 9	16 23	0 14	6 35	1 56	28 18	16 13	20 27	20 33	20 14		n.a.
T 20	5 9	26 21	2 32	0s24	0 34	16 51	4 46	10 17	0 59	13 43	0 33	11 52	2 9	16 22	0 14	6 36	1 56	28 17	16 14	20 27	20 32	20 12		n.a.
F 21	4 45	26 39	3 23	1 7	0 41	17 11	4 50	10 2	0 59	13 47	0 33	11 50	2 9	16 22	0 14	6 36	1 56	28 16	16 14	20 26	20 31	20 10		n.a.
S 22	4 21	25 42	4 5	1 50	0 48	17 31	4 54	9 46	0 59	13 51	0 32	11 47	2 10	16 22	0 14	6 37	1 56	28 16	16 14	20 25	20 30	20 8		n.a.
S 23	3 57	23 37	4 36	2 32	0 55	17 51	4 58	9 31	0 58	13 55	0 32	11 45	2 10	16 21	0 14	6 38	1 56	28 15	16 14	20 23	20 30	20 6		n.a.
M24	3 33	20 31	4 55	3 15	1 1	18 10	5 2	9 15	0 58	13 59	0 32	11 42	2 10	16 21	0 14	6 39	1 56	28 15	16 14	20 21	20 29	20 3		n.a.
T 25	3 9	16 34	5 2	3 57	1 8	18 29	5 6	8 59	0 58	14 2	0 32	11 39	2 10	16 21	0 14	6 40	1 56	28 14	16 15	20 18	20 28	20 1		n.a.
W26	2 45	11 57	4 55	4 38	1 14	18 47	5 10	8 44	0 57	14 6	0 32	11 37	2 10	16 20	0 14	6 40	1 56	28 14	16 15	20 15	20 28	19 59		n.a.
T 27	2 20	6 51	4 35	5 19	1 20	19 4	5 13	8 28	0 57	14 10	0 32	11 34	2 10	16 20	0 14	6 41	1 56	28 13	16 15	20 12	20 27	19 57		n.a.
F 28	1 56	1 26	4 2	6 0	1 26	19 21	5 17	8 12	0 57	14 14	0 31	11 32	2 10	16 19	0 14	6 42	1 56	28 13	16 16	20 10	20 26	19 55		n.a.
S 29	1 32	4s 6	3 18	6 40	1 33	19 37	5 20	7 56	0 56	14 18	0 31	11 29	2 10	16 19	0 14	6 43	1 56	28 12	16 16	20 8	20 26	19 53		n.a.
S 30	1n 7	9s33	2n23	7s20	1s39	19s52	5s23	7n40	0n56	14s22	0n31	11n27	2n10	16n19	0s14	6s44	1n56	28n12	16n16	20n 6	20n25	19n51		n.a.

Julian Day Number = 1358242.5, Delta T = 07h01m15s
Ecliptic obliquity = 23°48'55, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°48'11, Lahiri = -17°41'10 Julian Calendar 1 Sept. 995 BCE == Greg. Calendar 23 Aug. 995 BCE

The year -994 astronomical counting style corresponds to year 995 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 995 BCE
geocentric

OCTOBER 995 BCE (-994) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 59 26	28♍13'30	13♏ 1	15♎59	9♏48	13♍38	9♏37	6♍10	14°R46	21♎33	26♌ 8	28°R18	29♉42	20♌ 4	n.a.	M 1
T 2	0 3 22	29°13'57	25°52	17°25	10°23	14°18	9°49	6°17	14♉45	21°35	26°10	28°D17	29°39	20°11	n.a.	T 2
W 3	0 7 19	0♎14'26	8♐57	18°49	10°57	14°59	10° 1	6°24	14°43	21°37	26°12	28♉17	29°36	20°18	n.a.	W 3
T 4	0 11 15	1°14'56	22°18	20°13	11°29	15°40	10°14	6°30	14°42	21°39	26°14	28°18	29°33	20°24	n.a.	T 4
F 5	0 15 12	2°15'28	5♑59	21°36	12° 0	16°21	10°26	6°37	14°40	21°41	26°16	28°R18	29°30	20°31	n.a.	F 5
S 6	0 19 9	3°16'02	20° 1	22°59	12°30	17° 2	10°38	6°44	14°38	21°43	26°18	28°17	29°27	20°38	n.a.	S 6
S 7	0 23 5	4°16'36	4♒23	24°20	12°58	17°42	10°50	6°51	14°37	21°46	26°20	28°13	29°23	20°45	n.a.	S 7
M 8	0 27 2	5°17'12	19° 2	25°40	13°24	18°23	11° 3	6°57	14°35	21°48	26°22	28° 8	29°20	20°51	n.a.	M 8
T 9	0 30 58	6°17'50	3♓54	26°59	13°48	19° 4	11°15	7° 4	14°33	21°50	26°24	28° 0	29°17	20°58	n.a.	T 9
W10	0 34 55	7°18'28	18°51	28°16	14°11	19°45	11°28	7°11	14°31	21°52	26°26	27°52	29°14	21° 5	n.a.	W10
T 11	0 38 51	8°19'08	3♈44	29°32	14°31	20°26	11°40	7°17	14°29	21°54	26°28	27°44	29°11	21°11	n.a.	T 11
F 12	0 42 48	9°19'50	18°23	0♏47	14°50	21° 7	11°53	7°24	14°27	21°57	26°29	27°37	29° 8	21°18	n.a.	F 12
S 13	0 46 44	10°20'33	2♉43	1°59	15° 7	21°48	12° 5	7°30	14°25	21°59	26°31	27°33	29° 4	21°25	n.a.	S 13
S 14	0 50 41	11°21'18	16°37	3° 9	15°22	22°30	12°18	7°37	14°23	22° 1	26°33	27°30	29° 1	21°32	n.a.	S 14
M15	0 54 38	12°22'05	0♊ 5	4°16	15°35	23°11	12°31	7°43	14°21	22° 3	26°35	27°D29	28°58	21°38	n.a.	M15
T 16	0 58 34	13°22'54	13° 7	5°21	15°45	23°52	12°44	7°49	14°19	22° 5	26°37	27°30	28°55	21°45	n.a.	T 16
W17	1 2 31	14°23'44	25°45	6°22	15°53	24°33	12°57	7°56	14°17	22° 8	26°38	27°32	28°52	21°52	n.a.	W17
T 18	1 6 27	15°24'35	8♋ 5	7°20	15°59	25°14	13°10	8° 2	14°15	22°10	26°40	27°33	28°48	21°58	n.a.	T 18
F 19	1 10 24	16°25'29	20°10	8°13	16° 3	25°56	13°23	8° 8	14°13	22°12	26°42	27°R33	28°45	22° 5	n.a.	F 19
S 20	1 14 20	17°26'24	2♌ 6	9° 2	16°R 4	26°37	13°36	8°14	14°10	22°14	26°43	27°32	28°42	22°12	n.a.	S 20
S 21	1 18 17	18°27'20	13°57	9°45	16° 3	27°19	13°49	8°20	14° 8	22°17	26°45	27°29	28°39	22°19	n.a.	S 21
M22	1 22 13	19°28'18	25°49	10°22	16° 0	28° 0	14° 2	8°27	14° 6	22°19	26°47	27°24	28°36	22°25	n.a.	M22
T 23	1 26 10	20°29'17	7♍45	10°53	15°54	28°41	14°15	8°33	14° 4	22°21	26°48	27°18	28°33	22°32	n.a.	T 23
W24	1 30 7	21°30'18	19°48	11°15	15°46	29°23	14°28	8°38	14° 1	22°23	26°50	27°11	28°29	22°39	n.a.	W24
T 25	1 34 3	22°31'20	2♎ 0	11°30	15°35	0♎ 4	14°42	8°44	13°59	22°26	26°51	27° 4	28°26	22°46	n.a.	T 25
F 26	1 38 0	23°32'23	14°23	11°R35	15°21	0°46	14°55	8°50	13°57	22°28	26°53	26°58	28°23	22°52	n.a.	F 26
S 27	1 41 56	24°33'28	26°58	11°30	15° 6	1°28	15° 8	8°56	13°54	22°30	26°54	26°53	28°20	22°59	n.a.	S 27
S 28	1 45 53	25°34'33	9♏45	11°14	14°48	2° 9	15°22	9° 2	13°52	22°32	26°56	26°50	28°17	23° 6	n.a.	S 28
M29	1 49 49	26°35'39	22°44	10°47	14°27	2°51	15°35	9° 7	13°50	22°35	26°57	26°D49	28°13	23°12	n.a.	M29
T 30	1 53 46	27°36'47	5♐55	10° 9	14° 5	3°33	15°49	9°13	13°47	22°37	26°58	26°49	28°10	23°19	n.a.	T 30
W31	1 57 42	28♎37'55	19♐17	9♏20	13♏40	4♎15	16♏ 2	9♍19	13♉45	22♎39	27♌ 0	26♉51	28♉ 7	23♌26	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	0n43	14s43	1n21	7s59	1s44	20s 7	5s26	7n24	0n56	14s26	0n31	11n24	2n10	16n18	0s14	6s45	1n56	28n11	16n16	20n 6	20n24	19n49			n.a.
T 2	0 19	19 19	0 13	8 38	1 50	20 21	5 28	7 7	0 55	14 30	0 31	11 22	2 11	16 18	0 14	6 45	1 56	28 11	16 17	20 5	20 24	19 47			n.a.
W 3	0s 6	23 4	0s57	9 15	1 55	20 34	5 31	6 51	0 55	14 34	0 31	11 19	2 11	16 17	0 14	6 46	1 56	28 10	16 17	20 5	20 23	19 45			n.a.
T 4	0 30	25 40	2 5	9 53	2 0	20 46	5 33	6 35	0 55	14 38	0 30	11 17	2 11	16 17	0 14	6 47	1 56	28 10	16 17	20 6	20 22	19 43			n.a.
F 5	0 55	26 48	3 8	10 29	2 5	20 58	5 35	6 18	0 54	14 42	0 30	11 14	2 11	16 16	0 14	6 48	1 56	28 10	16 18	20 6	20 22	19 41			n.a.
S 6	1 19	26 16	4 1	11 5	2 10	21 9	5 36	6 2	0 54	14 46	0 30	11 12	2 11	16 16	0 14	6 49	1 56	28 9	16 18	20 5	20 21	19 39			n.a.
S 7	1 44	24 0	4 40	11 39	2 15	21 19	5 38	5 45	0 54	14 50	0 30	11 10	2 11	16 15	0 14	6 50	1 56	28 9	16 18	20 5	20 20	19 37			n.a.
M 8	2 8	20 7	5 2	12 13	2 19	21 28	5 39	5 29	0 53	14 54	0 30	11 7	2 11	16 15	0 14	6 50	1 56	28 8	16 19	20 3	20 19	19 35			n.a.
T 9	2 32	14 57	5 4	12 46	2 22	21 37	5 39	5 12	0 53	14 58	0 30	11 5	2 11	16 14	0 14	6 51	1 56	28 8	16 19	20 2	20 19	19 32			n.a.
W10	2 57	8 51	4 46	13 17	2 26	21 44	5 40	4 55	0 53	15 2	0 30	11 2	2 12	16 14	0 14	6 52	1 56	28 8	16 20	20 0	20 18	19 30			n.a.
T 11	3 21	2 17	4 8	13 48	2 29	21 51	5 40	4 39	0 52	15 6	0 29	11 0	2 12	16 13	0 14	6 53	1 56	28 7	16 20	19 58	20 17	19 28			n.a.
F 12	3 45	4n20	3 15	14 17	2 31	21 56	5 40	4 22	0 52	15 10	0 29	10 58	2 12	16 12	0 14	6 54	1 56	28 7	16 20	19 56	20 17	19 26			n.a.
S 13	4 9	10 35	2 10	14 44	2 33	22 1	5 39	4 5	0 52	15 15	0 29	10 55	2 12	16 12	0 14	6 55	1 56	28 7	16 21	19 55	20 16	19 24			n.a.
S 14	4 34	16 8	0 58	15 11	2 35	22 4	5 38	3 48	0 51	15 19	0 29	10 53	2 12	16 11	0 14	6 55	1 55	28 7	16 21	19 55	20 15	19 22			n.a.
M15	4 58	20 43	0n14	15 35	2 36	22 7	5 36	3 32	0 51	15 23	0 29	10 51	2 12	16 11	0 14	6 56	1 55	28 6	16 22	19 55	20 15	19 20			n.a.
T 16	5 22	24 7	1 24	15 57	2 36	22 8	5 35	3 15	0 51	15 27	0 29	10 49	2 12	16 10	0 14	6 57	1 55	28 6	16 22	19 55	20 14	19 18			n.a.
W17	5 46	26 12	2 27	16 18	2 36	22 8	5 32	2 58	0 50	15 31	0 29	10 46	2 13	16 9	0 14	6 58	1 55	28 6	16 22	19 55	20 13	19 15			n.a.
T 18	6 10	26 55	3 22	16 36	2 34	22 7	5 29	2 41	0 50	15 35	0 28	10 44	2 13	16 9	0 14	6 59	1 55	28 6	16 23	19 55	20 12	19 13			n.a.
F 19	6 33	26 20	4 7	16 52	2 32	22 5	5 26	2 24	0 49	15 39	0 28	10 42	2 13	16 8	0 14	7 0	1 55	28 5	16 23	19 55	20 12	19 11			n.a.
S 20	6 57	24 33	4 40	17 5	2 29	22 2	5 22	2 7	0 49	15 43	0 28	10 40	2 13	16 7	0 14	7 1	1 55	28 5	16 24	19 55	20 11	19 9			n.a.
S 21	7 21	21 42	5 1	17 15	2 25	21 57	5 18	1 50	0 49	15 47	0 28	10 37	2 13	16 7	0 14	7 1	1 55	28 5	16 24	19 54	20 10	19 7			n.a.
M22	7 44	17 57	5 10	17 23	2 20	21 52	5 13	1 33	0 48	15 51	0 28	10 35	2 13	16 6	0 14	7 2	1 55	28 5	16 25	19 53	20 10	19 5			n.a.
T 23	8 7	13 30	5 5	17 26	2 14	21 44	5 7	1 15	0 48	15 55	0 28	10 33	2 14	16 5	0 14	7 3	1 55	28 5	16 25	19 52	20 9	19 2			n.a.
W24	8 31	8 29	4 46	17 26	2 6	21 36	5 1	0 58	0 47	16 0	0 28	10 31	2 14	16 5	0 14	7 4	1 55	28 4	16 26	19 50	20 8	19 0			n.a.
T 25	8 54	3 5	4 15	17 22	1 57	21 26	4 54	0 41	0 47	16 4	0 28	10 29	2 14	16 4	0 14	7 5	1 55	28 4	16 26	19 49	20 7	18 58			n.a.
F 26	9 17	2s32	3 31	17 13	1 46	21 15	4 47	0 24	0 46	16 8	0 27	10 27	2 14	16 3	0 14	7 6	1 55	28 4	16 26	19 47	20 7	18 56			n.a.
S 27	9 40	8 8	2 36	17 0	1 34	21 3	4 39	0 7	0 46	16 12	0 27	10 25	2 14	16 3	0 14	7 7	1 55	28 4	16 27	19 46	20 6	18 54			n.a.
S 28	10 2	13 31	1 32	16 42	1 20	20 49	4 30	0s10	0 46	16 16	0 27	10 23	2 14	16 2	0 14	7 7	1 55	28 4	16 27	19 45	20 5	18 51			n.a.
M29	10 25	18 23	0 22	16 19	1 5	20 34	4 21	0 28	0 45	16 20	0 27	10 21	2 15	16 1	0 14	7 8	1 55	28 4	16 28	19 45	20 5	18 49			n.a.
T 30	10 47	22 27	0s50	15 51	0 48	20 18	4 11	0 45	0 45	16 24	0 27	10 19	2 15	16 0	0 14	7 9	1 55	28 4	16 28	19 45	20 4	18 47			n.a.
W31	11s 9	25s22	2s 0	15s18	0s30	20s 0	4s 0	1s 2	0n44	16s28	0n27	10n17	2n15	16n 0	0s14	7s10	1n55	28n 4	16n29	19n45	20n 3	18n45			n.a.

Julian Day Number = 1358272.5, Delta T = 07h01m14s
Ecliptic obliquity = 23°48'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°48'07, Lahiri = -17°41'06 Julian Calendar 1 Oct. 995 BCE == Greg. Calendar 22 Sept. 995 BCE

The year -994 astronomical counting style corresponds to year 995 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 995 BCE
geocentric

NOVEMBER 995 BCE (-994) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 1 39	29♎39'03	2♉52	8°R21	13°R13	4♎56	16♏16	9♍24	13°R42	22♎42	27♌ 1	26♉52	28♉ 4	23♌33	n.a.	T 1
F 2	2 5 36	0♏40'13	16°39	7♏12	12♏44	5°38	16°29	9°29	13♉40	22°44	27° 2	26°54	28° 1	23°39	n.a.	F 2
S 3	2 9 32	1°41'23	0♒38	5°57	12°14	6°20	16°43	9°35	13°37	22°46	27° 4	26°R54	27°58	23°46	n.a.	S 3
S 4	2 13 29	2°42'33	14°48	4°36	11°42	7° 2	16°56	9°40	13°35	22°48	27° 5	26°54	27°54	23°53	n.a.	S 4
M 5	2 17 25	3°43'44	29° 8	3°13	11° 8	7°44	17°10	9°45	13°32	22°50	27° 6	26°52	27°51	23°59	n.a.	M 5
T 6	2 21 22	4°44'55	13♓33	1°51	10°34	8°26	17°24	9°50	13°30	22°53	27° 7	26°50	27°48	24° 6	n.a.	T 6
W 7	2 25 18	5°46'06	28° 1	0°32	9°58	9° 8	17°37	9°56	13°27	22°55	27° 8	26°47	27°45	24°13	n.a.	W 7
T 8	2 29 15	6°47'18	12♈25	29♎19	9°22	9°50	17°51	10° 1	13°25	22°57	27° 9	26°44	27°42	24°20	n.a.	T 8
F 9	2 33 11	7°48'31	26°41	28°14	8°46	10°32	18° 5	10° 6	13°22	22°59	27°10	26°41	27°39	24°26	n.a.	F 9
S 10	2 37 8	8°49'43	10♉42	27°18	8° 9	11°14	18°18	10°10	13°20	23° 2	27°12	26°40	27°35	24°33	n.a.	S 10
S 11	2 41 5	9°50'57	24°25	26°33	7°33	11°56	18°32	10°15	13°17	23° 4	27°13	26°D39	27°32	24°40	n.a.	S 11
M12	2 45 1	10°52'11	7♊47	25°58	6°57	12°38	18°46	10°20	13°14	23° 6	27°14	26°39	27°29	24°47	n.a.	M12
T 13	2 48 58	11°53'26	20°48	25°35	6°21	13°21	19° 0	10°25	13°12	23° 8	27°14	26°40	27°26	24°53	n.a.	T 13
W14	2 52 54	12°54'41	3♋29	25°22	5°47	14° 3	19°14	10°29	13° 9	23°10	27°15	26°41	27°23	25° 0	n.a.	W14
T 15	2 56 51	13°55'57	15°52	25°D20	5°13	14°45	19°27	10°34	13° 7	23°12	27°16	26°43	27°19	25° 7	n.a.	T 15
F 16	3 0 47	14°57'13	28° 0	25°27	4°41	15°27	19°41	10°38	13° 4	23°15	27°17	26°44	27°16	25°13	n.a.	F 16
S 17	3 4 44	15°58'30	9♌59	25°43	4°11	16°10	19°55	10°42	13° 2	23°17	27°18	26°44	27°13	25°20	n.a.	S 17
S 18	3 8 41	16°59'48	21°52	26° 7	3°42	16°52	20° 9	10°47	12°59	23°19	27°19	26°R44	27°10	25°27	n.a.	S 18
M19	3 12 37	18° 1'06	3♍44	26°38	3°15	17°35	20°23	10°51	12°56	23°21	27°19	26°44	27° 7	25°34	n.a.	M19
T 20	3 16 34	19° 2'24	15°41	27°16	2°50	18°17	20°37	10°55	12°54	23°23	27°20	26°43	27° 4	25°40	n.a.	T 20
W21	3 20 30	20° 3'42	27°46	28° 0	2°27	19° 0	20°51	10°59	12°51	23°25	27°21	26°42	27° 0	25°47	n.a.	W21
T 22	3 24 27	21° 5'01	10♎ 3	28°48	2° 6	19°42	21° 4	11° 3	12°49	23°27	27°21	26°41	26°57	25°54	n.a.	T 22
F 23	3 28 23	22° 6'20	22°34	29°42	1°48	20°25	21°18	11° 7	12°46	23°29	27°22	26°41	26°54	26° 1	n.a.	F 23
S 24	3 32 20	23° 7'40	5♏23	0♏39	1°33	21° 7	21°32	11°10	12°44	23°31	27°23	26°40	26°51	26° 7	n.a.	S 24
S 25	3 36 16	24° 8'59	18°28	1°40	1°19	21°50	21°46	11°14	12°41	23°33	27°23	26°40	26°48	26°14	n.a.	S 25
M26	3 40 13	25°10'18	1♐50	2°44	1° 8	22°33	22° 0	11°17	12°39	23°35	27°24	26°D40	26°45	26°21	n.a.	M26
T 27	3 44 10	26°11'37	15°28	3°51	1° 0	23°16	22°14	11°21	12°36	23°37	27°24	26°R40	26°41	26°27	n.a.	T 27
W28	3 48 6	27°12'56	29°19	5° 0	0°54	23°58	22°28	11°24	12°34	23°39	27°25	26°40	26°38	26°34	n.a.	W28
T 29	3 52 3	28°14'15	13♑19	6°12	0°51	24°41	22°41	11°28	12°31	23°41	27°25	26°40	26°35	26°41	n.a.	T 29
F 30	3 55 59	29♏15'33	27♑27	7♏25	0°D50	25♎24	22♏55	11♍31	12♉29	23♎43	27♌25	26♉40	26♉32	26♌48	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s31	26s52	3s 5	14s40	0s10	19s41	3s49	1s19	0n44	16s32	0n27	10n15	2n15	15n59	0s14	7s11	1n55	28n 4	16n29	19n46	20n 2	18n43		n.a.
F 2	11 53	26 44	4 0	13 58	0n10	19 21	3 37	1 37	0 43	16 36	0 27	10 13	2 15	15 58	0 14	7 12	1 55	28 4	16 30	19 46	20 2	18 40		n.a.
S 3	12 15	24 55	4 42	13 14	0 31	18 59	3 25	1 54	0 43	16 40	0 26	10 11	2 16	15 57	0 14	7 12	1 55	28 4	16 31	19 46	20 1	18 38		n.a.
S 4	12 36	21 32	5 7	12 27	0 51	18 37	3 12	2 11	0 42	16 44	0 26	10 9	2 16	15 57	0 14	7 13	1 55	28 4	16 31	19 46	20 0	18 36		n.a.
M 5	12 57	16 51	5 14	11 40	1 11	18 14	2 58	2 28	0 42	16 48	0 26	10 8	2 16	15 56	0 14	7 14	1 55	28 4	16 32	19 46	20 0	18 34		n.a.
T 6	13 18	11 11	5 1	10 54	1 30	17 49	2 45	2 46	0 42	16 52	0 26	10 6	2 16	15 55	0 14	7 15	1 55	28 4	16 32	19 45	19 59	18 31		n.a.
W 7	13 39	4 54	4 29	10 10	1 47	17 24	2 30	3 3	0 41	16 56	0 26	10 4	2 17	15 54	0 14	7 16	1 55	28 4	16 33	19 45	19 58	18 29		n.a.
T 8	14 0	1n37	3 40	9 30	2 2	16 59	2 16	3 20	0 41	17 0	0 26	10 2	2 17	15 54	0 14	7 17	1 55	28 4	16 33	19 44	19 57	18 27		n.a.
F 9	14 20	8 0	2 38	8 54	2 16	16 33	2 0	3 37	0 40	17 4	0 26	10 1	2 17	15 53	0 14	7 17	1 55	28 4	16 34	19 43	19 57	18 25		n.a.
S 10	14 40	13 53	1 27	8 23	2 27	16 6	1 45	3 54	0 40	17 8	0 26	9 59	2 17	15 52	0 14	7 18	1 56	28 4	16 34	19 43	19 56	18 22		n.a.
S 11	15 0	18 58	0 12	7 59	2 36	15 39	1 30	4 11	0 39	17 12	0 26	9 57	2 17	15 51	0 14	7 19	1 56	28 5	16 35	19 43	19 55	18 20		n.a.
M12	15 19	22 57	1n 1	7 40	2 43	15 13	1 14	4 29	0 39	17 16	0 25	9 56	2 18	15 50	0 14	7 20	1 56	28 5	16 35	19 43	19 54	18 18		n.a.
T 13	15 38	25 39	2 10	7 27	2 48	14 46	0 59	4 46	0 38	17 20	0 25	9 54	2 18	15 50	0 14	7 21	1 56	28 5	16 36	19 43	19 54	18 15		n.a.
W14	15 57	26 56	3 10	7 19	2 51	14 20	0 43	5 3	0 38	17 24	0 25	9 53	2 18	15 49	0 14	7 21	1 56	28 5	16 36	19 43	19 53	18 13		n.a.
T 15	16 16	26 49	4 0	7 17	2 52	13 54	0 27	5 20	0 37	17 28	0 25	9 51	2 18	15 48	0 14	7 22	1 56	28 5	16 37	19 44	19 52	18 11		n.a.
F 16	16 35	25 25	4 38	7 20	2 52	13 28	0 12	5 37	0 37	17 32	0 25	9 50	2 19	15 47	0 14	7 23	1 56	28 5	16 38	19 44	19 51	18 9		n.a.
S 17	16 53	22 53	5 3	7 27	2 50	13 4	0n 3	5 54	0 36	17 36	0 25	9 48	2 19	15 47	0 14	7 24	1 56	28 6	16 38	19 44	19 51	18 6		n.a.
S 18	17 10	19 24	5 15	7 38	2 48	12 40	0 18	6 11	0 36	17 40	0 25	9 47	2 19	15 46	0 14	7 25	1 56	28 6	16 39	19 44	19 50	18 4		n.a.
M19	17 28	15 9	5 14	7 53	2 44	12 16	0 33	6 28	0 35	17 44	0 25	9 45	2 19	15 45	0 14	7 25	1 56	28 6	16 39	19 44	19 49	18 2		n.a.
T 20	17 45	10 19	4 59	8 11	2 40	11 54	0 47	6 45	0 34	17 47	0 25	9 44	2 20	15 44	0 14	7 26	1 56	28 6	16 40	19 44	19 49	17 59		n.a.
W21	18 2	5 2	4 31	8 31	2 35	11 33	1 1	7 2	0 34	17 51	0 24	9 43	2 20	15 44	0 14	7 27	1 56	28 7	16 40	19 43	19 48	17 57		n.a.
T 22	18 19	0s31	3 51	8 54	2 29	11 14	1 15	7 19	0 33	17 55	0 24	9 41	2 20	15 43	0 14	7 28	1 56	28 7	16 41	19 43	19 47	17 55		n.a.
F 23	18 35	6 10	2 58	9 18	2 23	10 55	1 28	7 35	0 33	17 59	0 24	9 40	2 20	15 42	0 14	7 28	1 56	28 7	16 42	19 43	19 46	17 52		n.a.
S 24	18 51	11 43	1 55	9 45	2 17	10 38	1 40	7 52	0 32	18 3	0 24	9 39	2 21	15 41	0 14	7 29	1 56	28 8	16 42	19 43	19 46	17 50		n.a.
S 25	19 6	16 52	0 45	10 13	2 10	10 22	1 53	8 9	0 32	18 6	0 24	9 38	2 21	15 40	0 14	7 30	1 56	28 8	16 43	19 43	19 45	17 48		n.a.
M26	19 21	21 19	0s29	10 42	2 3	10 7	2 4	8 26	0 31	18 10	0 24	9 37	2 21	15 40	0 14	7 30	1 56	28 8	16 43	19 43	19 44	17 45		n.a.
T 27	19 36	24 42	1 42	11 11	1 55	9 54	2 15	8 42	0 31	18 14	0 24	9 35	2 21	15 39	0 14	7 31	1 56	28 9	16 44	19 43	19 43	17 43		n.a.
W28	19 51	26 40	2 51	11 42	1 48	9 42	2 26	8 59	0 30	18 17	0 24	9 34	2 22	15 38	0 13	7 32	1 56	28 9	16 45	19 43	19 43	17 40		n.a.
T 29	20 5	26 58	3 51	12 13	1 40	9 31	2 36	9 15	0 29	18 21	0 24	9 33	2 22	15 37	0 13	7 33	1 56	28 10	16 45	19 43	19 42	17 38		n.a.
F 30	20s18	25s31	4s37	12s45	1n32	9s22	2n46	9s32	0n29	18s25	0n24	9n32	2n22	15n37	0s13	7s33	1n56	28n10	16n46	19n43	19n41	17n36		n.a.

Julian Day Number = 1358303.5, Delta T = 07h01m12s
Ecliptic obliquity = 23°48'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°48'02, Lahiri = -17°41'02 Julian Calendar 1 Nov. 995 BCE == Greg. Calendar 23 Oct. 995 BCE

The year -994 astronomical counting style corresponds to year 995 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 995 BCE
geocentric

DECEMBER 995 BCE (-994) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 59 56	0♐16'51	11♒38	8♏40	0♏51	26♎ 7	23♏ 9	11♍34	12°R26	23♎45	27♌26	26°R39	26♉29	26♌54	n.a.	S 1
S 2	4 3 52	1°18'07	25°50	9°57	0°55	26°50	23°23	11°37	12♉24	23°47	27°26	26°D39	26°25	27° 1	n.a.	S 2
M 3	4 7 49	2°19'23	10♓ 1	11°16	1° 2	27°33	23°37	11°40	12°22	23°49	27°26	26♉39	26°22	27° 8	n.a.	M 3
T 4	4 11 46	3°20'39	24° 9	12°35	1°10	28°16	23°51	11°43	12°19	23°51	27°26	26°40	26°19	27°15	n.a.	T 4
W 5	4 15 42	4°21'53	8♈11	13°56	1°21	28°59	24° 4	11°45	12°17	23°52	27°27	26°40	26°16	27°21	n.a.	W 5
T 6	4 19 39	5°23'07	22° 5	15°18	1°34	29°42	24°18	11°48	12°15	23°54	27°27	26°41	26°13	27°28	n.a.	T 6
F 7	4 23 35	6°24'20	5♉50	16°41	1°49	0♏25	24°32	11°51	12°12	23°56	27°27	26°42	26°10	27°35	n.a.	F 7
S 8	4 27 32	7°25'33	19°24	18° 5	2° 6	1° 8	24°46	11°53	12°10	23°58	27°27	26°42	26° 6	27°41	n.a.	S 8
S 9	4 31 28	8°26'44	2♊44	19°30	2°25	1°51	24°59	11°55	12° 8	24° 0	27°27	26°R42	26° 3	27°48	n.a.	S 9
M10	4 35 25	9°27'55	15°50	20°55	2°47	2°34	25°13	11°58	12° 6	24° 1	27°R27	26°42	26° 0	27°55	n.a.	M10
T 11	4 39 21	10°29'06	28°40	22°22	3°10	3°17	25°27	12° 0	12° 3	24° 3	27°27	26°40	25°57	28° 2	n.a.	T 11
W12	4 43 18	11°30'16	11♋16	23°49	3°35	4° 0	25°40	12° 2	12° 1	24° 5	27°27	26°38	25°54	28° 8	n.a.	W12
T 13	4 47 15	12°31'25	23°37	25°16	4° 1	4°44	25°54	12° 4	11°59	24° 6	27°27	26°36	25°51	28°15	n.a.	T 13
F 14	4 51 11	13°32'33	5♌46	26°45	4°30	5°27	26° 7	12° 5	11°57	24° 8	27°27	26°33	25°47	28°22	n.a.	F 14
S 15	4 55 8	14°33'41	17°45	28°14	5° 0	6°10	26°21	12° 7	11°55	24°10	27°27	26°31	25°44	28°29	n.a.	S 15
S 16	4 59 4	15°34'48	29°39	29°44	5°31	6°54	26°35	12° 9	11°53	24°11	27°26	26°29	25°41	28°35	n.a.	S 16
M17	5 3 1	16°35'55	11♍31	1♐14	6° 4	7°37	26°48	12°10	11°51	24°13	27°26	26°D28	25°38	28°42	n.a.	M17
T 18	5 6 57	17°37'01	23°26	2°45	6°39	8°21	27° 2	12°12	11°49	24°14	27°26	26°28	25°35	28°49	n.a.	T 18
W19	5 10 54	18°38'06	5♎30	4°17	7°15	9° 4	27°15	12°13	11°47	24°16	27°26	26°29	25°31	28°55	n.a.	W19
T 20	5 14 51	19°39'10	17°46	5°49	7°52	9°48	27°28	12°14	11°45	24°17	27°25	26°31	25°28	29° 2	n.a.	T 20
F 21	5 18 47	20°40'13	0♏19	7°22	8°30	10°31	27°42	12°15	11°43	24°19	27°25	26°32	25°25	29° 9	n.a.	F 21
S 22	5 22 44	21°41'16	13°13	8°55	9°10	11°15	27°55	12°16	11°42	24°20	27°24	26°34	25°22	29°16	n.a.	S 22
S 23	5 26 40	22°42'18	26°29	10°30	9°51	11°58	28° 8	12°17	11°40	24°22	27°24	26°R34	25°19	29°22	n.a.	S 23
M24	5 30 37	23°43'18	10♐ 9	12° 5	10°33	12°42	28°22	12°18	11°38	24°23	27°24	26°34	25°16	29°29	n.a.	M24
T 25	5 34 33	24°44'18	24°10	13°40	11°16	13°26	28°35	12°19	11°36	24°24	27°23	26°31	25°12	29°36	n.a.	T 25
W26	5 38 30	25°45'17	8♑29	15°16	12° 1	14° 9	28°48	12°19	11°35	24°26	27°22	26°28	25° 9	29°42	n.a.	W26
T 27	5 42 26	26°46'14	23° 0	16°53	12°46	14°53	29° 1	12°20	11°33	24°27	27°22	26°24	25° 6	29°49	n.a.	T 27
F 28	5 46 23	27°47'09	7♒37	18°31	13°32	15°37	29°14	12°20	11°32	24°28	27°21	26°19	25° 3	29°56	n.a.	F 28
S 29	5 50 20	28°48'03	22°13	20° 9	14°19	16°20	29°27	12°21	11°30	24°30	27°21	26°14	25° 0	0♍ 3	n.a.	S 29
S 30	5 54 16	29°48'56	6♓41	21°48	15° 7	17° 4	29°40	12°21	11°29	24°31	27°20	26°11	24°57	0° 9	n.a.	S 30
M31	5 58 13	0♑49'46	20♓59	23♐28	15♏55	17♏48	29♏53	12°R21	11♉27	24♎32	27♌19	26♉ 9	24♉53	0♍16	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s32	22s27	5s 6	13s17	1n24	9s14	2n55	9s48	0n28	18s28	0n23	9n31	2n22	15n36	0s13	7s34	1n56	28n10	16n46	19n43	19n40	17n33		n.a.
S 2	20 45	18 3	5 17	13 49	1 16	9 7	3 3	10 4	0 28	18 32	0 23	9 31	2 23	15 35	0 13	7 35	1 56	28 11	16 47	19 43	19 40	17 31		n.a.
M 3	20 57	12 40	5 8	14 22	1 8	9 2	3 11	10 21	0 27	18 36	0 23	9 30	2 23	15 34	0 13	7 35	1 56	28 11	16 47	19 43	19 39	17 29		n.a.
T 4	21 9	6 39	4 41	14 54	1 1	8 58	3 19	10 37	0 26	18 39	0 23	9 29	2 23	15 34	0 13	7 36	1 56	28 12	16 48	19 43	19 38	17 26		n.a.
W 5	21 21	0 20	3 58	15 26	0 53	8 55	3 26	10 53	0 26	18 43	0 23	9 28	2 23	15 33	0 13	7 37	1 56	28 12	16 49	19 43	19 37	17 24		n.a.
T 6	21 32	5n57	3 0	15 58	0 45	8 53	3 33	11 9	0 25	18 46	0 23	9 27	2 24	15 32	0 13	7 37	1 56	28 13	16 49	19 43	19 37	17 21		n.a.
F 7	21 43	11 54	1 53	16 30	0 37	8 52	3 39	11 25	0 24	18 50	0 23	9 26	2 24	15 32	0 13	7 38	1 56	28 13	16 50	19 43	19 36	17 19		n.a.
S 8	21 53	17 12	0 40	17 1	0 29	8 53	3 45	11 41	0 24	18 53	0 23	9 26	2 24	15 31	0 13	7 38	1 56	28 14	16 50	19 43	19 35	17 17		n.a.
S 9	22 3	21 35	0n33	17 32	0 21	8 55	3 50	11 56	0 23	18 57	0 23	9 25	2 25	15 30	0 13	7 39	1 56	28 14	16 51	19 44	19 34	17 14		n.a.
M10	22 13	24 46	1 44	18 3	0 14	8 57	3 55	12 12	0 23	19 0	0 23	9 25	2 25	15 30	0 13	7 40	1 56	28 15	16 52	19 43	19 33	17 12		n.a.
T 11	22 22	26 36	2 48	18 33	0 6	9 1	3 59	12 28	0 22	19 4	0 23	9 24	2 25	15 29	0 13	7 40	1 56	28 15	16 52	19 43	19 33	17 9		n.a.
W12	22 31	27 1	3 42	19 2	0s 1	9 6	4 3	12 43	0 21	19 7	0 22	9 23	2 25	15 28	0 13	7 41	1 56	28 16	16 53	19 43	19 32	17 7		n.a.
T 13	22 39	26 3	4 25	19 31	0 8	9 11	4 7	12 59	0 21	19 10	0 22	9 23	2 26	15 28	0 13	7 41	1 57	28 16	16 53	19 42	19 31	17 4		n.a.
F 14	22 47	23 53	4 55	19 59	0 15	9 18	4 10	13 14	0 20	19 14	0 22	9 22	2 26	15 27	0 13	7 42	1 57	28 17	16 54	19 41	19 30	17 2		n.a.
S 15	22 54	20 41	5 11	20 26	0 22	9 25	4 13	13 29	0 19	19 17	0 22	9 22	2 26	15 26	0 13	7 43	1 57	28 18	16 54	19 41	19 30	17 0		n.a.
S 16	23 1	16 40	5 15	20 53	0 29	9 33	4 16	13 44	0 19	19 20	0 22	9 22	2 27	15 26	0 13	7 43	1 57	28 18	16 55	19 40	19 29	16 57		n.a.
M17	23 8	12 2	5 4	21 19	0 36	9 42	4 18	13 59	0 18	19 23	0 22	9 21	2 27	15 25	0 13	7 44	1 57	28 19	16 56	19 40	19 28	16 55		n.a.
T 18	23 14	6 56	4 41	21 44	0 42	9 51	4 20	14 14	0 17	19 27	0 22	9 21	2 27	15 25	0 13	7 44	1 57	28 19	16 56	19 40	19 27	16 52		n.a.
W19	23 19	1 31	4 5	22 8	0 49	10 2	4 22	14 29	0 17	19 30	0 22	9 21	2 27	15 24	0 13	7 45	1 57	28 20	16 57	19 40	19 27	16 50		n.a.
T 20	23 24	4s 3	3 17	22 31	0 55	10 12	4 23	14 44	0 16	19 33	0 22	9 21	2 28	15 23	0 13	7 45	1 57	28 21	16 57	19 41	19 26	16 47		n.a.
F 21	23 29	9 35	2 19	22 53	1 1	10 24	4 24	14 58	0 15	19 36	0 22	9 20	2 28	15 23	0 13	7 46	1 57	28 21	16 58	19 41	19 25	16 45		n.a.
S 22	23 33	14 54	1 13	23 14	1 6	10 36	4 25	15 13	0 14	19 39	0 22	9 20	2 28	15 22	0 13	7 46	1 57	28 22	16 58	19 41	19 24	16 42		n.a.
S 23	23 37	19 40	0 0	23 33	1 12	10 48	4 26	15 27	0 14	19 42	0 22	9 20	2 29	15 22	0 13	7 47	1 57	28 23	16 59	19 42	19 23	16 40		n.a.
M24	23 40	23 32	1s14	23 52	1 17	11 1	4 26	15 41	0 13	19 45	0 21	9 20	2 29	15 21	0 13	7 47	1 57	28 23	17 0	19 41	19 23	16 37		n.a.
T 25	23 42	26 6	2 25	24 9	1 22	11 14	4 26	15 55	0 12	19 49	0 21	9 20	2 29	15 21	0 13	7 48	1 57	28 24	17 0	19 41	19 22	16 35		n.a.
W26	23 45	27 1	3 29	24 26	1 27	11 28	4 26	16 9	0 12	19 52	0 21	9 20	2 29	15 20	0 13	7 48	1 57	28 25	17 1	19 40	19 21	16 32		n.a.
T 27	23 46	26 6	4 21	24 40	1 31	11 42	4 25	16 23	0 11	19 55	0 21	9 20	2 30	15 20	0 13	7 48	1 57	28 25	17 1	19 39	19 20	16 30		n.a.
F 28	23 48	23 24	4 55	24 54	1 36	11 56	4 25	16 37	0 10	19 57	0 21	9 20	2 30	15 19	0 13	7 49	1 57	28 26	17 2	19 38	19 20	16 27		n.a.
S 29	23 49	19 13	5 11	25 6	1 40	12 11	4 24	16 50	0 9	20 0	0 21	9 21	2 30	15 19	0 13	7 49	1 57	28 27	17 2	19 37	19 19	16 25		n.a.
S 30	23 49	13 55	5 7	25 16	1 43	12 26	4 23	17 4	0 9	20 3	0 21	9 21	2 31	15 18	0 13	7 50	1 57	28 28	17 3	19 36	19 18	16 22		n.a.
M31	23s49	7s57	4s43	25s26	1s47	12s41	4n22	17s17	0n 8	20s 6	0n21	9n21	2n31	15n18	0s13	7s50	1n57	28n28	17n 3	19n36	19n17	16n20		n.a.

Julian Day Number = 1358333.5, Delta T = 07h01m11s
Ecliptic obliquity = 23°48'54, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°47'58, Lahiri = -17°40'58 Julian Calendar 1 Dec. 995 BCE == Greg. Calendar 22 Nov. 995 BCE

The year -994 astronomical counting style corresponds to year 995 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 994 BCE
geocentric

JANUARY 994 BCE (-993) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 2 9	1♉50'35	5♈ 3	25♐ 9	16♏45	18♏32	0♐ 6	12°R21	11°R26	24♎33	27°R19	26°D 9	24♉50	0♍23	n.a.	T 1
W 2	6 6 6	2°51'22	18°51	26°50	17°35	19°16	0°19	12♍21	11♉24	24°34	27♌18	26♉ 9	24°47	0°30	n.a.	W 2
T 3	6 10 2	3°52'07	2♉26	28°32	18°26	20° 0	0°31	12°20	11°23	24°35	27°17	26°11	24°44	0°36	n.a.	T 3
F 4	6 13 59	4°52'51	15°46	0♊15	19°18	20°44	0°44	12°20	11°22	24°36	27°16	26°12	24°41	0°43	n.a.	F 4
S 5	6 17 55	5°53'33	28°54	1°59	20°11	21°28	0°57	12°20	11°21	24°37	27°15	26°R13	24°37	0°50	n.a.	S 5
S 6	6 21 52	6°54'13	11♊50	3°44	21° 4	22°12	1° 9	12°19	11°19	24°38	27°14	26°12	24°34	0°56	n.a.	S 6
M 7	6 25 49	7°54'51	24°35	5°29	21°58	22°56	1°22	12°18	11°18	24°39	27°14	26° 8	24°31	1° 3	n.a.	M 7
T 8	6 29 45	8°55'28	7♋ 8	7°15	22°52	23°40	1°34	12°18	11°17	24°40	27°13	26° 3	24°28	1°10	n.a.	T 8
W 9	6 33 42	9°56'03	19°32	9° 2	23°47	24°24	1°47	12°17	11°16	24°41	27°12	25°55	24°25	1°17	n.a.	W 9
T 10	6 37 38	10°56'36	1♌46	10°50	24°42	25° 8	1°59	12°16	11°15	24°42	27°11	25°47	24°22	1°23	n.a.	T 10
F 11	6 41 35	11°57'08	13°50	12°39	25°39	25°52	2°11	12°15	11°14	24°43	27°10	25°38	24°18	1°30	n.a.	F 11
S 12	6 45 31	12°57'38	25°48	14°29	26°35	26°36	2°23	12°13	11°14	24°44	27° 9	25°29	24°15	1°37	n.a.	S 12
S 13	6 49 28	13°58'07	7♍41	16°19	27°32	27°20	2°35	12°12	11°13	24°44	27° 8	25°22	24°12	1°44	n.a.	S 13
M14	6 53 25	14°58'34	19°32	18°10	28°30	28° 4	2°48	12°11	11°12	24°45	27° 6	25°16	24° 9	1°50	n.a.	M14
T 15	6 57 21	15°58'59	1♎26	20° 2	29°28	28°49	2°59	12° 9	11°11	24°46	27° 5	25°13	24° 6	1°57	n.a.	T 15
W16	7 1 18	16°59'23	13°26	21°54	0♐27	29°33	3°11	12° 8	11°11	24°46	27° 4	25°D11	24° 3	2° 4	n.a.	W16
T 17	7 5 14	17°59'45	25°39	23°47	1°26	0♐17	3°23	12° 6	11°10	24°47	27° 3	25°11	23°59	2°10	n.a.	T 17
F 18	7 9 11	19° 0'05	8♏ 8	25°40	2°25	1° 2	3°35	12° 4	11° 9	24°48	27° 2	25°12	23°56	2°17	n.a.	F 18
S 19	7 13 7	20° 0'24	20°59	27°33	3°25	1°46	3°47	12° 2	11° 9	24°48	27° 1	25°R13	23°53	2°24	n.a.	S 19
S 20	7 17 4	21° 0'42	4♐16	29°27	4°25	2°30	3°58	12° 0	11° 8	24°49	26°59	25°13	23°50	2°31	n.a.	S 20
M21	7 21 0	22° 0'58	18° 0	1♒20	5°26	3°15	4°10	11°58	11° 8	24°49	26°58	25°11	23°47	2°37	n.a.	M21
T 22	7 24 57	23° 1'12	2♉12	3°13	6°27	3°59	4°21	11°56	11° 8	24°50	26°57	25° 6	23°43	2°44	n.a.	T 22
W23	7 28 54	24° 1'24	16°49	5° 5	7°28	4°44	4°32	11°54	11° 7	24°50	26°56	24°59	23°40	2°51	n.a.	W23
T 24	7 32 50	25° 1'34	1♒43	6°57	8°30	5°28	4°44	11°52	11° 7	24°51	26°54	24°50	23°37	2°58	n.a.	T 24
F 25	7 36 47	26° 1'43	16°46	8°47	9°32	6°12	4°55	11°49	11° 7	24°51	26°53	24°40	23°34	3° 4	n.a.	F 25
S 26	7 40 43	27° 1'49	1♓49	10°35	10°34	6°57	5° 6	11°47	11° 7	24°51	26°52	24°31	23°31	3°11	n.a.	S 26
S 27	7 44 40	28° 1'52	16°41	12°21	11°36	7°41	5°17	11°44	11° 7	24°52	26°50	24°23	23°28	3°18	n.a.	S 27
M28	7 48 36	29° 1'54	1♈15	14° 5	12°39	8°26	5°28	11°42	11°D 7	24°52	26°49	24°18	23°24	3°24	n.a.	M28
T 29	7 52 33	0♒ 1'53	15°29	15°46	13°42	9°11	5°38	11°39	11° 7	24°52	26°47	24°15	23°21	3°31	n.a.	T 29
W30	7 56 29	1° 1'49	29°19	17°23	14°45	9°55	5°49	11°36	11° 7	24°52	26°46	24°D14	23°18	3°38	n.a.	W30
T 31	8 0 26	2♒ 1'44	12♉47	18♒55	15♐49	10♐40	6♐ 0	11♍33	11♉ 7	24♎53	26♌44	24♉14	23♉15	3♍45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23s48	1s40	4s 3	25s33	1s50	12s57	4n20	17s30	0n 7	20s 9	0n21	9n21	2n31	15n17	0s13	7s50	1n58	28n29	17n 4	19n36	19n16	16n17			n.a.
W 2	23 47	4n35	3 9	25 39	1 52	13 13	4 19	17 43	0 6	20 12	0 21	9 22	2 31	15 17	0 13	7 51	1 58	28 30	17 4	19 36	19 16	16 15			n.a.
T 3	23 45	10 32	2 6	25 43	1 55	13 28	4 17	17 56	0 6	20 15	0 21	9 22	2 32	15 17	0 13	7 51	1 58	28 31	17 5	19 36	19 15	16 12			n.a.
F 4	23 43	15 55	0 56	25 45	1 57	13 44	4 15	18 8	0 5	20 17	0 21	9 22	2 32	15 16	0 13	7 51	1 58	28 31	17 5	19 36	19 14	16 10			n.a.
S 5	23 41	20 28	0n15	25 46	1 58	14 0	4 13	18 21	0 4	20 20	0 21	9 23	2 32	15 16	0 13	7 52	1 58	28 32	17 6	19 37	19 13	16 7			n.a.
S 6	23 38	23 57	1 24	25 45	1 59	14 16	4 11	18 33	0 3	20 23	0 20	9 23	2 33	15 16	0 13	7 52	1 58	28 33	17 6	19 36	19 13	16 4			n.a.
M 7	23 34	26 9	2 27	25 42	2 0	14 33	4 8	18 45	0 2	20 25	0 20	9 24	2 33	15 15	0 13	7 52	1 58	28 34	17 7	19 35	19 12	16 2			n.a.
T 8	23 31	27 0	3 23	25 37	2 0	14 49	4 6	18 57	0 2	20 28	0 20	9 24	2 33	15 15	0 13	7 53	1 58	28 34	17 7	19 34	19 11	15 59			n.a.
W 9	23 26	26 27	4 8	25 30	2 0	15 5	4 3	19 9	0 1	20 31	0 20	9 25	2 33	15 15	0 13	7 53	1 58	28 35	17 8	19 32	19 10	15 57			n.a.
T 10	23 21	24 38	4 41	25 21	2 0	15 21	4 0	19 21	0s 0	20 33	0 20	9 26	2 34	15 14	0 13	7 53	1 58	28 36	17 8	19 30	19 9	15 54			n.a.
F 11	23 16	21 43	5 1	25 10	1 58	15 38	3 58	19 32	0 1	20 36	0 20	9 26	2 34	15 14	0 13	7 53	1 58	28 37	17 9	19 28	19 9	15 52			n.a.
S 12	23 10	17 55	5 7	24 57	1 57	15 54	3 55	19 44	0 2	20 38	0 20	9 27	2 34	15 14	0 13	7 54	1 58	28 38	17 9	19 26	19 8	15 49			n.a.
S 13	23 4	13 27	5 0	24 42	1 55	16 10	3 51	19 55	0 3	20 41	0 20	9 28	2 35	15 14	0 13	7 54	1 58	28 38	17 9	19 24	19 7	15 47			n.a.
M14	22 58	8 29	4 40	24 25	1 52	16 26	3 48	20 6	0 3	20 43	0 20	9 29	2 35	15 13	0 13	7 54	1 58	28 39	17 10	19 23	19 6	15 44			n.a.
T 15	22 50	3 12	4 8	24 5	1 49	16 42	3 45	20 17	0 4	20 46	0 20	9 29	2 35	15 13	0 13	7 54	1 58	28 40	17 10	19 22	19 5	15 41			n.a.
W16	22 43	2s15	3 25	23 43	1 45	16 57	3 41	20 27	0 5	20 48	0 20	9 30	2 35	15 13	0 13	7 55	1 58	28 41	17 11	19 22	19 5	15 39			n.a.
T 17	22 35	7 43	2 32	23 20	1 40	17 13	3 38	20 38	0 6	20 50	0 20	9 31	2 36	15 13	0 13	7 55	1 58	28 42	17 11	19 22	19 4	15 36			n.a.
F 18	22 27	13 1	1 30	22 54	1 35	17 28	3 34	20 48	0 7	20 53	0 20	9 32	2 36	15 13	0 13	7 55	1 59	28 42	17 12	19 22	19 3	15 34			n.a.
S 19	22 18	17 55	0 23	22 26	1 29	17 43	3 31	20 58	0 8	20 55	0 19	9 33	2 36	15 13	0 13	7 55	1 59	28 43	17 12	19 22	19 2	15 31			n.a.
S 20	22 9	22 7	0s48	21 56	1 23	17 58	3 27	21 8	0 8	20 57	0 19	9 34	2 36	15 12	0 13	7 55	1 59	28 44	17 12	19 22	19 1	15 28			n.a.
M21	21 59	25 14	1 59	21 24	1 16	18 13	3 23	21 17	0 9	21 0	0 19	9 35	2 37	15 12	0 13	7 55	1 59	28 45	17 13	19 21	19 1	15 26			n.a.
T 22	21 49	26 52	3 4	20 50	1 8	18 27	3 19	21 27	0 10	21 2	0 19	9 36	2 37	15 12	0 13	7 55	1 59	28 46	17 13	19 20	19 0	15 23			n.a.
W23	21 39	26 42	3 59	20 15	0 59	18 42	3 15	21 36	0 11	21 4	0 19	9 37	2 37	15 12	0 13	7 56	1 59	28 46	17 13	19 19	18 59	15 20			n.a.
T 24	21 28	24 37	4 39	19 38	0 50	18 55	3 11	21 45	0 12	21 6	0 19	9 38	2 37	15 12	0 12	7 56	1 59	28 47	17 14	19 16	18 58	15 18			n.a.
F 25	21 16	20 49	5 1	18 59	0 40	19 9	3 7	21 54	0 13	21 8	0 19	9 40	2 38	15 12	0 12	7 56	1 59	28 48	17 14	19 14	18 57	15 15			n.a.
S 26	21 5	15 40	5 1	18 19	0 29	19 22	3 3	22 2	0 14	21 10	0 19	9 41	2 38	15 12	0 12	7 56	1 59	28 49	17 14	19 12	18 57	15 13			n.a.
S 27	20 53	9 38	4 41	17 39	0 18	19 35	2 58	22 11	0 15	21 12	0 19	9 42	2 38	15 12	0 12	7 56	1 59	28 50	17 15	19 10	18 56	15 10			n.a.
M28	20 40	3 12	4 3	16 57	0 6	19 48	2 54	22 19	0 16	21 14	0 19	9 43	2 38	15 12	0 12	7 56	1 59	28 51	17 15	19 8	18 55	15 7			n.a.
T 29	20 28	3n16	3 11	16 15	0n 7	20 0	2 50	22 27	0 16	21 16	0 19	9 44	2 39	15 12	0 12	7 56	1 59	28 51	17 15	19 8	18 54	15 5			n.a.
W30	20 15	9 24	2 8	15 34	0 20	20 11	2 45	22 34	0 17	21 18	0 19	9 46	2 39	15 12	0 12	7 56	1 59	28 52	17 16	19 7	18 53	15 2			n.a.
T 31	20s 1	14n57	1s 1	14s52	0n33	20s23	2n41	22s42	0s18	21s20	0n19	9n47	2n39	15n12	0s12	7s56	1n59	28n53	17n16	19n 8	18n53	14n59			n.a.

Julian Day Number = 1358364.5, Delta T = 07h01m09s
Ecliptic obliquity = 23°48'54, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°47'54, Lahiri = -17°40'54 Julian Calendar 1 Jan. 994 BCE == Greg. Calendar 23 Dec. 995 BCE

The year -993 astronomical counting style corresponds to year 994 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 994 BCE
geocentric

FEBRUARY 994 BCE (-993) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 4 22	3♒ 1'36	25♉56	20♒23	16♐53	11♐24	6♐10	11°R30	11♉ 7	24♎53	26°R43	24°R14	23♉12	3♍51	n.a.	F 1
S 2	8 8 19	4° 1'25	8♊47	21°46	17°57	12° 9	6°21	11♍27	11° 7	24°53	26♌41	24♉13	23° 9	3°58	n.a.	S 2
S 3	8 12 16	5° 1'13	21°26	23° 3	19° 1	12°53	6°31	11°24	11° 8	24°53	26°40	24°10	23° 5	4° 5	n.a.	S 3
M 4	8 16 12	6° 0'58	3♋53	24°14	20° 6	13°38	6°41	11°21	11° 8	24°53	26°38	24° 4	23° 2	4°11	n.a.	M 4
T 5	8 20 9	7° 0'41	16°11	25°18	21°10	14°23	6°51	11°17	11° 8	24°R53	26°37	23°56	22°59	4°18	n.a.	T 5
W 6	8 24 5	8° 0'21	28°21	26°15	22°15	15° 7	7° 1	11°14	11° 9	24°53	26°35	23°44	22°56	4°25	n.a.	W 6
T 7	8 28 2	8°59'59	10♌25	27° 4	23°21	15°52	7°11	11°10	11° 9	24°53	26°34	23°31	22°53	4°32	n.a.	T 7
F 8	8 31 58	9°59'35	22°24	27°46	24°26	16°37	7°21	11° 7	11°10	24°53	26°32	23°17	22°49	4°38	n.a.	F 8
S 9	8 35 55	10°59'09	4♍18	28°19	25°31	17°22	7°30	11° 3	11°11	24°53	26°31	23° 3	22°46	4°45	n.a.	S 9
S 10	8 39 51	11°58'41	16°10	28°45	26°37	18° 6	7°40	11° 0	11°11	24°52	26°29	22°51	22°43	4°52	n.a.	S 10
M11	8 43 48	12°58'11	28° 1	29° 2	27°43	18°51	7°49	10°56	11°12	24°52	26°27	22°41	22°40	4°59	n.a.	M11
T 12	8 47 45	13°57'39	9♎55	29°11	28°49	19°36	7°58	10°52	11°13	24°52	26°26	22°34	22°37	5° 5	n.a.	T 12
W13	8 51 41	14°57'05	21°55	29°R12	29°56	20°21	8° 8	10°48	11°14	24°52	26°24	22°30	22°34	5°12	n.a.	W13
T 14	8 55 38	15°56'29	4♏ 5	29° 5	1♑ 2	21° 5	8°17	10°45	11°14	24°51	26°23	22°28	22°30	5°19	n.a.	T 14
F 15	8 59 34	16°55'51	16°30	28°50	2° 9	21°50	8°26	10°41	11°15	24°51	26°21	22°28	22°27	5°25	n.a.	F 15
S 16	9 3 31	17°55'11	29°16	28°28	3°15	22°35	8°34	10°37	11°16	24°51	26°19	22°28	22°24	5°32	n.a.	S 16
S 17	9 7 27	18°54'29	12♐27	28° 0	4°22	23°20	8°43	10°33	11°17	24°50	26°18	22°27	22°21	5°39	n.a.	S 17
M18	9 11 24	19°53'46	26° 6	27°26	5°29	24° 5	8°52	10°29	11°18	24°50	26°16	22°24	22°18	5°46	n.a.	M18
T 19	9 15 20	20°53'00	10♑16	26°47	6°36	24°50	9° 0	10°24	11°20	24°49	26°14	22°19	22°15	5°52	n.a.	T 19
W20	9 19 17	21°52'13	24°54	26° 4	7°44	25°34	9° 8	10°20	11°21	24°49	26°13	22°10	22°11	5°59	n.a.	W20
T 21	9 23 14	22°51'24	9♒54	25°17	8°51	26°19	9°16	10°16	11°22	24°48	26°11	22° 0	22° 8	6° 6	n.a.	T 21
F 22	9 27 10	23°50'32	25°10	24°28	9°59	27° 4	9°24	10°12	11°23	24°48	26° 9	21°49	22° 5	6°12	n.a.	F 22
S 23	9 31 7	24°49'38	10♓28	23°38	11° 6	27°49	9°32	10° 7	11°25	24°47	26° 8	21°38	22° 2	6°19	n.a.	S 23
S 24	9 35 3	25°48'42	25°38	22°48	12°14	28°34	9°40	10° 3	11°26	24°47	26° 6	21°28	21°59	6°26	n.a.	S 24
M25	9 39 0	26°47'43	10♈31	21°58	13°22	29°19	9°48	9°59	11°27	24°46	26° 4	21°21	21°55	6°33	n.a.	M25
T 26	9 42 56	27°46'42	24°59	21°10	14°30	0♑ 4	9°55	9°54	11°29	24°45	26° 3	21°17	21°52	6°39	n.a.	T 26
W27	9 46 53	28°45'39	8♉59	20°25	15°38	0°49	10° 2	9°50	11°30	24°45	26° 1	21°15	21°49	6°46	n.a.	W27
T 28	9 50 49	29♒44'33	22♉32	19♒43	16♑46	1♑33	10♐10	9♍46	11♉32	24♎44	26♌ 0	21♉15	21♉46	6♍53	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	19s47	19n41	0n 9	14s11	0n47	20s34	2n37	22s49	0s19	21s22	0n19	9n49	2n39	15n12	0s12	7s56	1n59	28n54	17n16	19n 8	18n52	14n57		n.a.	F 1
S 2	19 33	23 22	1 16	13 31	1 1	20 44	2 32	22 56	0 20	21 24	0 18	9 50	2 39	15 12	0 12	7 56	2 0	28 55	17 17	19 7	18 51	14 54		n.a.	S 2
S 3	19 19	25 51	2 19	12 52	1 15	20 54	2 28	23 3	0 21	21 26	0 18	9 51	2 40	15 12	0 12	7 56	2 0	28 55	17 17	19 7	18 50	14 51		n.a.	S 3
M 4	19 4	26 59	3 14	12 15	1 30	21 4	2 23	23 10	0 22	21 28	0 18	9 53	2 40	15 13	0 12	7 56	2 0	28 56	17 17	19 5	18 49	14 49		n.a.	M 4
T 5	18 49	26 46	3 58	11 40	1 44	21 13	2 19	23 16	0 23	21 30	0 18	9 54	2 40	15 13	0 12	7 56	2 0	28 57	17 17	19 3	18 49	14 46		n.a.	T 5
W 6	18 33	25 15	4 32	11 7	1 58	21 21	2 14	23 22	0 24	21 31	0 18	9 56	2 40	15 13	0 12	7 56	2 0	28 58	17 18	19 0	18 48	14 43		n.a.	W 6
T 7	18 17	22 35	4 52	10 37	2 12	21 29	2 9	23 28	0 25	21 33	0 18	9 57	2 41	15 13	0 12	7 56	2 0	28 58	17 18	18 57	18 47	14 41		n.a.	T 7
F 8	18 1	18 59	5 0	10 10	2 25	21 37	2 5	23 33	0 26	21 35	0 18	9 59	2 41	15 13	0 12	7 55	2 0	28 59	17 18	18 53	18 46	14 38		n.a.	F 8
S 9	17 45	14 38	4 54	9 46	2 38	21 44	2 0	23 39	0 27	21 37	0 18	10 0	2 41	15 14	0 12	7 55	2 0	29 0	17 18	18 50	18 45	14 35		n.a.	S 9
S 10	17 28	9 46	4 36	9 26	2 50	21 51	1 56	23 44	0 28	21 38	0 18	10 2	2 41	15 14	0 12	7 55	2 0	29 1	17 18	18 47	18 44	14 33		n.a.	S 10
M11	17 11	4 33	4 6	9 9	3 2	21 57	1 51	23 49	0 29	21 40	0 18	10 4	2 41	15 14	0 12	7 55	2 0	29 2	17 19	18 44	18 44	14 30		n.a.	M11
T 12	16 54	0s52	3 25	8 57	3 12	22 2	1 46	23 54	0 30	21 41	0 18	10 5	2 41	15 14	0 12	7 55	2 0	29 2	17 19	18 42	18 43	14 27		n.a.	T 12
W13	16 36	6 17	2 34	8 48	3 21	22 7	1 42	23 58	0 31	21 43	0 18	10 7	2 42	15 15	0 12	7 55	2 0	29 3	17 19	18 41	18 42	14 24		n.a.	W13
T 14	16 18	11 35	1 36	8 43	3 29	22 12	1 37	24 2	0 32	21 44	0 18	10 8	2 42	15 15	0 12	7 55	2 0	29 4	17 19	18 41	18 41	14 22		n.a.	T 14
F 15	16 0	16 32	0 31	8 42	3 35	22 15	1 33	24 6	0 33	21 46	0 18	10 10	2 42	15 15	0 12	7 54	2 0	29 4	17 19	18 41	18 40	14 19		n.a.	F 15
S 16	15 42	20 54	0s36	8 45	3 40	22 19	1 28	24 10	0 34	21 47	0 17	10 12	2 42	15 15	0 12	7 54	2 0	29 5	17 19	18 41	18 39	14 16		n.a.	S 16
S 17	15 23	24 21	1 43	8 52	3 43	22 21	1 23	24 13	0 35	21 49	0 17	10 13	2 42	15 16	0 12	7 54	2 0	29 6	17 19	18 40	18 39	14 14		n.a.	S 17
M18	15 5	26 33	2 48	9 2	3 45	22 23	1 19	24 16	0 36	21 50	0 17	10 15	2 42	15 16	0 12	7 54	2 1	29 7	17 20	18 40	18 38	14 11		n.a.	M18
T 19	14 46	27 8	3 44	9 16	3 45	22 25	1 14	24 19	0 37	21 52	0 17	10 17	2 43	15 17	0 12	7 54	2 1	29 7	17 20	18 38	18 37	14 8		n.a.	T 19
W20	14 26	25 52	4 27	9 33	3 42	22 26	1 10	24 22	0 38	21 53	0 17	10 19	2 43	15 17	0 12	7 53	2 1	29 8	17 20	18 36	18 36	14 5		n.a.	W20
T 21	14 7	22 45	4 53	9 52	3 38	22 26	1 5	24 24	0 39	21 54	0 17	10 20	2 43	15 17	0 12	7 53	2 1	29 9	17 20	18 33	18 35	14 3		n.a.	T 21
F 22	13 47	18 1	4 59	10 14	3 33	22 26	1 1	24 27	0 40	21 56	0 17	10 22	2 43	15 18	0 12	7 53	2 1	29 9	17 20	18 30	18 35	14 0		n.a.	F 22
S 23	13 27	12 8	4 44	10 38	3 25	22 25	0 56	24 28	0 41	21 57	0 17	10 24	2 43	15 18	0 12	7 53	2 1	29 10	17 20	18 27	18 34	13 57		n.a.	S 23
S 24	13 7	5 33	4 9	11 3	3 16	22 23	0 52	24 30	0 42	21 58	0 17	10 26	2 43	15 19	0 12	7 52	2 1	29 11	17 20	18 25	18 33	13 54		n.a.	S 24
M25	12 47	1n13	3 17	11 29	3 6	22 21	0 47	24 31	0 43	21 59	0 17	10 27	2 43	15 19	0 12	7 52	2 1	29 11	17 20	18 23	18 32	13 52		n.a.	M25
T 26	12 26	7 45	2 14	11 55	2 54	22 18	0 43	24 33	0 44	22 1	0 17	10 29	2 43	15 20	0 12	7 52	2 1	29 12	17 20	18 22	18 31	13 49		n.a.	T 26
W27	12 5	13 42	1 4	12 22	2 41	22 15	0 39	24 33	0 45	22 2	0 17	10 31	2 43	15 20	0 12	7 51	2 1	29 13	17 20	18 21	18 30	13 46		n.a.	W27
T 28	11s44	18n48	0n 7	12s48	2n28	22s11	0n34	24s34	0s46	22s 3	0n17	10n33	2n44	15n21	0s12	7s51	2n 1	29n13	17n20	18n21	18n30	13n43		n.a.	T 28

Julian Day Number = 1358395.5, Delta T = 07h01m08s
Ecliptic obliquity = 23°48'55, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°47'50, Lahiri = -17°40'49 Julian Calendar 1 Feb. 994 BCE == Greg. Calendar 23 Jan. 994 BCE

The year -993 astronomical counting style corresponds to year 994 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 994 BCE
geocentric

MARCH 994 BCE (-993) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 54 46	0♓43'25	5♊41	19°R 5	17♉55	2♉18	10♐17	9°R41	11♉34	24°R43	25°R58	21°R15	21♉43	6♍59	n.a.	F 1
S 2	9 58 42	1°42'15	18°29	18♒31	19° 3	3° 3	10°23	9♍37	11°35	24♎42	25♌56	21♉14	21°40	7° 6	n.a.	S 2
S 3	10 2 39	2°41'02	0♋59	18° 1	20°12	3°48	10°30	9°32	11°37	24°42	25°55	21°11	21°36	7°13	n.a.	S 3
M 4	10 6 36	3°39'47	13°17	17°37	21°20	4°33	10°37	9°28	11°39	24°41	25°53	21° 5	21°33	7°20	n.a.	M 4
T 5	10 10 32	4°38'29	25°24	17°19	22°29	5°18	10°43	9°23	11°41	24°40	25°51	20°57	21°30	7°26	n.a.	T 5
W 6	10 14 29	5°37'09	7♌25	17° 5	23°38	6° 3	10°49	9°18	11°42	24°39	25°50	20°46	21°27	7°33	n.a.	W 6
T 7	10 18 25	6°35'47	19°22	16°57	24°47	6°48	10°56	9°14	11°44	24°38	25°48	20°34	21°24	7°40	n.a.	T 7
F 8	10 22 22	7°34'22	1♍15	16°D54	25°56	7°32	11° 2	9° 9	11°46	24°37	25°46	20°20	21°20	7°47	n.a.	F 8
S 9	10 26 18	8°32'56	13° 8	16°56	27° 5	8°17	11° 7	9° 5	11°48	24°36	25°45	20° 7	21°17	7°53	n.a.	S 9
S 10	10 30 15	9°31'27	25° 0	17° 4	28°14	9° 2	11°13	9° 0	11°50	24°35	25°43	19°55	21°14	8° 0	n.a.	S 10
M11	10 34 11	10°29'57	6♎54	17°17	29°23	9°47	11°18	8°56	11°52	24°34	25°42	19°46	21°11	8° 7	n.a.	M11
T 12	10 38 8	11°28'24	18°52	17°34	0♒32	10°32	11°24	8°51	11°54	24°33	25°40	19°39	21° 8	8°13	n.a.	T 12
W13	10 42 4	12°26'50	0♏56	17°56	1°41	11°17	11°29	8°47	11°56	24°32	25°38	19°35	21° 5	8°20	n.a.	W13
T 14	10 46 1	13°25'14	13° 9	18°23	2°51	12° 2	11°34	8°42	11°59	24°31	25°37	19°33	21° 1	8°27	n.a.	T 14
F 15	10 49 58	14°23'36	25°36	18°54	4° 0	12°46	11°39	8°38	12° 1	24°30	25°35	19°D33	20°58	8°34	n.a.	F 15
S 16	10 53 54	15°21'57	8♐21	19°29	5°10	13°31	11°43	8°33	12° 3	24°29	25°34	19°34	20°55	8°40	n.a.	S 16
S 17	10 57 51	16°20'16	21°27	20° 7	6°20	14°16	11°48	8°29	12° 5	24°27	25°32	19°R34	20°52	8°47	n.a.	S 17
M18	11 1 47	17°18'33	5♑ 0	20°50	7°29	15° 1	11°52	8°24	12° 8	24°26	25°31	19°32	20°49	8°54	n.a.	M18
T 19	11 5 44	18°16'49	19° 0	21°36	8°39	15°46	11°56	8°20	12°10	24°25	25°29	19°29	20°46	9° 0	n.a.	T 19
W20	11 9 40	19°15'03	3♒27	22°26	9°49	16°30	12° 0	8°15	12°13	24°24	25°28	19°23	20°42	9° 7	n.a.	W20
T 21	11 13 37	20°13'15	18°19	23°19	10°59	17°15	12° 4	8°11	12°15	24°23	25°26	19°16	20°39	9°14	n.a.	T 21
F 22	11 17 33	21°11'25	3♓28	24°15	12° 9	18° 0	12° 8	8° 6	12°18	24°21	25°25	19° 7	20°36	9°21	n.a.	F 22
S 23	11 21 30	22° 9'34	18°45	25°14	13°19	18°45	12°11	8° 2	12°20	24°20	25°23	18°58	20°33	9°27	n.a.	S 23
S 24	11 25 27	23° 7'41	3♈59	26°16	14°29	19°29	12°15	7°58	12°23	24°19	25°22	18°51	20°30	9°34	n.a.	S 24
M25	11 29 23	24° 5'46	18°58	27°21	15°39	20°14	12°18	7°53	12°25	24°17	25°20	18°46	20°26	9°41	n.a.	M25
T 26	11 33 20	25° 3'49	3♉35	28°28	16°49	20°59	12°21	7°49	12°28	24°16	25°19	18°43	20°23	9°47	n.a.	T 26
W27	11 37 16	26° 1'50	17°46	29°38	17°59	21°43	12°23	7°45	12°31	24°15	25°18	18°D42	20°20	9°54	n.a.	W27
T 28	11 41 13	26°59'49	1♊28	0♓51	19°10	22°28	12°26	7°41	12°33	24°13	25°16	18°42	20°17	10° 1	n.a.	T 28
F 29	11 45 9	27°57'47	14°43	2° 6	20°20	23°12	12°28	7°36	12°36	24°12	25°15	18°43	20°14	10° 8	n.a.	F 29
S 30	11 49 6	28°55'42	27°34	3°23	21°30	23°57	12°30	7°32	12°39	24°11	25°14	18°R44	20°11	10°14	n.a.	S 30
S 31	11 53 2	29♓53'35	10♋ 5	4♓43	22♒41	24♉41	12♐32	7♍28	12♉42	24♎ 9	25♌12	18♉43	20♉ 7	10♍21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s23	22n50	1n16	13s14	2n13	22s 6	0n30	24s34	0s47	22s 4	0n17	10n35	2n44	15n21	0s12	7s51	2n 1	29n14	17n20	18n21	18n29	13n40		n.a.
S 2	11 2	25 36	2 19	13 39	1 58	22 1	0 26	24 35	0 48	22 5	0 16	10 36	2 44	15 22	0 12	7 50	2 1	29 14	17 20	18 21	18 28	13 38		n.a.
S 3	10 41	27 2	3 13	14 2	1 43	21 55	0 22	24 34	0 49	22 6	0 16	10 38	2 44	15 22	0 12	7 50	2 1	29 15	17 20	18 20	18 27	13 35		n.a.
M 4	10 19	27 5	3 58	14 24	1 28	21 48	0 18	24 34	0 50	22 7	0 16	10 40	2 44	15 23	0 12	7 50	2 1	29 16	17 20	18 19	18 26	13 32		n.a.
T 5	9 58	25 50	4 32	14 45	1 12	21 41	0 14	24 33	0 51	22 8	0 16	10 42	2 44	15 23	0 12	7 49	2 1	29 16	17 20	18 17	18 25	13 29		n.a.
W 6	9 36	23 24	4 52	15 4	0 57	21 33	0 10	24 32	0 52	22 9	0 16	10 44	2 44	15 24	0 12	7 49	2 1	29 17	17 20	18 14	18 24	13 27		n.a.
T 7	9 14	19 59	5 0	15 21	0 41	21 25	0 6	24 31	0 53	22 10	0 16	10 45	2 44	15 25	0 12	7 49	2 1	29 17	17 20	18 10	18 24	13 24		n.a.
F 8	8 52	15 47	4 55	15 36	0 26	21 16	0 2	24 30	0 54	22 11	0 16	10 47	2 44	15 25	0 12	7 48	2 2	29 18	17 20	18 7	18 23	13 21		n.a.
S 9	8 29	10 59	4 37	15 49	0 12	21 7	0s 2	24 28	0 55	22 12	0 16	10 49	2 44	15 26	0 12	7 48	2 2	29 18	17 20	18 3	18 22	13 18		n.a.
S 10	8 7	5 47	4 7	16 0	0s 3	20 56	0 6	24 26	0 56	22 13	0 16	10 51	2 44	15 26	0 12	7 47	2 2	29 19	17 20	18 0	18 21	13 15		n.a.
M11	7 45	0 22	3 26	16 9	0 16	20 46	0 10	24 24	0 57	22 14	0 16	10 53	2 44	15 27	0 12	7 47	2 2	29 19	17 19	17 57	18 20	13 13		n.a.
T 12	7 22	5s 7	2 35	16 17	0 29	20 34	0 14	24 21	0 58	22 15	0 16	10 54	2 44	15 28	0 12	7 47	2 2	29 20	17 19	17 55	18 19	13 10		n.a.
W13	7 0	10 28	1 37	16 22	0 42	20 23	0 17	24 19	0 59	22 15	0 16	10 56	2 44	15 28	0 12	7 46	2 2	29 20	17 19	17 54	18 19	13 7		n.a.
T 14	6 37	15 29	0 34	16 25	0 54	20 10	0 21	24 16	1 0	22 16	0 15	10 58	2 44	15 29	0 12	7 46	2 2	29 21	17 19	17 54	18 18	13 4		n.a.
F 15	6 14	19 59	0s32	16 26	1 5	19 57	0 24	24 13	1 1	22 17	0 15	11 0	2 44	15 30	0 12	7 45	2 2	29 21	17 19	17 54	18 17	13 1		n.a.
S 16	5 51	23 40	1 38	16 25	1 16	19 43	0 28	24 9	1 2	22 18	0 15	11 1	2 44	15 31	0 11	7 45	2 2	29 21	17 19	17 54	18 16	12 58		n.a.
S 17	5 28	26 13	2 41	16 22	1 26	19 29	0 31	24 5	1 3	22 18	0 15	11 3	2 44	15 31	0 11	7 44	2 2	29 22	17 19	17 54	18 15	12 56		n.a.
M18	5 5	27 21	3 38	16 17	1 36	19 15	0 35	24 1	1 5	22 19	0 15	11 5	2 44	15 32	0 11	7 44	2 2	29 22	17 18	17 54	18 14	12 53		n.a.
T 19	4 42	26 47	4 23	16 10	1 45	18 59	0 38	23 57	1 6	22 20	0 15	11 6	2 44	15 33	0 11	7 43	2 2	29 23	17 18	17 53	18 13	12 50		n.a.
W20	4 19	24 25	4 53	16 2	1 53	18 44	0 41	23 53	1 7	22 20	0 15	11 8	2 44	15 34	0 11	7 43	2 2	29 23	17 18	17 51	18 13	12 47		n.a.
T 21	3 56	20 23	5 4	15 51	2 0	18 27	0 44	23 48	1 8	22 21	0 15	11 10	2 44	15 34	0 11	7 42	2 2	29 23	17 18	17 49	18 12	12 44		n.a.
F 22	3 33	14 57	4 55	15 39	2 7	18 10	0 47	23 43	1 9	22 21	0 15	11 11	2 44	15 35	0 11	7 42	2 2	29 24	17 18	17 47	18 11	12 41		n.a.
S 23	3 9	8 34	4 25	15 24	2 14	17 53	0 50	23 38	1 10	22 22	0 15	11 13	2 44	15 36	0 11	7 41	2 2	29 24	17 17	17 44	18 10	12 39		n.a.
S 24	2 46	1 41	3 36	15 8	2 19	17 35	0 53	23 33	1 11	22 22	0 15	11 15	2 44	15 37	0 11	7 41	2 2	29 24	17 17	17 42	18 9	12 36		n.a.
M25	2 23	5n12	2 32	14 50	2 24	17 17	0 56	23 27	1 12	22 23	0 15	11 16	2 44	15 38	0 11	7 40	2 2	29 25	17 17	17 41	18 8	12 33		n.a.
T 26	1 59	11 39	1 20	14 30	2 29	16 58	0 59	23 21	1 13	22 23	0 14	11 18	2 44	15 38	0 11	7 40	2 2	29 25	17 17	17 40	18 7	12 30		n.a.
W27	1 36	17 19	0 5	14 9	2 32	16 39	1 1	23 15	1 14	22 24	0 14	11 19	2 44	15 39	0 11	7 39	2 2	29 25	17 17	17 39	18 7	12 27		n.a.
T 28	1 13	21 53	1n 8	13 46	2 35	16 19	1 4	23 9	1 15	22 24	0 14	11 21	2 44	15 40	0 11	7 39	2 2	29 25	17 16	17 40	18 6	12 24		n.a.
F 29	0 49	25 10	2 15	13 21	2 38	15 59	1 6	23 2	1 16	22 25	0 14	11 22	2 44	15 41	0 11	7 38	2 2	29 26	17 16	17 40	18 5	12 21		n.a.
S 30	0 26	27 1	3 13	12 54	2 40	15 39	1 9	22 55	1 17	22 25	0 14	11 24	2 44	15 42	0 11	7 38	2 2	29 26	17 16	17 40	18 4	12 18		n.a.
S 31	0s 3	27n26	4n 1	12s25	2s41	15s17	1s11	22s48	1s18	22s25	0n14	11n25	2n44	15n43	0s11	7s37	2n 2	29n26	17n15	17n40	18n 3	12n16		n.a.

Julian Day Number = 1358423.5, Delta T = 07h01m06s
Ecliptic obliquity = 23°48'56, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°47'46, Lahiri = -17°40'46 Julian Calendar 1 March 994 BCE == Greg. Calendar 20 Feb. 994 BCE

The year -993 astronomical counting style corresponds to year 994 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 994 BCE
geocentric

APRIL 994 BCE (-993) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 56 59	0♈51'27	22♋21	6♓ 5	23♒51	25♑26	12♐34	7°R24	12♉44	24°R 8	25°R11	18°R41	20♉ 4	10♍28	n.a.	M 1
T 2	12 0 55	1°49'16	4♌25	7°29	25° 2	26°10	12°36	7♍20	12°47	24♎ 6	25♌10	18♉36	20° 1	10°34	n.a.	T 2
W 3	12 4 52	2°47'04	16°22	8°55	26°12	26°55	12°37	7°16	12°50	24° 5	25° 9	18°30	19°58	10°41	n.a.	W 3
T 4	12 8 49	3°44'50	28°15	10°24	27°23	27°39	12°39	7°13	12°53	24° 3	25° 7	18°23	19°55	10°48	n.a.	T 4
F 5	12 12 45	4°42'34	10♍ 6	11°54	28°34	28°24	12°40	7° 9	12°56	24° 2	25° 6	18°15	19°52	10°55	n.a.	F 5
S 6	12 16 42	5°40'16	21°59	13°27	29°44	29° 8	12°41	7° 5	12°59	24° 0	25° 5	18° 7	19°48	11° 1	n.a.	S 6
S 7	12 20 38	6°37'57	3♎54	15° 2	0♓55	29°52	12°41	7° 1	13° 2	23°59	25° 4	17°59	19°45	11° 8	n.a.	S 7
M 8	12 24 35	7°35'36	15°54	16°39	2° 6	0♒37	12°42	6°58	13° 5	23°57	25° 3	17°54	19°42	11°15	n.a.	M 8
T 9	12 28 31	8°33'14	28° 1	18°18	3°17	1°21	12°42	6°54	13° 8	23°56	25° 2	17°50	19°39	11°21	n.a.	T 9
W10	12 32 28	9°30'50	10♏15	19°59	4°27	2° 5	12°R42	6°51	13°11	23°54	25° 1	17°48	19°36	11°28	n.a.	W10
T 11	12 36 24	10°28'25	22°39	21°42	5°38	2°49	12°42	6°47	13°14	23°53	24°59	17°D48	19°32	11°35	n.a.	T 11
F 12	12 40 21	11°26'00	5♐16	23°27	6°49	3°33	12°42	6°44	13°18	23°51	24°58	17°49	19°29	11°42	n.a.	F 12
S 13	12 44 18	12°23'33	18° 8	25°15	8° 0	4°17	12°42	6°41	13°21	23°49	24°57	17°51	19°26	11°48	n.a.	S 13
S 14	12 48 14	13°21'05	1♑18	27° 4	9°11	5° 1	12°41	6°38	13°24	23°48	24°56	17°52	19°23	11°55	n.a.	S 14
M15	12 52 11	14°18'36	14°48	28°56	10°22	5°45	12°40	6°34	13°27	23°46	24°56	17°R52	19°20	12° 2	n.a.	M15
T 16	12 56 7	15°16'06	28°41	0♈49	11°33	6°29	12°39	6°31	13°30	23°45	24°55	17°52	19°17	12° 8	n.a.	T 16
W17	13 0 4	16°13'35	12♒56	2°45	12°45	7°13	12°38	6°28	13°34	23°43	24°54	17°50	19°13	12°15	n.a.	W17
T 18	13 4 0	17°11'03	27°32	4°43	13°56	7°57	12°37	6°25	13°37	23°41	24°53	17°46	19°10	12°22	n.a.	T 18
F 19	13 7 57	18° 8'30	12♓22	6°42	15° 7	8°41	12°35	6°23	13°40	23°40	24°52	17°42	19° 7	12°29	n.a.	F 19
S 20	13 11 53	19° 5'56	27°22	8°44	16°18	9°25	12°33	6°20	13°43	23°38	24°51	17°38	19° 4	12°35	n.a.	S 20
S 21	13 15 50	20° 3'21	12♈21	10°47	17°30	10° 9	12°31	6°17	13°47	23°37	24°50	17°35	19° 1	12°42	n.a.	S 21
M22	13 19 47	21° 0'45	27°12	12°52	18°41	10°52	12°29	6°15	13°50	23°35	24°50	17°33	18°57	12°49	n.a.	M22
T 23	13 23 43	21°58'07	11♉46	14°58	19°52	11°36	12°27	6°12	13°53	23°33	24°49	17°D32	18°54	12°55	n.a.	T 23
W24	13 27 40	22°55'29	25°58	17° 6	21° 4	12°19	12°24	6°10	13°57	23°32	24°48	17°32	18°51	13° 2	n.a.	W24
T 25	13 31 36	23°52'50	9♊44	19°15	22°15	13° 3	12°22	6° 7	14° 0	23°30	24°48	17°33	18°48	13° 9	n.a.	T 25
F 26	13 35 33	24°50'10	23° 5	21°25	23°27	13°46	12°19	6° 5	14° 4	23°29	24°47	17°34	18°45	13°16	n.a.	F 26
S 27	13 39 29	25°47'28	6♋ 1	23°36	24°38	14°30	12°16	6° 3	14° 7	23°27	24°46	17°35	18°42	13°22	n.a.	S 27
S 28	13 43 26	26°44'45	18°37	25°47	25°50	15°13	12°13	6° 1	14°10	23°25	24°46	17°36	18°38	13°29	n.a.	S 28
M29	13 47 22	27°42'01	0♌54	27°59	27° 1	15°56	12° 9	5°59	14°14	23°24	24°45	17°R37	18°35	13°36	n.a.	M29
T 30	13 51 19	28♈39'16	12♌59	0♉11	28♓13	16♒39	12♐ 6	5♍57	14♉17	23♎22	24♌45	17♉36	18♉32	13♍42	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n21	26n28	4n36	11s55	2s42	14s56	1s14	22s41	1s19	22s26	0n14	11n27	2n43	15n44	0s11	7s36	2n 2	29n26	17n15	17n39	18n 2	12n13		n.a.
T 2	0 44	24 17	4 58	11 23	2 42	14 34	1 16	22 34	1 20	22 26	0 14	11 28	2 43	15 45	0 11	7 36	2 2	29 27	17 15	17 38	18 1	12 10		n.a.
W 3	1 7	21 3	5 7	10 50	2 41	14 12	1 18	22 26	1 21	22 26	0 14	11 30	2 43	15 45	0 11	7 35	2 2	29 27	17 15	17 36	18 1	12 7		n.a.
T 4	1 31	16 59	5 3	10 15	2 40	13 49	1 20	22 18	1 23	22 27	0 14	11 31	2 43	15 46	0 11	7 35	2 2	29 27	17 14	17 34	18 0	12 4		n.a.
F 5	1 54	12 18	4 46	9 38	2 38	13 26	1 22	22 10	1 24	22 27	0 14	11 32	2 43	15 47	0 11	7 34	2 3	29 27	17 14	17 32	17 59	12 1		n.a.
S 6	2 17	7 8	4 16	9 0	2 36	13 3	1 24	22 2	1 25	22 27	0 13	11 34	2 43	15 48	0 11	7 34	2 3	29 27	17 14	17 30	17 58	11 58		n.a.
S 7	2 40	1 42	3 35	8 20	2 33	12 39	1 26	21 53	1 26	22 27	0 13	11 35	2 43	15 49	0 11	7 33	2 3	29 27	17 13	17 28	17 57	11 55		n.a.
M 8	3 4	3s50	2 44	7 38	2 29	12 15	1 27	21 45	1 27	22 27	0 13	11 36	2 43	15 50	0 11	7 32	2 3	29 27	17 13	17 26	17 56	11 52		n.a.
T 9	3 27	9 18	1 45	6 55	2 25	11 51	1 29	21 36	1 28	22 28	0 13	11 37	2 43	15 51	0 11	7 32	2 3	29 27	17 13	17 25	17 55	11 49		n.a.
W10	3 50	14 29	0 41	6 11	2 21	11 26	1 31	21 27	1 29	22 28	0 13	11 39	2 43	15 52	0 11	7 31	2 3	29 27	17 12	17 24	17 54	11 47		n.a.
T 11	4 13	19 9	0s26	5 25	2 16	11 1	1 32	21 18	1 30	22 28	0 13	11 40	2 42	15 53	0 11	7 31	2 3	29 27	17 12	17 24	17 54	11 44		n.a.
F 12	4 35	23 3	1 34	4 37	2 10	10 35	1 34	21 8	1 31	22 28	0 13	11 41	2 42	15 54	0 11	7 30	2 3	29 27	17 11	17 25	17 53	11 41		n.a.
S 13	4 58	25 54	2 38	3 48	2 4	10 10	1 35	20 59	1 32	22 28	0 13	11 42	2 42	15 55	0 11	7 29	2 3	29 27	17 11	17 25	17 52	11 38		n.a.
S 14	5 21	27 24	3 35	2 58	1 57	9 44	1 36	20 49	1 33	22 28	0 13	11 43	2 42	15 56	0 11	7 29	2 3	29 27	17 11	17 25	17 51	11 35		n.a.
M15	5 44	27 19	4 22	2 6	1 50	9 18	1 37	20 39	1 34	22 28	0 12	11 44	2 42	15 57	0 11	7 28	2 3	29 27	17 10	17 26	17 50	11 32		n.a.
T 16	6 6	25 33	4 55	1 13	1 42	8 51	1 38	20 29	1 35	22 28	0 12	11 45	2 42	15 58	0 11	7 28	2 3	29 27	17 10	17 25	17 49	11 29		n.a.
W17	6 29	22 9	5 11	0 19	1 34	8 24	1 39	20 18	1 36	22 28	0 12	11 46	2 42	15 59	0 11	7 27	2 3	29 27	17 9	17 25	17 48	11 26		n.a.
T 18	6 51	17 19	5 8	0n36	1 25	7 57	1 40	20 8	1 37	22 28	0 12	11 47	2 41	16 0	0 11	7 26	2 3	29 27	17 9	17 24	17 47	11 23		n.a.
F 19	7 13	11 23	4 44	1 33	1 16	7 30	1 41	19 57	1 38	22 28	0 12	11 48	2 41	16 1	0 11	7 26	2 3	29 27	17 9	17 23	17 47	11 20		n.a.
S 20	7 36	4 44	4 1	2 30	1 6	7 3	1 42	19 46	1 39	22 28	0 12	11 49	2 41	16 2	0 11	7 25	2 3	29 27	17 8	17 22	17 46	11 17		n.a.
S 21	7 58	2n11	3 1	3 28	0 57	6 35	1 43	19 35	1 40	22 28	0 12	11 50	2 41	16 3	0 11	7 25	2 3	29 27	17 8	17 21	17 45	11 14		n.a.
M22	8 19	8 57	1 49	4 27	0 47	6 7	1 43	19 24	1 41	22 27	0 12	11 51	2 41	16 4	0 11	7 24	2 3	29 27	17 7	17 20	17 44	11 11		n.a.
T 23	8 41	15 6	0 32	5 26	0 36	5 39	1 44	19 13	1 42	22 27	0 12	11 51	2 40	16 5	0 11	7 23	2 3	29 27	17 7	17 20	17 43	11 8		n.a.
W24	9 3	20 18	0n46	6 25	0 26	5 11	1 44	19 1	1 43	22 27	0 11	11 52	2 40	16 6	0 11	7 23	2 3	29 27	17 6	17 20	17 42	11 5		n.a.
T 25	9 24	24 13	1 59	7 25	0 15	4 43	1 44	18 50	1 44	22 27	0 11	11 53	2 40	16 7	0 11	7 22	2 3	29 26	17 6	17 20	17 41	11 2		n.a.
F 26	9 46	26 41	3 3	8 24	0 5	4 14	1 45	18 38	1 45	22 26	0 11	11 54	2 40	16 8	0 11	7 22	2 3	29 26	17 6	17 20	17 40	10 59		n.a.
S 27	10 7	27 36	3 56	9 24	0n 6	3 46	1 45	18 26	1 46	22 26	0 11	11 54	2 40	16 9	0 11	7 21	2 3	29 26	17 5	17 21	17 39	10 56		n.a.
S 28	10 28	27 3	4 36	10 22	0 16	3 17	1 45	18 14	1 47	22 26	0 11	11 55	2 40	16 10	0 11	7 20	2 3	29 26	17 5	17 21	17 39	10 53		n.a.
M29	10 49	25 10	5 2	11 20	0 27	2 48	1 45	18 2	1 48	22 26	0 11	11 55	2 39	16 11	0 11	7 20	2 3	29 26	17 4	17 21	17 38	10 50		n.a.
T 30	11n10	22n11	5n14	12n17	0n37	2s19	1s45	17s49	1s49	22s25	0n11	11n56	2n39	16n12	0s11	7s19	2n 3	29n25	17n 4	17n21	17n37	10n47		n.a.

Julian Day Number = 1358454.5, Delta T = 07h01m05s
Ecliptic obliquity = 23°48'56, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°47'42, Lahiri = -17°40'41 Julian Calendar 1 Apr. 994 BCE == Greg. Calendar 23 March 994 BCE

The year -993 astronomical counting style corresponds to year 994 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 994 BCE
geocentric

MAY 994 BCE (-993) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 55 16	29♈36'29	24♌56	2♉22	29♓24	17♒22	12°R 2	5°R55	14♉21	23°R20	24°R44	17°R34	18♉29	13♍49	n.a.	W 1
T 2	13 59 12	0♉33'42	6♍48	4°33	0♈36	18° 5	11♐58	5♍53	14°24	23♎19	24♌44	17♉32	18°26	13°56	n.a.	T 2
F 3	14 3 9	1°30'54	18°40	6°43	1°48	18°48	11°54	5°52	14°28	23°17	24°43	17°30	18°23	14° 3	n.a.	F 3
S 4	14 7 5	2°28'04	0♎35	8°52	2°59	19°31	11°50	5°50	14°31	23°16	24°43	17°28	18°19	14° 9	n.a.	S 4
S 5	14 11 2	3°25'14	12°36	11° 0	4°11	20°14	11°45	5°49	14°35	23°14	24°43	17°26	18°16	14°16	n.a.	S 5
M 6	14 14 58	4°22'24	24°44	13° 6	5°23	20°57	11°41	5°47	14°38	23°13	24°42	17°24	18°13	14°23	n.a.	M 6
T 7	14 18 55	5°19'32	7♏ 2	15°11	6°35	21°39	11°36	5°46	14°42	23°11	24°42	17°23	18°10	14°29	n.a.	T 7
W 8	14 22 51	6°16'40	19°32	17°14	7°46	22°22	11°31	5°45	14°45	23° 9	24°42	17°D23	18° 7	14°36	n.a.	W 8
T 9	14 26 48	7°13'48	2♐13	19°15	8°58	23° 4	11°26	5°44	14°49	23° 8	24°41	17°23	18° 3	14°43	n.a.	T 9
F 10	14 30 45	8°10'55	15° 8	21°14	10°10	23°47	11°21	5°43	14°52	23° 6	24°41	17°24	18° 0	14°49	n.a.	F 10
S 11	14 34 41	9° 8'02	28°16	23°11	11°22	24°29	11°16	5°42	14°56	23° 5	24°41	17°25	17°57	14°56	n.a.	S 11
S 12	14 38 38	10° 5'08	11♑40	25° 6	12°34	25°12	11°10	5°41	15° 0	23° 3	24°41	17°26	17°54	15° 3	n.a.	S 12
M13	14 42 34	11° 2'15	25°18	26°58	13°46	25°54	11° 5	5°41	15° 3	23° 2	24°41	17°26	17°51	15°10	n.a.	M13
T 14	14 46 31	11°59'21	9♒12	28°49	14°58	26°36	10°59	5°40	15° 7	23° 0	24°41	17°R26	17°48	15°16	n.a.	T 14
W15	14 50 27	12°56'27	23°19	0♊37	16°10	27°18	10°53	5°40	15°10	22°59	24°41	17°26	17°44	15°23	n.a.	W15
T 16	14 54 24	13°53'34	7♓40	2°23	17°22	28° 0	10°47	5°39	15°14	22°57	24°D41	17°26	17°41	15°30	n.a.	T 16
F 17	14 58 21	14°50'40	22°10	4° 6	18°35	28°42	10°41	5°39	15°17	22°56	24°41	17°26	17°38	15°36	n.a.	F 17
S 18	15 2 17	15°47'46	6♈45	5°47	19°47	29°23	10°35	5°39	15°21	22°54	24°41	17°25	17°35	15°43	n.a.	S 18
S 19	15 6 14	16°44'52	21°20	7°26	20°59	0♓ 5	10°29	5°D39	15°25	22°53	24°41	17°25	17°32	15°50	n.a.	S 19
M20	15 10 10	17°41'58	5♉49	9° 3	22°11	0°46	10°22	5°39	15°28	22°51	24°41	17°D25	17°29	15°57	n.a.	M20
T 21	15 14 7	18°39'04	20° 6	10°37	23°23	1°28	10°16	5°39	15°32	22°50	24°41	17°R25	17°25	16° 3	n.a.	T 21
W22	15 18 3	19°36'10	4♊ 7	12° 9	24°36	2° 9	10° 9	5°39	15°35	22°48	24°41	17°25	17°22	16°10	n.a.	W22
T 23	15 22 0	20°33'16	17°48	13°39	25°48	2°50	10° 2	5°39	15°39	22°47	24°42	17°25	17°19	16°17	n.a.	T 23
F 24	15 25 56	21°30'22	1♋ 7	15° 6	27° 0	3°31	9°55	5°40	15°42	22°46	24°42	17°25	17°16	16°23	n.a.	F 24
S 25	15 29 53	22°27'27	14° 4	16°31	28°13	4°12	9°48	5°40	15°46	22°44	24°42	17°24	17°13	16°30	n.a.	S 25
S 26	15 33 50	23°24'33	26°42	17°53	29°25	4°53	9°41	5°41	15°49	22°43	24°43	17°24	17° 9	16°37	n.a.	S 26
M27	15 37 46	24°21'38	9♌ 2	19°13	0♉38	5°34	9°34	5°41	15°53	22°42	24°43	17°23	17° 6	16°43	n.a.	M27
T 28	15 41 43	25°18'42	21° 9	20°30	1°50	6°14	9°27	5°42	15°57	22°40	24°43	17°D23	17° 3	16°50	n.a.	T 28
W29	15 45 39	26°15'47	3♍ 6	21°45	3° 3	6°55	9°19	5°43	16° 0	22°39	24°44	17°23	17° 0	16°57	n.a.	W29
T 30	15 49 36	27°12'52	14°59	22°57	4°15	7°35	9°12	5°44	16° 4	22°38	24°44	17°23	16°57	17° 4	n.a.	T 30
F 31	15 53 32	28♉ 9'56	26♍52	24♊ 6	5♉28	8♓16	9♐ 5	5♍45	16♉ 7	22♎37	24♌45	17♉24	16♉54	17♍10	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	11n30	18n18	5n12	13n13	0n47	1s50	1s45	17s37	1s50	22s25	0n11	11n56	2n39	16n13	0s11	7s19	2n 3	29n25	17n 3	17n20	17n36	10n44			n.a.
T 2	11 51	13 44	4 57	14 7	0 56	1 21	1 45	17 24	1 51	22 24	0 10	11 57	2 39	16 14	0 11	7 18	2 3	29 25	17 3	17 20	17 35	10 41			n.a.
F 3	12 11	8 40	4 30	15 0	1 5	0 52	1 44	17 12	1 52	22 24	0 10	11 57	2 39	16 15	0 11	7 17	2 3	29 24	17 2	17 19	17 34	10 38			n.a.
S 4	12 31	3 17	3 50	15 50	1 14	0 23	1 44	16 59	1 53	22 24	0 10	11 58	2 38	16 17	0 11	7 17	2 3	29 24	17 2	17 19	17 33	10 35			n.a.
S 5	12 51	2s17	3 1	16 39	1 22	0n 7	1 43	16 46	1 54	22 23	0 10	11 58	2 38	16 18	0 11	7 16	2 3	29 24	17 1	17 18	17 32	10 32			n.a.
M 6	13 11	7 50	2 2	17 26	1 29	0 36	1 43	16 33	1 55	22 23	0 10	11 58	2 38	16 19	0 11	7 16	2 3	29 23	17 1	17 18	17 31	10 29			n.a.
T 7	13 30	13 11	0 57	18 10	1 36	1 5	1 42	16 20	1 56	22 22	0 10	11 59	2 38	16 20	0 11	7 15	2 3	29 23	17 0	17 17	17 31	10 26			n.a.
W 8	13 49	18 5	0s12	18 52	1 42	1 35	1 42	16 7	1 57	22 22	0 10	11 59	2 38	16 21	0 11	7 15	2 3	29 23	17 0	17 17	17 30	10 23			n.a.
T 9	14 8	22 15	1 21	19 32	1 48	2 4	1 41	15 53	1 58	22 21	0 10	11 59	2 37	16 22	0 11	7 14	2 3	29 22	16 59	17 17	17 29	10 20			n.a.
F 10	14 27	25 25	2 28	20 9	1 52	2 33	1 40	15 40	1 59	22 20	0 9	11 59	2 37	16 23	0 11	7 13	2 3	29 22	16 59	17 17	17 28	10 17			n.a.
S 11	14 46	27 16	3 28	20 44	1 57	3 3	1 39	15 27	2 0	22 20	0 9	11 59	2 37	16 24	0 11	7 13	2 2	29 22	16 58	17 18	17 27	10 14			n.a.
S 12	15 4	27 34	4 17	21 17	2 0	3 32	1 38	15 13	2 1	22 19	0 9	11 59	2 37	16 25	0 11	7 12	2 2	29 21	16 58	17 18	17 26	10 11			n.a.
M13	15 22	26 13	4 54	21 47	2 3	4 1	1 37	14 59	2 2	22 18	0 9	11 59	2 36	16 26	0 11	7 12	2 2	29 21	16 57	17 18	17 25	10 8			n.a.
T 14	15 40	23 16	5 14	22 14	2 5	4 30	1 36	14 45	2 2	22 18	0 9	11 59	2 36	16 27	0 11	7 11	2 2	29 20	16 57	17 18	17 24	10 5			n.a.
W15	15 58	18 54	5 15	22 39	2 6	5 0	1 35	14 32	2 3	22 17	0 9	11 59	2 36	16 28	0 11	7 11	2 2	29 20	16 56	17 18	17 23	10 2			n.a.
T 16	16 15	13 25	4 57	23 2	2 7	5 29	1 34	14 18	2 4	22 16	0 9	11 59	2 36	16 29	0 11	7 10	2 2	29 19	16 56	17 18	17 22	9 59			n.a.
F 17	16 33	7 8	4 21	23 22	2 7	5 58	1 33	14 4	2 5	22 16	0 8	11 59	2 36	16 30	0 11	7 10	2 2	29 19	16 55	17 18	17 21	9 56			n.a.
S 18	16 50	0 26	3 27	23 41	2 6	6 27	1 32	13 50	2 6	22 15	0 8	11 59	2 35	16 31	0 11	7 9	2 2	29 18	16 55	17 18	17 21	9 53			n.a.
S 19	17 6	6n17	2 20	23 57	2 5	6 55	1 30	13 36	2 7	22 14	0 8	11 59	2 35	16 33	0 11	7 9	2 2	29 18	16 54	17 18	17 20	9 50			n.a.
M20	17 23	12 40	1 4	24 10	2 3	7 24	1 29	13 21	2 8	22 13	0 8	11 59	2 35	16 34	0 11	7 8	2 2	29 17	16 54	17 18	17 19	9 47			n.a.
T 21	17 39	18 17	0n15	24 22	2 0	7 52	1 27	13 7	2 9	22 13	0 8	11 58	2 35	16 35	0 11	7 8	2 2	29 17	16 53	17 18	17 18	9 44			n.a.
W22	17 55	22 48	1 31	24 32	1 57	8 21	1 26	12 53	2 10	22 12	0 8	11 58	2 34	16 36	0 11	7 7	2 2	29 16	16 53	17 18	17 17	9 41			n.a.
T 23	18 10	25 55	2 41	24 40	1 53	8 49	1 24	12 39	2 10	22 11	0 8	11 58	2 34	16 37	0 11	7 7	2 2	29 16	16 52	17 18	17 16	9 38			n.a.
F 24	18 25	27 28	3 39	24 45	1 48	9 17	1 23	12 24	2 11	22 10	0 7	11 58	2 34	16 38	0 11	7 6	2 2	29 15	16 52	17 18	17 15	9 35			n.a.
S 25	18 40	27 27	4 25	24 50	1 43	9 45	1 21	12 10	2 12	22 9	0 7	11 57	2 34	16 39	0 11	7 6	2 2	29 15	16 51	17 18	17 14	9 32			n.a.
S 26	18 55	25 59	4 56	24 52	1 37	10 13	1 19	11 55	2 13	22 8	0 7	11 57	2 33	16 40	0 11	7 5	2 2	29 14	16 51	17 17	17 13	9 29			n.a.
M27	19 9	23 18	5 13	24 53	1 31	10 40	1 17	11 41	2 14	22 7	0 7	11 56	2 33	16 41	0 11	7 5	2 2	29 13	16 50	17 17	17 12	9 26			n.a.
T 28	19 23	19 39	5 16	24 52	1 24	11 7	1 15	11 26	2 15	22 6	0 7	11 56	2 33	16 42	0 11	7 4	2 2	29 13	16 50	17 17	17 11	9 23			n.a.
W29	19 37	15 15	5 5	24 49	1 16	11 34	1 14	11 12	2 15	22 5	0 7	11 55	2 33	16 43	0 11	7 4	2 2	29 12	16 49	17 17	17 11	9 20			n.a.
T 30	19 51	10 18	4 41	24 46	1 8	12 1	1 12	10 57	2 16	22 4	0 6	11 55	2 33	16 44	0 11	7 3	2 2	29 11	16 49	17 17	17 10	9 17			n.a.
F 31	20n 4	5n 0	4n 5	24n41	1n 0	12n27	1s10	10s43	2s17	22s 3	0n 6	11n54	2n32	16n45	0s11	7s 3	2n 2	29n11	16n48	17n17	17n 9	9n13			n.a.

Julian Day Number = 1358484.5, Delta T = 07h01m03s
Ecliptic obliquity = 23°48'56, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°47'38, Lahiri = -17°40'37 Julian Calendar 1 May 994 BCE == Greg. Calendar 22 Apr. 994 BCE

The year -993 astronomical counting style corresponds to year 994 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 994 BCE
geocentric

JUNE 994 BCE (-993) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 57 29	29♉ 7'00	8♎49	25♊12	6♉40	8♓56	8°R57	5♍46	16♉11	22°R35	24♌45	17♉25	16♉50	17♍17	n.a.	S 1
S 2	16 1 26	0♊ 4'05	20°54	26°16	7°53	9°36	8♐50	5°48	16°14	22♎34	24°46	17°26	16°47	17°24	n.a.	S 2
M 3	16 5 22	1° 1'10	3♏10	27°17	9° 6	10°15	8°42	5°49	16°18	22°33	24°46	17°27	16°44	17°30	n.a.	M 3
T 4	16 9 19	1°58'14	15°41	28°14	10°18	10°55	8°35	5°50	16°21	22°32	24°47	17°R27	16°41	17°37	n.a.	T 4
W 5	16 13 15	2°55'20	28°27	29° 9	11°31	11°35	8°27	5°52	16°25	22°31	24°48	17°27	16°38	17°44	n.a.	W 5
T 6	16 17 12	3°52'25	11♐30	0♋ 0	12°44	12°14	8°19	5°54	16°28	22°30	24°48	17°26	16°35	17°51	n.a.	T 6
F 7	16 21 8	4°49'31	24°48	0°48	13°56	12°53	8°12	5°55	16°31	22°28	24°49	17°24	16°31	17°57	n.a.	F 7
S 8	16 25 5	5°46'38	8♑21	1°32	15° 9	13°33	8° 4	5°57	16°35	22°27	24°50	17°22	16°28	18° 4	n.a.	S 8
S 9	16 29 1	6°43'46	22° 6	2°13	16°22	14°12	7°56	5°59	16°38	22°26	24°51	17°20	16°25	18°11	n.a.	S 9
M10	16 32 58	7°40'54	6♒ 2	2°50	17°35	14°50	7°49	6° 1	16°42	22°25	24°51	17°17	16°22	18°17	n.a.	M10
T 11	16 36 55	8°38'03	20° 7	3°22	18°48	15°29	7°41	6° 3	16°45	22°24	24°52	17°15	16°19	18°24	n.a.	T 11
W12	16 40 51	9°35'12	4♓16	3°51	20° 1	16° 8	7°33	6° 6	16°48	22°23	24°53	17°D14	16°15	18°31	n.a.	W12
T 13	16 44 48	10°32'23	18°29	4°15	21°14	16°46	7°25	6° 8	16°52	22°22	24°54	17°15	16°12	18°37	n.a.	T 13
F 14	16 48 44	11°29'34	2♈43	4°35	22°27	17°24	7°18	6°10	16°55	22°21	24°55	17°15	16° 9	18°44	n.a.	F 14
S 15	16 52 41	12°26'47	16°56	4°51	23°40	18° 2	7°10	6°13	16°58	22°21	24°56	17°17	16° 6	18°51	n.a.	S 15
S 16	16 56 37	13°24'00	1♉ 5	5° 1	24°53	18°40	7° 2	6°15	17° 2	22°20	24°57	17°18	16° 3	18°58	n.a.	S 16
M17	17 0 34	14°21'15	15° 7	5° 7	26° 6	19°18	6°55	6°18	17° 5	22°19	24°58	17°R19	16° 0	19° 4	n.a.	M17
T 18	17 4 31	15°18'30	29° 0	5°R 8	27°19	19°55	6°47	6°21	17° 8	22°18	24°59	17°18	15°56	19°11	n.a.	T 18
W19	17 8 27	16°15'47	12♊40	5° 4	28°33	20°33	6°40	6°24	17°11	22°17	25° 0	17°17	15°53	19°18	n.a.	W19
T 20	17 12 24	17°13'04	26° 6	4°55	29°46	21°10	6°32	6°27	17°15	22°16	25° 1	17°13	15°50	19°24	n.a.	T 20
F 21	17 16 20	18°10'22	9♋15	4°41	0♊59	21°47	6°25	6°30	17°18	22°16	25° 3	17° 9	15°47	19°31	n.a.	F 21
S 22	17 20 17	19° 7'41	22° 6	4°22	2°12	22°24	6°17	6°33	17°21	22°15	25° 4	17° 4	15°44	19°38	n.a.	S 22
S 23	17 24 13	20° 5'01	4♌41	3°58	3°26	23° 0	6°10	6°36	17°24	22°14	25° 5	16°58	15°41	19°44	n.a.	S 23
M24	17 28 10	21° 2'22	17° 0	3°29	4°39	23°37	6° 3	6°39	17°27	22°14	25° 6	16°54	15°37	19°51	n.a.	M24
T 25	17 32 6	21°59'43	29° 6	2°57	5°53	24°13	5°55	6°42	17°30	22°13	25° 7	16°50	15°34	19°58	n.a.	T 25
W26	17 36 3	22°57'05	11♍ 3	2°20	7° 6	24°49	5°48	6°46	17°34	22°12	25° 9	16°48	15°31	20° 5	n.a.	W26
T 27	17 40 0	23°54'28	22°55	1°40	8°19	25°24	5°41	6°49	17°37	22°12	25°10	16°D47	15°28	20°11	n.a.	T 27
F 28	17 43 56	24°51'51	4♎47	0°57	9°33	26° 0	5°34	6°53	17°40	22°11	25°11	16°47	15°25	20°18	n.a.	F 28
S 29	17 47 53	25°49'16	16°44	0°12	10°46	26°35	5°28	6°57	17°43	22°11	25°13	16°49	15°21	20°25	n.a.	S 29
S 30	17 51 49	26♊46'41	28♎52	29♊26	12♊ 0	27♓10	5♐21	7♍ 1	17♉46	22♎10	25♌14	16♉50	15♉18	20♍31	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n17	0s31	3n18	24n34	0n51	12n53	1s 8	10s28	2s18	22s 2	0n 6	11n53	2n32	16n46	0s11	7s 3	2n 2	29n10	16n47	17n18	17n 8	9n10		n.a.
S 2	20 29	6 6	2 22	24 27	0 41	13 19	1 6	10 14	2 19	22 1	0 6	11 53	2 32	16 47	0 11	7 2	2 2	29 9	16 47	17 18	17 7	9 7		n.a.
M 3	20 41	11 33	1 18	24 18	0 31	13 45	1 4	9 59	2 19	22 0	0 6	11 52	2 32	16 48	0 11	7 2	2 2	29 9	16 46	17 18	17 6	9 4		n.a.
T 4	20 53	16 38	0 10	24 8	0 20	14 10	1 1	9 44	2 20	21 59	0 6	11 51	2 31	16 49	0 11	7 1	2 2	29 8	16 46	17 18	17 5	9 1		n.a.
W 5	21 4	21 6	1s 0	23 58	0 9	14 35	0 59	9 30	2 21	21 58	0 5	11 50	2 31	16 50	0 11	7 1	2 2	29 7	16 45	17 18	17 4	8 58		n.a.
T 6	21 15	24 38	2 9	23 46	0s 3	15 0	0 57	9 15	2 22	21 57	0 5	11 49	2 31	16 51	0 10	7 1	2 2	29 7	16 45	17 18	17 3	8 55		n.a.
F 7	21 26	26 54	3 12	23 34	0 14	15 24	0 55	9 1	2 22	21 56	0 5	11 49	2 31	16 52	0 10	7 0	2 2	29 6	16 44	17 18	17 2	8 52		n.a.
S 8	21 36	27 37	4 5	23 21	0 27	15 48	0 53	8 46	2 23	21 55	0 5	11 48	2 30	16 53	0 10	7 0	2 1	29 5	16 44	17 17	17 1	8 49		n.a.
S 9	21 46	26 39	4 45	23 8	0 40	16 11	0 50	8 31	2 24	21 54	0 5	11 47	2 30	16 54	0 10	7 0	2 1	29 4	16 43	17 16	17 0	8 46		n.a.
M10	21 56	24 2	5 8	22 54	0 53	16 35	0 48	8 17	2 25	21 53	0 5	11 46	2 30	16 55	0 10	6 59	2 1	29 4	16 43	17 16	17 0	8 43		n.a.
T 11	22 5	19 58	5 14	22 40	1 6	16 57	0 46	8 2	2 25	21 52	0 5	11 45	2 30	16 56	0 10	6 59	2 1	29 3	16 42	17 15	16 59	8 39		n.a.
W12	22 14	14 45	5 1	22 26	1 20	17 20	0 43	7 48	2 26	21 50	0 4	11 44	2 30	16 57	0 10	6 59	2 1	29 2	16 42	17 15	16 58	8 36		n.a.
T 13	22 23	8 44	4 29	22 11	1 34	17 42	0 41	7 33	2 27	21 49	0 4	11 43	2 29	16 58	0 10	6 58	2 1	29 1	16 41	17 15	16 57	8 33		n.a.
F 14	22 31	2 16	3 41	21 56	1 48	18 3	0 39	7 18	2 27	21 48	0 4	11 42	2 29	16 59	0 10	6 58	2 1	29 1	16 41	17 15	16 56	8 30		n.a.
S 15	22 39	4n19	2 39	21 42	2 2	18 24	0 36	7 4	2 28	21 47	0 4	11 40	2 29	17 0	0 10	6 58	2 1	29 0	16 41	17 15	16 55	8 27		n.a.
S 16	22 46	10 40	1 28	21 27	2 16	18 45	0 34	6 49	2 29	21 46	0 4	11 39	2 29	17 1	0 10	6 57	2 1	28 59	16 40	17 16	16 54	8 24		n.a.
M17	22 53	16 26	0 12	21 13	2 30	19 5	0 31	6 35	2 29	21 45	0 4	11 38	2 28	17 2	0 10	6 57	2 1	28 58	16 40	17 16	16 53	8 21		n.a.
T 18	22 59	21 17	1n 4	20 58	2 45	19 24	0 29	6 21	2 30	21 44	0 3	11 37	2 28	17 3	0 10	6 57	2 1	28 57	16 39	17 16	16 52	8 18		n.a.
W19	23 6	24 54	2 14	20 45	2 58	19 43	0 26	6 6	2 31	21 43	0 3	11 35	2 28	17 4	0 10	6 57	2 1	28 56	16 39	17 15	16 51	8 15		n.a.
T 20	23 11	27 2	3 16	20 32	3 12	20 2	0 24	5 52	2 31	21 41	0 3	11 34	2 28	17 5	0 10	6 56	2 1	28 56	16 38	17 14	16 50	8 11		n.a.
F 21	23 17	27 35	4 6	20 19	3 25	20 20	0 21	5 38	2 32	21 40	0 3	11 33	2 28	17 6	0 10	6 56	2 1	28 55	16 38	17 13	16 49	8 8		n.a.
S 22	23 22	26 37	4 43	20 7	3 37	20 37	0 19	5 24	2 33	21 39	0 3	11 31	2 27	17 7	0 10	6 56	2 1	28 54	16 37	17 12	16 48	8 5		n.a.
S 23	23 26	24 18	5 4	19 56	3 49	20 54	0 16	5 9	2 33	21 38	0 3	11 30	2 27	17 8	0 10	6 56	2 1	28 53	16 37	17 10	16 47	8 2		n.a.
M24	23 30	20 55	5 11	19 46	4 0	21 11	0 14	4 55	2 34	21 37	0 2	11 29	2 27	17 8	0 10	6 56	2 1	28 52	16 36	17 9	16 46	7 59		n.a.
T 25	23 34	16 42	5 4	19 37	4 10	21 26	0 11	4 41	2 34	21 36	0 2	11 27	2 27	17 9	0 10	6 55	2 0	28 51	16 36	17 8	16 46	7 56		n.a.
W26	23 37	11 54	4 44	19 29	4 18	21 42	0 9	4 27	2 35	21 35	0 2	11 26	2 27	17 10	0 10	6 55	2 0	28 50	16 35	17 7	16 45	7 53		n.a.
T 27	23 40	6 42	4 12	19 23	4 26	21 56	0 6	4 14	2 36	21 34	0 2	11 24	2 26	17 11	0 10	6 55	2 0	28 50	16 35	17 7	16 44	7 49		n.a.
F 28	23 43	1 15	3 29	19 17	4 31	22 10	0 4	4 0	2 36	21 33	0 2	11 23	2 26	17 12	0 10	6 55	2 0	28 49	16 35	17 7	16 43	7 46		n.a.
S 29	23 45	4s17	2 36	19 13	4 36	22 24	0 1	3 46	2 37	21 31	0 2	11 21	2 26	17 13	0 10	6 55	2 0	28 48	16 34	17 7	16 42	7 43		n.a.
S 30	23n47	9s45	1n36	19n11	4s38	22n36	0n 1	3s32	2s37	21s30	0n 1	11n19	2n26	17n14	0s10	6s55	2n 0	28n47	16n34	17n 8	16n41	7n40		n.a.

Julian Day Number = 1358515.5, Delta T = 07h01m02s
Ecliptic obliquity = 23°48'56, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°47'34, Lahiri = -17°40'33 Julian Calendar 1 June 994 BCE == Greg. Calendar 23 May 994 BCE

The year -993 astronomical counting style corresponds to year 994 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 994 BCE
geocentric

JULY 994 BCE (-993) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 55 46	27♊44'08	11♏13	28°R39	13♊14	27♓45	5°R14	7♍ 4	17♉48	22°R10	25♌16	16°R51	15♉15	20♍38	n.a.	M 1
T 2	17 59 42	28°41'35	23°52	27♊52	14°27	28°20	5♐ 8	7° 8	17°51	22♎ 9	25°17	16♉51	15°12	20°45	n.a.	T 2
W 3	18 3 39	29°39'04	6♐52	27° 7	15°41	28°54	5° 1	7°12	17°54	22° 9	25°19	16°49	15° 9	20°51	n.a.	W 3
T 4	18 7 35	0♋36'34	20°13	26°23	16°55	29°28	4°55	7°16	17°57	22° 9	25°20	16°46	15° 6	20°58	n.a.	T 4
F 5	18 11 32	1°34'05	3♑55	25°43	18° 8	0♈ 2	4°49	7°21	18° 0	22° 8	25°22	16°40	15° 2	21° 5	n.a.	F 5
S 6	18 15 29	2°31'37	17°55	25° 6	19°22	0°36	4°43	7°25	18° 3	22° 8	25°23	16°34	14°59	21°12	n.a.	S 6
S 7	18 19 25	3°29'11	2♒ 8	24°34	20°36	1° 9	4°37	7°29	18° 5	22° 8	25°25	16°26	14°56	21°18	n.a.	S 7
M 8	18 23 22	4°26'47	16°30	24° 6	21°50	1°42	4°31	7°34	18° 8	22° 8	25°26	16°19	14°53	21°25	n.a.	M 8
T 9	18 27 18	5°24'24	0♓54	23°45	23° 3	2°15	4°26	7°38	18°11	22° 7	25°28	16°14	14°50	21°32	n.a.	T 9
W10	18 31 15	6°22'02	15°16	23°30	24°17	2°48	4°20	7°43	18°14	22° 7	25°30	16°10	14°47	21°38	n.a.	W10
T 11	18 35 11	7°19'42	29°32	23°22	25°31	3°20	4°15	7°47	18°16	22° 7	25°31	16° 8	14°43	21°45	n.a.	T 11
F 12	18 39 8	8°17'25	13♈40	23°D21	26°45	3°52	4° 9	7°52	18°19	22° 7	25°33	16°D 8	14°40	21°52	n.a.	F 12
S 13	18 43 5	9°15'09	27°39	23°27	27°59	4°24	4° 4	7°57	18°21	22° 7	25°35	16° 8	14°37	21°58	n.a.	S 13
S 14	18 47 1	10°12'54	11♉27	23°40	29°13	4°55	3°59	8° 1	18°24	22° 7	25°37	16°R 9	14°34	22° 5	n.a.	S 14
M15	18 50 58	11°10'42	25° 6	24° 2	0♋27	5°26	3°55	8° 6	18°26	22°D 7	25°38	16° 9	14°31	22°12	n.a.	M15
T 16	18 54 54	12° 8'32	8♊33	24°30	1°41	5°57	3°50	8°11	18°29	22° 7	25°40	16° 7	14°27	22°19	n.a.	T 16
W17	18 58 51	13° 6'23	21°50	25° 7	2°56	6°28	3°46	8°16	18°31	22° 7	25°42	16° 2	14°24	22°25	n.a.	W17
T 18	19 2 47	14° 4'16	4♋55	25°50	4°10	6°58	3°41	8°21	18°34	22° 7	25°44	15°55	14°21	22°32	n.a.	T 18
F 19	19 6 44	15° 2'11	17°47	26°41	5°24	7°28	3°37	8°26	18°36	22° 7	25°46	15°46	14°18	22°39	n.a.	F 19
S 20	19 10 40	16° 0'08	0♌27	27°39	6°38	7°57	3°33	8°32	18°38	22° 7	25°48	15°35	14°15	22°45	n.a.	S 20
S 21	19 14 37	16°58'06	12°53	28°43	7°52	8°26	3°29	8°37	18°40	22° 8	25°49	15°24	14°12	22°52	n.a.	S 21
M22	19 18 34	17°56'05	25° 6	29°54	9° 7	8°55	3°26	8°42	18°43	22° 8	25°51	15°14	14° 8	22°59	n.a.	M22
T 23	19 22 30	18°54'06	7♍ 8	1♋11	10°21	9°24	3°22	8°48	18°45	22° 8	25°53	15° 5	14° 5	23° 5	n.a.	T 23
W24	19 26 27	19°52'09	19° 3	2°34	11°35	9°52	3°19	8°53	18°47	22° 8	25°55	14°58	14° 2	23°12	n.a.	W24
T 25	19 30 23	20°50'13	0♎53	4° 2	12°50	10°19	3°16	8°59	18°49	22° 9	25°57	14°54	13°59	23°19	n.a.	T 25
F 26	19 34 20	21°48'19	12°43	5°34	14° 4	10°47	3°13	9° 4	18°51	22° 9	25°59	14°52	13°56	23°25	n.a.	F 26
S 27	19 38 16	22°46'27	24°39	7°11	15°19	11°13	3°11	9°10	18°53	22° 9	26° 1	14°D51	13°52	23°32	n.a.	S 27
S 28	19 42 13	23°44'36	6♏44	8°52	16°33	11°40	3° 8	9°15	18°55	22°10	26° 3	14°52	13°49	23°39	n.a.	S 28
M29	19 46 9	24°42'47	19° 5	10°36	17°48	12° 6	3° 6	9°21	18°57	22°10	26° 5	14°R52	13°46	23°46	n.a.	M29
T 30	19 50 6	25°40'59	1♐47	12°22	19° 2	12°32	3° 4	9°27	18°59	22°11	26° 7	14°51	13°43	23°52	n.a.	T 30
W31	19 54 2	26♋39'13	14♐53	14♋11	20♋17	12♈57	3♐ 2	9♍33	19♉ 1	22♎11	26♌ 9	14♉47	13♉40	23♍59	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n48	14s57	0n31	19n10	4s39	22n48	0n 4	3s19	2s38	21s29	0n 1	11n18	2n26	17n15	0s10	6s55	2n 0	28n46	16n33	17n 8	16n40	7n37			n.a.
T 2	23 49	19 39	0s38	19 10	4 38	23 0	0 6	3 5	2 38	21 28	0 1	11 16	2 25	17 15	0 10	6 54	2 0	28 45	16 33	17 8	16 39	7 34			n.a.
W 3	23 49	23 33	1 46	19 12	4 35	23 11	0 9	2 52	2 39	21 27	0 1	11 14	2 25	17 16	0 10	6 54	2 0	28 44	16 32	17 8	16 38	7 31			n.a.
T 4	23 49	26 17	2 50	19 16	4 30	23 21	0 11	2 39	2 39	21 26	0 1	11 13	2 25	17 17	0 10	6 54	2 0	28 43	16 32	17 6	16 37	7 27			n.a.
F 5	23 48	27 32	3 46	19 21	4 24	23 30	0 14	2 25	2 40	21 25	0 1	11 11	2 25	17 18	0 10	6 54	2 0	28 42	16 32	17 5	16 36	7 24			n.a.
S 6	23 47	27 3	4 30	19 28	4 16	23 39	0 16	2 12	2 40	21 24	0 0	11 9	2 25	17 19	0 10	6 54	2 0	28 41	16 31	17 3	16 35	7 21			n.a.
S 7	23 46	24 49	4 58	19 36	4 6	23 47	0 18	1 59	2 41	21 23	0 0	11 7	2 24	17 19	0 10	6 54	2 0	28 40	16 31	17 1	16 34	7 18			n.a.
M 8	23 44	21 0	5 7	19 46	3 56	23 54	0 21	1 46	2 41	21 23	0 0	11 5	2 24	17 20	0 10	6 54	2 0	28 39	16 30	16 59	16 33	7 15			n.a.
T 9	23 42	15 56	4 57	19 57	3 43	24 1	0 23	1 33	2 42	21 22	0s 0	11 4	2 24	17 21	0 10	6 54	2 0	28 38	16 30	16 57	16 32	7 12			n.a.
W10	23 40	10 1	4 29	20 9	3 30	24 7	0 25	1 21	2 42	21 21	0 0	11 2	2 24	17 22	0 10	6 54	2 0	28 38	16 30	16 56	16 31	7 8			n.a.
T 11	23 37	3 36	3 44	20 23	3 16	24 12	0 28	1 8	2 43	21 20	0 0	11 0	2 24	17 22	0 10	6 54	1 59	28 37	16 29	16 55	16 30	7 5			n.a.
F 12	23 33	2n57	2 45	20 38	3 1	24 16	0 30	0 56	2 43	21 19	0 0	10 58	2 23	17 23	0 10	6 54	1 59	28 36	16 29	16 55	16 29	7 2			n.a.
S 13	23 29	9 17	1 38	20 54	2 45	24 20	0 32	0 43	2 43	21 18	0 1	10 56	2 23	17 24	0 10	6 54	1 59	28 35	16 29	16 56	16 29	6 59			n.a.
S 14	23 25	15 6	0 25	21 11	2 29	24 23	0 34	0 31	2 44	21 17	0 1	10 54	2 23	17 25	0 10	6 54	1 59	28 34	16 28	16 56	16 28	6 56			n.a.
M15	23 20	20 7	0n48	21 28	2 12	24 25	0 37	0 19	2 44	21 17	0 1	10 52	2 23	17 25	0 10	6 54	1 59	28 33	16 28	16 56	16 27	6 53			n.a.
T 16	23 15	24 0	1 57	21 46	1 56	24 27	0 39	0 7	2 45	21 16	0 1	10 50	2 23	17 26	0 10	6 54	1 59	28 32	16 28	16 55	16 26	6 49			n.a.
W17	23 9	26 32	2 59	22 4	1 39	24 28	0 41	0n 5	2 45	21 15	0 1	10 48	2 23	17 27	0 10	6 54	1 59	28 31	16 27	16 54	16 25	6 46			n.a.
T 18	23 4	27 33	3 50	22 22	1 23	24 28	0 43	0 17	2 45	21 15	0 1	10 46	2 22	17 27	0 10	6 55	1 59	28 30	16 27	16 52	16 24	6 43			n.a.
F 19	22 57	27 3	4 28	22 40	1 6	24 27	0 45	0 29	2 46	21 14	0 2	10 44	2 22	17 28	0 10	6 55	1 59	28 29	16 27	16 49	16 23	6 40			n.a.
S 20	22 50	25 8	4 53	22 57	0 51	24 26	0 47	0 40	2 46	21 13	0 2	10 41	2 22	17 29	0 10	6 55	1 59	28 28	16 26	16 46	16 22	6 37			n.a.
S 21	22 43	22 3	5 3	23 13	0 35	24 23	0 49	0 51	2 46	21 13	0 2	10 39	2 22	17 29	0 10	6 55	1 59	28 27	16 26	16 43	16 21	6 33			n.a.
M22	22 36	18 2	4 59	23 29	0 20	24 20	0 51	1 3	2 47	21 12	0 2	10 37	2 22	17 30	0 10	6 55	1 59	28 26	16 26	16 39	16 20	6 30			n.a.
T 23	22 28	13 22	4 41	23 43	0 6	24 17	0 53	1 14	2 47	21 12	0 2	10 35	2 22	17 30	0 10	6 55	1 59	28 25	16 25	16 37	16 19	6 27			n.a.
W24	22 19	8 15	4 12	23 55	0n 8	24 12	0 55	1 25	2 47	21 11	0 2	10 33	2 22	17 31	0 10	6 55	1 59	28 24	16 25	16 35	16 18	6 24			n.a.
T 25	22 10	2 52	3 32	24 6	0 21	24 7	0 56	1 35	2 47	21 11	0 2	10 30	2 21	17 32	0 10	6 56	1 58	28 23	16 25	16 34	16 17	6 21			n.a.
F 26	22 1	2s37	2 42	24 14	0 33	24 1	0 58	1 46	2 48	21 10	0 3	10 28	2 21	17 32	0 10	6 56	1 58	28 22	16 25	16 33	16 16	6 17			n.a.
S 27	21 51	8 4	1 45	24 21	0 44	23 55	1 0	1 56	2 48	21 10	0 3	10 26	2 21	17 33	0 10	6 56	1 58	28 21	16 24	16 33	16 15	6 14			n.a.
S 28	21 41	13 18	0 43	24 25	0 54	23 47	1 1	2 7	2 48	21 10	0 3	10 24	2 21	17 33	0 10	6 56	1 58	28 20	16 24	16 33	16 14	6 11			n.a.
M29	21 31	18 8	0s22	24 26	1 4	23 39	1 3	2 17	2 48	21 9	0 3	10 21	2 21	17 34	0 10	6 56	1 58	28 19	16 24	16 33	16 13	6 8			n.a.
T 30	21 20	22 17	1 29	24 25	1 12	23 30	1 5	2 27	2 48	21 9	0 3	10 19	2 21	17 34	0 10	6 57	1 58	28 18	16 24	16 33	16 12	6 4			n.a.
W31	21n 9	25s28	2s32	24n22	1n20	23n21	1n 6	2n37	2s49	21s 9	0s 3	10n17	2n21	17n35	0s10	6s57	1n58	28n17	16n23	16n32	16n11	6n 1			n.a.

Julian Day Number = 1358545.5, Delta T = 07h01m00s
Ecliptic obliquity = 23°48'55, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°47'29, Lahiri = -17°40'29 Julian Calendar 1 July 994 BCE == Greg. Calendar 22 June 994 BCE

The year -993 astronomical counting style corresponds to year 994 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 994 BCE
geocentric

AUGUST 994 BCE (-993) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 57 59	27♋37'29	28♐25	16♋ 2	21♋31	13♈22	3°R 0	9♍39	19♉ 3	22♎12	26♌12	14°R41	13♉37	24♍ 6	n.a.	T 1
F 2	20 1 56	28°35'46	12♑23	17°55	22°46	13°46	2♐58	9°45	19° 4	22°12	26°14	14♉33	13°33	24°12	n.a.	F 2
S 3	20 5 52	29°34'06	26°45	19°48	24° 0	14°10	2°57	9°51	19° 6	22°13	26°16	14°23	13°30	24°19	n.a.	S 3
S 4	20 9 49	0♌32'27	11♒24	21°43	25°15	14°34	2°56	9°57	19° 8	22°14	26°18	14°12	13°27	24°26	n.a.	S 4
M 5	20 13 45	1°30'51	26°12	23°37	26°30	14°57	2°55	10° 3	19° 9	22°14	26°20	14° 1	13°24	24°32	n.a.	M 5
T 6	20 17 42	2°29'16	11♓ 1	25°32	27°44	15°19	2°54	10° 9	19°11	22°15	26°22	13°52	13°21	24°39	n.a.	T 6
W 7	20 21 38	3°27'44	25°44	27°27	28°59	15°41	2°53	10°15	19°12	22°16	26°24	13°46	13°18	24°46	n.a.	W 7
T 8	20 25 35	4°26'14	10♈13	29°22	0♌14	16° 3	2°53	10°21	19°14	22°17	26°27	13°42	13°14	24°52	n.a.	T 8
F 9	20 29 31	5°24'46	24°27	1♌16	1°28	16°24	2°53	10°28	19°15	22°17	26°29	13°40	13°11	24°59	n.a.	F 9
S 10	20 33 28	6°23'21	8♉23	3° 9	2°43	16°44	2°D53	10°34	19°17	22°18	26°31	13°40	13° 8	25° 6	n.a.	S 10
S 11	20 37 25	7°21'58	22° 2	5° 2	3°58	17° 4	2°53	10°40	19°18	22°19	26°33	13°40	13° 5	25°13	n.a.	S 11
M12	20 41 21	8°20'38	5♊24	6°55	5°13	17°24	2°53	10°47	19°19	22°20	26°35	13°38	13° 2	25°19	n.a.	M12
T 13	20 45 18	9°19'20	18°33	8°46	6°28	17°42	2°54	10°53	19°20	22°21	26°38	13°35	12°58	25°26	n.a.	T 13
W14	20 49 14	10°18'04	1♋30	10°37	7°43	18° 1	2°54	11° 0	19°22	22°22	26°40	13°29	12°55	25°33	n.a.	W14
T 15	20 53 11	11°16'51	14°15	12°27	8°58	18°18	2°55	11° 6	19°23	22°23	26°42	13°19	12°52	25°39	n.a.	T 15
F 16	20 57 7	12°15'39	26°49	14°15	10°12	18°35	2°56	11°13	19°24	22°24	26°45	13° 7	12°49	25°46	n.a.	F 16
S 17	21 1 4	13°14'30	9♌13	16° 3	11°27	18°52	2°58	11°19	19°25	22°25	26°47	12°54	12°46	25°53	n.a.	S 17
S 18	21 5 0	14°13'23	21°27	17°50	12°42	19° 8	2°59	11°26	19°26	22°26	26°49	12°40	12°43	25°59	n.a.	S 18
M19	21 8 57	15°12'18	3♍33	19°36	13°57	19°23	3° 1	11°32	19°27	22°27	26°51	12°26	12°39	26° 6	n.a.	M19
T 20	21 12 54	16°11'16	15°30	21°21	15°12	19°37	3° 3	11°39	19°28	22°28	26°54	12°14	12°36	26°13	n.a.	T 20
W21	21 16 50	17°10'15	27°21	23° 5	16°27	19°51	3° 5	11°46	19°28	22°29	26°56	12° 5	12°33	26°19	n.a.	W21
T 22	21 20 47	18° 9'16	9♎ 9	24°48	17°42	20° 4	3° 7	11°53	19°29	22°31	26°58	11°58	12°30	26°26	n.a.	T 22
F 23	21 24 43	19° 8'19	20°57	26°30	18°57	20°17	3°10	11°59	19°30	22°32	27° 1	11°55	12°27	26°33	n.a.	F 23
S 24	21 28 40	20° 7'24	2♏50	28°12	20°13	20°28	3°12	12° 6	19°30	22°33	27° 3	11°53	12°24	26°40	n.a.	S 24
S 25	21 32 36	21° 6'31	14°53	29°52	21°28	20°39	3°15	12°13	19°31	22°34	27° 5	11°53	12°20	26°46	n.a.	S 25
M26	21 36 33	22° 5'40	27°10	1♍31	22°43	20°50	3°18	12°20	19°32	22°36	27° 8	11°53	12°17	26°53	n.a.	M26
T 27	21 40 29	23° 4'51	9♐49	3°10	23°58	20°59	3°22	12°27	19°32	22°37	27°10	11°52	12°14	27° 0	n.a.	T 27
W28	21 44 26	24° 4'04	22°52	4°48	25°13	21° 8	3°25	12°34	19°33	22°38	27°12	11°49	12°11	27° 6	n.a.	W28
T 29	21 48 22	25° 3'19	6♑24	6°25	26°28	21°16	3°29	12°41	19°33	22°40	27°15	11°44	12° 8	27°13	n.a.	T 29
F 30	21 52 19	26° 2'36	20°26	8° 1	27°43	21°23	3°32	12°48	19°33	22°41	27°17	11°36	12° 4	27°20	n.a.	F 30
S 31	21 56 16	27♌ 1'55	4♒56	9♍36	28♌58	21♈30	3♐36	12♍55	19♉34	22♎43	27♌19	11♉26	12♉ 1	27♍26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	20n58	27s17	3s29	24n16	1n26	23n10	1n 7	2n46	2s49	21s 9	0s 3	10n14	2n20	17n35	0s10	6s57	1n58	28n16	16n23	16n30	16n10	5n58			n.a.
F 2	20 46	27 28	4 15	24 7	1 32	23 0	1 9	2 56	2 49	21 8	0 4	10 12	2 20	17 36	0 10	6 58	1 58	28 15	16 23	16 27	16 9	5 55			n.a.
S 3	20 34	25 49	4 47	23 55	1 37	22 48	1 10	3 5	2 49	21 8	0 4	10 9	2 20	17 36	0 10	6 58	1 58	28 14	16 23	16 24	16 8	5 52			n.a.
S 4	20 21	22 26	5 1	23 41	1 41	22 35	1 11	3 14	2 49	21 8	0 4	10 7	2 20	17 37	0 10	6 58	1 58	28 13	16 23	16 21	16 7	5 48			n.a.
M 5	20 8	17 35	4 54	23 25	1 44	22 22	1 13	3 23	2 49	21 8	0 4	10 4	2 20	17 37	0 10	6 58	1 58	28 12	16 22	16 18	16 6	5 45			n.a.
T 6	19 55	11 40	4 28	23 6	1 46	22 9	1 14	3 32	2 49	21 8	0 4	10 2	2 20	17 38	0 10	6 59	1 58	28 11	16 22	16 15	16 5	5 42			n.a.
W 7	19 41	5 9	3 45	22 45	1 48	21 54	1 15	3 40	2 49	21 8	0 4	10 0	2 20	17 38	0 10	6 59	1 58	28 10	16 22	16 13	16 4	5 39			n.a.
T 8	19 27	1n34	2 47	22 22	1 49	21 39	1 16	3 49	2 49	21 8	0 4	9 57	2 20	17 38	0 10	6 59	1 58	28 10	16 22	16 12	16 4	5 35			n.a.
F 9	19 13	8 5	1 40	21 58	1 49	21 24	1 17	3 57	2 49	21 8	0 5	9 55	2 20	17 39	0 10	7 0	1 57	28 9	16 22	16 11	16 3	5 32			n.a.
S 10	18 58	14 5	0 28	21 31	1 48	21 7	1 18	4 5	2 49	21 8	0 5	9 52	2 19	17 39	0 10	7 0	1 57	28 8	16 22	16 11	16 2	5 29			n.a.
S 11	18 43	19 16	0n44	21 2	1 47	20 50	1 19	4 12	2 49	21 9	0 5	9 49	2 19	17 40	0 10	7 1	1 57	28 7	16 21	16 11	16 1	5 26			n.a.
M12	18 28	23 23	1 52	20 33	1 46	20 33	1 20	4 20	2 49	21 9	0 5	9 47	2 19	17 40	0 10	7 1	1 57	28 6	16 21	16 11	16 0	5 22			n.a.
T 13	18 12	26 11	2 53	20 1	1 44	20 15	1 20	4 27	2 49	21 9	0 5	9 44	2 19	17 40	0 10	7 1	1 57	28 5	16 21	16 10	15 59	5 19			n.a.
W14	17 56	27 32	3 44	19 28	1 41	19 56	1 21	4 34	2 49	21 9	0 5	9 42	2 19	17 41	0 10	7 2	1 57	28 4	16 21	16 8	15 58	5 16			n.a.
T 15	17 40	27 23	4 22	18 55	1 38	19 37	1 22	4 41	2 49	21 10	0 5	9 39	2 19	17 41	0 10	7 2	1 57	28 3	16 21	16 5	15 57	5 13			n.a.
F 16	17 23	25 49	4 48	18 19	1 35	19 17	1 22	4 48	2 49	21 10	0 5	9 37	2 19	17 41	0 10	7 3	1 57	28 2	16 21	16 1	15 56	5 9			n.a.
S 17	17 6	23 1	4 59	17 43	1 31	18 56	1 23	4 54	2 49	21 10	0 6	9 34	2 19	17 42	0 10	7 3	1 57	28 1	16 21	15 57	15 55	5 6			n.a.
S 18	16 49	19 14	4 56	17 6	1 27	18 35	1 23	5 1	2 48	21 11	0 6	9 31	2 19	17 42	0 10	7 4	1 57	28 0	16 21	15 53	15 54	5 3			n.a.
M19	16 32	14 42	4 40	16 29	1 23	18 14	1 24	5 7	2 48	21 11	0 6	9 29	2 19	17 42	0 10	7 4	1 57	27 59	16 21	15 49	15 53	5 0			n.a.
T 20	16 14	9 39	4 11	15 50	1 18	17 52	1 24	5 12	2 48	21 12	0 6	9 26	2 19	17 42	0 10	7 5	1 57	27 58	16 20	15 45	15 52	4 56			n.a.
W21	15 56	4 18	3 32	15 11	1 13	17 29	1 24	5 18	2 48	21 12	0 6	9 23	2 19	17 43	0 10	7 5	1 57	27 57	16 20	15 42	15 51	4 53			n.a.
T 22	15 38	1s11	2 44	14 31	1 8	17 6	1 24	5 23	2 47	21 13	0 6	9 21	2 18	17 43	0 10	7 6	1 57	27 57	16 20	15 40	15 50	4 50			n.a.
F 23	15 19	6 38	1 48	13 51	1 2	16 43	1 24	5 28	2 47	21 13	0 6	9 18	2 18	17 43	0 10	7 6	1 57	27 56	16 20	15 39	15 49	4 47			n.a.
S 24	15 0	11 54	0 48	13 10	0 57	16 19	1 24	5 33	2 47	21 14	0 6	9 15	2 18	17 43	0 10	7 7	1 56	27 55	16 20	15 38	15 48	4 43			n.a.
S 25	14 41	16 48	0s16	12 29	0 51	15 54	1 24	5 38	2 46	21 15	0 7	9 12	2 18	17 43	0 10	7 7	1 56	27 54	16 20	15 38	15 47	4 40			n.a.
M26	14 22	21 8	1 20	11 48	0 45	15 29	1 24	5 42	2 46	21 15	0 7	9 10	2 18	17 43	0 10	7 8	1 56	27 53	16 20	15 38	15 46	4 37			n.a.
T 27	14 2	24 37	2 22	11 6	0 38	15 4	1 24	5 46	2 45	21 16	0 7	9 7	2 18	17 44	0 10	7 8	1 56	27 52	16 20	15 38	15 45	4 34			n.a.
W28	13 42	26 56	3 19	10 24	0 32	14 38	1 24	5 50	2 45	21 17	0 7	9 4	2 18	17 44	0 10	7 9	1 56	27 51	16 20	15 37	15 44	4 30			n.a.
T 29	13 22	27 46	4 7	9 41	0 25	14 12	1 24	5 53	2 44	21 18	0 7	9 2	2 18	17 44	0 10	7 9	1 56	27 50	16 20	15 35	15 43	4 27			n.a.
F 30	13 2	26 52	4 41	8 59	0 19	13 45	1 23	5 57	2 44	21 19	0 7	8 59	2 18	17 44	0 10	7 10	1 56	27 50	16 20	15 33	15 42	4 24			n.a.
S 31	12n42	24s10	5s 0	8n16	0n12	13n18	1n23	6n 0	2s43	21s19	0s 7	8n56	2n18	17n44	0s10	7s11	1n56	27n49	16n20	15n30	15n41	4n21			n.a.

Julian Day Number = 1358576.5, Delta T = 07h00m59s
Ecliptic obliquity = 23°48'56, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°47'25, Lahiri = -17°40'25 Julian Calendar 1 Aug. 994 BCE == Greg. Calendar 23 July 994 BCE

The year -993 astronomical counting style corresponds to year 994 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 994 BCE
geocentric

SEPTEMBER 994 BCE (-993) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 0 12	28♌ 1'15	19♒49	11♍11	0♍13	21♈36	3♐40	13♍ 2	19♉34	22♎44	27♌22	11°R15	11♉58	27♍33	n.a.	S 1
M 2	22 4 9	29° 0'38	4♓56	12°45	1°29	21°41	3°45	13° 9	19°34	22°45	27°24	11♉ 5	11°55	27°40	n.a.	M 2
T 3	22 8 5	0♍ 0'03	20° 7	14°18	2°44	21°45	3°49	13°16	19°34	22°47	27°26	10°56	11°52	27°46	n.a.	T 3
W 4	22 12 2	0°59'30	5♈11	15°50	3°59	21°48	3°54	13°23	19°34	22°49	27°29	10°49	11°49	27°53	n.a.	W 4
T 5	22 15 58	1°59'00	20° 0	17°21	5°14	21°50	3°59	13°30	19°R34	22°50	27°31	10°45	11°45	28° 0	n.a.	T 5
F 6	22 19 55	2°58'32	4♉28	18°52	6°29	21°52	4° 4	13°37	19°34	22°52	27°33	10°D43	11°42	28° 6	n.a.	F 6
S 7	22 23 51	3°58'07	18°33	20°22	7°45	21°R53	4° 9	13°44	19°34	22°53	27°36	10°43	11°39	28°13	n.a.	S 7
S 8	22 27 48	4°57'44	2♊14	21°51	9° 0	21°52	4°14	13°51	19°34	22°55	27°38	10°R44	11°36	28°20	n.a.	S 8
M 9	22 31 45	5°57'23	15°34	23°20	10°15	21°51	4°20	13°58	19°34	22°57	27°40	10°43	11°33	28°26	n.a.	M 9
T 10	22 35 41	6°57'05	28°34	24°48	11°30	21°49	4°25	14° 5	19°34	22°58	27°42	10°41	11°30	28°33	n.a.	T 10
W11	22 39 38	7°56'50	11♋18	26°15	12°46	21°47	4°31	14°12	19°33	23° 0	27°45	10°37	11°26	28°40	n.a.	W11
T 12	22 43 34	8°56'37	23°48	27°41	14° 1	21°43	4°37	14°20	19°33	23° 2	27°47	10°29	11°23	28°47	n.a.	T 12
F 13	22 47 31	9°56'26	6♌ 8	29° 7	15°16	21°38	4°43	14°27	19°33	23° 4	27°49	10°20	11°20	28°53	n.a.	F 13
S 14	22 51 27	10°56'17	18°19	0♎31	16°31	21°33	4°50	14°34	19°32	23° 5	27°52	10° 9	11°17	29° 0	n.a.	S 14
S 15	22 55 24	11°56'10	0♍22	1°55	17°47	21°26	4°56	14°41	19°32	23° 7	27°54	9°57	11°14	29° 7	n.a.	S 15
M16	22 59 20	12°56'06	12°19	3°18	19° 2	21°19	5° 3	14°48	19°31	23° 9	27°56	9°46	11°10	29°13	n.a.	M16
T 17	23 3 17	13°56'03	24°11	4°40	20°17	21°11	5°10	14°55	19°30	23°11	27°59	9°36	11° 7	29°20	n.a.	T 17
W18	23 7 13	14°56'03	6♎ 0	6° 1	21°33	21° 2	5°17	15° 2	19°30	23°13	28° 1	9°28	11° 4	29°27	n.a.	W18
T 19	23 11 10	15°56'05	17°48	7°21	22°48	20°52	5°24	15°10	19°29	23°14	28° 3	9°23	11° 1	29°33	n.a.	T 19
F 20	23 15 7	16°56'08	29°37	8°39	24° 3	20°41	5°31	15°17	19°28	23°16	28° 5	9°21	10°58	29°40	n.a.	F 20
S 21	23 19 3	17°56'13	11♏31	9°57	25°18	20°29	5°38	15°24	19°27	23°18	28° 8	9°D20	10°55	29°47	n.a.	S 21
S 22	23 23 0	18°56'21	23°33	11°13	26°34	20°17	5°46	15°31	19°27	23°20	28°10	9°21	10°51	29°53	n.a.	S 22
M23	23 26 56	19°56'30	5♐50	12°28	27°49	20° 3	5°54	15°38	19°26	23°22	28°12	9°22	10°48	29°59	n.a.	M23
T 24	23 30 53	20°56'40	18°24	13°41	29° 4	19°49	6° 1	15°45	19°25	23°24	28°14	9°R23	10°45	0♎ 7	n.a.	T 24
W25	23 34 49	21°56'53	1♑22	14°52	0♎20	19°35	6° 9	15°53	19°24	23°26	28°16	9°22	10°42	0°13	n.a.	W25
T 26	23 38 46	22°57'07	14°46	16° 2	1°35	19°19	6°18	16° 0	19°23	23°28	28°19	9°20	10°39	0°20	n.a.	T 26
F 27	23 42 42	23°57'23	28°40	17° 9	2°50	19° 3	6°26	16° 7	19°22	23°30	28°21	9°16	10°36	0°27	n.a.	F 27
S 28	23 46 39	24°57'40	13♒ 3	18°14	4° 5	18°45	6°34	16°14	19°20	23°32	28°23	9°10	10°32	0°33	n.a.	S 28
S 29	23 50 36	25°57'59	27°52	19°16	5°21	18°28	6°43	16°21	19°19	23°34	28°25	9° 4	10°29	0°40	n.a.	S 29
M30	23 54 32	26♍58'20	13♓ 0	20♎15	6♎36	18♈ 9	6♐52	16♍28	19♉18	23♎36	28♌27	8♉57	10♉26	0♎47	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n21	19s48	4s58	7n34	0n 5	12n51	1n22	6n 3	2s42	21s20	0s 7	8n53	2n18	17n44	0s10	7s11	1n56	27n48	16n20	15n27	15n40	4n17		n.a.
M 2	12 0	14 7	4 36	6 51	0s 2	12 23	1 22	6 5	2 42	21 21	0 7	8 50	2 18	17 44	0 10	7 12	1 56	27 47	16 20	15 23	15 39	4 14		n.a.
T 3	11 39	7 34	3 55	6 9	0 9	11 55	1 21	6 7	2 41	21 22	0 8	8 48	2 18	17 44	0 10	7 12	1 56	27 46	16 20	15 20	15 38	4 11		n.a.
W 4	11 18	0 36	2 57	5 26	0 16	11 27	1 21	6 9	2 40	21 23	0 8	8 45	2 18	17 44	0 10	7 13	1 56	27 45	16 20	15 18	15 37	4 7		n.a.
T 5	10 56	6n17	1 48	4 43	0 23	10 59	1 20	6 11	2 39	21 24	0 8	8 42	2 18	17 44	0 10	7 14	1 56	27 45	16 21	15 17	15 36	4 4		n.a.
F 6	10 34	12 42	0 33	4 1	0 30	10 30	1 19	6 12	2 38	21 25	0 8	8 39	2 18	17 44	0 10	7 14	1 56	27 44	16 21	15 16	15 35	4 1		n.a.
S 7	10 12	18 17	0n42	3 19	0 37	10 0	1 18	6 14	2 37	21 26	0 8	8 37	2 18	17 44	0 10	7 15	1 56	27 43	16 21	15 16	15 34	3 58		n.a.
S 8	9 50	22 46	1 52	2 37	0 44	9 31	1 17	6 14	2 36	21 27	0 8	8 34	2 18	17 44	0 10	7 16	1 56	27 42	16 21	15 17	15 33	3 54		n.a.
M 9	9 28	25 54	2 54	1 55	0 51	9 1	1 17	6 15	2 35	21 29	0 8	8 31	2 18	17 44	0 10	7 16	1 56	27 42	16 21	15 16	15 32	3 51		n.a.
T 10	9 6	27 34	3 46	1 13	0 58	8 31	1 15	6 15	2 34	21 30	0 8	8 28	2 18	17 44	0 10	7 17	1 56	27 41	16 21	15 16	15 31	3 48		n.a.
W11	8 43	27 44	4 25	0 32	1 5	8 1	1 14	6 15	2 33	21 31	0 8	8 25	2 18	17 44	0 10	7 18	1 56	27 40	16 21	15 14	15 30	3 44		n.a.
T 12	8 21	26 27	4 51	0s10	1 12	7 31	1 13	6 15	2 32	21 32	0 9	8 23	2 18	17 44	0 10	7 18	1 55	27 39	16 21	15 12	15 29	3 41		n.a.
F 13	7 58	23 55	5 3	0 50	1 19	7 0	1 12	6 14	2 31	21 33	0 9	8 20	2 18	17 44	0 10	7 19	1 55	27 39	16 21	15 9	15 28	3 38		n.a.
S 14	7 35	20 20	5 1	1 31	1 25	6 29	1 11	6 14	2 29	21 35	0 9	8 17	2 18	17 44	0 10	7 20	1 55	27 38	16 22	15 5	15 27	3 35		n.a.
S 15	7 12	15 57	4 45	2 11	1 32	5 58	1 10	6 12	2 28	21 36	0 9	8 14	2 18	17 43	0 10	7 20	1 55	27 37	16 22	15 2	15 26	3 31		n.a.
M16	6 48	10 59	4 17	2 50	1 39	5 27	1 8	6 11	2 27	21 37	0 9	8 11	2 18	17 43	0 10	7 21	1 55	27 36	16 22	14 58	15 25	3 28		n.a.
T 17	6 25	5 40	3 38	3 29	1 45	4 56	1 7	6 9	2 25	21 39	0 9	8 9	2 18	17 43	0 10	7 22	1 55	27 36	16 22	14 55	15 24	3 25		n.a.
W18	6 1	0 10	2 49	4 7	1 51	4 24	1 5	6 7	2 23	21 40	0 9	8 6	2 18	17 43	0 10	7 23	1 55	27 35	16 22	14 52	15 23	3 21		n.a.
T 19	5 38	5s21	1 53	4 45	1 58	3 53	1 4	6 5	2 22	21 41	0 9	8 3	2 18	17 43	0 10	7 23	1 55	27 34	16 22	14 51	15 22	3 18		n.a.
F 20	5 14	10 42	0 52	5 22	2 4	3 21	1 2	6 2	2 20	21 43	0 9	8 0	2 18	17 43	0 10	7 24	1 55	27 34	16 23	14 50	15 21	3 15		n.a.
S 21	4 50	15 43	0s12	5 59	2 9	2 49	1 1	6 0	2 18	21 44	0 9	7 57	2 18	17 42	0 10	7 25	1 55	27 33	16 23	14 50	15 20	3 11		n.a.
S 22	4 27	20 11	1 16	6 34	2 15	2 17	0 59	5 56	2 17	21 46	0 10	7 55	2 18	17 42	0 10	7 26	1 55	27 33	16 23	14 50	15 19	3 8		n.a.
M23	4 3	23 53	2 18	7 9	2 20	1 45	0 57	5 53	2 15	21 47	0 10	7 52	2 18	17 42	0 10	7 26	1 55	27 32	16 23	14 50	15 18	3 5		n.a.
T 24	3 39	26 32	3 15	7 42	2 25	1 13	0 55	5 50	2 13	21 49	0 10	7 49	2 18	17 42	0 10	7 27	1 55	27 31	16 23	14 51	15 17	3 2		n.a.
W25	3 15	27 52	4 4	8 15	2 30	0 41	0 54	5 46	2 11	21 50	0 10	7 46	2 18	17 41	0 10	7 28	1 55	27 31	16 24	14 51	15 16	2 58		n.a.
T 26	2 50	27 38	4 41	8 46	2 34	0 9	0 52	5 42	2 9	21 52	0 10	7 43	2 18	17 41	0 10	7 29	1 55	27 30	16 24	14 50	15 15	2 55		n.a.
F 27	2 26	25 42	5 4	9 16	2 38	0s23	0 50	5 37	2 7	21 53	0 10	7 41	2 18	17 41	0 10	7 29	1 55	27 30	16 24	14 48	15 14	2 52		n.a.
S 28	2 2	22 5	5 8	9 44	2 41	0 55	0 48	5 33	2 4	21 55	0 10	7 38	2 18	17 40	0 10	7 30	1 55	27 29	16 24	14 47	15 13	2 48		n.a.
S 29	1 38	16 58	4 53	10 11	2 44	1 27	0 46	5 28	2 2	21 56	0 10	7 35	2 18	17 40	0 10	7 31	1 55	27 28	16 25	14 44	15 12	2 45		n.a.
M30	1n13	10s43	4s17	10s36	2s47	1s59	0n44	5n23	2s 0	21s58	0s10	7n32	2n18	17n40	0s10	7s32	1n55	27n28	16n25	14n42	15n11	2n42		n.a.

Julian Day Number = 1358607.5, Delta T = 07h00m57s
Ecliptic obliquity = 23°48'56, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°47'21, Lahiri = -17°40'21 Julian Calendar 1 Sept. 994 BCE == Greg. Calendar 23 Aug. 994 BCE

The year -993 astronomical counting style corresponds to year 994 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 994 BCE
geocentric

OCTOBER 994 BCE (-993) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 58 29	27♍58'42	28♓18	21♎11	7♎51	17°R51	7♐ 0	16♍35	19°R17	23♎38	28♌29	8°R51	10♉23	0♎53	n.a.	T 1
W 2	0 2 25	28°59'06	13♈34	22° 3	9° 7	17♈31	7° 9	16°42	19♉15	23°40	28°31	8♉47	10°20	1° 0	n.a.	W 2
T 3	0 6 22	29°59'32	28°39	22°51	10°22	17°11	7°18	16°49	19°14	23°42	28°33	8°45	10°16	1° 7	n.a.	T 3
F 4	0 10 18	1♎ 0'00	13♉24	23°34	11°37	16°51	7°28	16°56	19°12	23°45	28°35	8°D45	10°13	1°13	n.a.	F 4
S 5	0 14 15	2° 0'30	27°43	24°13	12°52	16°30	7°37	17° 3	19°11	23°47	28°37	8°46	10°10	1°20	n.a.	S 5
S 6	0 18 11	3° 1'02	11♊36	24°45	14° 8	16° 8	7°46	17°10	19° 9	23°49	28°39	8°47	10° 7	1°27	n.a.	S 6
M 7	0 22 8	4° 1'36	25° 3	25°10	15°23	15°46	7°56	17°17	19° 8	23°51	28°41	8°48	10° 4	1°33	n.a.	M 7
T 8	0 26 5	5° 2'12	8♋ 5	25°29	16°38	15°24	8° 6	17°24	19° 6	23°53	28°43	8°R49	10° 1	1°40	n.a.	T 8
W 9	0 30 1	6° 2'51	20°46	25°40	17°53	15° 2	8°15	17°31	19° 5	23°55	28°45	8°48	9°57	1°47	n.a.	W 9
T 10	0 33 58	7° 3'30	3♌11	25°R41	19° 9	14°40	8°25	17°38	19° 3	23°58	28°47	8°45	9°54	1°53	n.a.	T 10
F 11	0 37 54	8° 4'12	15°23	25°34	20°24	14°17	8°35	17°45	19° 1	24° 0	28°49	8°41	9°51	2° 0	n.a.	F 11
S 12	0 41 51	9° 4'56	27°24	25°17	21°39	13°54	8°46	17°52	18°59	24° 2	28°51	8°36	9°48	2° 7	n.a.	S 12
S 13	0 45 47	10° 5'41	9♍20	24°49	22°55	13°31	8°56	17°59	18°58	24° 4	28°53	8°31	9°45	2°14	n.a.	S 13
M14	0 49 44	11° 6'28	21°11	24°11	24°10	13° 8	9° 6	18° 6	18°56	24° 6	28°55	8°25	9°41	2°20	n.a.	M14
T 15	0 53 40	12° 7'16	3♎ 0	23°23	25°25	12°46	9°17	18°12	18°54	24° 9	28°57	8°21	9°38	2°27	n.a.	T 15
W16	0 57 37	13° 8'06	14°49	22°25	26°40	12°23	9°27	18°19	18°52	24°11	28°59	8°18	9°35	2°34	n.a.	W16
T 17	1 1 33	14° 8'57	26°40	21°18	27°56	12° 0	9°38	18°26	18°50	24°13	29° 0	8°16	9°32	2°40	n.a.	T 17
F 18	1 5 30	15° 9'50	8♏35	20° 4	29°11	11°38	9°49	18°33	18°48	24°15	29° 2	8°D15	9°29	2°47	n.a.	F 18
S 19	1 9 27	16°10'44	20°36	18°44	0♏26	11°16	10° 0	18°39	18°46	24°17	29° 4	8°16	9°26	2°54	n.a.	S 19
S 20	1 13 23	17°11'39	2♐47	17°23	1°41	10°54	10°11	18°46	18°44	24°20	29° 6	8°17	9°22	3° 0	n.a.	S 20
M21	1 17 20	18°12'35	15° 9	16° 1	2°56	10°32	10°22	18°52	18°42	24°22	29° 7	8°19	9°19	3° 7	n.a.	M21
T 22	1 21 16	19°13'33	27°46	14°42	4°12	10°11	10°33	18°59	18°40	24°24	29° 9	8°20	9°16	3°14	n.a.	T 22
W23	1 25 13	20°14'31	10♑42	13°29	5°27	9°51	10°45	19° 5	18°38	24°26	29°11	8°21	9°13	3°20	n.a.	W23
T 24	1 29 9	21°15'30	24° 0	12°23	6°42	9°31	10°56	19°12	18°35	24°29	29°12	8°R21	9°10	3°27	n.a.	T 24
F 25	1 33 6	22°16'30	7♒42	11°27	7°57	9°11	11° 7	19°18	18°33	24°31	29°14	8°21	9° 7	3°34	n.a.	F 25
S 26	1 37 3	23°17'31	21°49	10°41	9°12	8°52	11°19	19°25	18°31	24°33	29°16	8°19	9° 3	3°40	n.a.	S 26
S 27	1 40 59	24°18'33	6♓21	10° 7	10°27	8°34	11°31	19°31	18°29	24°35	29°17	8°18	9° 0	3°47	n.a.	S 27
M28	1 44 56	25°19'36	21°12	9°44	11°43	8°16	11°42	19°37	18°26	24°38	29°19	8°16	8°57	3°54	n.a.	M28
T 29	1 48 52	26°20'39	6♈17	9°32	12°58	7°59	11°54	19°44	18°24	24°40	29°20	8°15	8°54	4° 0	n.a.	T 29
W30	1 52 49	27°21'43	21°27	9°D32	14°13	7°42	12° 6	19°50	18°22	24°42	29°22	8°14	8°51	4° 7	n.a.	W30
T 31	1 56 45	28♎22'48	6♉32	9♎42	15♏28	7♈26	12♐18	19♍56	18♉19	24♎45	29♌23	8°D13	8♉47	4♎14	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	0n49	3s46	3s22	10s59	2s49	2s31	0n42	5n18	1s57	22s 0	0s10	7n30	2n18	17n39	0s10	7s33	1n55	27n27	16n25	14n40	15n10	2n38			n.a.
W 2	0 25	3n24	2 13	11 21	2 50	3 3	0 40	5 13	1 55	22 1	0 11	7 27	2 18	17 39	0 10	7 33	1 55	27 27	16 26	14 39	15 9	2 35			n.a.
T 3	0 0	10 19	0 55	11 39	2 51	3 35	0 38	5 8	1 52	22 3	0 11	7 24	2 19	17 39	0 10	7 34	1 55	27 26	16 26	14 38	15 8	2 32			n.a.
F 4	0s24	16 30	0n25	11 55	2 50	4 7	0 36	5 2	1 50	22 4	0 11	7 21	2 19	17 38	0 10	7 35	1 55	27 26	16 26	14 38	15 7	2 28			n.a.
S 5	0 49	21 37	1 42	12 8	2 49	4 39	0 33	4 56	1 47	22 6	0 11	7 19	2 19	17 38	0 10	7 36	1 55	27 26	16 27	14 39	15 6	2 25			n.a.
S 6	1 13	25 20	2 50	12 19	2 47	5 11	0 31	4 50	1 45	22 8	0 11	7 16	2 19	17 37	0 10	7 37	1 55	27 25	16 27	14 39	15 5	2 22			n.a.
M 7	1 37	27 29	3 46	12 25	2 43	5 42	0 29	4 44	1 42	22 9	0 11	7 13	2 19	17 37	0 10	7 38	1 55	27 25	16 27	14 40	15 4	2 18			n.a.
T 8	2 2	28 2	4 29	12 28	2 39	6 14	0 27	4 38	1 39	22 11	0 11	7 11	2 19	17 37	0 10	7 38	1 55	27 24	16 28	14 40	15 3	2 15			n.a.
W 9	2 26	27 4	4 57	12 26	2 33	6 45	0 24	4 32	1 36	22 13	0 11	7 8	2 19	17 36	0 10	7 39	1 55	27 24	16 28	14 39	15 2	2 12			n.a.
T 10	2 51	24 47	5 11	12 20	2 26	7 16	0 22	4 26	1 33	22 14	0 11	7 5	2 19	17 36	0 10	7 40	1 54	27 23	16 28	14 38	15 1	2 8			n.a.
F 11	3 15	21 24	5 10	12 9	2 17	7 47	0 20	4 20	1 30	22 16	0 11	7 3	2 19	17 35	0 10	7 41	1 54	27 23	16 29	14 37	15 0	2 5			n.a.
S 12	3 39	17 11	4 56	11 53	2 6	8 18	0 17	4 14	1 27	22 18	0 12	7 0	2 19	17 35	0 10	7 42	1 54	27 23	16 29	14 35	14 59	2 2			n.a.
S 13	4 4	12 20	4 29	11 31	1 54	8 49	0 15	4 7	1 25	22 20	0 12	6 57	2 19	17 34	0 10	7 43	1 54	27 22	16 29	14 34	14 58	1 58			n.a.
M14	4 28	7 4	3 50	11 4	1 40	9 19	0 12	4 1	1 22	22 21	0 12	6 55	2 19	17 34	0 10	7 43	1 54	27 22	16 30	14 32	14 57	1 55			n.a.
T 15	4 52	1 34	3 2	10 31	1 24	9 49	0 10	3 55	1 19	22 23	0 12	6 52	2 20	17 33	0 10	7 44	1 54	27 22	16 30	14 31	14 56	1 52			n.a.
W16	5 16	4s 0	2 5	9 53	1 7	10 19	0 8	3 49	1 15	22 25	0 12	6 50	2 20	17 33	0 10	7 45	1 54	27 21	16 31	14 29	14 55	1 48			n.a.
T 17	5 40	9 28	1 3	9 11	0 48	10 49	0 5	3 43	1 12	22 26	0 12	6 47	2 20	17 32	0 10	7 46	1 54	27 21	16 31	14 29	14 54	1 45			n.a.
F 18	6 4	14 37	0s 2	8 24	0 28	11 19	0 3	3 36	1 9	22 28	0 12	6 44	2 20	17 31	0 10	7 47	1 54	27 21	16 31	14 29	14 53	1 42			n.a.
S 19	6 28	19 16	1 8	7 35	0 8	11 48	0 0	3 31	1 6	22 30	0 12	6 42	2 20	17 31	0 10	7 48	1 54	27 20	16 32	14 29	14 52	1 38			n.a.
S 20	6 51	23 11	2 11	6 44	0n13	12 17	0s 2	3 25	1 3	22 32	0 12	6 39	2 20	17 30	0 10	7 48	1 54	27 20	16 32	14 29	14 51	1 35			n.a.
M21	7 15	26 7	3 10	5 53	0 33	12 45	0 5	3 19	1 0	22 33	0 12	6 37	2 20	17 30	0 10	7 49	1 54	27 20	16 33	14 30	14 50	1 32			n.a.
T 22	7 38	27 48	4 1	5 4	0 53	13 14	0 7	3 13	0 57	22 35	0 12	6 34	2 20	17 29	0 10	7 50	1 54	27 20	16 33	14 30	14 48	1 28			n.a.
W23	8 2	28 2	4 40	4 18	1 11	13 42	0 10	3 8	0 54	22 37	0 13	6 32	2 21	17 29	0 10	7 51	1 54	27 20	16 34	14 31	14 47	1 25			n.a.
T 24	8 25	26 41	5 7	3 37	1 28	14 9	0 12	3 3	0 51	22 39	0 13	6 29	2 21	17 28	0 10	7 52	1 54	27 19	16 34	14 31	14 46	1 22			n.a.
F 25	8 48	23 43	5 16	3 1	1 44	14 37	0 15	2 58	0 48	22 40	0 13	6 27	2 21	17 27	0 10	7 53	1 54	27 19	16 34	14 30	14 45	1 18			n.a.
S 26	9 11	19 18	5 8	2 30	1 57	15 3	0 17	2 53	0 45	22 42	0 13	6 25	2 21	17 27	0 10	7 53	1 54	27 19	16 35	14 30	14 44	1 15			n.a.
S 27	9 34	13 38	4 40	2 6	2 8	15 30	0 20	2 48	0 42	22 44	0 13	6 22	2 21	17 26	0 10	7 54	1 54	27 19	16 35	14 30	14 43	1 12			n.a.
M28	9 57	7 5	3 52	1 49	2 17	15 56	0 22	2 44	0 39	22 45	0 13	6 20	2 21	17 25	0 10	7 55	1 54	27 19	16 36	14 29	14 42	1 8			n.a.
T 29	10 19	0 2	2 48	1 38	2 24	16 22	0 25	2 40	0 36	22 47	0 13	6 17	2 21	17 25	0 10	7 56	1 54	27 19	16 36	14 28	14 41	1 5			n.a.
W30	10 42	7n 4	1 32	1 33	2 30	16 47	0 27	2 36	0 33	22 49	0 13	6 15	2 22	17 24	0 10	7 57	1 54	27 18	16 37	14 28	14 40	1 2			n.a.
T 31	11s 4	13n46	0s 9	1s33	2n34	17s12	0s29	2n32	0s30	22s51	0s13	6n13	2n22	17n23	0s10	7s58	1n54	27n18	16n37	14n28	14n39	0n58			n.a.

Julian Day Number = 1358637.5, Delta T = 07h00m56s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°47'17, Lahiri = -17°40'16 Julian Calendar 1 Oct. 994 BCE == Greg. Calendar 22 Sept. 994 BCE

The year -993 astronomical counting style corresponds to year 994 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 994 BCE
geocentric

NOVEMBER 994 BCE (-993) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 0 42	29♎23'54	21♉23	10♎ 1	16♏43	7°R11	12♐30	20♍ 2	18°R17	24♎47	29♌24	8♉13	8♉44	4♎20	n.a.	F 1
S 2	2 4 38	0♏25'01	5♊53	10°28	17°58	6♈57	12°43	20° 8	18♉15	24°49	29°26	8°14	8°41	4°27	n.a.	S 2
S 3	2 8 35	1°26'10	19°58	11° 3	19°13	6°43	12°55	20°14	18°12	24°51	29°27	8°15	8°38	4°34	n.a.	S 3
M 4	2 12 32	2°27'19	3♋35	11°45	20°28	6°30	13° 7	20°20	18°10	24°54	29°28	8°15	8°35	4°40	n.a.	M 4
T 5	2 16 28	3°28'30	16°47	12°34	21°43	6°18	13°19	20°26	18° 7	24°56	29°30	8°16	8°32	4°47	n.a.	T 5
W 6	2 20 25	4°29'41	29°33	13°27	22°58	6° 7	13°32	20°32	18° 5	24°58	29°31	8°R16	8°28	4°54	n.a.	W 6
T 7	2 24 21	5°30'53	12♌ 0	14°25	24°13	5°57	13°45	20°37	18° 2	25° 0	29°32	8°16	8°25	5° 0	n.a.	T 7
F 8	2 28 18	6°32'06	24°10	15°28	25°28	5°47	13°57	20°43	18° 0	25° 3	29°33	8°16	8°22	5° 7	n.a.	F 8
S 9	2 32 14	7°33'20	6♍ 9	16°34	26°44	5°38	14°10	20°49	17°57	25° 5	29°35	8°16	8°19	5°14	n.a.	S 9
S 10	2 36 11	8°34'35	18° 1	17°43	27°59	5°30	14°23	20°54	17°55	25° 7	29°36	8°D16	8°16	5°20	n.a.	S 10
M11	2 40 7	9°35'51	29°49	18°54	29°14	5°23	14°35	21° 0	17°52	25° 9	29°37	8°16	8°13	5°27	n.a.	M11
T 12	2 44 4	10°37'07	11♎38	20° 9	0♐29	5°16	14°48	21° 5	17°50	25°11	29°38	8°16	8° 9	5°34	n.a.	T 12
W13	2 48 1	11°38'24	23°29	21°25	1°44	5°11	15° 1	21°11	17°47	25°14	29°39	8°16	8° 6	5°40	n.a.	W13
T 14	2 51 57	12°39'41	5♏27	22°43	2°58	5° 6	15°14	21°16	17°44	25°16	29°40	8°R16	8° 3	5°47	n.a.	T 14
F 15	2 55 54	13°40'59	17°32	24° 2	4°13	5° 2	15°27	21°21	17°42	25°18	29°41	8°16	8° 0	5°54	n.a.	F 15
S 16	2 59 50	14°42'17	29°47	25°23	5°28	4°59	15°40	21°27	17°39	25°20	29°42	8°16	7°57	6° 0	n.a.	S 16
S 17	3 3 47	15°43'35	12♐12	26°46	6°43	4°57	15°54	21°32	17°37	25°22	29°43	8°15	7°53	6° 7	n.a.	S 17
M18	3 7 43	16°44'54	24°50	28° 9	7°58	4°55	16° 7	21°37	17°34	25°24	29°44	8°14	7°50	6°14	n.a.	M18
T 19	3 11 40	17°46'13	7♑41	29°33	9°13	4°D55	16°20	21°42	17°32	25°27	29°45	8°13	7°47	6°20	n.a.	T 19
W20	3 15 37	18°47'31	20°46	0♏58	10°28	4°55	16°33	21°47	17°29	25°29	29°45	8°12	7°44	6°27	n.a.	W20
T 21	3 19 33	19°48'50	4♒ 7	2°24	11°43	4°56	16°47	21°52	17°26	25°31	29°46	8°11	7°41	6°34	n.a.	T 21
F 22	3 23 30	20°50'08	17°45	3°51	12°58	4°58	17° 0	21°57	17°24	25°33	29°47	8°D10	7°38	6°40	n.a.	F 22
S 23	3 27 26	21°51'26	1♓41	5°18	14°13	5° 0	17°14	22° 1	17°21	25°35	29°48	8°10	7°34	6°47	n.a.	S 23
S 24	3 31 23	22°52'43	15°53	6°46	15°27	5° 3	17°27	22° 6	17°19	25°37	29°48	8°11	7°31	6°54	n.a.	S 24
M25	3 35 19	23°54'00	0♈21	8°14	16°42	5° 7	17°41	22°10	17°16	25°39	29°49	8°12	7°28	7° 0	n.a.	M25
T 26	3 39 16	24°55'17	15° 0	9°43	17°57	5°12	17°54	22°15	17°14	25°41	29°49	8°13	7°25	7° 7	n.a.	T 26
W27	3 43 12	25°56'34	29°46	11°13	19°12	5°17	18° 8	22°19	17°11	25°43	29°50	8°14	7°22	7°14	n.a.	W27
T 28	3 47 9	26°57'50	14♉32	12°43	20°26	5°23	18°22	22°24	17° 9	25°45	29°51	8°R14	7°18	7°20	n.a.	T 28
F 29	3 51 6	27°59'06	29°12	14°13	21°41	5°30	18°36	22°28	17° 6	25°47	29°51	8°13	7°15	7°27	n.a.	F 29
S 30	3 55 2	29♏ 0'22	13♊37	15♏44	22♐56	5♈38	18♐49	22♍32	17♉ 4	25♎49	29♌52	8♉11	7♉12	7♎34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11 s26	19n33	1n12	1 s39	2n36	17 s36	0 s32	2n29	0 s27	22 s52	0 s13	6n11	2n22	17n23	0 s10	7 s59	1n54	27n18	16n38	14n28	14n38	0n55		n.a.
S 2	11 48	24 3	2 28	1 49	2 37	18 0	0 34	2 26	0 24	22 54	0 13	6 8	2 22	17 22	0 10	7 59	1 54	27 18	16 38	14 28	14 37	0 52		n.a.
S 3	12 9	26 57	3 32	2 3	2 36	18 23	0 37	2 23	0 21	22 56	0 14	6 6	2 22	17 21	0 10	8 0	1 54	27 18	16 39	14 29	14 36	0 48		n.a.
M 4	12 31	28 7	4 22	2 21	2 35	18 46	0 39	2 20	0 19	22 57	0 14	6 4	2 22	17 21	0 10	8 1	1 54	27 18	16 39	14 29	14 35	0 45		n.a.
T 5	12 52	27 38	4 56	2 42	2 33	19 9	0 41	2 18	0 16	22 59	0 14	6 2	2 22	17 20	0 10	8 2	1 54	27 18	16 40	14 29	14 34	0 42		n.a.
W 6	13 13	25 40	5 14	3 6	2 30	19 31	0 44	2 16	0 13	23 1	0 14	5 59	2 23	17 19	0 10	8 3	1 54	27 18	16 40	14 29	14 33	0 38		n.a.
T 7	13 34	22 31	5 17	3 32	2 26	19 52	0 46	2 14	0 11	23 2	0 14	5 57	2 23	17 19	0 10	8 3	1 54	27 18	16 41	14 29	14 32	0 35		n.a.
F 8	13 55	18 28	5 6	4 1	2 21	20 13	0 48	2 13	0 8	23 4	0 14	5 55	2 23	17 18	0 10	8 4	1 54	27 18	16 41	14 29	14 31	0 31		n.a.
S 9	14 15	13 44	4 41	4 31	2 16	20 33	0 51	2 11	0 5	23 6	0 14	5 53	2 23	17 17	0 10	8 5	1 54	27 18	16 42	14 29	14 30	0 28		n.a.
S 10	14 35	8 33	4 5	5 3	2 11	20 53	0 53	2 10	0 3	23 7	0 14	5 51	2 23	17 17	0 10	8 6	1 54	27 18	16 43	14 29	14 29	0 25		n.a.
M11	14 55	3 5	3 18	5 36	2 5	21 12	0 55	2 10	0 1	23 9	0 14	5 49	2 24	17 16	0 10	8 7	1 54	27 18	16 43	14 29	14 28	0 21		n.a.
T 12	15 14	2 s29	2 23	6 10	1 59	21 30	0 57	2 9	0n 2	23 10	0 14	5 47	2 24	17 15	0 10	8 8	1 54	27 19	16 44	14 29	14 27	0 18		n.a.
W13	15 34	8 0	1 21	6 45	1 53	21 48	0 59	2 9	0 4	23 12	0 14	5 45	2 24	17 14	0 10	8 8	1 54	27 19	16 44	14 29	14 26	0 15		n.a.
T 14	15 53	13 18	0 16	7 20	1 46	22 5	1 1	2 9	0 7	23 13	0 15	5 43	2 24	17 14	0 10	8 9	1 54	27 19	16 45	14 29	14 25	0 11		n.a.
F 15	16 12	18 9	0 s51	7 56	1 39	22 22	1 4	2 10	0 9	23 15	0 15	5 41	2 24	17 13	0 10	8 10	1 54	27 19	16 45	14 29	14 24	0 8		n.a.
S 16	16 30	22 19	1 57	8 33	1 32	22 38	1 6	2 11	0 11	23 16	0 15	5 39	2 25	17 12	0 10	8 11	1 54	27 19	16 46	14 29	14 23	0 5		n.a.
S 17	16 48	25 33	2 57	9 9	1 25	22 53	1 8	2 12	0 13	23 18	0 15	5 37	2 25	17 12	0 10	8 11	1 54	27 19	16 46	14 29	14 22	0 1		n.a.
M18	17 6	27 33	3 51	9 46	1 18	23 7	1 10	2 13	0 15	23 20	0 15	5 35	2 25	17 11	0 10	8 12	1 54	27 19	16 47	14 28	14 20	0 s 2		n.a.
T 19	17 24	28 8	4 33	10 23	1 11	23 21	1 11	2 15	0 17	23 21	0 15	5 34	2 25	17 10	0 10	8 13	1 54	27 20	16 48	14 28	14 19	0 6		n.a.
W20	17 41	27 10	5 2	11 0	1 3	23 35	1 13	2 17	0 19	23 22	0 15	5 32	2 25	17 9	0 10	8 14	1 55	27 20	16 48	14 27	14 18	0 9		n.a.
T 21	17 58	24 38	5 16	11 37	0 56	23 47	1 15	2 19	0 21	23 24	0 15	5 30	2 26	17 9	0 10	8 15	1 55	27 20	16 49	14 27	14 17	0 12		n.a.
F 22	18 15	20 42	5 12	12 14	0 49	23 59	1 17	2 21	0 23	23 25	0 15	5 28	2 26	17 8	0 10	8 15	1 55	27 20	16 49	14 27	14 16	0 16		n.a.
S 23	18 31	15 33	4 51	12 51	0 41	24 10	1 19	2 24	0 25	23 27	0 15	5 27	2 26	17 7	0 10	8 16	1 55	27 21	16 50	14 27	14 15	0 19		n.a.
S 24	18 47	9 30	4 11	13 27	0 34	24 20	1 20	2 27	0 27	23 28	0 15	5 25	2 26	17 6	0 10	8 17	1 55	27 21	16 50	14 27	14 14	0 22		n.a.
M25	19 3	2 50	3 15	14 3	0 27	24 30	1 22	2 30	0 29	23 30	0 16	5 23	2 26	17 6	0 10	8 17	1 55	27 21	16 51	14 28	14 13	0 26		n.a.
T 26	19 18	4n 5	2 5	14 39	0 19	24 39	1 23	2 34	0 31	23 31	0 16	5 22	2 27	17 5	0 10	8 18	1 55	27 22	16 52	14 28	14 12	0 29		n.a.
W27	19 33	10 50	0 47	15 14	0 12	24 47	1 25	2 38	0 32	23 32	0 16	5 20	2 27	17 4	0 10	8 19	1 55	27 22	16 52	14 28	14 11	0 32		n.a.
T 28	19 47	17 0	0n35	15 49	0 5	24 54	1 26	2 42	0 34	23 34	0 16	5 19	2 27	17 4	0 10	8 20	1 55	27 22	16 53	14 28	14 10	0 36		n.a.
F 29	20 1	22 8	1 53	16 23	0 s 2	25 1	1 28	2 46	0 36	23 35	0 16	5 17	2 27	17 3	0 10	8 20	1 55	27 23	16 53	14 28	14 9	0 39		n.a.
S 30	20 s15	25n49	3n 3	16 s57	0 s 9	25 s 6	1 s29	2n50	0n37	23 s36	0 s16	5n16	2n28	17n 2	0 s10	8 s21	1n55	27n23	16n54	14n27	14n 8	0 s43		n.a.

Julian Day Number = 1358668.5, Delta T = 07h00m54s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°47'13, Lahiri = -17°40'12 Julian Calendar 1 Nov. 994 BCE == Greg. Calendar 23 Oct. 994 BCE

The year -993 astronomical counting style corresponds to year 994 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 994 BCE
geocentric

DECEMBER 994 BCE (-993) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 58 59	0♐ 1'37	27♊43	17♏15	24♐10	5♈46	19♐ 3	22♍36	17°R 1	25♎51	29♌52	8°R 8	7♉ 9	7♎40	n.a.	S 1
M 2	4 2 55	1° 2'53	11♋26	18°46	25°25	5°54	19°17	22°40	16♉59	25°53	29°52	8♉ 5	7° 6	7°47	n.a.	M 2
T 3	4 6 52	2° 4'08	24°44	20°18	26°40	6° 4	19°31	22°44	16°56	25°55	29°53	8° 1	7° 3	7°54	n.a.	T 3
W 4	4 10 48	3° 5'23	7♌38	21°51	27°54	6°14	19°45	22°48	16°54	25°57	29°53	7°58	6°59	8° 0	n.a.	W 4
T 5	4 14 45	4° 6'38	20° 9	23°24	29° 9	6°24	19°59	22°52	16°51	25°59	29°53	7°56	6°56	8° 7	n.a.	T 5
F 6	4 18 42	5° 7'53	2♍23	24°57	0♑23	6°35	20°13	22°56	16°49	26° 1	29°54	7°D55	6°53	8°14	n.a.	F 6
S 7	4 22 38	6° 9'07	14°23	26°31	1°38	6°47	20°27	22°59	16°46	26° 2	29°54	7°55	6°50	8°20	n.a.	S 7
S 8	4 26 35	7°10'22	26°14	28° 5	2°53	7° 0	20°41	23° 3	16°44	26° 4	29°54	7°57	6°47	8°27	n.a.	S 8
M 9	4 30 31	8°11'35	8♎ 2	29°39	4° 7	7°12	20°55	23° 6	16°42	26° 6	29°54	7°59	6°44	8°34	n.a.	M 9
T 10	4 34 28	9°12'49	19°51	1♐15	5°21	7°26	21° 9	23° 9	16°39	26° 8	29°54	8° 0	6°40	8°40	n.a.	T 10
W11	4 38 24	10°14'01	1♏46	2°50	6°36	7°40	21°23	23°13	16°37	26°10	29°54	8° 2	6°37	8°47	n.a.	W11
T 12	4 42 21	11°15'14	13°50	4°26	7°50	7°54	21°37	23°16	16°35	26°11	29°R54	8°R 2	6°34	8°54	n.a.	T 12
F 13	4 46 17	12°16'25	26° 7	6° 3	9° 5	8° 9	21°51	23°19	16°32	26°13	29°54	8° 0	6°31	9° 0	n.a.	F 13
S 14	4 50 14	13°17'37	8♐37	7°40	10°19	8°25	22° 5	23°22	16°30	26°15	29°54	7°57	6°28	9° 7	n.a.	S 14
S 15	4 54 11	14°18'47	21°22	9°18	11°33	8°41	22°19	23°25	16°28	26°16	29°54	7°51	6°24	9°14	n.a.	S 15
M16	4 58 7	15°19'56	4♑22	10°56	12°48	8°57	22°33	23°27	16°26	26°18	29°54	7°45	6°21	9°20	n.a.	M16
T 17	5 2 4	16°21'05	17°36	12°35	14° 2	9°14	22°48	23°30	16°24	26°20	29°54	7°38	6°18	9°27	n.a.	T 17
W18	5 6 0	17°22'12	1♒ 3	14°15	15°16	9°32	23° 2	23°33	16°22	26°21	29°54	7°32	6°15	9°34	n.a.	W18
T 19	5 9 57	18°23'18	14°41	15°55	16°30	9°49	23°16	23°35	16°19	26°23	29°54	7°26	6°12	9°40	n.a.	T 19
F 20	5 13 53	19°24'23	28°28	17°35	17°45	10° 8	23°30	23°37	16°17	26°24	29°53	7°22	6° 9	9°47	n.a.	F 20
S 21	5 17 50	20°25'26	12♓24	19°17	18°59	10°26	23°44	23°40	16°15	26°26	29°53	7°20	6° 5	9°54	n.a.	S 21
S 22	5 21 46	21°26'28	26°28	20°59	20°13	10°46	23°59	23°42	16°13	26°27	29°53	7°D20	6° 2	10° 0	n.a.	S 22
M23	5 25 43	22°27'29	10♈38	22°41	21°27	11° 5	24°13	23°44	16°11	26°29	29°52	7°21	5°59	10° 7	n.a.	M23
T 24	5 29 40	23°28'28	24°53	24°25	22°41	11°25	24°27	23°46	16°10	26°30	29°52	7°22	5°56	10°14	n.a.	T 24
W25	5 33 36	24°29'25	9♉11	26° 9	23°55	11°45	24°41	23°48	16° 8	26°32	29°52	7°R23	5°53	10°20	n.a.	W25
T 26	5 37 33	25°30'22	23°29	27°53	25° 9	12° 6	24°56	23°50	16° 6	26°33	29°51	7°21	5°50	10°27	n.a.	T 26
F 27	5 41 29	26°31'16	7♊42	29°38	26°23	12°27	25°10	23°51	16° 4	26°35	29°51	7°18	5°46	10°34	n.a.	F 27
S 28	5 45 26	27°32'10	21°48	1♑24	27°36	12°48	25°24	23°53	16° 2	26°36	29°50	7°12	5°43	10°40	n.a.	S 28
S 29	5 49 22	28°33'02	5♋40	3°11	28°50	13°10	25°38	23°54	16° 1	26°37	29°50	7° 4	5°40	10°47	n.a.	S 29
M30	5 53 19	29°33'53	19°14	4°57	0♒ 4	13°32	25°53	23°56	15°59	26°38	29°49	6°55	5°37	10°54	n.a.	M30
T 31	5 57 16	0♑34'42	2♌29	6♑45	1♒18	13♈55	26♐ 7	23♍57	15♉57	26♎40	29♌48	6♉45	5♉34	11♎ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s28	27n48	4n 0	17s30	0s16	25s11	1s30	2n55	0n39	23s37	0s16	5n14	2n28	17n 1	0s10	8s22	1n55	27n23	16n55	14n26	14n 7	0s46			n.a.
M 2	20 41	27 59	4 41	18 2	0 22	25 16	1 32	3 0	0 40	23 39	0 16	5 13	2 28	17 1	0 10	8 22	1 55	27 24	16 55	14 25	14 6	0 49			n.a.
T 3	20 54	26 32	5 6	18 34	0 29	25 19	1 33	3 5	0 42	23 40	0 16	5 11	2 28	17 0	0 10	8 23	1 55	27 24	16 56	14 24	14 5	0 53			n.a.
W 4	21 6	23 42	5 14	19 5	0 35	25 22	1 34	3 10	0 43	23 41	0 16	5 10	2 29	16 59	0 10	8 24	1 55	27 25	16 56	14 23	14 4	0 56			n.a.
T 5	21 18	19 50	5 7	19 35	0 42	25 24	1 35	3 16	0 45	23 42	0 16	5 9	2 29	16 59	0 10	8 24	1 55	27 25	16 57	14 22	14 3	0 59			n.a.
F 6	21 29	15 14	4 46	20 4	0 48	25 25	1 36	3 21	0 46	23 43	0 17	5 8	2 29	16 58	0 10	8 25	1 55	27 25	16 57	14 22	14 2	1 3			n.a.
S 7	21 40	10 7	4 13	20 33	0 54	25 25	1 37	3 27	0 47	23 45	0 17	5 6	2 29	16 57	0 10	8 26	1 55	27 26	16 58	14 22	14 0	1 6			n.a.
S 8	21 51	4 43	3 30	21 1	1 0	25 25	1 38	3 34	0 49	23 46	0 17	5 5	2 30	16 57	0 10	8 26	1 55	27 26	16 59	14 23	13 59	1 10			n.a.
M 9	22 1	0s50	2 37	21 27	1 5	25 23	1 38	3 40	0 50	23 47	0 17	5 4	2 30	16 56	0 10	8 27	1 55	27 27	16 59	14 23	13 58	1 13			n.a.
T 10	22 11	6 22	1 38	21 53	1 11	25 21	1 39	3 46	0 51	23 48	0 17	5 3	2 30	16 55	0 10	8 28	1 55	27 27	17 0	14 24	13 57	1 16			n.a.
W11	22 20	11 44	0 34	22 18	1 16	25 19	1 40	3 53	0 52	23 49	0 17	5 2	2 30	16 55	0 10	8 28	1 55	27 28	17 0	14 24	13 56	1 20			n.a.
T 12	22 29	16 45	0s32	22 41	1 21	25 15	1 40	4 0	0 53	23 50	0 17	5 1	2 31	16 54	0 10	8 29	1 55	27 28	17 1	14 24	13 55	1 23			n.a.
F 13	22 37	21 9	1 37	23 4	1 26	25 11	1 41	4 7	0 54	23 51	0 17	5 0	2 31	16 53	0 10	8 29	1 55	27 29	17 2	14 24	13 54	1 26			n.a.
S 14	22 45	24 42	2 39	23 25	1 30	25 5	1 41	4 14	0 56	23 52	0 17	4 59	2 31	16 53	0 10	8 30	1 55	27 30	17 2	14 23	13 53	1 30			n.a.
S 15	22 53	27 6	3 34	23 45	1 34	24 59	1 42	4 22	0 57	23 53	0 17	4 58	2 31	16 52	0 10	8 31	1 55	27 30	17 3	14 21	13 52	1 33			n.a.
M16	23 0	28 4	4 19	24 3	1 38	24 53	1 42	4 29	0 58	23 54	0 18	4 57	2 32	16 51	0 10	8 31	1 55	27 31	17 3	14 19	13 51	1 37			n.a.
T 17	23 6	27 27	4 51	24 21	1 42	24 45	1 42	4 37	0 59	23 55	0 18	4 56	2 32	16 51	0 10	8 32	1 55	27 31	17 4	14 16	13 50	1 40			n.a.
W18	23 12	25 14	5 8	24 37	1 46	24 37	1 42	4 45	1 0	23 55	0 18	4 56	2 32	16 50	0 10	8 32	1 55	27 32	17 5	14 14	13 49	1 43			n.a.
T 19	23 18	21 34	5 7	24 51	1 49	24 28	1 42	4 53	1 1	23 56	0 18	4 55	2 33	16 50	0 10	8 33	1 56	27 32	17 5	14 12	13 48	1 47			n.a.
F 20	23 23	16 42	4 49	25 5	1 51	24 18	1 42	5 1	1 2	23 57	0 18	4 54	2 33	16 49	0 10	8 33	1 56	27 33	17 6	14 11	13 47	1 50			n.a.
S 21	23 28	10 54	4 14	25 16	1 54	24 8	1 42	5 9	1 2	23 58	0 18	4 53	2 33	16 49	0 10	8 34	1 56	27 34	17 6	14 10	13 46	1 53			n.a.
S 22	23 32	4 31	3 23	25 26	1 56	23 57	1 42	5 18	1 3	23 59	0 18	4 53	2 33	16 48	0 10	8 34	1 56	27 34	17 7	14 10	13 45	1 57			n.a.
M23	23 36	2n 8	2 20	25 34	1 58	23 45	1 42	5 26	1 4	24 0	0 18	4 52	2 34	16 47	0 10	8 35	1 56	27 35	17 7	14 11	13 43	2 0			n.a.
T 24	23 39	8 45	1 7	25 41	1 59	23 32	1 41	5 35	1 5	24 0	0 18	4 52	2 34	16 47	0 10	8 35	1 56	27 36	17 8	14 11	13 42	2 4			n.a.
W25	23 42	14 56	0n10	25 46	2 0	23 19	1 41	5 44	1 6	24 1	0 19	4 51	2 34	16 46	0 9	8 36	1 56	27 36	17 8	14 11	13 41	2 7			n.a.
T 26	23 44	20 19	1 26	25 49	2 1	23 5	1 40	5 52	1 7	24 2	0 19	4 51	2 34	16 46	0 9	8 36	1 56	27 37	17 9	14 11	13 40	2 10			n.a.
F 27	23 46	24 30	2 36	25 50	2 1	22 50	1 40	6 2	1 7	24 2	0 19	4 50	2 35	16 45	0 9	8 37	1 56	27 38	17 10	14 10	13 39	2 14			n.a.
S 28	23 48	27 9	3 36	25 49	2 0	22 35	1 39	6 11	1 8	24 3	0 19	4 50	2 35	16 45	0 9	8 37	1 56	27 38	17 10	14 8	13 38	2 17			n.a.
S 29	23 48	28 3	4 22	25 46	1 59	22 19	1 38	6 20	1 9	24 3	0 19	4 50	2 35	16 44	0 9	8 37	1 56	27 39	17 11	14 5	13 37	2 20			n.a.
M30	23 49	27 13	4 52	25 41	1 58	22 3	1 38	6 29	1 10	24 4	0 19	4 49	2 36	16 44	0 9	8 38	1 56	27 40	17 11	14 2	13 36	2 24			n.a.
T 31	23s49	24n51	5n 5	25s34	1s56	21s45	1s37	6n39	1n10	24s 5	0s19	4n49	2n36	16n43	0s 9	8s38	1n56	27n41	17n12	13n59	13n35	2s27			n.a.

Julian Day Number = 1358698.5, Delta T = 07h00m53s
Ecliptic obliquity = 23°48'56, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°47'09, Lahiri = -17°40'08 Julian Calendar 1 Dec. 994 BCE == Greg. Calendar 22 Nov. 994 BCE

The year -993 astronomical counting style corresponds to year 994 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 993 BCE
geocentric

JANUARY 993 BCE (-992) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 1 12	1♉35'31	15♌22	8♉33	2♒31	14♈17	26♐21	23♍58	15°R56	26♎41	29°R48	6°R36	5♉30	11♎ 7	n.a.	W 1
T 2	6 5 9	2°36'17	27°56	10°21	3°45	14°40	26°35	23°59	15♉54	26°42	29♌47	6♉29	5°27	11°14	n.a.	T 2
F 3	6 9 5	3°37'03	10♍11	12° 9	4°58	15° 4	26°49	24° 0	15°53	26°43	29°46	6°23	5°24	11°20	n.a.	F 3
S 4	6 13 2	4°37'47	22°13	13°57	6°12	15°27	27° 4	24° 1	15°51	26°44	29°46	6°20	5°21	11°27	n.a.	S 4
S 5	6 16 58	5°38'30	4♎ 5	15°46	7°25	15°51	27°18	24° 2	15°50	26°46	29°45	6°D19	5°18	11°34	n.a.	S 5
M 6	6 20 55	6°39'12	15°53	17°34	8°39	16°15	27°32	24° 3	15°48	26°47	29°44	6°20	5°15	11°40	n.a.	M 6
T 7	6 24 51	7°39'53	27°43	19°21	9°52	16°40	27°46	24° 3	15°47	26°48	29°43	6°20	5°11	11°47	n.a.	T 7
W 8	6 28 48	8°40'32	9♏40	21° 8	11° 5	17° 4	28° 0	24° 4	15°46	26°49	29°42	6°R21	5° 8	11°53	n.a.	W 8
T 9	6 32 45	9°41'09	21°48	22°54	12°18	17°29	28°14	24° 4	15°44	26°50	29°41	6°19	5° 5	12° 0	n.a.	T 9
F 10	6 36 41	10°41'46	4♐12	24°38	13°32	17°55	28°28	24° 4	15°43	26°51	29°41	6°16	5° 2	12° 7	n.a.	F 10
S 11	6 40 38	11°42'20	16°55	26°20	14°45	18°20	28°42	24° 4	15°42	26°51	29°40	6°10	4°59	12°13	n.a.	S 11
S 12	6 44 34	12°42'54	29°57	28° 0	15°58	18°46	28°57	24°R 4	15°41	26°52	29°39	6° 1	4°56	12°20	n.a.	S 12
M13	6 48 31	13°43'25	13♉20	29°38	17°11	19°12	29°11	24° 4	15°40	26°53	29°38	5°50	4°52	12°27	n.a.	M13
T 14	6 52 27	14°43'55	27° 0	1♒12	18°24	19°38	29°25	24° 4	15°39	26°54	29°37	5°38	4°49	12°33	n.a.	T 14
W15	6 56 24	15°44'23	10♒54	2°42	19°37	20° 4	29°39	24° 4	15°38	26°55	29°36	5°27	4°46	12°40	n.a.	W15
T 16	7 0 20	16°44'49	24°58	4° 8	20°49	20°31	29°53	24° 4	15°37	26°56	29°34	5°16	4°43	12°47	n.a.	T 16
F 17	7 4 17	17°45'12	9♓ 7	5°28	22° 2	20°58	0♉ 6	24° 3	15°36	26°56	29°33	5° 9	4°40	12°53	n.a.	F 17
S 18	7 8 14	18°45'34	23°18	6°43	23°15	21°25	0°20	24° 3	15°35	26°57	29°32	5° 4	4°36	13° 0	n.a.	S 18
S 19	7 12 10	19°45'53	7♈28	7°51	24°27	21°52	0°34	24° 2	15°35	26°58	29°31	5° 2	4°33	13° 7	n.a.	S 19
M20	7 16 7	20°46'11	21°34	8°52	25°40	22°20	0°48	24° 1	15°34	26°58	29°30	5°D 1	4°30	13°13	n.a.	M20
T 21	7 20 3	21°46'26	5♉37	9°46	26°52	22°48	1° 2	24° 0	15°33	26°59	29°29	5°R 1	4°27	13°20	n.a.	T 21
W22	7 24 0	22°46'38	19°35	10°31	28° 5	23°16	1°16	23°59	15°33	26°59	29°27	5° 1	4°24	13°27	n.a.	W22
T 23	7 27 56	23°46'49	3♊28	11° 7	29°17	23°44	1°29	23°58	15°32	27° 0	29°26	4°58	4°21	13°33	n.a.	T 23
F 24	7 31 53	24°46'57	17°15	11°35	0♓29	24°12	1°43	23°57	15°32	27° 0	29°25	4°53	4°17	13°40	n.a.	F 24
S 25	7 35 49	25°47'04	0♋53	11°53	1°41	24°40	1°57	23°56	15°31	27° 1	29°24	4°44	4°14	13°47	n.a.	S 25
S 26	7 39 46	26°47'08	14°21	12°R 2	2°53	25° 9	2°10	23°54	15°31	27° 1	29°22	4°33	4°11	13°53	n.a.	S 26
M27	7 43 43	27°47'10	27°36	12° 1	4° 5	25°38	2°24	23°53	15°31	27° 2	29°21	4°20	4° 8	14° 0	n.a.	M27
T 28	7 47 39	28°47'10	10♌37	11°51	5°17	26° 7	2°37	23°51	15°30	27° 2	29°20	4° 7	4° 5	14° 7	n.a.	T 28
W29	7 51 36	29°47'08	23°21	11°32	6°29	26°36	2°51	23°50	15°30	27° 2	29°18	3°54	4° 2	14°13	n.a.	W29
T 30	7 55 32	0♒47'04	5♍48	11° 5	7°40	27° 5	3° 4	23°48	15°30	27° 3	29°17	3°43	3°58	14°20	n.a.	T 30
F 31	7 59 29	1♒46'58	18♍ 1	10♒30	8♓52	27♈34	3♉18	23♍46	15♉30	27♎ 3	29♌15	3♉34	3♉55	14♎27	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23s48	21n17	5n 2	25s25	1s54	21s27	1s36	6n48	1n11	24s 5	0s19	4n49	2n36	16n43	0s 9	8s39	1n56	27n41	17n12	13n56	13n34	2s31			n.a.
T 2	23 47	16 49	4 45	25 14	1 50	21 9	1 35	6 58	1 12	24 6	0 19	4 49	2 36	16 42	0 9	8 39	1 56	27 42	17 13	13 53	13 33	2 34			n.a.
F 3	23 46	11 47	4 15	25 1	1 47	20 50	1 33	7 8	1 12	24 6	0 20	4 48	2 37	16 42	0 9	8 39	1 56	27 43	17 13	13 52	13 32	2 37			n.a.
S 4	23 44	6 24	3 34	24 46	1 42	20 30	1 32	7 18	1 13	24 7	0 20	4 48	2 37	16 42	0 9	8 40	1 56	27 43	17 14	13 51	13 31	2 41			n.a.
S 5	23 42	0 51	2 44	24 29	1 37	20 10	1 31	7 27	1 13	24 7	0 20	4 48	2 37	16 41	0 9	8 40	1 56	27 44	17 14	13 50	13 30	2 44			n.a.
M 6	23 39	4s42	1 47	24 9	1 31	19 49	1 30	7 37	1 14	24 7	0 20	4 48	2 38	16 41	0 9	8 40	1 56	27 45	17 15	13 50	13 28	2 47			n.a.
T 7	23 35	10 7	0 46	23 48	1 25	19 28	1 28	7 47	1 14	24 8	0 20	4 48	2 38	16 40	0 9	8 41	1 57	27 46	17 15	13 51	13 27	2 51			n.a.
W 8	23 32	15 13	0s18	23 24	1 18	19 6	1 27	7 58	1 15	24 8	0 20	4 48	2 38	16 40	0 9	8 41	1 57	27 47	17 16	13 51	13 26	2 54			n.a.
T 9	23 27	19 49	1 22	22 59	1 9	18 44	1 25	8 8	1 16	24 8	0 20	4 49	2 38	16 40	0 9	8 41	1 57	27 47	17 16	13 50	13 25	2 58			n.a.
F 10	23 23	23 39	2 23	22 32	1 1	18 21	1 23	8 18	1 16	24 9	0 20	4 49	2 39	16 39	0 9	8 42	1 57	27 48	17 17	13 49	13 24	3 1			n.a.
S 11	23 17	26 27	3 18	22 3	0 51	17 58	1 22	8 28	1 17	24 9	0 20	4 49	2 39	16 39	0 9	8 42	1 57	27 49	17 17	13 47	13 23	3 4			n.a.
S 12	23 12	27 54	4 5	21 33	0 41	17 34	1 20	8 39	1 17	24 9	0 21	4 49	2 39	16 39	0 9	8 42	1 57	27 50	17 18	13 44	13 22	3 8			n.a.
M13	23 6	27 46	4 39	21 2	0 29	17 10	1 18	8 49	1 17	24 9	0 21	4 49	2 40	16 38	0 9	8 42	1 57	27 50	17 18	13 40	13 21	3 11			n.a.
T 14	22 59	25 58	4 59	20 29	0 17	16 45	1 16	9 0	1 18	24 10	0 21	4 50	2 40	16 38	0 9	8 43	1 57	27 51	17 19	13 36	13 20	3 15			n.a.
W15	22 52	22 35	5 1	19 56	0 5	16 20	1 14	9 10	1 18	24 10	0 21	4 50	2 40	16 38	0 9	8 43	1 57	27 52	17 19	13 32	13 19	3 18			n.a.
T 16	22 45	17 51	4 44	19 23	0n 9	15 55	1 12	9 21	1 19	24 10	0 21	4 50	2 40	16 38	0 9	8 43	1 57	27 53	17 20	13 29	13 18	3 21			n.a.
F 17	22 37	12 8	4 11	18 50	0 23	15 29	1 9	9 32	1 19	24 10	0 21	4 51	2 41	16 37	0 9	8 43	1 57	27 54	17 20	13 26	13 17	3 25			n.a.
S 18	22 29	5 47	3 22	18 17	0 37	15 2	1 7	9 42	1 20	24 10	0 21	4 51	2 41	16 37	0 9	8 44	1 57	27 55	17 20	13 25	13 15	3 28			n.a.
S 19	22 20	0n52	2 21	17 45	0 52	14 36	1 5	9 53	1 20	24 10	0 21	4 52	2 41	16 37	0 9	8 44	1 57	27 55	17 21	13 24	13 14	3 31			n.a.
M20	22 11	7 27	1 11	17 14	1 8	14 9	1 2	10 4	1 20	24 10	0 22	4 52	2 41	16 37	0 9	8 44	1 57	27 56	17 21	13 24	13 13	3 35			n.a.
T 21	22 1	13 39	0n 3	16 45	1 24	13 41	1 0	10 15	1 21	24 10	0 22	4 53	2 42	16 37	0 9	8 44	1 57	27 57	17 22	13 24	13 12	3 38			n.a.
W22	21 51	19 8	1 16	16 17	1 39	13 13	0 57	10 26	1 21	24 10	0 22	4 54	2 42	16 37	0 9	8 44	1 57	27 58	17 22	13 24	13 11	3 42			n.a.
T 23	21 41	23 32	2 24	15 52	1 55	12 45	0 55	10 37	1 21	24 10	0 22	4 54	2 42	16 36	0 9	8 44	1 58	27 59	17 22	13 23	13 10	3 45			n.a.
F 24	21 30	26 34	3 23	15 29	2 11	12 17	0 52	10 47	1 22	24 10	0 22	4 55	2 43	16 36	0 9	8 44	1 58	27 59	17 23	13 21	13 9	3 48			n.a.
S 25	21 19	27 59	4 10	15 10	2 26	11 48	0 49	10 58	1 22	24 10	0 22	4 56	2 43	16 36	0 9	8 45	1 58	28 0	17 23	13 18	13 8	3 52			n.a.
S 26	21 8	27 42	4 42	14 53	2 40	11 19	0 46	11 9	1 22	24 10	0 22	4 57	2 43	16 36	0 9	8 45	1 58	28 1	17 23	13 14	13 7	3 55			n.a.
M27	20 56	25 50	4 58	14 40	2 54	10 50	0 44	11 20	1 23	24 10	0 22	4 57	2 43	16 36	0 9	8 45	1 58	28 2	17 24	13 10	13 6	3 58			n.a.
T 28	20 44	22 37	4 58	14 31	3 7	10 21	0 41	11 31	1 23	24 10	0 23	4 58	2 44	16 36	0 9	8 45	1 58	28 3	17 24	13 5	13 5	4 2			n.a.
W29	20 31	18 24	4 43	14 25	3 19	9 51	0 38	11 42	1 23	24 10	0 23	4 59	2 44	16 36	0 9	8 45	1 58	28 4	17 24	13 1	13 4	4 5			n.a.
T 30	20 18	13 28	4 15	14 22	3 29	9 21	0 34	11 53	1 24	24 10	0 23	5 0	2 44	16 36	0 9	8 45	1 58	28 4	17 25	12 57	13 2	4 9			n.a.
F 31	20s 4	8n 6	3n35	14s24	3n37	8s51	0s31	12n 4	1n24	24s 9	0s23	5n 1	2n44	16n36	0s 9	8s45	1n58	28n 5	17n25	12n54	13n 1	4s12			n.a.

Julian Day Number = 1358729.5, Delta T = 07h00m51s
Ecliptic obliquity = 23°48'56, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°47'04, Lahiri = -17°40'04 Julian Calendar 1 Jan. 993 BCE == Greg. Calendar 23 Dec. 994 BCE

The year -992 astronomical counting style corresponds to year 993 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 993 BCE
geocentric

FEBRUARY 993 BCE (-992) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 3 25	2♒46'50	0♎ 1	9°R48	10♓ 3	28♈ 4	3♑31	23°R44	15°R30	27♎ 3	29°R14	3°R28	3♉52	14♎33	n.a.	S 1
S 2	8 7 22	3°46'40	11°53	9♒ 1	11°15	28°34	3°44	23♍42	15°D30	27° 3	29♌13	3♉25	3°49	14°40	n.a.	S 2
M 3	8 11 18	4°46'28	23°41	8° 9	12°26	29° 3	3°58	23°40	15♉30	27° 3	29°11	3°24	3°46	14°47	n.a.	M 3
T 4	8 15 15	5°46'15	5♏31	7°14	13°37	29°33	4°11	23°38	15°30	27° 3	29°10	3°24	3°42	14°53	n.a.	T 4
W 5	8 19 12	6°46'00	17°27	6°16	14°48	0♉ 3	4°24	23°36	15°30	27° 4	29° 8	3°24	3°39	15° 0	n.a.	W 5
T 6	8 23 8	7°45'42	29°36	5°18	15°59	0°34	4°37	23°33	15°30	27° 4	29° 7	3°22	3°36	15° 7	n.a.	T 6
F 7	8 27 5	8°45'23	12♐ 2	4°21	17°10	1° 4	4°50	23°31	15°31	27°R 4	29° 5	3°19	3°33	15°13	n.a.	F 7
S 8	8 31 1	9°45'03	24°50	3°25	18°21	1°35	5° 3	23°28	15°31	27° 4	29° 4	3°13	3°30	15°20	n.a.	S 8
S 9	8 34 58	10°44'40	8♑ 2	2°32	19°31	2° 5	5°16	23°25	15°31	27° 4	29° 2	3° 4	3°27	15°26	n.a.	S 9
M10	8 38 54	11°44'15	21°39	1°43	20°42	2°36	5°29	23°23	15°32	27° 3	29° 0	2°53	3°23	15°33	n.a.	M10
T 11	8 42 51	12°43'48	5♒39	0°58	21°52	3° 7	5°42	23°20	15°32	27° 3	28°59	2°41	3°20	15°40	n.a.	T 11
W12	8 46 47	13°43'19	19°57	0°18	23° 3	3°38	5°54	23°17	15°33	27° 3	28°57	2°29	3°17	15°46	n.a.	W12
T 13	8 50 44	14°42'48	4♓28	29♑44	24°13	4° 9	6° 7	23°14	15°33	27° 3	28°56	2°18	3°14	15°53	n.a.	T 13
F 14	8 54 41	15°42'14	19° 4	29°16	25°23	4°40	6°20	23°11	15°34	27° 3	28°54	2°10	3°11	16° 0	n.a.	F 14
S 15	8 58 37	16°41'38	3♈38	28°53	26°33	5°12	6°32	23° 8	15°35	27° 3	28°52	2° 5	3° 8	16° 6	n.a.	S 15
S 16	9 2 34	17°40'59	18° 6	28°37	27°43	5°43	6°45	23° 5	15°35	27° 2	28°51	2° 2	3° 4	16°13	n.a.	S 16
M17	9 6 30	18°40'18	2♉24	28°27	28°52	6°15	6°57	23° 1	15°36	27° 2	28°49	2°D 2	3° 1	16°20	n.a.	M17
T 18	9 10 27	19°39'35	16°29	28°D22	0♈ 2	6°46	7° 9	22°58	15°37	27° 2	28°48	2°R 2	2°58	16°26	n.a.	T 18
W19	9 14 23	20°38'49	0♊21	28°24	1°11	7°18	7°21	22°55	15°38	27° 1	28°46	2° 2	2°55	16°33	n.a.	W19
T 20	9 18 20	21°38'01	14° 1	28°30	2°20	7°50	7°34	22°51	15°39	27° 1	28°44	2° 0	2°52	16°40	n.a.	T 20
F 21	9 22 16	22°37'10	27°28	28°43	3°29	8°22	7°46	22°48	15°40	27° 0	28°43	1°55	2°48	16°46	n.a.	F 21
S 22	9 26 13	23°36'17	10♋44	29° 0	4°38	8°54	7°58	22°44	15°41	27° 0	28°41	1°48	2°45	16°53	n.a.	S 22
S 23	9 30 9	24°35'21	23°49	29°23	5°47	9°26	8°10	22°40	15°42	26°59	28°39	1°39	2°42	17° 0	n.a.	S 23
M24	9 34 6	25°34'23	6♌42	29°50	6°56	9°58	8°22	22°37	15°43	26°59	28°38	1°28	2°39	17° 6	n.a.	M24
T 25	9 38 3	26°33'23	19°22	0♒21	8° 4	10°31	8°33	22°33	15°44	26°58	28°36	1°16	2°36	17°13	n.a.	T 25
W26	9 41 59	27°32'20	1♍50	0°57	9°13	11° 3	8°45	22°29	15°46	26°58	28°34	1° 4	2°33	17°20	n.a.	W26
T 27	9 45 56	28°31'16	14° 7	1°36	10°21	11°36	8°57	22°25	15°47	26°57	28°33	0°55	2°29	17°26	n.a.	T 27
F 28	9 49 52	29°30'09	26°12	2°20	11°29	12° 8	9° 8	22°21	15°48	26°56	28°31	0°47	2°26	17°33	n.a.	F 28
S 29	9 53 49	0♓29'00	8♎ 8	3♒ 7	12♈37	12♉41	9♑20	22♍17	15♉50	26♎56	28♌29	0♉42	2♉23	17♎40	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s51	2n32	2n47	14s28	3n44	8s21	0s28	12n15	1n24	24s 9	0s23	5n 2	2n45	16n36	0s 9	8s45	1n58	28n 6	17n25	12n52	13n 0	4s15		n.a.
S 2	19 37	3s 4	1 51	14 36	3 49	7 51	0 25	12 26	1 24	24 9	0 23	5 3	2 45	16 36	0 9	8 45	1 58	28 7	17 26	12 51	12 59	4 19		n.a.
M 3	19 22	8 33	0 51	14 47	3 52	7 20	0 22	12 37	1 25	24 9	0 23	5 4	2 45	16 36	0 9	8 45	1 58	28 8	17 26	12 51	12 58	4 22		n.a.
T 4	19 7	13 45	0s11	15 0	3 53	6 49	0 18	12 49	1 25	24 8	0 24	5 5	2 45	16 36	0 9	8 45	1 58	28 8	17 26	12 51	12 57	4 25		n.a.
W 5	18 52	18 29	1 14	15 16	3 52	6 18	0 15	13 0	1 25	24 8	0 24	5 7	2 46	16 36	0 9	8 45	1 58	28 9	17 27	12 50	12 56	4 29		n.a.
T 6	18 37	22 34	2 14	15 33	3 48	5 47	0 11	13 11	1 25	24 8	0 24	5 8	2 46	16 36	0 9	8 45	1 58	28 10	17 27	12 50	12 55	4 32		n.a.
F 7	18 21	25 43	3 9	15 52	3 43	5 16	0 8	13 22	1 25	24 8	0 24	5 9	2 46	16 36	0 9	8 45	1 58	28 11	17 27	12 49	12 54	4 36		n.a.
S 8	18 5	27 39	3 57	16 12	3 36	4 45	0 4	13 33	1 26	24 7	0 24	5 10	2 46	16 36	0 9	8 45	1 59	28 12	17 27	12 47	12 53	4 39		n.a.
S 9	17 49	28 6	4 33	16 32	3 28	4 13	0 1	13 44	1 26	24 7	0 24	5 11	2 46	16 36	0 9	8 45	1 59	28 12	17 28	12 44	12 51	4 42		n.a.
M10	17 32	26 54	4 55	16 53	3 18	3 42	0n 3	13 55	1 26	24 6	0 24	5 13	2 47	16 37	0 9	8 45	1 59	28 13	17 28	12 40	12 50	4 46		n.a.
T 11	17 15	24 0	5 0	17 13	3 7	3 10	0 7	14 5	1 26	24 6	0 25	5 14	2 47	16 37	0 9	8 44	1 59	28 14	17 28	12 36	12 49	4 49		n.a.
W12	16 58	19 35	4 47	17 34	2 55	2 39	0 10	14 16	1 26	24 6	0 25	5 15	2 47	16 37	0 9	8 44	1 59	28 15	17 28	12 31	12 48	4 52		n.a.
T 13	16 41	13 58	4 15	17 54	2 42	2 7	0 14	14 27	1 27	24 5	0 25	5 17	2 47	16 37	0 9	8 44	1 59	28 16	17 28	12 28	12 47	4 56		n.a.
F 14	16 23	7 33	3 27	18 13	2 28	1 35	0 18	14 38	1 27	24 5	0 25	5 18	2 48	16 37	0 9	8 44	1 59	28 16	17 28	12 25	12 46	4 59		n.a.
S 15	16 5	0 44	2 24	18 31	2 14	1 4	0 22	14 49	1 27	24 4	0 25	5 20	2 48	16 37	0 9	8 44	1 59	28 17	17 29	12 23	12 45	5 3		n.a.
S 16	15 46	6n 5	1 13	18 48	2 0	0 32	0 26	15 0	1 27	24 4	0 25	5 21	2 48	16 38	0 9	8 44	1 59	28 18	17 29	12 22	12 44	5 6		n.a.
M17	15 28	12 31	0n 2	19 5	1 45	0 0	0 29	15 11	1 27	24 3	0 25	5 23	2 48	16 38	0 9	8 44	1 59	28 19	17 29	12 22	12 43	5 9		n.a.
T 18	15 9	18 14	1 16	19 20	1 31	0n31	0 33	15 22	1 27	24 3	0 26	5 24	2 48	16 38	0 9	8 43	1 59	28 19	17 29	12 22	12 42	5 13		n.a.
W19	14 50	22 54	2 24	19 33	1 17	1 3	0 37	15 32	1 27	24 2	0 26	5 26	2 48	16 39	0 9	8 43	1 59	28 20	17 29	12 22	12 40	5 16		n.a.
T 20	14 31	26 12	3 23	19 46	1 2	1 34	0 41	15 43	1 28	24 2	0 26	5 27	2 49	16 39	0 9	8 43	1 59	28 21	17 29	12 21	12 39	5 19		n.a.
F 21	14 11	27 58	4 10	19 57	0 49	2 6	0 45	15 54	1 28	24 1	0 26	5 29	2 49	16 39	0 8	8 43	1 59	28 21	17 29	12 20	12 38	5 23		n.a.
S 22	13 52	28 4	4 43	20 7	0 35	2 37	0 49	16 4	1 28	24 1	0 26	5 30	2 49	16 39	0 8	8 43	1 59	28 22	17 30	12 17	12 37	5 26		n.a.
S 23	13 32	26 36	5 0	20 15	0 22	3 9	0 53	16 15	1 28	24 0	0 26	5 32	2 49	16 40	0 8	8 42	1 59	28 23	17 30	12 14	12 36	5 29		n.a.
M24	13 12	23 44	5 1	20 22	0 9	3 40	0 57	16 25	1 28	23 59	0 27	5 34	2 49	16 40	0 8	8 42	1 59	28 24	17 30	12 10	12 35	5 33		n.a.
T 25	12 51	19 47	4 48	20 27	0s 4	4 11	1 1	16 36	1 28	23 59	0 27	5 35	2 49	16 41	0 8	8 42	2 0	28 24	17 30	12 6	12 34	5 36		n.a.
W26	12 31	15 2	4 21	20 31	0 16	4 42	1 6	16 46	1 28	23 58	0 27	5 37	2 50	16 41	0 8	8 42	2 0	28 25	17 30	12 2	12 33	5 40		n.a.
T 27	12 10	9 45	3 42	20 33	0 27	5 13	1 10	16 57	1 28	23 58	0 27	5 39	2 50	16 41	0 8	8 41	2 0	28 26	17 30	11 58	12 32	5 43		n.a.
F 28	11 50	4 10	2 53	20 34	0 38	5 44	1 14	17 7	1 28	23 57	0 27	5 40	2 50	16 42	0 8	8 41	2 0	28 26	17 30	11 56	12 31	5 46		n.a.
S 29	11s28	1s29	1n57	20s34	0s49	6n15	1n18	17n17	1n28	23s56	0s27	5n42	2n50	16n42	0s 8	8s41	2n 0	28n27	17n30	11n54	12n29	5s50		n.a.

Julian Day Number = 1358760.5, Delta T = 07h00m50s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°47'00, Lahiri = -17°40'00 Julian Calendar 1 Feb. 993 BCE == Greg. Calendar 23 Jan. 993 BCE

The year -992 astronomical counting style corresponds to year 993 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 993 BCE
geocentric

MARCH 993 BCE (-992) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 57 45	1♓27'49	19♎58	3♒57	13♈44	13♉14	9♑31	22°R13	15♉51	26°R55	28°R28	0°R39	2♉20	17♎46	n.a.	S 1
M 2	10 1 42	2°26'36	1♏45	4°50	14°52	13°46	9°42	22♍ 9	15°53	26♎54	28♌26	0°D38	2°17	17°53	n.a.	M 2
T 3	10 5 38	3°25'22	13°34	5°47	15°59	14°19	9°53	22° 5	15°54	26°54	28°24	0♉39	2°14	17°59	n.a.	T 3
W 4	10 9 35	4°24'05	25°30	6°46	17° 6	14°52	10° 4	22° 1	15°56	26°53	28°23	0°40	2°10	18° 6	n.a.	W 4
T 5	10 13 31	5°22'47	7♐38	7°48	18°13	15°25	10°15	21°57	15°57	26°52	28°21	0°R40	2° 7	18°13	n.a.	T 5
F 6	10 17 28	6°21'27	20° 2	8°53	19°19	15°58	10°26	21°53	15°59	26°51	28°19	0°39	2° 4	18°19	n.a.	F 6
S 7	10 21 25	7°20'05	2♑49	10° 0	20°26	16°31	10°37	21°48	16° 1	26°50	28°18	0°36	2° 1	18°26	n.a.	S 7
S 8	10 25 21	8°18'42	16° 2	11°10	21°32	17° 5	10°48	21°44	16° 3	26°49	28°16	0°31	1°58	18°33	n.a.	S 8
M 9	10 29 18	9°17'16	29°42	12°22	22°38	17°38	10°58	21°40	16° 4	26°48	28°14	0°24	1°54	18°39	n.a.	M 9
T 10	10 33 14	10°15'49	13♒49	13°37	23°44	18°11	11° 9	21°35	16° 6	26°47	28°13	0°17	1°51	18°46	n.a.	T 10
W11	10 37 11	11°14'19	28°20	14°53	24°50	18°45	11°19	21°31	16° 8	26°46	28°11	0° 9	1°48	18°53	n.a.	W11
T 12	10 41 7	12°12'48	13♓ 8	16°12	25°55	19°18	11°29	21°26	16°10	26°45	28°10	0° 2	1°45	18°59	n.a.	T 12
F 13	10 45 4	13°11'15	28° 5	17°32	27° 1	19°52	11°40	21°22	16°12	26°44	28° 8	29♈56	1°42	19° 6	n.a.	F 13
S 14	10 49 0	14° 9'39	13♈ 3	18°55	28° 6	20°26	11°50	21°18	16°14	26°43	28° 6	29°53	1°39	19°13	n.a.	S 14
S 15	10 52 57	15° 8'02	27°53	20°19	29°10	20°59	11°59	21°13	16°16	26°42	28° 5	29°D52	1°35	19°19	n.a.	S 15
M16	10 56 54	16° 6'22	12♉29	21°46	0♉15	21°33	12° 9	21° 9	16°18	26°41	28° 3	29°52	1°32	19°26	n.a.	M16
T 17	11 0 50	17° 4'40	26°47	23°14	1°19	22° 7	12°19	21° 4	16°21	26°40	28° 2	29°54	1°29	19°33	n.a.	T 17
W18	11 4 47	18° 2'56	10♊46	24°44	2°23	22°41	12°29	21° 0	16°23	26°39	28° 0	29°55	1°26	19°39	n.a.	W18
T 19	11 8 43	19° 1'09	24°25	26°16	3°27	23°15	12°38	20°55	16°25	26°38	27°59	29°R55	1°23	19°46	n.a.	T 19
F 20	11 12 40	19°59'21	7♋45	27°50	4°30	23°49	12°47	20°51	16°27	26°36	27°57	29°53	1°19	19°53	n.a.	F 20
S 21	11 16 36	20°57'30	20°49	29°26	5°33	24°23	12°57	20°46	16°30	26°35	27°56	29°50	1°16	19°59	n.a.	S 21
S 22	11 20 33	21°55'38	3♌37	1♓ 4	6°36	24°57	13° 6	20°42	16°32	26°34	27°54	29°45	1°13	20° 6	n.a.	S 22
M23	11 24 29	22°53'43	16°12	2°43	7°39	25°31	13°15	20°37	16°34	26°33	27°53	29°39	1°10	20°12	n.a.	M23
T 24	11 28 26	23°51'46	28°35	4°24	8°41	26° 6	13°24	20°33	16°37	26°31	27°51	29°33	1° 7	20°19	n.a.	T 24
W25	11 32 23	24°49'47	10♍48	6° 7	9°43	26°40	13°32	20°28	16°39	26°30	27°50	29°27	1° 4	20°26	n.a.	W25
T 26	11 36 19	25°47'46	22°51	7°52	10°44	27°14	13°41	20°24	16°42	26°29	27°48	29°22	1° 0	20°32	n.a.	T 26
F 27	11 40 16	26°45'43	4♎48	9°38	11°45	27°49	13°49	20°19	16°44	26°27	27°47	29°18	0°57	20°39	n.a.	F 27
S 28	11 44 12	27°43'39	16°39	11°26	12°46	28°23	13°58	20°15	16°47	26°26	27°45	29°15	0°54	20°46	n.a.	S 28
S 29	11 48 9	28°41'33	28°27	13°17	13°47	28°58	14° 6	20°10	16°50	26°25	27°44	29°D15	0°51	20°52	n.a.	S 29
M30	11 52 5	29°39'26	10♏14	15° 9	14°47	29°32	14°14	20° 6	16°52	26°23	27°43	29°15	0°48	20°59	n.a.	M30
T 31	11 56 2	0♈37'17	22♏ 5	17♓ 3	15♉47	0♊ 7	14♑22	20♍ 1	16♉55	26♎22	27♌41	29♈17	0♉45	21♎ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 7	7s 3	0n57	20s31	0s59	6n45	1n22	17n27	1n28	23s56	0s28	5n44	2n50	16n43	0s 8	8s40	2n 0	28n28	17n30	11n53	12n28	5s53		n.a.
M 2	10 46	12 22	0s 6	20 28	1 8	7 16	1 26	17 38	1 28	23 55	0 28	5 46	2 50	16 43	0 8	8 40	2 0	28 28	17 30	11 53	12 27	5 56		n.a.
T 3	10 24	17 15	1 9	20 22	1 17	7 46	1 30	17 48	1 28	23 54	0 28	5 47	2 50	16 44	0 8	8 40	2 0	28 29	17 30	11 53	12 26	6 0		n.a.
W 4	10 3	21 32	2 9	20 15	1 26	8 16	1 34	17 58	1 29	23 54	0 28	5 49	2 51	16 44	0 8	8 39	2 0	28 29	17 30	11 53	12 25	6 3		n.a.
T 5	9 41	24 58	3 5	20 7	1 34	8 45	1 38	18 8	1 29	23 53	0 28	5 51	2 51	16 44	0 8	8 39	2 0	28 30	17 30	11 53	12 24	6 6		n.a.
F 6	9 19	27 19	3 54	19 57	1 41	9 15	1 42	18 17	1 29	23 52	0 29	5 53	2 51	16 45	0 8	8 39	2 0	28 31	17 30	11 53	12 23	6 10		n.a.
S 7	8 57	28 19	4 32	19 45	1 48	9 44	1 46	18 27	1 29	23 52	0 29	5 55	2 51	16 46	0 8	8 38	2 0	28 31	17 30	11 52	12 22	6 13		n.a.
S 8	8 35	27 45	4 57	19 32	1 54	10 13	1 50	18 37	1 29	23 51	0 29	5 56	2 51	16 46	0 8	8 38	2 0	28 32	17 30	11 50	12 21	6 16		n.a.
M 9	8 13	25 32	5 7	19 17	2 0	10 42	1 54	18 47	1 29	23 50	0 29	5 58	2 51	16 47	0 8	8 38	2 0	28 32	17 30	11 48	12 19	6 20		n.a.
T 10	7 50	21 42	4 59	19 0	2 6	11 11	1 58	18 56	1 29	23 50	0 29	6 0	2 51	16 47	0 8	8 37	2 0	28 33	17 30	11 45	12 18	6 23		n.a.
W11	7 28	16 28	4 31	18 42	2 10	11 39	2 2	19 6	1 29	23 49	0 29	6 2	2 51	16 48	0 8	8 37	2 0	28 33	17 29	11 42	12 17	6 27		n.a.
T 12	7 5	10 11	3 45	18 22	2 14	12 7	2 6	19 15	1 29	23 48	0 30	6 4	2 51	16 48	0 8	8 36	2 0	28 34	17 29	11 39	12 16	6 30		n.a.
F 13	6 42	3 16	2 43	18 0	2 18	12 35	2 10	19 24	1 29	23 47	0 30	6 5	2 51	16 49	0 8	8 36	2 0	28 34	17 29	11 38	12 15	6 33		n.a.
S 14	6 20	3n51	1 30	17 37	2 21	13 2	2 14	19 34	1 29	23 47	0 30	6 7	2 51	16 50	0 8	8 36	2 0	28 35	17 29	11 36	12 14	6 37		n.a.
S 15	5 57	10 43	0 11	17 13	2 24	13 29	2 18	19 43	1 29	23 46	0 30	6 9	2 51	16 50	0 8	8 35	2 1	28 35	17 29	11 36	12 13	6 40		n.a.
M16	5 34	16 54	1n 8	16 46	2 26	13 56	2 21	19 52	1 29	23 45	0 30	6 11	2 51	16 51	0 8	8 35	2 1	28 36	17 29	11 36	12 12	6 43		n.a.
T 17	5 11	22 1	2 21	16 18	2 27	14 23	2 25	20 1	1 29	23 45	0 31	6 13	2 52	16 51	0 8	8 34	2 1	28 36	17 29	11 37	12 10	6 47		n.a.
W18	4 48	25 46	3 23	15 48	2 28	14 49	2 29	20 10	1 29	23 44	0 31	6 15	2 52	16 52	0 8	8 34	2 1	28 37	17 29	11 37	12 9	6 50		n.a.
T 19	4 25	27 55	4 13	15 17	2 29	15 14	2 32	20 18	1 29	23 43	0 31	6 16	2 52	16 53	0 8	8 33	2 1	28 37	17 28	11 37	12 8	6 53		n.a.
F 20	4 1	28 22	4 48	14 44	2 29	15 40	2 36	20 27	1 29	23 42	0 31	6 18	2 52	16 53	0 8	8 33	2 1	28 37	17 28	11 37	12 7	6 57		n.a.
S 21	3 38	27 13	5 7	14 9	2 28	16 5	2 40	20 36	1 29	23 42	0 31	6 20	2 52	16 54	0 8	8 32	2 1	28 38	17 28	11 35	12 6	7 0		n.a.
S 22	3 15	24 40	5 10	13 33	2 27	16 29	2 43	20 44	1 29	23 41	0 32	6 22	2 52	16 55	0 8	8 32	2 1	28 38	17 28	11 34	12 5	7 3		n.a.
M23	2 52	20 57	4 58	12 55	2 25	16 54	2 46	20 53	1 29	23 40	0 32	6 24	2 52	16 56	0 8	8 31	2 1	28 38	17 28	11 32	12 4	7 7		n.a.
T 24	2 28	16 23	4 32	12 15	2 23	17 17	2 50	21 1	1 29	23 40	0 32	6 26	2 52	16 56	0 8	8 31	2 1	28 39	17 27	11 29	12 3	7 10		n.a.
W25	2 5	11 14	3 54	11 34	2 20	17 41	2 53	21 9	1 29	23 39	0 32	6 27	2 52	16 57	0 8	8 30	2 1	28 39	17 27	11 27	12 1	7 13		n.a.
T 26	1 42	5 43	3 6	10 51	2 16	18 4	2 56	21 17	1 29	23 38	0 32	6 29	2 52	16 58	0 8	8 30	2 1	28 39	17 27	11 25	12 0	7 17		n.a.
F 27	1 18	0 3	2 10	10 7	2 12	18 26	3 0	21 25	1 29	23 38	0 33	6 31	2 52	16 59	0 8	8 29	2 1	28 40	17 27	11 24	11 59	7 20		n.a.
S 28	0 55	5s36	1 8	9 21	2 8	18 48	3 3	21 33	1 28	23 37	0 33	6 33	2 52	16 59	0 8	8 29	2 1	28 40	17 26	11 23	11 58	7 23		n.a.
S 29	0 32	11 1	0 4	8 33	2 3	19 10	3 6	21 41	1 28	23 36	0 33	6 34	2 52	17 0	0 8	8 28	2 1	28 40	17 26	11 23	11 57	7 27		n.a.
M30	0 8	16 4	1s 0	7 44	1 57	19 31	3 8	21 48	1 28	23 36	0 33	6 36	2 52	17 1	0 8	8 28	2 1	28 41	17 26	11 23	11 56	7 30		n.a.
T 31	0n15	20s32	2s 2	6s53	1s51	19n52	3n11	21n56	1n28	23s35	0s33	6n38	2n51	17n 2	0s 8	8s27	2n 1	28n41	17n26	11n23	11n55	7s33		n.a.

Julian Day Number = 1358789.5, Delta T = 07h00m48s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°46'56, Lahiri = -17°39'56 Julian Calendar 1 March 993 BCE == Greg. Calendar 21 Feb. 993 BCE

The year -992 astronomical counting style corresponds to year 993 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 993 BCE
geocentric

APRIL 993 BCE (-992) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 59 58	1♈35'07	4♐ 2	18♓58	16♉46	0♊41	14♑30	19°R57	16♉58	26°R21	27°R40	29♈18	0♉41	21♎12	n.a.	W 1
T 2	12 3 55	2°32'55	16°10	20°56	17°45	1°16	14°38	19♍53	17° 0	26♎19	27♌39	29°20	0°38	21°19	n.a.	T 2
F 3	12 7 51	3°30'42	28°34	22°55	18°43	1°51	14°45	19°48	17° 3	26°18	27°37	29°R21	0°35	21°26	n.a.	F 3
S 4	12 11 48	4°28'28	11♑19	24°56	19°42	2°25	14°52	19°44	17° 6	26°16	27°36	29°21	0°32	21°32	n.a.	S 4
S 5	12 15 45	5°26'12	24°27	26°58	20°39	3° 0	15° 0	19°40	17° 9	26°15	27°35	29°19	0°29	21°39	n.a.	S 5
M 6	12 19 41	6°23'56	8♒ 2	29° 2	21°37	3°35	15° 7	19°36	17°12	26°13	27°34	29°17	0°25	21°46	n.a.	M 6
T 7	12 23 38	7°21'38	22° 5	1♈ 8	22°33	4°10	15°14	19°31	17°15	26°12	27°33	29°15	0°22	21°52	n.a.	T 7
W 8	12 27 34	8°19'18	6♓34	3°15	23°30	4°45	15°21	19°27	17°18	26°10	27°31	29°12	0°19	21°59	n.a.	W 8
T 9	12 31 31	9°16'57	21°24	5°23	24°25	5°20	15°27	19°23	17°21	26° 9	27°30	29° 9	0°16	22° 5	n.a.	T 9
F 10	12 35 27	10°14'35	6♈29	7°32	25°21	5°55	15°34	19°19	17°24	26° 7	27°29	29° 7	0°13	22°12	n.a.	F 10
S 11	12 39 24	11°12'12	21°39	9°42	26°15	6°30	15°40	19°15	17°27	26° 6	27°28	29° 7	0°10	22°19	n.a.	S 11
S 12	12 43 20	12° 9'47	6♉45	11°53	27°10	7° 5	15°46	19°11	17°30	26° 4	27°27	29°D 7	0° 6	22°25	n.a.	S 12
M13	12 47 17	13° 7'21	21°39	14° 4	28° 3	7°40	15°52	19° 7	17°33	26° 2	27°26	29° 7	0° 3	22°32	n.a.	M13
T 14	12 51 14	14° 4'53	6♊14	16°15	28°56	8°16	15°58	19° 3	17°36	26° 1	27°25	29° 8	0° 0	22°39	n.a.	T 14
W15	12 55 10	15° 2'24	20°25	18°26	29°49	8°51	16° 4	18°59	17°39	25°59	27°24	29° 9	29♈57	22°45	n.a.	W15
T 16	12 59 7	15°59'53	4♋12	20°37	0♊41	9°26	16° 9	18°56	17°42	25°58	27°23	29°10	29°54	22°52	n.a.	T 16
F 17	13 3 3	16°57'21	17°34	22°47	1°32	10° 1	16°15	18°52	17°45	25°56	27°22	29°R10	29°51	22°59	n.a.	F 17
S 18	13 7 0	17°54'47	0♌35	24°56	2°22	10°37	16°20	18°48	17°49	25°55	27°21	29°10	29°47	23° 5	n.a.	S 18
S 19	13 10 56	18°52'12	13°15	27° 4	3°12	11°12	16°25	18°45	17°52	25°53	27°20	29° 9	29°44	23°12	n.a.	S 19
M20	13 14 53	19°49'36	25°40	29°10	4° 1	11°48	16°30	18°41	17°55	25°51	27°19	29° 8	29°41	23°19	n.a.	M20
T 21	13 18 49	20°46'57	7♍52	1♉14	4°49	12°23	16°35	18°38	17°58	25°50	27°18	29° 7	29°38	23°25	n.a.	T 21
W22	13 22 46	21°44'18	19°53	3°17	5°36	12°59	16°39	18°34	18° 2	25°48	27°18	29° 6	29°35	23°32	n.a.	W22
T 23	13 26 43	22°41'38	1♎48	5°18	6°23	13°34	16°43	18°31	18° 5	25°47	27°17	29° 5	29°31	23°38	n.a.	T 23
F 24	13 30 39	23°38'56	13°38	7°16	7° 9	14°10	16°48	18°28	18° 8	25°45	27°16	29° 5	29°28	23°45	n.a.	F 24
S 25	13 34 36	24°36'13	25°26	9°13	7°54	14°45	16°52	18°24	18°12	25°43	27°15	29°D 5	29°25	23°52	n.a.	S 25
S 26	13 38 32	25°33'30	7♏14	11° 6	8°38	15°21	16°55	18°21	18°15	25°42	27°15	29° 5	29°22	23°58	n.a.	S 26
M27	13 42 29	26°30'45	19° 5	12°58	9°21	15°57	16°59	18°18	18°18	25°40	27°14	29° 5	29°19	24° 5	n.a.	M27
T 28	13 46 25	27°28'00	1♐ 0	14°46	10° 3	16°33	17° 3	18°15	18°22	25°38	27°13	29° 5	29°16	24°12	n.a.	T 28
W29	13 50 22	28°25'14	13° 3	16°33	10°43	17° 8	17° 6	18°12	18°25	25°37	27°13	29° 5	29°12	24°18	n.a.	W29
T 30	13 54 18	29♈22'28	25♐17	18♉16	11♊23	17♊44	17♑ 9	18♍ 9	18♉28	25♎35	27♌12	29°R 5	29♈ 9	24♎25	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n38	24s13	3s 0	6s 1	1s44	20n12	3n14	22n 3	1n28	23s34	0s34	6n40	2n51	17n 2	0s 8	8s27	2n 1	28n41	17n25	11n24	11n54	7s37		n.a.
T 2	1 2	26 54	3 50	5 8	1 37	20 32	3 17	22 10	1 28	23 34	0 34	6 41	2 51	17 3	0 8	8 26	2 1	28 41	17 25	11 25	11 52	7 40		n.a.
F 3	1 25	28 19	4 31	4 13	1 29	20 51	3 19	22 18	1 28	23 33	0 34	6 43	2 51	17 4	0 8	8 26	2 1	28 41	17 25	11 25	11 51	7 43		n.a.
S 4	1 48	28 18	5 0	3 17	1 21	21 10	3 22	22 25	1 28	23 32	0 34	6 45	2 51	17 5	0 8	8 25	2 1	28 42	17 24	11 25	11 50	7 47		n.a.
S 5	2 12	26 43	5 14	2 20	1 13	21 28	3 24	22 32	1 28	23 32	0 35	6 46	2 51	17 6	0 8	8 24	2 1	28 42	17 24	11 24	11 49	7 50		n.a.
M 6	2 35	23 33	5 11	1 22	1 4	21 46	3 26	22 38	1 28	23 31	0 35	6 48	2 51	17 7	0 8	8 24	2 1	28 42	17 24	11 24	11 48	7 53		n.a.
T 7	2 58	18 56	4 50	0 22	0 54	22 3	3 28	22 45	1 28	23 31	0 35	6 49	2 51	17 7	0 8	8 23	2 1	28 42	17 23	11 23	11 47	7 57		n.a.
W 8	3 21	13 7	4 11	0n38	0 45	22 20	3 30	22 51	1 28	23 30	0 35	6 51	2 51	17 8	0 8	8 23	2 1	28 42	17 23	11 22	11 46	8 0		n.a.
T 9	3 44	6 25	3 13	1 39	0 35	22 36	3 32	22 58	1 28	23 30	0 35	6 53	2 51	17 9	0 8	8 22	2 1	28 42	17 23	11 21	11 45	8 3		n.a.
F 10	4 7	0n45	2 2	2 40	0 24	22 51	3 34	23 4	1 28	23 29	0 36	6 54	2 51	17 10	0 8	8 22	2 1	28 42	17 22	11 20	11 43	8 7		n.a.
S 11	4 30	7 56	0 41	3 41	0 14	23 6	3 36	23 10	1 27	23 28	0 36	6 56	2 51	17 11	0 8	8 21	2 1	28 42	17 22	11 20	11 42	8 10		n.a.
S 12	4 53	14 39	0n42	4 43	0 3	23 21	3 37	23 16	1 27	23 28	0 36	6 57	2 51	17 12	0 8	8 20	2 1	28 42	17 22	11 20	11 41	8 13		n.a.
M13	5 16	20 25	2 2	5 44	0n 7	23 35	3 38	23 22	1 27	23 27	0 36	6 59	2 50	17 13	0 8	8 20	2 1	28 42	17 21	11 20	11 40	8 17		n.a.
T 14	5 38	24 50	3 11	6 46	0 18	23 48	3 40	23 28	1 27	23 27	0 37	7 0	2 50	17 14	0 8	8 19	2 1	28 42	17 21	11 20	11 39	8 20		n.a.
W15	6 1	27 35	4 7	7 46	0 28	24 1	3 41	23 33	1 27	23 27	0 37	7 2	2 50	17 14	0 8	8 19	2 1	28 43	17 20	11 21	11 38	8 23		n.a.
T 16	6 23	28 32	4 47	8 46	0 38	24 13	3 42	23 39	1 27	23 26	0 37	7 3	2 50	17 15	0 8	8 18	2 1	28 42	17 20	11 21	11 37	8 27		n.a.
F 17	6 46	27 46	5 10	9 45	0 49	24 25	3 42	23 44	1 27	23 26	0 37	7 4	2 50	17 16	0 8	8 17	2 1	28 42	17 20	11 21	11 35	8 30		n.a.
S 18	7 8	25 29	5 17	10 42	0 58	24 36	3 43	23 49	1 27	23 25	0 38	7 6	2 50	17 17	0 8	8 17	2 1	28 42	17 19	11 21	11 34	8 33		n.a.
S 19	7 30	22 0	5 7	11 38	1 8	24 47	3 43	23 54	1 27	23 25	0 38	7 7	2 50	17 18	0 8	8 16	2 1	28 42	17 19	11 21	11 33	8 36		n.a.
M20	7 52	17 36	4 44	12 32	1 17	24 56	3 44	23 59	1 27	23 25	0 38	7 8	2 50	17 19	0 8	8 16	2 1	28 42	17 18	11 20	11 32	8 40		n.a.
T 21	8 14	12 34	4 8	13 25	1 25	25 6	3 44	24 4	1 26	23 24	0 38	7 9	2 49	17 20	0 8	8 15	2 1	28 42	17 18	11 20	11 31	8 43		n.a.
W22	8 36	7 8	3 21	14 15	1 33	25 15	3 44	24 8	1 26	23 24	0 39	7 11	2 49	17 21	0 8	8 15	2 1	28 42	17 18	11 20	11 30	8 46		n.a.
T 23	8 58	1 30	2 26	15 4	1 40	25 23	3 43	24 13	1 26	23 24	0 39	7 12	2 49	17 22	0 8	8 14	2 1	28 42	17 17	11 19	11 29	8 50		n.a.
F 24	9 19	4s10	1 25	15 50	1 47	25 30	3 43	24 17	1 26	23 23	0 39	7 13	2 49	17 23	0 8	8 13	2 1	28 42	17 17	11 19	11 28	8 53		n.a.
S 25	9 41	9 40	0 20	16 34	1 53	25 37	3 42	24 21	1 26	23 23	0 39	7 14	2 49	17 24	0 8	8 13	2 1	28 42	17 16	11 19	11 26	8 56		n.a.
S 26	10 2	14 51	0s45	17 16	1 59	25 44	3 41	24 25	1 26	23 23	0 40	7 15	2 49	17 25	0 8	8 12	2 1	28 42	17 16	11 19	11 25	9 0		n.a.
M27	10 23	19 30	1 49	17 56	2 3	25 49	3 40	24 29	1 26	23 23	0 40	7 16	2 48	17 26	0 8	8 12	2 1	28 41	17 15	11 19	11 24	9 3		n.a.
T 28	10 44	23 25	2 48	18 33	2 7	25 55	3 39	24 32	1 26	23 22	0 40	7 17	2 48	17 27	0 8	8 11	2 1	28 41	17 15	11 19	11 23	9 6		n.a.
W29	11 5	26 22	3 41	19 7	2 10	25 59	3 37	24 36	1 25	23 22	0 40	7 18	2 48	17 28	0 8	8 10	2 1	28 41	17 14	11 19	11 22	9 10		n.a.
T 30	11n25	28s 8	4s24	19n40	2n13	26n 3	3n35	24n39	1n25	23s22	0s41	7n19	2n48	17n29	0s 7	8s10	2n 1	28n41	17n14	11n19	11n21	9s13		n.a.

Julian Day Number = 1358820.5, Delta T = 07h00m47s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°46'52, Lahiri = -17°39'52 Julian Calendar 1 Apr. 993 BCE == Greg. Calendar 23 March 993 BCE

The year -992 astronomical counting style corresponds to year 993 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 993 BCE
geocentric

MAY 993 BCE (-992) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 58 15	0♉19'41	7♑45	19♉57	12♊ 2	18♊20	17♑12	18°R 7	18♉32	25°R34	27°R12	29°R 5	29♈ 6	24♎32	n.a.	F 1
S 2	14 2 12	1°16'53	20°30	21°35	12°40	18°56	17°15	18♍ 4	18°35	25♎32	27♌11	29♈ 5	29° 3	24°38	n.a.	S 2
S 3	14 6 8	2°14'05	3♒35	23°11	13°16	19°32	17°17	18° 1	18°39	25°30	27°11	29°D 5	29° 0	24°45	n.a.	S 3
M 4	14 10 5	3°11'17	17° 4	24°44	13°52	20° 8	17°20	17°59	18°42	25°29	27°10	29° 5	28°56	24°52	n.a.	M 4
T 5	14 14 1	4° 8'28	0♓57	26°14	14°25	20°44	17°22	17°56	18°46	25°27	27°10	29° 5	28°53	24°58	n.a.	T 5
W 6	14 17 58	5° 5'38	15°15	27°41	14°58	21°20	17°24	17°54	18°49	25°26	27° 9	29° 6	28°50	25° 5	n.a.	W 6
T 7	14 21 54	6° 2'49	29°54	29° 6	15°29	21°56	17°26	17°52	18°53	25°24	27° 9	29° 6	28°47	25°12	n.a.	T 7
F 8	14 25 51	6°59'59	14♈52	0♊27	15°59	22°32	17°28	17°49	18°56	25°22	27° 9	29° 7	28°44	25°18	n.a.	F 8
S 9	14 29 47	7°57'08	29°59	1°46	16°28	23° 8	17°29	17°47	19° 0	25°21	27° 9	29°R 7	28°41	25°25	n.a.	S 9
S 10	14 33 44	8°54'17	15♉ 8	3° 2	16°54	23°44	17°30	17°45	19° 3	25°19	27° 8	29° 7	28°37	25°31	n.a.	S 10
M11	14 37 41	9°51'26	0♊ 8	4°15	17°20	24°21	17°31	17°43	19° 7	25°18	27° 8	29° 6	28°34	25°38	n.a.	M11
T 12	14 41 37	10°48'34	14°53	5°25	17°43	24°57	17°32	17°42	19°10	25°16	27° 8	29° 5	28°31	25°45	n.a.	T 12
W13	14 45 34	11°45'42	29°15	6°32	18° 5	25°33	17°33	17°40	19°14	25°15	27° 8	29° 3	28°28	25°51	n.a.	W13
T 14	14 49 30	12°42'49	13♋12	7°36	18°25	26° 9	17°33	17°38	19°18	25°13	27° 8	29° 2	28°25	25°58	n.a.	T 14
F 15	14 53 27	13°39'56	26°41	8°36	18°44	26°46	17°34	17°37	19°21	25°12	27° 7	29° 1	28°22	26° 5	n.a.	F 15
S 16	14 57 23	14°37'01	9♌44	9°33	19° 0	27°22	17°R34	17°35	19°25	25°10	27° 7	29°D 0	28°18	26°11	n.a.	S 16
S 17	15 1 20	15°34'07	22°24	10°27	19°14	27°59	17°34	17°34	19°28	25° 9	27°D 7	29° 0	28°15	26°18	n.a.	S 17
M18	15 5 17	16°31'11	4♍45	11°17	19°27	28°35	17°34	17°32	19°32	25° 7	27° 7	29° 1	28°12	26°25	n.a.	M18
T 19	15 9 13	17°28'16	16°52	12° 4	19°37	29°12	17°33	17°31	19°35	25° 6	27° 7	29° 2	28° 9	26°31	n.a.	T 19
W20	15 13 10	18°25'19	28°48	12°46	19°45	29°48	17°32	17°30	19°39	25° 4	27° 8	29° 4	28° 6	26°38	n.a.	W20
T 21	15 17 6	19°22'23	10♎38	13°25	19°51	0♏25	17°32	17°29	19°43	25° 3	27° 8	29° 5	28° 2	26°45	n.a.	T 21
F 22	15 21 3	20°19'26	22°25	14° 0	19°55	1° 1	17°31	17°28	19°46	25° 1	27° 8	29° 6	27°59	26°51	n.a.	F 22
S 23	15 24 59	21°16'29	4♏13	14°31	19°R56	1°38	17°29	17°27	19°50	25° 0	27° 8	29°R 6	27°56	26°58	n.a.	S 23
S 24	15 28 56	22°13'32	16° 5	14°58	19°55	2°14	17°28	17°27	19°53	24°58	27° 8	29° 5	27°53	27° 5	n.a.	S 24
M25	15 32 52	23°10'35	28° 2	15°20	19°52	2°51	17°26	17°26	19°57	24°57	27° 8	29° 3	27°50	27°11	n.a.	M25
T 26	15 36 49	24° 7'38	10♐ 7	15°38	19°47	3°28	17°25	17°25	20° 1	24°56	27° 9	28°59	27°47	27°18	n.a.	T 26
W27	15 40 46	25° 4'42	22°22	15°51	19°39	4° 5	17°23	17°25	20° 4	24°54	27° 9	28°56	27°43	27°24	n.a.	W27
T 28	15 44 42	26° 1'45	4♑48	16° 0	19°28	4°41	17°20	17°25	20° 8	24°53	27° 9	28°51	27°40	27°31	n.a.	T 28
F 29	15 48 39	26°58'49	17°26	16°R 4	19°16	5°18	17°18	17°24	20°11	24°52	27°10	28°47	27°37	27°38	n.a.	F 29
S 30	15 52 35	27°55'53	0♒19	16° 4	19° 1	5°55	17°16	17°24	20°15	24°50	27°10	28°44	27°34	27°44	n.a.	S 30
S 31	15 56 32	28♉52'58	13♒28	15♊58	18♊43	6♋32	17♑13	17°D24	20♉18	24♎49	27♌11	28♈41	27♈31	27♎51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n46	28s31	4s56	20n10	2n15	26n 7	3n33	24n42	1n25	23s22	0s41	7n20	2n48	17n30	0s 7	8s 9	2n 1	28n40	17n13	11n19	11n20	9s16		n.a.
S 2	12 6	27 24	5 14	20 38	2 16	26 9	3 31	24 45	1 25	23 22	0 41	7 21	2 47	17 31	0 7	8 9	2 1	28 40	17 13	11 19	11 18	9 19		n.a.
S 3	12 26	24 47	5 17	21 3	2 16	26 12	3 28	24 48	1 25	23 22	0 41	7 22	2 47	17 32	0 7	8 8	2 1	28 40	17 12	11 19	11 17	9 23		n.a.
M 4	12 46	20 45	5 2	21 27	2 16	26 13	3 25	24 51	1 25	23 22	0 42	7 23	2 47	17 32	0 7	8 7	2 1	28 40	17 12	11 19	11 16	9 26		n.a.
T 5	13 6	15 30	4 30	21 48	2 15	26 14	3 22	24 53	1 25	23 22	0 42	7 24	2 47	17 33	0 7	8 7	2 1	28 39	17 11	11 19	11 15	9 29		n.a.
W 6	13 25	9 17	3 40	22 7	2 13	26 15	3 19	24 56	1 24	23 22	0 42	7 24	2 47	17 34	0 7	8 6	2 1	28 39	17 11	11 19	11 14	9 33		n.a.
T 7	13 45	2 24	2 35	22 23	2 10	26 15	3 15	24 58	1 24	23 22	0 42	7 25	2 46	17 35	0 7	8 6	2 1	28 39	17 10	11 20	11 13	9 36		n.a.
F 8	14 4	4n45	1 18	22 38	2 7	26 14	3 11	25 0	1 24	23 22	0 43	7 26	2 46	17 36	0 7	8 5	2 1	28 38	17 10	11 20	11 12	9 39		n.a.
S 9	14 23	11 43	0n 5	22 51	2 3	26 13	3 7	25 2	1 24	23 22	0 43	7 26	2 46	17 37	0 7	8 5	2 1	28 38	17 9	11 20	11 10	9 42		n.a.
S 10	14 41	18 1	1 28	23 2	1 58	26 11	3 2	25 4	1 24	23 22	0 43	7 27	2 46	17 38	0 7	8 4	2 1	28 38	17 9	11 20	11 9	9 46		n.a.
M11	15 0	23 10	2 44	23 11	1 53	26 8	2 57	25 5	1 24	23 22	0 44	7 28	2 46	17 39	0 7	8 3	2 1	28 37	17 8	11 19	11 8	9 49		n.a.
T 12	15 18	26 43	3 47	23 18	1 47	26 5	2 52	25 6	1 23	23 22	0 44	7 28	2 45	17 40	0 7	8 3	2 1	28 37	17 8	11 19	11 7	9 52		n.a.
W13	15 36	28 24	4 35	23 23	1 40	26 2	2 46	25 8	1 23	23 22	0 44	7 29	2 45	17 41	0 7	8 2	2 1	28 36	17 7	11 19	11 6	9 55		n.a.
T 14	15 54	28 12	5 5	23 26	1 32	25 58	2 40	25 9	1 23	23 23	0 44	7 29	2 45	17 42	0 7	8 2	2 1	28 36	17 7	11 18	11 5	9 59		n.a.
F 15	16 11	26 19	5 16	23 28	1 24	25 53	2 34	25 9	1 23	23 23	0 45	7 29	2 45	17 43	0 7	8 1	2 1	28 36	17 6	11 18	11 3	10 2		n.a.
S 16	16 29	23 5	5 11	23 28	1 15	25 48	2 27	25 10	1 23	23 23	0 45	7 30	2 44	17 44	0 7	8 1	2 1	28 35	17 6	11 17	11 2	10 5		n.a.
S 17	16 46	18 50	4 51	23 27	1 6	25 42	2 20	25 10	1 22	23 23	0 45	7 30	2 44	17 45	0 7	8 0	2 1	28 35	17 5	11 17	11 1	10 9		n.a.
M18	17 2	13 54	4 17	23 24	0 56	25 35	2 12	25 11	1 22	23 24	0 45	7 30	2 44	17 46	0 7	8 0	2 1	28 34	17 5	11 18	11 0	10 12		n.a.
T 19	17 19	8 31	3 33	23 20	0 45	25 28	2 4	25 11	1 22	23 24	0 46	7 31	2 44	17 47	0 7	7 59	2 1	28 34	17 4	11 18	10 59	10 15		n.a.
W20	17 35	2 55	2 40	23 14	0 33	25 20	1 56	25 11	1 22	23 24	0 46	7 31	2 44	17 48	0 7	7 59	2 1	28 33	17 4	11 19	10 58	10 18		n.a.
T 21	17 51	2s44	1 40	23 7	0 21	25 12	1 47	25 11	1 22	23 25	0 46	7 31	2 43	17 49	0 7	7 58	2 1	28 33	17 3	11 19	10 57	10 22		n.a.
F 22	18 6	8 17	0 37	22 59	0 9	25 3	1 38	25 10	1 22	23 25	0 47	7 31	2 43	17 50	0 7	7 58	2 1	28 32	17 3	11 19	10 55	10 25		n.a.
S 23	18 22	13 34	0s28	22 50	0s 5	24 54	1 28	25 10	1 21	23 26	0 47	7 31	2 43	17 51	0 7	7 57	2 1	28 31	17 2	11 19	10 54	10 28		n.a.
S 24	18 37	18 23	1 32	22 39	0 18	24 44	1 18	25 9	1 21	23 26	0 47	7 31	2 43	17 52	0 7	7 57	2 1	28 31	17 2	11 19	10 53	10 31		n.a.
M25	18 52	22 31	2 33	22 28	0 32	24 33	1 8	25 8	1 21	23 26	0 47	7 31	2 42	17 53	0 7	7 56	2 1	28 30	17 1	11 18	10 52	10 35		n.a.
T 26	19 6	25 43	3 27	22 15	0 47	24 22	0 57	25 7	1 21	23 27	0 48	7 31	2 42	17 54	0 7	7 56	2 1	28 30	17 1	11 17	10 51	10 38		n.a.
W27	19 20	27 47	4 12	22 2	1 2	24 10	0 46	25 6	1 21	23 27	0 48	7 31	2 42	17 55	0 7	7 55	2 1	28 29	17 0	11 16	10 50	10 41		n.a.
T 28	19 34	28 30	4 46	21 48	1 17	23 58	0 34	25 4	1 20	23 28	0 48	7 31	2 42	17 56	0 7	7 55	2 1	28 29	16 59	11 14	10 48	10 44		n.a.
F 29	19 47	27 44	5 7	21 33	1 32	23 45	0 22	25 2	1 20	23 29	0 48	7 31	2 41	17 57	0 7	7 54	2 1	28 28	16 59	11 13	10 47	10 48		n.a.
S 30	20 1	25 29	5 13	21 17	1 48	23 31	0 10	25 1	1 20	23 29	0 49	7 31	2 41	17 58	0 7	7 54	2 1	28 27	16 58	11 11	10 46	10 51		n.a.
S 31	20n13	21s52	5s 3	21n 1	2s 3	23n17	0s 3	24n59	1n20	23s30	0s49	7n31	2n41	17n59	0s 7	7s54	2n 1	28n27	16n58	11n11	10n45	10s54		n.a.

Julian Day Number = 1358850.5, Delta T = 07h00m45s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°46'48, Lahiri = -17°39'48 Julian Calendar 1 May 993 BCE == Greg. Calendar 22 Apr. 993 BCE

The year -992 astronomical counting style corresponds to year 993 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 993 BCE
geocentric

JUNE 993 BCE (-992) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 0 28	29♉50'03	26♒54	15°R48	18°R24	7♋ 9	17°R10	17♍24	20♉22	24°R48	27♌11	28°D41	27♈28	27♎58	n.a.	M 1
T 2	16 4 25	0♊47'09	10♓40	15♊34	18♊ 2	7°46	17♑ 7	17°24	20°25	24♎47	27°12	28♈41	27°24	28° 4	n.a.	T 2
W 3	16 8 22	1°44'15	24°44	15°15	17°38	8°23	17° 4	17°25	20°29	24°45	27°12	28°42	27°21	28°11	n.a.	W 3
T 4	16 12 18	2°41'22	9♈ 8	14°52	17°12	9° 0	17° 0	17°25	20°33	24°44	27°13	28°43	27°18	28°18	n.a.	T 4
F 5	16 16 15	3°38'30	23°48	14°26	16°44	9°37	16°56	17°25	20°36	24°43	27°13	28°R44	27°15	28°24	n.a.	F 5
S 6	16 20 11	4°35'38	8♉39	13°55	16°14	10°14	16°53	17°26	20°40	24°42	27°14	28°44	27°12	28°31	n.a.	S 6
S 7	16 24 8	5°32'47	23°35	13°22	15°43	10°51	16°49	17°27	20°43	24°41	27°15	28°42	27° 8	28°38	n.a.	S 7
M 8	16 28 4	6°29'57	8♊29	12°46	15°10	11°29	16°45	17°27	20°47	24°40	27°15	28°39	27° 5	28°44	n.a.	M 8
T 9	16 32 1	7°27'07	23°11	12° 8	14°36	12° 6	16°40	17°28	20°50	24°39	27°16	28°33	27° 2	28°51	n.a.	T 9
W10	16 35 57	8°24'17	7♋35	11°28	14° 1	12°43	16°36	17°29	20°53	24°38	27°17	28°27	26°59	28°57	n.a.	W10
T 11	16 39 54	9°21'28	21°35	10°48	13°25	13°20	16°31	17°30	20°57	24°37	27°18	28°21	26°56	29° 4	n.a.	T 11
F 12	16 43 51	10°18'40	5♌ 8	10° 7	12°49	13°58	16°26	17°31	21° 0	24°36	27°18	28°16	26°53	29°11	n.a.	F 12
S 13	16 47 47	11°15'52	18°15	9°27	12°12	14°35	16°21	17°32	21° 4	24°35	27°19	28°12	26°49	29°17	n.a.	S 13
S 14	16 51 44	12°13'04	0♍57	8°49	11°34	15°12	16°16	17°34	21° 7	24°34	27°20	28°10	26°46	29°24	n.a.	S 14
M15	16 55 40	13°10'16	13°19	8°12	10°57	15°50	16°11	17°35	21°11	24°33	27°21	28°D 9	26°43	29°31	n.a.	M15
T 16	16 59 37	14° 7'29	25°25	7°38	10°20	16°27	16° 5	17°37	21°14	24°32	27°22	28°10	26°40	29°37	n.a.	T 16
W17	17 3 33	15° 4'43	7♎19	7° 8	9°44	17° 5	16° 0	17°38	21°17	24°31	27°23	28°11	26°37	29°44	n.a.	W17
T 18	17 7 30	16° 1'57	19° 8	6°41	9° 8	17°42	15°54	17°40	21°21	24°30	27°24	28°12	26°34	29°51	n.a.	T 18
F 19	17 11 27	16°59'12	0♏56	6°19	8°34	18°20	15°48	17°42	21°24	24°29	27°25	28°R12	26°30	29°57	n.a.	F 19
S 20	17 15 23	17°56'27	12°46	6° 2	8° 0	18°58	15°42	17°43	21°27	24°28	27°26	28°11	26°27	0♏ 4	n.a.	S 20
S 21	17 19 20	18°53'44	24°43	5°50	7°28	19°35	15°36	17°45	21°31	24°28	27°27	28° 8	26°24	0°11	n.a.	S 21
M22	17 23 16	19°51'01	6♐50	5°43	6°58	20°13	15°30	17°47	21°34	24°27	27°28	28° 2	26°21	0°17	n.a.	M22
T 23	17 27 13	20°48'19	19° 8	5°D43	6°29	20°51	15°23	17°50	21°37	24°26	27°30	27°55	26°18	0°24	n.a.	T 23
W24	17 31 9	21°45'38	1♑39	5°48	6° 2	21°28	15°17	17°52	21°40	24°25	27°31	27°46	26°14	0°31	n.a.	W24
T 25	17 35 6	22°42'58	14°22	6° 0	5°37	22° 6	15°10	17°54	21°44	24°25	27°32	27°36	26°11	0°37	n.a.	T 25
F 26	17 39 2	23°40'20	27°18	6°18	5°14	22°44	15° 4	17°57	21°47	24°24	27°33	27°27	26° 8	0°44	n.a.	F 26
S 27	17 42 59	24°37'42	10♒27	6°43	4°53	23°22	14°57	17°59	21°50	24°23	27°35	27°19	26° 5	0°50	n.a.	S 27
S 28	17 46 56	25°35'06	23°48	7°14	4°35	24° 0	14°50	18° 2	21°53	24°23	27°36	27°13	26° 2	0°57	n.a.	S 28
M29	17 50 52	26°32'32	7♓22	7°51	4°19	24°38	14°43	18° 4	21°56	24°22	27°37	27° 9	25°59	1° 4	n.a.	M29
T 30	17 54 49	27♊29'58	21♓ 7	8♊35	4♊ 5	25♋16	14♑36	18♍ 7	21♉59	24♎22	27♌39	27♈ 7	25♈55	1♏10	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n26	17s 3	4s36	20n45	2s19	23n 2	0s16	24n56	1n19	23s30	0s49	7n30	2n41	18n 0	0s 7	7s53	2n 1	28n26	16n57	11n10	10n44	10s57		n.a.
T 2	20 38	11 16	3 53	20 28	2 34	22 47	0 29	24 54	1 19	23 31	0 50	7 30	2 40	18 1	0 7	7 53	2 1	28 25	16 57	11 10	10 43	11 1		n.a.
W 3	20 50	4 48	2 55	20 11	2 49	22 32	0 42	24 52	1 19	23 32	0 50	7 30	2 40	18 2	0 7	7 52	2 0	28 25	16 56	11 11	10 42	11 4		n.a.
T 4	21 2	2n 4	1 45	19 54	3 4	22 15	0 56	24 49	1 19	23 33	0 50	7 30	2 40	18 3	0 7	7 52	2 0	28 24	16 56	11 11	10 40	11 7		n.a.
F 5	21 13	8 58	0 27	19 37	3 18	21 59	1 10	24 46	1 19	23 33	0 50	7 29	2 40	18 4	0 7	7 51	2 0	28 23	16 55	11 12	10 39	11 10		n.a.
S 6	21 24	15 27	0n54	19 20	3 31	21 42	1 24	24 43	1 18	23 34	0 51	7 29	2 39	18 5	0 7	7 51	2 0	28 22	16 55	11 12	10 38	11 14		n.a.
S 7	21 34	21 5	2 11	19 4	3 43	21 25	1 38	24 40	1 18	23 35	0 51	7 28	2 39	18 6	0 7	7 51	2 0	28 22	16 54	11 11	10 37	11 17		n.a.
M 8	21 44	25 21	3 19	18 49	3 54	21 7	1 52	24 36	1 18	23 36	0 51	7 28	2 39	18 7	0 7	7 50	2 0	28 21	16 54	11 10	10 36	11 20		n.a.
T 9	21 54	27 51	4 13	18 34	4 5	20 49	2 6	24 33	1 18	23 36	0 51	7 27	2 39	18 8	0 7	7 50	2 0	28 20	16 53	11 8	10 35	11 23		n.a.
W10	22 3	28 25	4 50	18 20	4 13	20 31	2 20	24 29	1 17	23 37	0 52	7 27	2 38	18 9	0 7	7 50	2 0	28 20	16 53	11 6	10 33	11 26		n.a.
T 11	22 12	27 7	5 8	18 7	4 21	20 13	2 34	24 25	1 17	23 38	0 52	7 26	2 38	18 10	0 7	7 49	2 0	28 19	16 52	11 3	10 32	11 30		n.a.
F 12	22 21	24 15	5 8	17 55	4 26	19 55	2 48	24 21	1 17	23 39	0 52	7 25	2 38	18 11	0 7	7 49	2 0	28 18	16 52	11 1	10 31	11 33		n.a.
S 13	22 29	20 12	4 51	17 45	4 31	19 37	3 2	24 16	1 17	23 40	0 52	7 24	2 37	18 12	0 7	7 49	2 0	28 17	16 51	11 0	10 30	11 36		n.a.
S 14	22 37	15 21	4 21	17 37	4 33	19 19	3 15	24 12	1 16	23 41	0 53	7 24	2 37	18 12	0 7	7 48	2 0	28 16	16 51	10 59	10 29	11 39		n.a.
M15	22 44	10 1	3 39	17 30	4 34	19 1	3 27	24 7	1 16	23 42	0 53	7 23	2 37	18 13	0 7	7 48	2 0	28 16	16 50	10 59	10 28	11 42		n.a.
T 16	22 51	4 25	2 48	17 26	4 34	18 43	3 40	24 2	1 16	23 42	0 53	7 22	2 37	18 14	0 7	7 48	2 0	28 15	16 50	10 59	10 26	11 46		n.a.
W17	22 58	1s16	1 51	17 23	4 31	18 26	3 52	23 57	1 16	23 43	0 53	7 21	2 36	18 15	0 7	7 48	2 0	28 14	16 49	11 0	10 25	11 49		n.a.
T 18	23 4	6 51	0 49	17 22	4 27	18 10	4 3	23 52	1 15	23 44	0 54	7 20	2 36	18 16	0 7	7 47	2 0	28 13	16 49	11 0	10 24	11 52		n.a.
F 19	23 10	12 12	0s15	17 24	4 22	17 54	4 14	23 47	1 15	23 45	0 54	7 19	2 36	18 17	0 7	7 47	2 0	28 12	16 48	11 0	10 23	11 55		n.a.
S 20	23 16	17 9	1 18	17 28	4 15	17 38	4 25	23 41	1 15	23 46	0 54	7 18	2 36	18 18	0 7	7 47	2 0	28 11	16 48	11 0	10 22	11 59		n.a.
S 21	23 21	21 28	2 18	17 34	4 7	17 23	4 34	23 35	1 15	23 47	0 54	7 17	2 35	18 19	0 7	7 47	2 0	28 11	16 47	10 59	10 21	12 2		n.a.
M22	23 25	24 57	3 12	17 42	3 58	17 9	4 43	23 29	1 14	23 48	0 55	7 16	2 35	18 20	0 7	7 46	1 59	28 10	16 47	10 57	10 19	12 5		n.a.
T 23	23 29	27 20	3 59	17 52	3 48	16 56	4 52	23 23	1 14	23 49	0 55	7 15	2 35	18 20	0 7	7 46	1 59	28 9	16 46	10 54	10 18	12 8		n.a.
W24	23 33	28 23	4 34	18 4	3 36	16 44	5 0	23 17	1 14	23 50	0 55	7 14	2 35	18 21	0 7	7 46	1 59	28 8	16 46	10 51	10 17	12 11		n.a.
T 25	23 37	27 57	4 57	18 18	3 24	16 32	5 7	23 11	1 14	23 51	0 55	7 13	2 34	18 22	0 7	7 46	1 59	28 7	16 45	10 47	10 16	12 14		n.a.
F 26	23 40	26 0	5 5	18 34	3 11	16 22	5 14	23 4	1 13	23 52	0 55	7 12	2 34	18 23	0 7	7 45	1 59	28 6	16 45	10 44	10 15	12 18		n.a.
S 27	23 42	22 39	4 57	18 51	2 58	16 12	5 20	22 57	1 13	23 53	0 56	7 11	2 34	18 24	0 7	7 45	1 59	28 5	16 44	10 41	10 14	12 21		n.a.
S 28	23 44	18 5	4 33	19 10	2 44	16 3	5 25	22 50	1 13	23 54	0 56	7 9	2 34	18 25	0 7	7 45	1 59	28 4	16 44	10 38	10 12	12 24		n.a.
M29	23 46	12 33	3 54	19 31	2 29	15 56	5 30	22 43	1 12	23 55	0 56	7 8	2 33	18 25	0 7	7 45	1 59	28 3	16 44	10 37	10 11	12 27		n.a.
T 30	23n47	6s19	3s 0	19n52	2s14	15n49	5s34	22n36	1n12	23s56	0s56	7n 7	2n33	18n26	0s 7	7s45	1n59	28n 3	16n43	10n37	10n10	12s30		n.a.

Julian Day Number = 1358881.5, Delta T = 07h00m43s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°46'44, Lahiri = -17°39'43 Julian Calendar 1 June 993 BCE == Greg. Calendar 23 May 993 BCE

The year -992 astronomical counting style corresponds to year 993 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 993 BCE
geocentric

JULY 993 BCE (-992) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 58 45	28♊27'26	5♈ 5	9♊25	3°R54	25♋54	14°R28	18♍10	22♉ 2	24°R21	27♌40	27°D 7	25♈52	1♏17	n.a.	W 1
T 2	18 2 42	29°24'56	19°15	10°22	3♊45	26°32	14♑21	18°13	22° 5	24♎21	27°41	27♈ 8	25°49	1°24	n.a.	T 2
F 3	18 6 38	0♋22'27	3♉36	11°24	3°39	27°10	14°14	18°16	22° 8	24°20	27°43	27°R 8	25°46	1°30	n.a.	F 3
S 4	18 10 35	1°20'00	18° 5	12°32	3°35	27°48	14° 6	18°19	22°11	24°20	27°44	27° 6	25°43	1°37	n.a.	S 4
S 5	18 14 31	2°17'35	2♊40	13°46	3°D33	28°26	13°59	18°22	22°14	24°20	27°46	27° 2	25°40	1°44	n.a.	S 5
M 6	18 18 28	3°15'11	17°13	15° 5	3°34	29° 4	13°51	18°26	22°17	24°19	27°47	26°56	25°36	1°50	n.a.	M 6
T 7	18 22 25	4°12'49	1♋39	16°30	3°36	29°43	13°44	18°29	22°20	24°19	27°49	26°47	25°33	1°57	n.a.	T 7
W 8	18 26 21	5°10'28	15°51	17°59	3°42	0♌21	13°36	18°32	22°23	24°19	27°51	26°36	25°30	2° 4	n.a.	W 8
T 9	18 30 18	6° 8'09	29°45	19°33	3°49	0°59	13°28	18°36	22°26	24°18	27°52	26°26	25°27	2°10	n.a.	T 9
F 10	18 34 14	7° 5'50	13♌15	21°11	3°58	1°38	13°20	18°40	22°29	24°18	27°54	26°16	25°24	2°17	n.a.	F 10
S 11	18 38 11	8° 3'33	26°21	22°53	4°10	2°16	13°13	18°43	22°31	24°18	27°55	26° 7	25°20	2°24	n.a.	S 11
S 12	18 42 7	9° 1'18	9♍ 3	24°39	4°24	2°55	13° 5	18°47	22°34	24°18	27°57	26° 1	25°17	2°30	n.a.	S 12
M13	18 46 4	9°59'03	21°26	26°28	4°39	3°33	12°57	18°51	22°37	24°18	27°59	25°58	25°14	2°37	n.a.	M13
T 14	18 50 1	10°56'50	3♎32	28°19	4°57	4°12	12°49	18°55	22°39	24°18	28° 1	25°56	25°11	2°43	n.a.	T 14
W15	18 53 57	11°54'38	15°26	0♋13	5°16	4°50	12°41	18°59	22°42	24°18	28° 2	25°D56	25° 8	2°50	n.a.	W15
T 16	18 57 54	12°52'28	27°15	2° 8	5°37	5°29	12°33	19° 3	22°45	24°D18	28° 4	25°R56	25° 5	2°57	n.a.	T 16
F 17	19 1 50	13°50'19	9♏ 4	4° 5	6° 0	6° 7	12°25	19° 7	22°47	24°18	28° 6	25°56	25° 1	3° 3	n.a.	F 17
S 18	19 5 47	14°48'11	20°57	6° 3	6°25	6°46	12°18	19°11	22°50	24°18	28° 8	25°53	24°58	3°10	n.a.	S 18
S 19	19 9 43	15°46'05	3♐ 0	8° 2	6°51	7°25	12°10	19°16	22°52	24°18	28°10	25°49	24°55	3°17	n.a.	S 19
M20	19 13 40	16°44'01	15°15	10° 1	7°19	8° 4	12° 2	19°20	22°55	24°18	28°11	25°41	24°52	3°23	n.a.	M20
T 21	19 17 36	17°41'58	27°46	12° 1	7°48	8°42	11°54	19°24	22°57	24°18	28°13	25°31	24°49	3°30	n.a.	T 21
W22	19 21 33	18°39'56	10♑33	14° 0	8°19	9°21	11°46	19°29	22°59	24°18	28°15	25°19	24°46	3°37	n.a.	W22
T 23	19 25 30	19°37'57	23°37	15°59	8°51	10° 0	11°39	19°34	23° 2	24°18	28°17	25° 7	24°42	3°43	n.a.	T 23
F 24	19 29 26	20°35'59	6♒56	17°57	9°25	10°39	11°31	19°38	23° 4	24°19	28°19	24°54	24°39	3°50	n.a.	F 24
S 25	19 33 23	21°34'03	20°28	19°55	10° 0	11°18	11°23	19°43	23° 6	24°19	28°21	24°43	24°36	3°57	n.a.	S 25
S 26	19 37 19	22°32'09	4♓10	21°52	10°36	11°57	11°16	19°48	23° 9	24°19	28°23	24°35	24°33	4° 3	n.a.	S 26
M27	19 41 16	23°30'17	18° 0	23°49	11°14	12°36	11° 8	19°53	23°11	24°20	28°25	24°29	24°30	4°10	n.a.	M27
T 28	19 45 12	24°28'27	1♈56	25°44	11°52	13°15	11° 1	19°58	23°13	24°20	28°27	24°26	24°26	4°17	n.a.	T 28
W29	19 49 9	25°26'40	15°58	27°38	12°32	13°54	10°53	20° 3	23°15	24°20	28°29	24°25	24°23	4°23	n.a.	W29
T 30	19 53 5	26°24'54	0♉ 3	29°31	13°13	14°34	10°46	20° 8	23°17	24°21	28°31	24°25	24°20	4°30	n.a.	T 30
F 31	19 57 2	27♋23'11	14♉11	1♌23	13♊55	15♌13	10♑39	20♍13	23♉19	24♎21	28♌33	24♈25	24♈17	4♏37	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n48	0n18	1s55	20n15	1s59	15n44	5s38	22n29	1n12	23s57	0s57	7n 5	2n33	18n27	0s 7	7s45	1n59	28n 2	16n43	10n36	10n 9	12s34			n.a.
T 2	23 49	7 0	0 42	20 38	1 44	15 39	5 41	22 21	1 12	23 58	0 57	7 4	2 33	18 28	0 7	7 45	1 59	28 1	16 42	10 37	10 8	12 37			n.a.
F 3	23 49	13 27	0n34	21 2	1 29	15 35	5 44	22 13	1 11	23 59	0 57	7 3	2 33	18 29	0 7	7 45	1 59	28 0	16 42	10 37	10 7	12 40			n.a.
S 4	23 49	19 14	1 49	21 26	1 14	15 32	5 46	22 5	1 11	24 0	0 57	7 1	2 32	18 29	0 7	7 44	1 59	27 59	16 41	10 36	10 5	12 43			n.a.
S 5	23 48	23 55	2 57	21 50	1 0	15 30	5 48	21 57	1 11	24 1	0 57	7 0	2 32	18 30	0 7	7 44	1 59	27 58	16 41	10 35	10 4	12 46			n.a.
M 6	23 46	27 4	3 54	22 13	0 45	15 29	5 49	21 49	1 10	24 2	0 58	6 58	2 32	18 31	0 7	7 44	1 59	27 57	16 41	10 32	10 3	12 49			n.a.
T 7	23 45	28 23	4 34	22 36	0 31	15 29	5 50	21 40	1 10	24 3	0 58	6 57	2 32	18 32	0 7	7 44	1 59	27 56	16 40	10 29	10 2	12 53			n.a.
W 8	23 43	27 46	4 57	22 59	0 17	15 30	5 50	21 32	1 10	24 4	0 58	6 55	2 31	18 33	0 7	7 44	1 58	27 55	16 40	10 25	10 1	12 56			n.a.
T 9	23 40	25 26	5 2	23 20	0 4	15 31	5 50	21 23	1 9	24 5	0 58	6 53	2 31	18 33	0 7	7 44	1 58	27 54	16 39	10 21	9 59	12 59			n.a.
F 10	23 37	21 43	4 49	23 40	0n 9	15 33	5 49	21 14	1 9	24 6	0 58	6 52	2 31	18 34	0 7	7 44	1 58	27 53	16 39	10 17	9 58	13 2			n.a.
S 11	23 34	17 1	4 22	23 58	0 21	15 36	5 48	21 5	1 9	24 7	0 58	6 50	2 31	18 35	0 7	7 44	1 58	27 52	16 39	10 14	9 57	13 5			n.a.
S 12	23 30	11 43	3 42	24 15	0 32	15 40	5 47	20 56	1 9	24 8	0 59	6 48	2 30	18 35	0 7	7 44	1 58	27 51	16 38	10 12	9 56	13 8			n.a.
M13	23 26	6 5	2 52	24 29	0 43	15 44	5 46	20 46	1 8	24 9	0 59	6 47	2 30	18 36	0 7	7 44	1 58	27 50	16 38	10 11	9 55	13 11			n.a.
T 14	23 21	0 21	1 56	24 41	0 53	15 49	5 44	20 37	1 8	24 10	0 59	6 45	2 30	18 37	0 7	7 44	1 58	27 49	16 37	10 10	9 54	13 15			n.a.
W15	23 16	5s19	0 56	24 51	1 2	15 55	5 42	20 27	1 8	24 11	0 59	6 43	2 30	18 38	0 7	7 44	1 58	27 48	16 37	10 10	9 52	13 18			n.a.
T 16	23 11	10 46	0s 7	24 58	1 10	16 1	5 40	20 17	1 7	24 12	0 59	6 41	2 30	18 38	0 7	7 44	1 58	27 47	16 37	10 10	9 51	13 21			n.a.
F 17	23 5	15 50	1 9	25 2	1 17	16 7	5 37	20 7	1 7	24 12	0 59	6 39	2 29	18 39	0 7	7 44	1 58	27 46	16 36	10 10	9 50	13 24			n.a.
S 18	22 59	20 20	2 9	25 4	1 24	16 14	5 34	19 57	1 7	24 13	0 59	6 37	2 29	18 40	0 7	7 44	1 58	27 45	16 36	10 9	9 49	13 27			n.a.
S 19	22 52	24 4	3 3	25 4	1 30	16 21	5 31	19 46	1 6	24 14	1 0	6 36	2 29	18 40	0 7	7 45	1 58	27 44	16 36	10 8	9 48	13 30			n.a.
M20	22 45	26 47	3 50	25 0	1 35	16 29	5 28	19 36	1 6	24 15	1 0	6 34	2 29	18 41	0 7	7 45	1 58	27 43	16 35	10 5	9 47	13 33			n.a.
T 21	22 37	28 14	4 26	24 54	1 39	16 37	5 24	19 25	1 6	24 16	1 0	6 32	2 29	18 41	0 7	7 45	1 58	27 42	16 35	10 1	9 45	13 37			n.a.
W22	22 30	28 13	4 51	24 45	1 42	16 46	5 21	19 14	1 5	24 17	1 0	6 30	2 28	18 42	0 7	7 45	1 57	27 41	16 35	9 57	9 44	13 40			n.a.
T 23	22 21	26 38	5 0	24 34	1 44	16 54	5 17	19 3	1 5	24 18	1 0	6 28	2 28	18 43	0 7	7 45	1 57	27 40	16 34	9 52	9 43	13 43			n.a.
F 24	22 12	23 33	4 54	24 21	1 46	17 3	5 13	18 52	1 5	24 18	1 0	6 26	2 28	18 43	0 7	7 45	1 57	27 39	16 34	9 47	9 42	13 46			n.a.
S 25	22 3	19 10	4 31	24 5	1 47	17 13	5 9	18 41	1 4	24 19	1 0	6 24	2 28	18 44	0 7	7 45	1 57	27 38	16 34	9 43	9 41	13 49			n.a.
S 26	21 54	13 44	3 52	23 47	1 48	17 22	5 4	18 30	1 4	24 20	1 0	6 21	2 28	18 44	0 7	7 46	1 57	27 37	16 33	9 40	9 39	13 52			n.a.
M27	21 44	7 34	3 0	23 27	1 48	17 32	5 0	18 18	1 3	24 21	1 0	6 19	2 27	18 45	0 7	7 46	1 57	27 36	16 33	9 38	9 38	13 55			n.a.
T 28	21 34	0 59	1 56	23 5	1 47	17 41	4 55	18 7	1 3	24 21	1 0	6 17	2 27	18 45	0 7	7 46	1 57	27 35	16 33	9 37	9 37	13 58			n.a.
W29	21 23	5n41	0 45	22 41	1 46	17 51	4 51	17 55	1 3	24 22	1 1	6 15	2 27	18 46	0 7	7 46	1 57	27 34	16 33	9 37	9 36	14 1			n.a.
T 30	21 12	12 8	0n30	22 16	1 44	18 1	4 46	17 43	1 2	24 23	1 1	6 13	2 27	18 47	0 7	7 46	1 57	27 33	16 32	9 37	9 35	14 5			n.a.
F 31	21n 1	17n58	1n42	21n49	1n41	18n11	4s41	17n31	1n 2	24s23	1s 1	6n11	2n27	18n47	0s 7	7s47	1n57	27n32	16n32	9n36	9n34	14s 8			n.a.

Julian Day Number = 1358911.5, Delta T = 07h00m42s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°46'40, Lahiri = -17°39'39 Julian Calendar 1 July 993 BCE == Greg. Calendar 22 June 993 BCE

The year -992 astronomical counting style corresponds to year 993 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 993 BCE
geocentric

AUGUST 993 BCE (-992) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 0 58	28♋21'30	28♉22	3♌14	14♊38	15♌52	10°R32	20♍18	23♉21	24♎22	28♌35	24°R23	24♈14	4♏43	n.a.	S 1
S 2	20 4 55	29°19'52	12♊33	5° 4	15°22	16°31	10♑24	20°23	23°23	24°22	28°37	24♈18	24°11	4°50	n.a.	S 2
M 3	20 8 52	0♌18'15	26°41	6°52	16° 7	17°11	10°17	20°29	23°25	24°23	28°39	24°10	24° 7	4°56	n.a.	M 3
T 4	20 12 48	1°16'41	10♋42	8°40	16°53	17°50	10°11	20°34	23°27	24°23	28°42	24° 0	24° 4	5° 3	n.a.	T 4
W 5	20 16 45	2°15'09	24°33	10°26	17°40	18°30	10° 4	20°39	23°28	24°24	28°44	23°48	24° 1	5°10	n.a.	W 5
T 6	20 20 41	3°13'39	8♌ 8	12°12	18°27	19° 9	9°57	20°45	23°30	24°25	28°46	23°36	23°58	5°16	n.a.	T 6
F 7	20 24 38	4°12'11	21°25	13°56	19°15	19°49	9°51	20°51	23°32	24°25	28°48	23°24	23°55	5°23	n.a.	F 7
S 8	20 28 34	5°10'45	4♍23	15°39	20° 5	20°28	9°44	20°56	23°34	24°26	28°50	23°14	23°52	5°30	n.a.	S 8
S 9	20 32 31	6° 9'20	17° 0	17°21	20°55	21° 8	9°38	21° 2	23°35	24°27	28°52	23° 7	23°48	5°36	n.a.	S 9
M10	20 36 27	7° 7'58	29°20	19° 2	21°45	21°47	9°32	21° 8	23°37	24°28	28°55	23° 2	23°45	5°43	n.a.	M10
T 11	20 40 24	8° 6'37	11♎25	20°41	22°37	22°27	9°26	21°13	23°38	24°28	28°57	23° 0	23°42	5°50	n.a.	T 11
W12	20 44 21	9° 5'19	23°19	22°20	23°29	23° 7	9°20	21°19	23°40	24°29	28°59	23°D 0	23°39	5°56	n.a.	W12
T 13	20 48 17	10° 4'02	5♏ 8	23°58	24°21	23°47	9°14	21°25	23°41	24°30	29° 1	23°R 0	23°36	6° 3	n.a.	T 13
F 14	20 52 14	11° 2'47	16°57	25°35	25°15	24°27	9° 8	21°31	23°42	24°31	29° 4	23° 0	23°32	6°10	n.a.	F 14
S 15	20 56 10	12° 1'34	28°51	27°10	26° 9	25° 6	9° 3	21°37	23°44	24°32	29° 6	22°58	23°29	6°16	n.a.	S 15
S 16	21 0 7	13° 0'22	10♐56	28°45	27° 3	25°46	8°58	21°43	23°45	24°33	29° 8	22°55	23°26	6°23	n.a.	S 16
M17	21 4 3	13°59'13	23°16	0♍19	27°58	26°26	8°53	21°49	23°46	24°34	29°10	22°49	23°23	6°30	n.a.	M17
T 18	21 8 0	14°58'06	5♑55	1°52	28°54	27° 6	8°48	21°55	23°47	24°35	29°13	22°41	23°20	6°36	n.a.	T 18
W19	21 11 56	15°57'01	18°54	3°24	29°50	27°46	8°43	22° 1	23°49	24°36	29°15	22°31	23°17	6°43	n.a.	W19
T 20	21 15 53	16°55'57	2♒15	4°55	0♋47	28°26	8°38	22° 7	23°50	24°37	29°17	22°20	23°13	6°49	n.a.	T 20
F 21	21 19 50	17°54'56	15°55	6°24	1°44	29° 7	8°34	22°14	23°51	24°38	29°20	22° 9	23°10	6°56	n.a.	F 21
S 22	21 23 46	18°53'57	29°51	7°53	2°42	29°47	8°29	22°20	23°52	24°39	29°22	21°59	23° 7	7° 3	n.a.	S 22
S 23	21 27 43	19°53'00	13♓59	9°21	3°40	0♍27	8°25	22°26	23°52	24°41	29°24	21°52	23° 4	7° 9	n.a.	S 23
M24	21 31 39	20°52'05	28°14	10°48	4°39	1° 7	8°21	22°33	23°53	24°42	29°26	21°47	23° 1	7°16	n.a.	M24
T 25	21 35 36	21°51'13	12♈32	12°14	5°38	1°48	8°18	22°39	23°54	24°43	29°29	21°45	22°58	7°23	n.a.	T 25
W26	21 39 32	22°50'23	26°49	13°39	6°38	2°28	8°14	22°46	23°55	24°44	29°31	21°D45	22°54	7°29	n.a.	W26
T 27	21 43 29	23°49'35	11♉ 2	15° 3	7°38	3° 8	8°11	22°52	23°56	24°46	29°33	21°45	22°51	7°36	n.a.	T 27
F 28	21 47 25	24°48'50	25° 9	16°26	8°38	3°49	8° 7	22°59	23°56	24°47	29°36	21°R46	22°48	7°43	n.a.	F 28
S 29	21 51 22	25°48'08	9♊11	17°48	9°39	4°29	8° 4	23° 5	23°57	24°48	29°38	21°45	22°45	7°49	n.a.	S 29
S 30	21 55 18	26°47'28	23° 5	19° 9	10°41	5°10	8° 1	23°12	23°57	24°50	29°41	21°42	22°42	7°56	n.a.	S 30
M31	21 59 15	27♌46'51	6♋50	20♍28	11♋42	5♍51	7♑59	23♍18	23♉58	24♎51	29♌43	21♈37	22♈38	8♏ 3	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n49	22n51	2n49	21n20	1n39	18n21	4s36	17n19	1n 2	24s24	1s 1	6n 8	2n26	18n48	0s 7	7s47	1n57	27n31	16n32	9n36	9n32	14s11		n.a.
S 2	20 37	26 22	3 45	20 50	1 35	18 31	4 31	17 6	1 1	24 25	1 1	6 6	2 26	18 48	0 7	7 47	1 57	27 30	16 32	9 34	9 31	14 14		n.a.
M 3	20 24	28 13	4 27	20 19	1 32	18 40	4 26	16 54	1 1	24 25	1 1	6 4	2 26	18 49	0 7	7 47	1 57	27 29	16 31	9 31	9 30	14 17		n.a.
T 4	20 11	28 14	4 53	19 47	1 28	18 50	4 21	16 41	1 1	24 26	1 1	6 1	2 26	18 49	0 7	7 48	1 57	27 28	16 31	9 27	9 29	14 20		n.a.
W 5	19 58	26 28	5 0	19 14	1 23	19 0	4 15	16 28	1 0	24 26	1 1	5 59	2 26	18 49	0 7	7 48	1 57	27 27	16 31	9 23	9 28	14 23		n.a.
T 6	19 44	23 12	4 51	18 40	1 19	19 9	4 10	16 16	1 0	24 27	1 1	5 57	2 26	18 50	0 7	7 48	1 56	27 26	16 31	9 18	9 26	14 26		n.a.
F 7	19 31	18 46	4 26	18 5	1 14	19 19	4 5	16 3	0 59	24 28	1 1	5 54	2 25	18 50	0 7	7 49	1 56	27 25	16 31	9 14	9 25	14 29		n.a.
S 8	19 16	13 35	3 47	17 29	1 9	19 28	3 59	15 50	0 59	24 28	1 1	5 52	2 25	18 51	0 7	7 49	1 56	27 24	16 30	9 10	9 24	14 32		n.a.
S 9	19 2	7 57	2 59	16 53	1 3	19 37	3 54	15 36	0 59	24 29	1 1	5 50	2 25	18 51	0 7	7 49	1 56	27 23	16 30	9 7	9 23	14 35		n.a.
M10	18 47	2 8	2 2	16 16	0 57	19 46	3 48	15 23	0 58	24 29	1 1	5 47	2 25	18 52	0 7	7 50	1 56	27 22	16 30	9 6	9 22	14 38		n.a.
T 11	18 31	3s39	1 1	15 38	0 51	19 54	3 42	15 9	0 58	24 30	1 1	5 45	2 25	18 52	0 7	7 50	1 56	27 21	16 30	9 5	9 20	14 42		n.a.
W12	18 16	9 13	0s 2	15 0	0 45	20 3	3 37	14 56	0 58	24 30	1 1	5 42	2 25	18 52	0 7	7 50	1 56	27 20	16 30	9 4	9 19	14 45		n.a.
T 13	18 0	14 26	1 4	14 21	0 39	20 11	3 31	14 42	0 57	24 30	1 1	5 40	2 25	18 53	0 7	7 51	1 56	27 19	16 30	9 5	9 18	14 48		n.a.
F 14	17 44	19 8	2 4	13 42	0 32	20 18	3 25	14 28	0 57	24 31	1 1	5 37	2 24	18 53	0 7	7 51	1 56	27 18	16 29	9 5	9 17	14 51		n.a.
S 15	17 27	23 7	2 59	13 3	0 25	20 26	3 20	14 14	0 56	24 31	1 1	5 35	2 24	18 53	0 7	7 52	1 56	27 18	16 29	9 4	9 16	14 54		n.a.
S 16	17 10	26 10	3 46	12 23	0 19	20 33	3 14	14 0	0 56	24 32	1 1	5 32	2 24	18 54	0 7	7 52	1 56	27 17	16 29	9 3	9 14	14 57		n.a.
M17	16 53	28 2	4 24	11 43	0 12	20 40	3 8	13 46	0 56	24 32	1 1	5 30	2 24	18 54	0 7	7 52	1 56	27 16	16 29	9 1	9 13	15 0		n.a.
T 18	16 36	28 31	4 50	11 3	0 5	20 46	3 2	13 32	0 55	24 32	1 1	5 27	2 24	18 54	0 7	7 53	1 56	27 15	16 29	8 57	9 12	15 3		n.a.
W19	16 18	27 27	5 2	10 23	0s 3	20 52	2 57	13 17	0 55	24 33	1 1	5 25	2 24	18 55	0 7	7 53	1 56	27 14	16 29	8 54	9 11	15 6		n.a.
T 20	16 0	24 48	4 58	9 42	0 10	20 58	2 51	13 3	0 54	24 33	1 1	5 22	2 24	18 55	0 7	7 54	1 56	27 13	16 29	8 49	9 10	15 9		n.a.
F 21	15 42	20 43	4 38	9 2	0 17	21 3	2 45	12 48	0 54	24 33	1 1	5 19	2 24	18 55	0 7	7 54	1 55	27 12	16 29	8 45	9 9	15 12		n.a.
S 22	15 24	15 26	4 0	8 22	0 25	21 8	2 39	12 34	0 53	24 33	1 1	5 17	2 23	18 55	0 7	7 55	1 55	27 11	16 29	8 42	9 7	15 15		n.a.
S 23	15 5	9 16	3 7	7 41	0 32	21 12	2 34	12 19	0 53	24 34	1 1	5 14	2 23	18 56	0 7	7 55	1 55	27 10	16 29	8 39	9 6	15 18		n.a.
M24	14 46	2 34	2 2	7 1	0 40	21 16	2 28	12 4	0 53	24 34	1 1	5 11	2 23	18 56	0 7	7 56	1 55	27 9	16 29	8 37	9 5	15 21		n.a.
T 25	14 27	4n17	0 49	6 21	0 47	21 20	2 22	11 49	0 52	24 34	1 1	5 9	2 23	18 56	0 7	7 56	1 55	27 8	16 28	8 36	9 4	15 24		n.a.
W26	14 7	10 55	0n27	5 41	0 55	21 23	2 16	11 34	0 52	24 34	1 1	5 6	2 23	18 56	0 7	7 57	1 55	27 7	16 28	8 36	9 3	15 27		n.a.
T 27	13 47	16 59	1 41	5 1	1 2	21 25	2 11	11 19	0 51	24 35	1 1	5 3	2 23	18 56	0 7	7 57	1 55	27 6	16 28	8 36	9 1	15 30		n.a.
F 28	13 27	22 5	2 49	4 22	1 10	21 27	2 5	11 3	0 51	24 35	1 1	5 1	2 23	18 57	0 7	7 58	1 55	27 5	16 28	8 37	9 0	15 33		n.a.
S 29	13 7	25 54	3 46	3 43	1 17	21 29	1 59	10 48	0 51	24 35	1 1	4 58	2 23	18 57	0 7	7 58	1 55	27 5	16 28	8 36	8 59	15 36		n.a.
S 30	12 47	28 7	4 29	3 4	1 25	21 30	1 53	10 32	0 50	24 35	1 1	4 55	2 23	18 57	0 7	7 59	1 55	27 4	16 28	8 35	8 58	15 39		n.a.
M31	12n26	28n34	4n56	2n25	1s32	21n30	1s48	10n17	0n50	24s35	1s 1	4n52	2n23	18n57	0s 7	8s 0	1n55	27n 3	16n28	8n33	8n57	15s42		n.a.

Julian Day Number = 1358942.5, Delta T = 07h00m40s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°46'35, Lahiri = -17°39'35 Julian Calendar 1 Aug. 993 BCE == Greg. Calendar 23 July 993 BCE

The year -992 astronomical counting style corresponds to year 993 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 993 BCE
geocentric

SEPTEMBER 993 BCE (-992) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 3 12	28♌46'16	20♋26	21♍47	12♋44	6♍31	7°R56	23♍25	23♉58	24♎53	29♌45	21°R30	22♈35	8♏ 9	n.a.	T 1
W 2	22 7 8	29°45'43	3♌51	23° 4	13°47	7°12	7♑54	23°32	23°59	24°54	29°48	21♈21	22°32	8°16	n.a.	W 2
T 3	22 11 5	0♍45'13	17° 2	24°19	14°50	7°53	7°52	23°38	23°59	24°56	29°50	21°12	22°29	8°23	n.a.	T 3
F 4	22 15 1	1°44'45	29°59	25°33	15°53	8°33	7°50	23°45	23°59	24°57	29°52	21° 3	22°26	8°29	n.a.	F 4
S 5	22 18 58	2°44'19	12♍41	26°46	16°56	9°14	7°48	23°52	24° 0	24°59	29°55	20°56	22°23	8°36	n.a.	S 5
S 6	22 22 54	3°43'55	25° 8	27°57	18° 0	9°55	7°47	23°59	24° 0	25° 0	29°57	20°50	22°19	8°43	n.a.	S 6
M 7	22 26 51	4°43'33	7♎21	29° 6	19° 4	10°36	7°46	24° 6	24° 0	25° 2	29°59	20°47	22°16	8°49	n.a.	M 7
T 8	22 30 47	5°43'13	19°22	0♎13	20° 8	11°17	7°45	24°12	24° 0	25° 3	0♍ 2	20°D46	22°13	8°56	n.a.	T 8
W 9	22 34 44	6°42'55	1♏14	1°18	21°13	11°58	7°44	24°19	24°R 0	25° 5	0° 4	20°47	22°10	9° 3	n.a.	W 9
T 10	22 38 41	7°42'39	13° 2	2°20	22°18	12°39	7°43	24°26	24° 0	25° 7	0° 6	20°48	22° 7	9° 9	n.a.	T 10
F 11	22 42 37	8°42'25	24°50	3°20	23°23	13°20	7°43	24°33	24° 0	25° 8	0° 9	20°50	22° 3	9°16	n.a.	F 11
S 12	22 46 34	9°42'13	6♐43	4°17	24°28	14° 2	7°42	24°40	24° 0	25°10	0°11	20°R50	22° 0	9°22	n.a.	S 12
S 13	22 50 30	10°42'03	18°47	5°11	25°34	14°43	7°D42	24°47	23°59	25°12	0°13	20°50	21°57	9°29	n.a.	S 13
M14	22 54 27	11°41'54	1♑ 6	6° 1	26°40	15°24	7°42	24°54	23°59	25°13	0°16	20°48	21°54	9°36	n.a.	M14
T 15	22 58 23	12°41'48	13°46	6°48	27°46	16° 5	7°43	25° 1	23°59	25°15	0°18	20°44	21°51	9°42	n.a.	T 15
W16	23 2 20	13°41'43	26°48	7°30	28°53	16°47	7°43	25° 8	23°59	25°17	0°20	20°39	21°48	9°49	n.a.	W16
T 17	23 6 16	14°41'40	10♒15	8° 8	29°59	17°28	7°44	25°15	23°58	25°19	0°23	20°34	21°44	9°56	n.a.	T 17
F 18	23 10 13	15°41'39	24° 7	8°40	1♌ 7	18°10	7°45	25°22	23°58	25°21	0°25	20°28	21°41	10° 2	n.a.	F 18
S 19	23 14 9	16°41'40	8♓21	9° 7	2°14	18°51	7°46	25°29	23°57	25°22	0°27	20°23	21°38	10° 9	n.a.	S 19
S 20	23 18 6	17°41'42	22°52	9°27	3°21	19°33	7°47	25°36	23°57	25°24	0°29	20°19	21°35	10°16	n.a.	S 20
M21	23 22 3	18°41'47	7♈33	9°41	4°29	20°14	7°49	25°43	23°56	25°26	0°32	20°17	21°32	10°22	n.a.	M21
T 22	23 25 59	19°41'54	22°18	9°R47	5°37	20°56	7°51	25°50	23°55	25°28	0°34	20°D16	21°29	10°29	n.a.	T 22
W23	23 29 56	20°42'03	6♉59	9°45	6°45	21°38	7°53	25°57	23°55	25°30	0°36	20°17	21°25	10°36	n.a.	W23
T 24	23 33 52	21°42'14	21°32	9°34	7°53	22°19	7°55	26° 5	23°54	25°32	0°38	20°18	21°22	10°42	n.a.	T 24
F 25	23 37 49	22°42'28	5♊52	9°15	9° 2	23° 1	7°57	26°12	23°53	25°34	0°41	20°20	21°19	10°49	n.a.	F 25
S 26	23 41 45	23°42'44	19°57	8°46	10°10	23°43	8° 0	26°19	23°52	25°36	0°43	20°R21	21°16	10°56	n.a.	S 26
S 27	23 45 42	24°43'02	3♋46	8° 7	11°19	24°25	8° 2	26°26	23°51	25°38	0°45	20°20	21°13	11° 2	n.a.	S 27
M28	23 49 38	25°43'22	17°18	7°19	12°28	25° 7	8° 5	26°33	23°50	25°40	0°47	20°19	21° 9	11° 9	n.a.	M28
T 29	23 53 35	26°43'44	0♌36	6°22	13°38	25°49	8° 8	26°40	23°49	25°42	0°49	20°16	21° 6	11°16	n.a.	T 29
W30	23 57 32	27♍44'09	13♌38	5♎16	14♌47	26♍31	8♑12	26♍47	23♉48	25♎44	0♍52	20♈13	21♈ 3	11♏22	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n 5	27n16	5n 6	1n47	1s39	21n30	1s42	10n 1	0n49	24s35	1s 1	4n50	2n22	18n57	0s 7	8s 0	1n55	27n 2	16n28	8n31	8n55	15s45		n.a.
W 2	11 44	24 26	4 59	1 10	1 47	21 29	1 37	9 45	0 49	24 35	1 1	4 47	2 22	18 57	0 7	8 1	1 55	27 1	16 28	8 27	8 54	15 48		n.a.
T 3	11 23	20 21	4 36	0 33	1 54	21 28	1 31	9 29	0 48	24 35	1 1	4 44	2 22	18 57	0 7	8 1	1 55	27 0	16 28	8 24	8 53	15 51		n.a.
F 4	11 1	15 22	3 59	0s 3	2 1	21 26	1 26	9 14	0 48	24 35	1 1	4 41	2 22	18 57	0 7	8 2	1 55	26 59	16 29	8 20	8 52	15 54		n.a.
S 5	10 40	9 50	3 11	0 38	2 8	21 24	1 20	8 58	0 47	24 36	1 1	4 38	2 22	18 57	0 7	8 3	1 55	26 58	16 29	8 18	8 51	15 57		n.a.
S 6	10 18	4 0	2 14	1 13	2 14	21 21	1 15	8 41	0 47	24 36	1 1	4 36	2 22	18 58	0 7	8 3	1 55	26 58	16 29	8 16	8 49	16 0		n.a.
M 7	9 56	1s52	1 12	1 47	2 21	21 18	1 9	8 25	0 46	24 36	1 1	4 33	2 22	18 58	0 7	8 4	1 55	26 57	16 29	8 14	8 48	16 3		n.a.
T 8	9 33	7 35	0 8	2 20	2 27	21 14	1 4	8 9	0 46	24 36	1 1	4 30	2 22	18 58	0 7	8 4	1 54	26 56	16 29	8 14	8 47	16 6		n.a.
W 9	9 11	12 58	0s57	2 51	2 33	21 9	0 59	7 53	0 46	24 36	1 0	4 27	2 22	18 58	0 7	8 5	1 54	26 55	16 29	8 14	8 46	16 9		n.a.
T 10	8 49	17 52	1 58	3 22	2 38	21 4	0 53	7 36	0 45	24 36	1 0	4 24	2 22	18 58	0 7	8 6	1 54	26 54	16 29	8 15	8 45	16 12		n.a.
F 11	8 26	22 5	2 54	3 51	2 44	20 58	0 48	7 20	0 45	24 36	1 0	4 22	2 22	18 58	0 7	8 6	1 54	26 54	16 29	8 15	8 43	16 15		n.a.
S 12	8 3	25 27	3 44	4 18	2 49	20 51	0 43	7 3	0 44	24 35	1 0	4 19	2 22	18 58	0 7	8 7	1 54	26 53	16 29	8 16	8 42	16 18		n.a.
S 13	7 40	27 43	4 24	4 44	2 53	20 44	0 38	6 47	0 44	24 35	1 0	4 16	2 22	18 57	0 7	8 8	1 54	26 52	16 29	8 15	8 41	16 21		n.a.
M14	7 17	28 42	4 53	5 8	2 57	20 37	0 33	6 30	0 43	24 35	1 0	4 13	2 22	18 57	0 7	8 8	1 54	26 51	16 29	8 15	8 40	16 24		n.a.
T 15	6 54	28 13	5 9	5 30	3 1	20 29	0 28	6 13	0 43	24 35	1 0	4 10	2 22	18 57	0 7	8 9	1 54	26 51	16 30	8 13	8 39	16 27		n.a.
W16	6 31	26 11	5 9	5 49	3 4	20 20	0 23	5 57	0 42	24 35	1 0	4 7	2 22	18 57	0 7	8 10	1 54	26 50	16 30	8 11	8 37	16 30		n.a.
T 17	6 7	22 39	4 53	6 7	3 6	20 10	0 18	5 40	0 42	24 35	1 0	4 4	2 21	18 57	0 7	8 11	1 54	26 49	16 30	8 9	8 36	16 33		n.a.
F 18	5 44	17 45	4 20	6 21	3 7	20 0	0 13	5 23	0 41	24 35	1 0	4 2	2 21	18 57	0 7	8 11	1 54	26 48	16 30	8 7	8 35	16 36		n.a.
S 19	5 20	11 47	3 29	6 32	3 8	19 50	0 9	5 6	0 41	24 35	1 0	3 59	2 21	18 57	0 7	8 12	1 54	26 48	16 30	8 5	8 34	16 39		n.a.
S 20	4 56	5 5	2 24	6 40	3 7	19 39	0 4	4 49	0 40	24 35	1 0	3 56	2 21	18 57	0 7	8 13	1 54	26 47	16 30	8 4	8 32	16 42		n.a.
M21	4 32	1n59	1 9	6 44	3 6	19 27	0n 0	4 32	0 40	24 34	1 0	3 53	2 21	18 57	0 7	8 13	1 54	26 46	16 31	8 3	8 31	16 44		n.a.
T 22	4 8	8 59	0n11	6 44	3 3	19 15	0 5	4 15	0 39	24 34	1 0	3 50	2 21	18 56	0 7	8 14	1 54	26 46	16 31	8 3	8 30	16 47		n.a.
W23	3 44	15 29	1 30	6 39	2 59	19 2	0 9	3 58	0 39	24 34	0 59	3 47	2 21	18 56	0 7	8 15	1 54	26 45	16 31	8 3	8 29	16 50		n.a.
T 24	3 20	21 3	2 43	6 30	2 54	18 48	0 14	3 41	0 38	24 34	0 59	3 44	2 21	18 56	0 7	8 16	1 54	26 44	16 31	8 3	8 28	16 53		n.a.
F 25	2 56	25 18	3 45	6 16	2 46	18 34	0 18	3 23	0 38	24 34	0 59	3 41	2 21	18 56	0 7	8 16	1 54	26 44	16 31	8 4	8 26	16 56		n.a.
S 26	2 32	27 56	4 31	5 56	2 37	18 20	0 22	3 6	0 37	24 33	0 59	3 39	2 21	18 56	0 7	8 17	1 54	26 43	16 32	8 4	8 25	16 59		n.a.
S 27	2 8	28 47	5 1	5 30	2 27	18 4	0 26	2 49	0 37	24 33	0 59	3 36	2 21	18 55	0 7	8 18	1 54	26 43	16 32	8 4	8 24	17 2		n.a.
M28	1 44	27 52	5 14	5 0	2 14	17 49	0 30	2 31	0 36	24 33	0 59	3 33	2 21	18 55	0 7	8 19	1 54	26 42	16 32	8 4	8 23	17 5		n.a.
T 29	1 19	25 22	5 9	4 23	2 0	17 32	0 34	2 14	0 36	24 33	0 59	3 30	2 21	18 55	0 7	8 20	1 54	26 41	16 32	8 3	8 22	17 8		n.a.
W30	0n55	21n35	4n49	3s42	1s44	17n16	0n38	1n57	0n35	24s32	0s59	3n27	2n21	18n55	0s 7	8s20	1n54	26n41	16n33	8n 1	8n20	17s11		n.a.

Julian Day Number = 1358973.5, Delta T = 07h00m39s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°46'31, Lahiri = -17°39'31 Julian Calendar 1 Sept. 993 BCE == Greg. Calendar 23 Aug. 993 BCE

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ASTRODIENST EPHEMERIS for the year 993 BCE
geocentric

OCTOBER 993 BCE (-992) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 1 28	28♍44'35	26♌27	4°R 5	15♌57	27♍13	8♑15	26♍54	23°R47	25♎46	0♍54	20°R10	21♈ 0	11♏29	n.a.	T 1
F 2	0 5 25	29°45'03	9♍ 3	2♎48	17° 6	27°55	8°19	27° 1	23♉46	25°48	0°56	20♈ 6	20°57	11°36	n.a.	F 2
S 3	0 9 21	0♎45'34	21°27	1°29	18°16	28°37	8°23	27° 9	23°44	25°50	0°58	20° 3	20°54	11°42	n.a.	S 3
S 4	0 13 18	1°46'06	3♎40	0° 9	19°26	29°19	8°27	27°16	23°43	25°52	1° 0	20° 2	20°50	11°49	n.a.	S 4
M 5	0 17 14	2°46'39	15°43	28♍52	20°37	0♎ 2	8°31	27°23	23°42	25°54	1° 2	20°D 1	20°47	11°56	n.a.	M 5
T 6	0 21 11	3°47'14	27°38	27°40	21°47	0°44	8°36	27°30	23°41	25°56	1° 4	20° 1	20°44	12° 2	n.a.	T 6
W 7	0 25 7	4°47'51	9♏28	26°35	22°58	1°26	8°40	27°37	23°39	25°59	1° 6	20° 2	20°41	12° 9	n.a.	W 7
T 8	0 29 4	5°48'30	21°15	25°39	24° 8	2° 9	8°45	27°44	23°38	26° 1	1° 8	20° 3	20°38	12°15	n.a.	T 8
F 9	0 33 0	6°49'10	3♐ 3	24°54	25°19	2°51	8°50	27°51	23°36	26° 3	1°10	20° 4	20°35	12°22	n.a.	F 9
S 10	0 36 57	7°49'51	14°55	24°20	26°30	3°34	8°55	27°58	23°35	26° 5	1°12	20° 6	20°31	12°29	n.a.	S 10
S 11	0 40 54	8°50'34	26°57	23°57	27°41	4°16	9° 1	28° 5	23°33	26° 7	1°14	20° 6	20°28	12°35	n.a.	S 11
M12	0 44 50	9°51'18	9♑13	23°D47	28°52	4°59	9° 6	28°12	23°31	26° 9	1°16	20°R 7	20°25	12°42	n.a.	M12
T 13	0 48 47	10°52'03	21°47	23°47	0♍ 4	5°42	9°12	28°19	23°30	26°12	1°18	20° 6	20°22	12°49	n.a.	T 13
W14	0 52 43	11°52'50	4♒44	23°58	1°15	6°24	9°18	28°26	23°28	26°14	1°20	20° 6	20°19	12°55	n.a.	W14
T 15	0 56 40	12°53'37	18° 7	24°19	2°26	7° 7	9°24	28°33	23°26	26°16	1°22	20° 5	20°15	13° 2	n.a.	T 15
F 16	1 0 36	13°54'26	1♓56	24°50	3°38	7°50	9°30	28°40	23°24	26°18	1°24	20° 4	20°12	13° 9	n.a.	F 16
S 17	1 4 33	14°55'16	16°13	25°28	4°50	8°33	9°36	28°47	23°23	26°20	1°26	20° 4	20° 9	13°15	n.a.	S 17
S 18	1 8 30	15°56'07	0♈52	26°14	6° 2	9°16	9°43	28°54	23°21	26°23	1°27	20° 3	20° 6	13°22	n.a.	S 18
M19	1 12 26	16°56'59	15°49	27° 6	7°14	9°59	9°50	29° 1	23°19	26°25	1°29	20°D 3	20° 3	13°29	n.a.	M19
T 20	1 16 23	17°57'53	0♉55	28° 4	8°26	10°42	9°56	29° 8	23°17	26°27	1°31	20° 3	20° 0	13°35	n.a.	T 20
W21	1 20 19	18°58'48	16° 1	29° 7	9°38	11°25	10° 3	29°14	23°15	26°29	1°33	20° 3	19°56	13°42	n.a.	W21
T 22	1 24 16	19°59'45	0♊59	0♎14	10°50	12° 8	10°11	29°21	23°13	26°32	1°35	20°R 3	19°53	13°49	n.a.	T 22
F 23	1 28 12	21° 0'43	15°40	1°24	12° 3	12°51	10°18	29°28	23°11	26°34	1°36	20° 3	19°50	13°55	n.a.	F 23
S 24	1 32 9	22° 1'42	0♋ 0	2°38	13°15	13°34	10°26	29°35	23° 9	26°36	1°38	20° 3	19°47	14° 2	n.a.	S 24
S 25	1 36 5	23° 2'43	13°57	3°55	14°28	14°17	10°33	29°42	23° 7	26°38	1°40	20° 3	19°44	14° 9	n.a.	S 25
M26	1 40 2	24° 3'45	27°30	5°14	15°41	15° 1	10°41	29°48	23° 5	26°41	1°41	20°D 3	19°40	14°15	n.a.	M26
T 27	1 43 59	25° 4'49	10♌40	6°35	16°53	15°44	10°49	29°55	23° 2	26°43	1°43	20° 3	19°37	14°22	n.a.	T 27
W28	1 47 55	26° 5'54	23°30	7°58	18° 6	16°27	10°57	0♎ 2	23° 0	26°45	1°44	20° 3	19°34	14°29	n.a.	W28
T 29	1 51 52	27° 7'00	6♍ 4	9°22	19°19	17°11	11° 5	0° 8	22°58	26°47	1°46	20° 4	19°31	14°35	n.a.	T 29
F 30	1 55 48	28° 8'07	18°23	10°47	20°32	17°54	11°14	0°15	22°56	26°50	1°48	20° 5	19°28	14°42	n.a.	F 30
S 31	1 59 45	29♎ 9'15	0♎31	12♎14	21♍45	18♎38	11♑22	0♎21	22♉53	26♎52	1♍49	20♈ 6	19♈25	14♏49	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	0n30	16n52	4n14	2s57	1s26	16n58	0n42	1n39	0n35	24s32	0s59	3n24	2n21	18n54	0s 7	8s21	1n53	26n40	16n33	8n 0	8n19	17s14			n.a.
F 2	0 6	11 29	3 27	2 9	1 7	16 40	0 46	1 22	0 34	24 32	0 59	3 21	2 21	18 54	0 7	8 22	1 53	26 40	16 33	7 59	8 18	17 16			n.a.
S 3	0s18	5 45	2 31	1 19	0 47	16 22	0 49	1 4	0 34	24 31	0 59	3 19	2 21	18 54	0 7	8 23	1 53	26 39	16 33	7 58	8 17	17 19			n.a.
S 4	0 43	0s 7	1 29	0 28	0 26	16 3	0 53	0 47	0 33	24 31	0 59	3 16	2 21	18 53	0 7	8 23	1 53	26 39	16 34	7 57	8 16	17 22			n.a.
M 5	1 7	5 55	0 24	0n22	0 5	15 44	0 56	0 29	0 32	24 31	0 59	3 13	2 21	18 53	0 7	8 24	1 53	26 38	16 34	7 57	8 14	17 25			n.a.
T 6	1 32	11 27	0s42	1 10	0n15	15 24	0 59	0 11	0 32	24 30	0 58	3 10	2 21	18 53	0 7	8 25	1 53	26 38	16 34	7 57	8 13	17 28			n.a.
W 7	1 56	16 32	1 46	1 54	0 34	15 4	1 3	0s 6	0 31	24 30	0 58	3 7	2 21	18 52	0 7	8 26	1 53	26 37	16 35	7 57	8 12	17 31			n.a.
T 8	2 21	21 0	2 45	2 33	0 53	14 43	1 6	0 24	0 31	24 29	0 58	3 4	2 21	18 52	0 7	8 27	1 53	26 37	16 35	7 57	8 11	17 34			n.a.
F 9	2 45	24 38	3 37	3 7	1 9	14 22	1 9	0 42	0 30	24 29	0 58	3 2	2 21	18 52	0 7	8 27	1 53	26 36	16 35	7 58	8 10	17 37			n.a.
S 10	3 9	27 15	4 20	3 35	1 25	14 0	1 12	0 59	0 30	24 29	0 58	2 59	2 22	18 51	0 7	8 28	1 53	26 36	16 36	7 58	8 8	17 39			n.a.
S 11	3 34	28 39	4 52	3 56	1 38	13 38	1 15	1 17	0 29	24 28	0 58	2 56	2 22	18 51	0 7	8 29	1 53	26 35	16 36	7 59	8 7	17 42			n.a.
M12	3 58	28 40	5 12	4 11	1 49	13 15	1 17	1 34	0 29	24 28	0 58	2 53	2 22	18 51	0 7	8 30	1 53	26 35	16 36	7 59	8 6	17 45			n.a.
T 13	4 22	27 14	5 17	4 19	1 59	12 52	1 20	1 52	0 28	24 27	0 58	2 50	2 22	18 50	0 7	8 31	1 53	26 34	16 37	7 59	8 5	17 48			n.a.
W14	4 46	24 20	5 7	4 22	2 7	12 29	1 23	2 10	0 27	24 27	0 58	2 48	2 22	18 50	0 7	8 32	1 53	26 34	16 37	7 59	8 3	17 51			n.a.
T 15	5 10	20 5	4 40	4 19	2 13	12 5	1 25	2 28	0 27	24 26	0 58	2 45	2 22	18 49	0 6	8 32	1 53	26 34	16 38	7 58	8 2	17 54			n.a.
F 16	5 34	14 37	3 57	4 11	2 18	11 41	1 28	2 45	0 26	24 26	0 58	2 42	2 22	18 49	0 6	8 33	1 53	26 33	16 38	7 58	8 1	17 57			n.a.
S 17	5 58	8 14	2 57	3 59	2 21	11 17	1 30	3 3	0 26	24 25	0 58	2 39	2 22	18 48	0 6	8 34	1 53	26 33	16 38	7 58	8 0	17 59			n.a.
S 18	6 22	1 15	1 45	3 42	2 23	10 52	1 32	3 21	0 25	24 25	0 57	2 37	2 22	18 48	0 6	8 35	1 53	26 33	16 39	7 58	7 59	18 2			n.a.
M19	6 46	5n58	0 23	3 22	2 24	10 27	1 34	3 38	0 25	24 24	0 57	2 34	2 22	18 47	0 6	8 36	1 53	26 32	16 39	7 57	7 57	18 5			n.a.
T 20	7 9	12 55	1n 0	2 58	2 23	10 1	1 36	3 56	0 24	24 23	0 57	2 31	2 22	18 47	0 6	8 37	1 53	26 32	16 40	7 57	7 56	18 8			n.a.
W21	7 33	19 7	2 20	2 32	2 22	9 35	1 38	4 13	0 23	24 23	0 57	2 28	2 22	18 46	0 6	8 37	1 53	26 32	16 40	7 57	7 55	18 11			n.a.
T 22	7 56	24 4	3 29	2 3	2 20	9 9	1 40	4 31	0 23	24 22	0 57	2 26	2 22	18 46	0 6	8 38	1 53	26 32	16 40	7 58	7 54	18 13			n.a.
F 23	8 19	27 23	4 23	1 32	2 18	8 43	1 42	4 49	0 22	24 21	0 57	2 23	2 22	18 45	0 6	8 39	1 53	26 31	16 41	7 57	7 52	18 16			n.a.
S 24	8 43	28 48	4 59	0 59	2 14	8 16	1 43	5 6	0 22	24 21	0 57	2 20	2 22	18 45	0 6	8 40	1 53	26 31	16 41	7 57	7 51	18 19			n.a.
S 25	9 6	28 19	5 16	0 24	2 10	7 49	1 45	5 24	0 21	24 20	0 57	2 18	2 23	18 44	0 6	8 41	1 53	26 31	16 42	7 57	7 50	18 22			n.a.
M26	9 29	26 8	5 15	0s11	2 6	7 22	1 46	5 41	0 20	24 19	0 57	2 15	2 23	18 44	0 6	8 42	1 53	26 31	16 42	7 57	7 49	18 25			n.a.
T 27	9 51	22 36	4 58	0 48	2 1	6 54	1 47	5 59	0 20	24 19	0 57	2 13	2 23	18 43	0 6	8 42	1 53	26 30	16 43	7 57	7 48	18 27			n.a.
W28	10 14	18 4	4 25	1 26	1 56	6 26	1 49	6 16	0 19	24 18	0 57	2 10	2 23	18 43	0 6	8 43	1 53	26 30	16 43	7 58	7 46	18 30			n.a.
T 29	10 36	12 51	3 41	2 5	1 50	5 58	1 50	6 34	0 19	24 17	0 57	2 7	2 23	18 42	0 6	8 44	1 53	26 30	16 44	7 58	7 45	18 33			n.a.
F 30	10 59	7 13	2 47	2 44	1 45	5 30	1 51	6 51	0 18	24 16	0 57	2 5	2 23	18 42	0 6	8 45	1 53	26 30	16 44	7 58	7 44	18 36			n.a.
S 31	11s21	1n25	1n47	3s24	1n39	5n 2	1n52	7s 9	0n17	24s16	0s57	2n 2	2n23	18n41	0s 6	8s46	1n53	26n30	16n45	7n59	7n43	18s39			n.a.

Julian Day Number = 1359003.5, Delta T = 07h00m37s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°46'27, Lahiri = -17°39'27 Julian Calendar 1 Oct. 993 BCE == Greg. Calendar 22 Sept. 993 BCE

The year -992 astronomical counting style corresponds to year 993 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 993 BCE
geocentric

NOVEMBER 993 BCE (-992) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 3 41	0♏10'25	12♎31	13♎41	22♍58	19♎21	11♑31	0♎28	22°R51	26♎54	1♍50	20♈ 6	19♈21	14♏55	n.a.	S 1
M 2	2 7 38	1°11'35	24°25	15° 9	24°12	20° 5	11°40	0°34	22♉49	26°57	1°52	20°R 6	19°18	15° 2	n.a.	M 2
T 3	2 11 34	2°12'46	6♏15	16°38	25°25	20°49	11°49	0°41	22°46	26°59	1°53	20° 6	19°15	15° 9	n.a.	T 3
W 4	2 15 31	3°13'58	18° 4	18° 7	26°38	21°32	11°58	0°47	22°44	27° 1	1°55	20° 5	19°12	15°15	n.a.	W 4
T 5	2 19 28	4°15'11	29°52	19°37	27°52	22°16	12° 7	0°54	22°42	27° 3	1°56	20° 3	19° 9	15°22	n.a.	T 5
F 6	2 23 24	5°16'24	11♐43	21° 7	29° 5	23° 0	12°16	1° 0	22°39	27° 6	1°57	20° 0	19° 6	15°29	n.a.	F 6
S 7	2 27 21	6°17'38	23°38	22°38	0♎19	23°44	12°26	1° 6	22°37	27° 8	1°59	19°58	19° 2	15°35	n.a.	S 7
S 8	2 31 17	7°18'52	5♑42	24° 9	1°32	24°28	12°36	1°12	22°34	27°10	2° 0	19°55	18°59	15°42	n.a.	S 8
M 9	2 35 14	8°20'07	17°57	25°40	2°46	25°11	12°45	1°18	22°32	27°12	2° 1	19°53	18°56	15°49	n.a.	M 9
T 10	2 39 10	9°21'22	0♒28	27°12	4° 0	25°55	12°55	1°25	22°29	27°14	2° 2	19°52	18°53	15°55	n.a.	T 10
W11	2 43 7	10°22'37	13°17	28°43	5°13	26°39	13° 5	1°31	22°27	27°17	2° 4	19°D52	18°50	16° 2	n.a.	W11
T 12	2 47 3	11°23'52	26°29	0♏15	6°27	27°23	13°15	1°37	22°24	27°19	2° 5	19°52	18°46	16° 9	n.a.	T 12
F 13	2 51 0	12°25'07	10♓ 7	1°47	7°41	28° 8	13°26	1°43	22°22	27°21	2° 6	19°54	18°43	16°15	n.a.	F 13
S 14	2 54 57	13°26'22	24°12	3°20	8°55	28°52	13°36	1°49	22°19	27°23	2° 7	19°55	18°40	16°22	n.a.	S 14
S 15	2 58 53	14°27'38	8♈43	4°52	10° 9	29°36	13°46	1°54	22°17	27°26	2° 8	19°56	18°37	16°29	n.a.	S 15
M16	3 2 50	15°28'53	23°37	6°25	11°23	0♏20	13°57	2° 0	22°14	27°28	2° 9	19°R57	18°34	16°35	n.a.	M16
T 17	3 6 46	16°30'09	8♉47	7°58	12°36	1° 4	14° 8	2° 6	22°12	27°30	2°10	19°56	18°31	16°42	n.a.	T 17
W18	3 10 43	17°31'25	24° 4	9°31	13°51	1°49	14°18	2°12	22° 9	27°32	2°11	19°53	18°27	16°49	n.a.	W18
T 19	3 14 39	18°32'41	9♊18	11° 5	15° 5	2°33	14°29	2°17	22° 6	27°34	2°12	19°49	18°24	16°55	n.a.	T 19
F 20	3 18 36	19°33'58	24°19	12°38	16°19	3°17	14°40	2°23	22° 4	27°36	2°13	19°45	18°21	17° 2	n.a.	F 20
S 21	3 22 33	20°35'15	8♋57	14°12	17°33	4° 2	14°51	2°28	22° 1	27°38	2°13	19°41	18°18	17° 9	n.a.	S 21
S 22	3 26 29	21°36'32	23° 9	15°47	18°47	4°46	15° 3	2°34	21°59	27°41	2°14	19°37	18°15	17°15	n.a.	S 22
M23	3 30 26	22°37'49	6♌52	17°21	20° 1	5°31	15°14	2°39	21°56	27°43	2°15	19°34	18°12	17°22	n.a.	M23
T 24	3 34 22	23°39'07	20° 6	18°56	21°15	6°15	15°25	2°45	21°54	27°45	2°16	19°D33	18° 8	17°29	n.a.	T 24
W25	3 38 19	24°40'25	2♍55	20°31	22°30	7° 0	15°37	2°50	21°51	27°47	2°16	19°33	18° 5	17°35	n.a.	W25
T 26	3 42 15	25°41'43	15°23	22° 6	23°44	7°45	15°48	2°55	21°48	27°49	2°17	19°34	18° 2	17°42	n.a.	T 26
F 27	3 46 12	26°43'01	27°35	23°42	24°58	8°29	16° 0	3° 0	21°46	27°51	2°18	19°36	17°59	17°48	n.a.	F 27
S 28	3 50 8	27°44'19	9♎35	25°18	26°13	9°14	16°12	3° 5	21°43	27°53	2°18	19°38	17°56	17°55	n.a.	S 28
S 29	3 54 5	28°45'37	21°27	26°54	27°27	9°59	16°24	3°10	21°41	27°55	2°19	19°R38	17°52	18° 2	n.a.	S 29
M30	3 58 2	29♏46'55	3♏15	28♏31	28♎41	10♏44	16♑36	3♎15	21♉38	27♎57	2♍19	19♈37	17♈49	18♏ 8	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s43	4s23	0n42	4s 4	1n32	4n33	1n52	7s26	0n17	24s15	0s56	2n 0	2n23	18n40	0s 6	8s47	1n53	26n30	16n45	7n59	7n41	18s41		n.a.
M 2	12 4	9 59	0s24	4 44	1 26	4 4	1 53	7 43	0 16	24 14	0 56	1 57	2 23	18 40	0 6	8 47	1 53	26 30	16 46	7 59	7 40	18 44		n.a.
T 3	12 26	15 12	1 28	5 25	1 20	3 35	1 54	8 0	0 16	24 13	0 56	1 55	2 23	18 39	0 6	8 48	1 53	26 30	16 46	7 59	7 39	18 47		n.a.
W 4	12 47	19 51	2 29	6 6	1 13	3 6	1 54	8 18	0 15	24 12	0 56	1 52	2 24	18 39	0 6	8 49	1 53	26 30	16 47	7 58	7 38	18 50		n.a.
T 5	13 8	23 44	3 23	6 47	1 6	2 37	1 55	8 35	0 14	24 11	0 56	1 50	2 24	18 38	0 6	8 50	1 53	26 29	16 47	7 57	7 37	18 52		n.a.
F 6	13 29	26 39	4 8	7 27	0 59	2 8	1 55	8 52	0 14	24 10	0 56	1 47	2 24	18 37	0 6	8 51	1 53	26 29	16 48	7 56	7 35	18 55		n.a.
S 7	13 50	28 23	4 43	8 8	0 52	1 38	1 55	9 9	0 13	24 9	0 56	1 45	2 24	18 37	0 6	8 51	1 53	26 29	16 48	7 55	7 34	18 58		n.a.
S 8	14 10	28 47	5 6	8 48	0 45	1 9	1 56	9 26	0 12	24 8	0 56	1 43	2 24	18 36	0 6	8 52	1 53	26 29	16 49	7 54	7 33	19 1		n.a.
M 9	14 30	27 48	5 16	9 29	0 39	0 39	1 56	9 43	0 12	24 7	0 56	1 40	2 24	18 35	0 6	8 53	1 53	26 29	16 49	7 54	7 32	19 3		n.a.
T 10	14 50	25 25	5 10	10 9	0 32	0 9	1 56	10 0	0 11	24 6	0 56	1 38	2 24	18 35	0 6	8 54	1 53	26 29	16 50	7 53	7 30	19 6		n.a.
W11	15 10	21 43	4 50	10 48	0 25	0s20	1 56	10 16	0 11	24 5	0 56	1 36	2 24	18 34	0 6	8 55	1 53	26 30	16 50	7 53	7 29	19 9		n.a.
T 12	15 29	16 51	4 14	11 28	0 18	0 50	1 55	10 33	0 10	24 4	0 56	1 33	2 25	18 34	0 6	8 55	1 53	26 30	16 51	7 53	7 28	19 12		n.a.
F 13	15 48	11 0	3 22	12 7	0 11	1 20	1 55	10 50	0 9	24 3	0 56	1 31	2 25	18 33	0 6	8 56	1 53	26 30	16 51	7 54	7 27	19 14		n.a.
S 14	16 7	4 26	2 17	12 45	0 4	1 50	1 55	11 6	0 9	24 2	0 56	1 29	2 25	18 32	0 6	8 57	1 53	26 30	16 52	7 54	7 26	19 17		n.a.
S 15	16 26	2n34	1 1	13 23	0s 3	2 20	1 54	11 23	0 8	24 1	0 56	1 27	2 25	18 32	0 6	8 58	1 53	26 30	16 52	7 55	7 24	19 20		n.a.
M16	16 44	9 37	0n20	14 1	0 9	2 50	1 54	11 39	0 7	24 0	0 56	1 24	2 25	18 31	0 6	8 59	1 53	26 30	16 53	7 55	7 23	19 22		n.a.
T 17	17 2	16 15	1 42	14 38	0 16	3 19	1 53	11 56	0 7	23 58	0 56	1 22	2 25	18 30	0 6	8 59	1 53	26 30	16 54	7 55	7 22	19 25		n.a.
W18	17 20	21 56	2 57	15 15	0 22	3 49	1 53	12 12	0 6	23 57	0 56	1 20	2 26	18 30	0 6	9 0	1 53	26 30	16 54	7 54	7 21	19 28		n.a.
T 19	17 37	26 7	3 58	15 51	0 29	4 19	1 52	12 28	0 5	23 56	0 56	1 18	2 26	18 29	0 6	9 1	1 53	26 30	16 55	7 52	7 19	19 31		n.a.
F 20	17 54	28 24	4 43	16 26	0 35	4 49	1 51	12 44	0 5	23 55	0 55	1 16	2 26	18 28	0 6	9 2	1 53	26 31	16 55	7 51	7 18	19 33		n.a.
S 21	18 11	28 37	5 8	17 1	0 41	5 18	1 50	13 0	0 4	23 53	0 55	1 14	2 26	18 28	0 6	9 2	1 53	26 31	16 56	7 49	7 17	19 36		n.a.
S 22	18 27	26 55	5 12	17 35	0 47	5 48	1 49	13 16	0 3	23 52	0 55	1 12	2 26	18 27	0 6	9 3	1 53	26 31	16 56	7 47	7 16	19 39		n.a.
M23	18 43	23 40	4 59	18 8	0 53	6 17	1 48	13 31	0 3	23 51	0 55	1 10	2 26	18 26	0 6	9 4	1 53	26 31	16 57	7 46	7 15	19 41		n.a.
T 24	18 59	19 16	4 30	18 40	0 59	6 46	1 47	13 47	0 2	23 49	0 55	1 8	2 27	18 26	0 6	9 5	1 53	26 32	16 58	7 46	7 13	19 44		n.a.
W25	19 14	14 7	3 48	19 12	1 5	7 15	1 46	14 3	0 1	23 48	0 55	1 6	2 27	18 25	0 6	9 5	1 53	26 32	16 58	7 46	7 12	19 47		n.a.
T 26	19 29	8 33	2 56	19 43	1 10	7 45	1 44	14 18	0 1	23 47	0 55	1 4	2 27	18 24	0 6	9 6	1 53	26 32	16 59	7 46	7 11	19 49		n.a.
F 27	19 44	2 46	1 57	20 12	1 15	8 13	1 43	14 33	0s 0	23 45	0 55	1 2	2 27	18 24	0 6	9 7	1 53	26 32	16 59	7 47	7 10	19 52		n.a.
S 28	19 58	3s 1	0 55	20 41	1 20	8 42	1 41	14 49	0 1	23 44	0 55	1 0	2 27	18 23	0 6	9 7	1 53	26 33	17 0	7 48	7 8	19 55		n.a.
S 29	20 12	8 38	0s10	21 9	1 25	9 11	1 40	15 4	0 1	23 42	0 55	0 58	2 28	18 22	0 6	9 8	1 53	26 33	17 0	7 48	7 7	19 57		n.a.
M30	20s25	13s56	1s13	21s36	1s30	9s39	1n38	15s19	0s 2	23s41	0s55	0n56	2n28	18n22	0s 6	9s 9	1n53	26n33	17n 1	7n48	7n 6	20s 0		n.a.

Julian Day Number = 1359034.5, Delta T = 07h00m36s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°46'23, Lahiri = -17°39'23 Julian Calendar 1 Nov. 993 BCE == Greg. Calendar 23 Oct. 993 BCE

The year -992 astronomical counting style corresponds to year 993 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 993 BCE
geocentric

DECEMBER 993 BCE (-992) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 1 58	0♐48'12	15♏ 2	0♐ 8	29♎56	11♏29	16♑48	3♎20	21°R36	27♎59	2♍20	19°R34	17♈46	18♏15	n.a.	T 1
W 2	4 5 55	1°49'30	26°51	1°46	1♏10	12°13	17° 0	3°25	21♉33	28° 1	2°20	19♈29	17°43	18°22	n.a.	W 2
T 3	4 9 51	2°50'47	8♐43	3°24	2°25	12°58	17°12	3°30	21°30	28° 3	2°21	19°21	17°40	18°28	n.a.	T 3
F 4	4 13 48	3°52'04	20°41	5° 3	3°39	13°43	17°25	3°34	21°28	28° 5	2°21	19°13	17°37	18°35	n.a.	F 4
S 5	4 17 44	4°53'20	2♑45	6°42	4°54	14°28	17°37	3°39	21°25	28° 7	2°22	19° 3	17°33	18°42	n.a.	S 5
S 6	4 21 41	5°54'36	14°58	8°21	6° 8	15°13	17°49	3°43	21°23	28° 9	2°22	18°54	17°30	18°48	n.a.	S 6
M 7	4 25 38	6°55'51	27°20	10° 1	7°23	15°58	18° 2	3°48	21°20	28°11	2°22	18°47	17°27	18°55	n.a.	M 7
T 8	4 29 34	7°57'05	9♒54	11°41	8°37	16°44	18°15	3°52	21°18	28°12	2°22	18°41	17°24	19° 2	n.a.	T 8
W 9	4 33 31	8°58'18	22°43	13°22	9°52	17°29	18°27	3°56	21°16	28°14	2°23	18°37	17°21	19° 8	n.a.	W 9
T 10	4 37 27	9°59'30	5♓50	15° 3	11° 6	18°14	18°40	4° 1	21°13	28°16	2°23	18°D35	17°18	19°15	n.a.	T 10
F 11	4 41 24	11° 0'41	19°17	16°44	12°21	18°59	18°53	4° 5	21°11	28°18	2°23	18°36	17°14	19°22	n.a.	F 11
S 12	4 45 20	12° 1'51	3♈ 6	18°26	13°35	19°44	19° 6	4° 9	21° 8	28°20	2°23	18°37	17°11	19°29	n.a.	S 12
S 13	4 49 17	13° 3'00	17°19	20° 9	14°50	20°30	19°19	4°13	21° 6	28°21	2°23	18°R37	17° 8	19°35	n.a.	S 13
M14	4 53 13	14° 4'08	1♉56	21°51	16° 4	21°15	19°32	4°17	21° 4	28°23	2°R23	18°37	17° 5	19°42	n.a.	M14
T 15	4 57 10	15° 5'15	16°51	23°34	17°19	22° 0	19°45	4°20	21° 1	28°25	2°23	18°34	17° 2	19°49	n.a.	T 15
W16	5 1 7	16° 6'20	1♊59	25°17	18°33	22°46	19°58	4°24	20°59	28°26	2°23	18°28	16°58	19°55	n.a.	W16
T 17	5 5 3	17° 7'25	17°10	27° 0	19°48	23°31	20°11	4°28	20°57	28°28	2°23	18°20	16°55	20° 2	n.a.	T 17
F 18	5 9 0	18° 8'29	2♋14	28°44	21° 2	24°17	20°25	4°31	20°55	28°30	2°23	18°11	16°52	20° 9	n.a.	F 18
S 19	5 12 56	19° 9'32	17° 1	0♑27	22°17	25° 2	20°38	4°35	20°52	28°31	2°23	18° 1	16°49	20°15	n.a.	S 19
S 20	5 16 53	20°10'34	1♌23	2° 9	23°32	25°48	20°51	4°38	20°50	28°33	2°22	17°52	16°46	20°22	n.a.	S 20
M21	5 20 49	21°11'36	15°16	3°52	24°46	26°33	21° 5	4°41	20°48	28°35	2°22	17°44	16°43	20°29	n.a.	M21
T 22	5 24 46	22°12'36	28°39	5°33	26° 1	27°19	21°18	4°44	20°46	28°36	2°22	17°39	16°39	20°35	n.a.	T 22
W23	5 28 43	23°13'35	11♍34	7°14	27°15	28° 4	21°32	4°47	20°44	28°38	2°22	17°37	16°36	20°42	n.a.	W23
T 24	5 32 39	24°14'33	24° 5	8°53	28°30	28°50	21°45	4°50	20°42	28°39	2°21	17°D36	16°33	20°49	n.a.	T 24
F 25	5 36 36	25°15'31	6♎17	10°31	29°45	29°36	21°59	4°53	20°40	28°40	2°21	17°36	16°30	20°55	n.a.	F 25
S 26	5 40 32	26°16'27	18°15	12° 7	0♐59	0♐21	22°13	4°56	20°38	28°42	2°21	17°R37	16°27	21° 2	n.a.	S 26
S 27	5 44 29	27°17'23	0♏ 5	13°40	2°14	1° 7	22°26	4°59	20°36	28°43	2°20	17°36	16°24	21° 9	n.a.	S 27
M28	5 48 25	28°18'17	11°51	15°11	3°28	1°53	22°40	5° 1	20°34	28°45	2°20	17°33	16°20	21°15	n.a.	M28
T 29	5 52 22	29°19'10	23°39	16°37	4°43	2°39	22°54	5° 4	20°32	28°46	2°19	17°27	16°17	21°22	n.a.	T 29
W30	5 56 18	0♑20'02	5♐31	18° 0	5°57	3°24	23° 8	5° 6	20°30	28°47	2°19	17°19	16°14	21°29	n.a.	W30
T 31	6 0 15	1♑20'53	17♐29	19♑18	7♐12	4♐10	23♑22	5♎ 9	20♉29	28♎49	2♍18	17♈ 8	16♈11	21♏35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	20s38	18s43	2s14	22s 2	1s34	10s 7	1n37	15s33	0s 3	23s39	0s55	0n55	2n28	18n21	0s 6	9s10	1n53	26n34	17n 2	7n46		7n 5		20s 2			n.a.
W 2	20 51	22 48	3 8	22 27	1 38	10 35	1 35	15 48	0 4	23 38	0 55	0 53	2 28	18 20	0 6	9 10	1 53	26 34	17 2	7 44		7 3		20 5			n.a.
T 3	21 3	25 57	3 54	22 50	1 42	11 2	1 33	16 3	0 4	23 36	0 55	0 51	2 28	18 20	0 6	9 11	1 54	26 35	17 3	7 41		7 2		20 8			n.a.
F 4	21 15	27 59	4 31	23 12	1 46	11 30	1 32	16 17	0 5	23 34	0 55	0 49	2 29	18 19	0 6	9 12	1 54	26 35	17 3	7 38		7 1		20 10			n.a.
S 5	21 27	28 42	4 55	23 33	1 49	11 57	1 30	16 31	0 6	23 33	0 55	0 48	2 29	18 18	0 6	9 12	1 54	26 35	17 4	7 35		7 0		20 13			n.a.
S 6	21 38	28 2	5 7	23 53	1 52	12 24	1 28	16 45	0 6	23 31	0 55	0 46	2 29	18 18	0 6	9 13	1 54	26 36	17 5	7 31		6 59		20 16			n.a.
M 7	21 49	25 59	5 4	24 11	1 55	12 50	1 26	16 59	0 7	23 29	0 55	0 45	2 29	18 17	0 6	9 14	1 54	26 36	17 5	7 28		6 57		20 18			n.a.
T 8	21 59	22 38	4 47	24 28	1 57	13 17	1 24	17 13	0 8	23 27	0 55	0 43	2 29	18 16	0 6	9 14	1 54	26 37	17 6	7 26		6 56		20 21			n.a.
W 9	22 9	18 10	4 15	24 44	1 59	13 42	1 22	17 27	0 8	23 26	0 55	0 42	2 30	18 16	0 6	9 15	1 54	26 37	17 6	7 24		6 55		20 23			n.a.
T 10	22 18	12 45	3 29	24 58	2 1	14 8	1 20	17 40	0 9	23 24	0 55	0 40	2 30	18 15	0 6	9 15	1 54	26 38	17 7	7 24		6 54		20 26			n.a.
F 11	22 27	6 37	2 31	25 10	2 2	14 33	1 18	17 54	0 10	23 22	0 55	0 39	2 30	18 14	0 6	9 16	1 54	26 38	17 8	7 24		6 52		20 29			n.a.
S 12	22 35	0 0	1 22	25 20	2 3	14 58	1 15	18 7	0 10	23 20	0 55	0 37	2 30	18 14	0 6	9 17	1 54	26 39	17 8	7 24		6 51		20 31			n.a.
S 13	22 43	6n48	0 7	25 29	2 3	15 23	1 13	18 20	0 11	23 18	0 55	0 36	2 31	18 13	0 6	9 17	1 54	26 39	17 9	7 24		6 50		20 34			n.a.
M14	22 51	13 26	1n11	25 36	2 3	15 47	1 11	18 33	0 12	23 16	0 55	0 34	2 31	18 13	0 6	9 18	1 54	26 40	17 9	7 24		6 49		20 36			n.a.
T 15	22 58	19 27	2 25	25 41	2 2	16 10	1 9	18 45	0 13	23 14	0 55	0 33	2 31	18 12	0 6	9 18	1 54	26 40	17 10	7 23		6 47		20 39			n.a.
W16	23 5	24 19	3 30	25 44	2 1	16 34	1 6	18 58	0 13	23 13	0 55	0 32	2 31	18 11	0 6	9 19	1 54	26 41	17 11	7 21		6 46		20 42			n.a.
T 17	23 11	27 31	4 21	25 46	1 59	16 56	1 4	19 10	0 14	23 11	0 55	0 31	2 31	18 11	0 6	9 19	1 54	26 41	17 11	7 18		6 45		20 44			n.a.
F 18	23 17	28 40	4 53	25 45	1 57	17 19	1 1	19 22	0 15	23 8	0 55	0 29	2 32	18 10	0 6	9 20	1 54	26 42	17 12	7 14		6 44		20 47			n.a.
S 19	23 22	27 44	5 4	25 42	1 54	17 41	0 59	19 34	0 15	23 6	0 55	0 28	2 32	18 10	0 6	9 21	1 54	26 42	17 12	7 10		6 43		20 49			n.a.
S 20	23 27	24 58	4 56	25 38	1 50	18 2	0 56	19 46	0 16	23 4	0 55	0 27	2 32	18 9	0 6	9 21	1 54	26 43	17 13	7 7		6 41		20 52			n.a.
M21	23 31	20 48	4 30	25 31	1 46	18 23	0 54	19 58	0 17	23 2	0 55	0 26	2 32	18 9	0 6	9 22	1 54	26 44	17 13	7 4		6 40		20 54			n.a.
T 22	23 35	15 43	3 50	25 22	1 40	18 44	0 51	20 9	0 18	23 0	0 55	0 25	2 33	18 8	0 6	9 22	1 54	26 44	17 14	7 2		6 39		20 57			n.a.
W23	23 38	10 6	3 0	25 11	1 35	19 4	0 49	20 20	0 18	22 58	0 55	0 24	2 33	18 7	0 6	9 23	1 54	26 45	17 15	7 1		6 38		20 59			n.a.
T 24	23 41	4 15	2 2	24 58	1 28	19 23	0 46	20 31	0 19	22 56	0 55	0 23	2 33	18 7	0 6	9 23	1 54	26 46	17 15	7 1		6 36		21 2			n.a.
F 25	23 44	1s37	1 0	24 44	1 20	19 42	0 44	20 42	0 20	22 54	0 55	0 22	2 33	18 6	0 6	9 24	1 54	26 46	17 16	7 1		6 35		21 4			n.a.
S 26	23 46	7 19	0s 3	24 27	1 12	20 0	0 41	20 53	0 20	22 51	0 55	0 21	2 34	18 6	0 6	9 24	1 54	26 47	17 16	7 1		6 34		21 7			n.a.
S 27	23 47	12 42	1 6	24 9	1 3	20 18	0 38	21 3	0 21	22 49	0 55	0 20	2 34	18 5	0 6	9 25	1 55	26 48	17 17	7 1		6 33		21 9			n.a.
M28	23 48	17 37	2 5	23 49	0 53	20 36	0 36	21 13	0 22	22 47	0 55	0 20	2 34	18 5	0 6	9 25	1 55	26 48	17 17	7 0		6 31		21 12			n.a.
T 29	23 49	21 52	2 59	23 27	0 42	20 52	0 33	21 23	0 23	22 44	0 55	0 19	2 34	18 4	0 6	9 25	1 55	26 49	17 18	6 57		6 30		21 14			n.a.
W30	23 49	25 15	3 45	23 5	0 30	21 8	0 31	21 33	0 23	22 42	0 55	0 18	2 35	18 4	0 6	9 26	1 55	26 50	17 18	6 54		6 29		21 17			n.a.
T 31	23s49	27s34	4s22	22s41	0s17	21s24	0n28	21s42	0s24	22s40	0s55	0n17	2n35	18n 3	0s 6	9s26	1n55	26n50	17n19	6n50		6n28		21s19			n.a.

Julian Day Number = 1359064.5, Delta T = 07h00m34s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°46'19, Lahiri = -17°39'18 Julian Calendar 1 Dec. 993 BCE == Greg. Calendar 22 Nov. 993 BCE

The year -992 astronomical counting style corresponds to year 993 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 992 BCE
geocentric

JANUARY 992 BCE (-991) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 4 12	2♑21'43	29♐37	20♑30	8♐27	4♐56	23♑36	5♎11	20°R27	28♎50	2°R18	16°R54	16♈ 8	21♏42	n.a.	F 1
S 2	6 8 8	3°22'31	11♑54	21°36	9°41	5°42	23°50	5°13	20♉25	28°51	2♍17	16♈40	16° 4	21°49	n.a.	S 2
S 3	6 12 5	4°23'17	24°21	22°34	10°56	6°28	24° 4	5°15	20°24	28°52	2°16	16°26	16° 1	21°55	n.a.	S 3
M 4	6 16 1	5°24'02	6♒58	23°25	12°10	7°14	24°18	5°17	20°22	28°54	2°16	16°14	15°58	22° 2	n.a.	M 4
T 5	6 19 58	6°24'45	19°47	24° 8	13°25	8° 0	24°32	5°19	20°20	28°55	2°15	16° 4	15°55	22° 9	n.a.	T 5
W 6	6 23 54	7°25'26	2♓46	24°41	14°39	8°46	24°46	5°21	20°19	28°56	2°14	15°57	15°52	22°15	n.a.	W 6
T 7	6 27 51	8°26'05	15°59	25° 4	15°54	9°32	25° 0	5°22	20°17	28°57	2°13	15°53	15°49	22°22	n.a.	T 7
F 8	6 31 47	9°26'43	29°25	25°17	17° 9	10°18	25°14	5°24	20°16	28°58	2°13	15°52	15°45	22°29	n.a.	F 8
S 9	6 35 44	10°27'18	13♈ 8	25°R20	18°23	11° 4	25°28	5°25	20°14	28°59	2°12	15°52	15°42	22°35	n.a.	S 9
S 10	6 39 41	11°27'52	27° 7	25°12	19°38	11°50	25°43	5°26	20°13	29° 0	2°11	15°51	15°39	22°42	n.a.	S 10
M11	6 43 37	12°28'23	11♉24	24°54	20°52	12°36	25°57	5°28	20°12	29° 1	2°10	15°50	15°36	22°49	n.a.	M11
T 12	6 47 34	13°28'53	25°57	24°26	22° 7	13°22	26°11	5°29	20°10	29° 2	2° 9	15°46	15°33	22°55	n.a.	T 12
W13	6 51 30	14°29'20	10♊42	23°48	23°21	14° 9	26°25	5°30	20° 9	29° 3	2° 8	15°39	15°30	23° 2	n.a.	W13
T 14	6 55 27	15°29'46	25°32	23° 3	24°36	14°55	26°40	5°31	20° 8	29° 4	2° 7	15°30	15°26	23° 9	n.a.	T 14
F 15	6 59 23	16°30'09	10♋20	22°10	25°50	15°41	26°54	5°32	20° 7	29° 4	2° 6	15°18	15°23	23°15	n.a.	F 15
S 16	7 3 20	17°30'31	24°56	21°12	27° 5	16°27	27° 8	5°32	20° 6	29° 5	2° 5	15° 6	15°20	23°22	n.a.	S 16
S 17	7 7 17	18°30'51	9♌14	20°10	28°19	17°13	27°23	5°33	20° 5	29° 6	2° 4	14°54	15°17	23°29	n.a.	S 17
M18	7 11 13	19°31'09	23° 7	19° 5	29°34	18° 0	27°37	5°33	20° 4	29° 7	2° 3	14°45	15°14	23°35	n.a.	M18
T 19	7 15 10	20°31'26	6♍33	18° 0	0♑48	18°46	27°51	5°34	20° 3	29° 7	2° 2	14°37	15°10	23°42	n.a.	T 19
W20	7 19 6	21°31'40	19°32	16°55	2° 2	19°32	28° 6	5°34	20° 2	29° 8	2° 1	14°33	15° 7	23°49	n.a.	W20
T 21	7 23 3	22°31'53	2♎ 8	15°53	3°17	20°18	28°20	5°34	20° 1	29° 9	1°59	14°31	15° 4	23°55	n.a.	T 21
F 22	7 26 59	23°32'04	14°24	14°54	4°31	21° 5	28°35	5°35	20° 0	29° 9	1°58	14°D30	15° 1	24° 2	n.a.	F 22
S 23	7 30 56	24°32'14	26°25	14° 0	5°46	21°51	28°49	5°R35	20° 0	29°10	1°57	14°R31	14°58	24° 9	n.a.	S 23
S 24	7 34 52	25°32'21	8♏16	13°11	7° 0	22°37	29° 4	5°34	19°59	29°10	1°56	14°30	14°55	24°15	n.a.	S 24
M25	7 38 49	26°32'28	20° 5	12°29	8°15	23°24	29°18	5°34	19°58	29°11	1°55	14°28	14°51	24°22	n.a.	M25
T 26	7 42 45	27°32'32	1♐54	11°53	9°29	24°10	29°32	5°34	19°58	29°11	1°53	14°23	14°48	24°29	n.a.	T 26
W27	7 46 42	28°32'34	13°50	11°24	10°43	24°57	29°47	5°34	19°57	29°12	1°52	14°15	14°45	24°36	n.a.	W27
T 28	7 50 39	29°32'35	25°54	11° 2	11°58	25°43	0♒ 1	5°33	19°57	29°12	1°51	14° 5	14°42	24°42	n.a.	T 28
F 29	7 54 35	0♒32'34	8♑11	10°46	13°12	26°29	0°16	5°33	19°56	29°13	1°49	13°53	14°39	24°49	n.a.	F 29
S 30	7 58 32	1°32'31	20°41	10°38	14°27	27°16	0°30	5°32	19°56	29°13	1°48	13°40	14°36	24°56	n.a.	S 30
S 31	8 2 28	2♒32'26	3♒25	10°D35	15♑41	28♐ 2	0♒45	5♎31	19♉56	29♎13	1♍47	13♈27	14♈32	25♏ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s48	28s36	4s47	22s17	0s 3	21s39	0n25	21s52	0s25	22s37	0s55	0n17	2n35	18n 3	0s 6	9s27	1n55	26n51	17n20	6n45	6n26	21s22		n.a.
S 2	23 46	28 14	4 59	21 52	0n11	21 53	0 23	22 1	0 26	22 35	0 55	0 16	2 35	18 2	0 6	9 27	1 55	26 52	17 20	6 39	6 25	21 24		n.a.
S 3	23 45	26 28	4 57	21 27	0 26	22 6	0 20	22 10	0 26	22 32	0 55	0 15	2 36	18 2	0 6	9 27	1 55	26 53	17 21	6 34	6 24	21 27		n.a.
M 4	23 42	23 21	4 41	21 3	0 42	22 19	0 17	22 18	0 27	22 30	0 55	0 15	2 36	18 2	0 6	9 28	1 55	26 53	17 21	6 29	6 23	21 29		n.a.
T 5	23 39	19 4	4 11	20 39	0 59	22 32	0 15	22 27	0 28	22 27	0 55	0 14	2 36	18 1	0 6	9 28	1 55	26 54	17 22	6 25	6 21	21 32		n.a.
W 6	23 36	13 51	3 27	20 17	1 16	22 43	0 12	22 35	0 28	22 25	0 55	0 14	2 36	18 1	0 6	9 28	1 55	26 55	17 22	6 22	6 20	21 34		n.a.
T 7	23 33	7 55	2 31	19 56	1 33	22 54	0 9	22 43	0 29	22 22	0 55	0 14	2 37	18 0	0 6	9 29	1 55	26 56	17 23	6 21	6 19	21 37		n.a.
F 8	23 28	1 32	1 26	19 36	1 50	23 4	0 7	22 50	0 30	22 20	0 55	0 13	2 37	18 0	0 6	9 29	1 55	26 56	17 23	6 20	6 18	21 39		n.a.
S 9	23 24	5n 3	0 14	19 19	2 7	23 14	0 4	22 58	0 31	22 17	0 55	0 13	2 37	18 0	0 6	9 29	1 55	26 57	17 24	6 20	6 16	21 42		n.a.
S 10	23 19	11 32	0n59	19 4	2 24	23 23	0 1	23 5	0 31	22 14	0 55	0 13	2 38	17 59	0 6	9 30	1 55	26 58	17 24	6 20	6 15	21 44		n.a.
M11	23 13	17 33	2 11	18 52	2 40	23 31	0s 1	23 12	0 32	22 12	0 55	0 12	2 38	17 59	0 6	9 30	1 55	26 59	17 25	6 19	6 14	21 46		n.a.
T 12	23 7	22 42	3 15	18 42	2 55	23 38	0 4	23 18	0 33	22 9	0 55	0 12	2 38	17 59	0 6	9 30	1 55	26 59	17 25	6 18	6 13	21 49		n.a.
W13	23 1	26 28	4 7	18 35	3 9	23 45	0 6	23 25	0 34	22 6	0 55	0 12	2 38	17 58	0 6	9 31	1 55	27 0	17 26	6 15	6 12	21 51		n.a.
T 14	22 54	28 26	4 42	18 30	3 21	23 51	0 9	23 31	0 34	22 4	0 55	0 12	2 39	17 58	0 6	9 31	1 56	27 1	17 26	6 12	6 10	21 54		n.a.
F 15	22 47	28 22	4 59	18 29	3 32	23 57	0 12	23 37	0 35	22 1	0 56	0 12	2 39	17 58	0 5	9 31	1 56	27 2	17 27	6 7	6 9	21 56		n.a.
S 16	22 39	26 19	4 56	18 29	3 40	24 1	0 14	23 42	0 36	21 58	0 56	0 12	2 39	17 57	0 5	9 31	1 56	27 3	17 27	6 2	6 8	21 59		n.a.
S 17	22 31	22 37	4 34	18 32	3 47	24 5	0 17	23 48	0 36	21 55	0 56	0 12	2 39	17 57	0 5	9 31	1 56	27 3	17 27	5 58	6 7	22 1		n.a.
M18	22 22	17 44	3 56	18 38	3 51	24 8	0 19	23 53	0 37	21 52	0 56	0 12	2 40	17 57	0 5	9 32	1 56	27 4	17 28	5 54	6 5	22 3		n.a.
T 19	22 13	12 7	3 6	18 44	3 53	24 10	0 22	23 58	0 38	21 50	0 56	0 12	2 40	17 57	0 5	9 32	1 56	27 5	17 28	5 51	6 4	22 6		n.a.
W20	22 4	6 10	2 8	18 53	3 52	24 12	0 24	24 2	0 39	21 47	0 56	0 12	2 40	17 56	0 5	9 32	1 56	27 6	17 29	5 49	6 3	22 8		n.a.
T 21	21 54	0 8	1 5	19 3	3 50	24 13	0 26	24 7	0 39	21 44	0 56	0 12	2 40	17 56	0 5	9 32	1 56	27 7	17 29	5 49	6 2	22 11		n.a.
F 22	21 44	5s45	0 1	19 14	3 46	24 13	0 29	24 11	0 40	21 41	0 56	0 12	2 41	17 56	0 5	9 32	1 56	27 8	17 29	5 48	6 0	22 13		n.a.
S 23	21 33	11 19	1s 3	19 26	3 39	24 12	0 31	24 14	0 41	21 38	0 56	0 12	2 41	17 56	0 5	9 33	1 56	27 8	17 30	5 48	5 59	22 15		n.a.
S 24	21 22	16 25	2 2	19 38	3 32	24 11	0 33	24 18	0 41	21 35	0 56	0 13	2 41	17 56	0 5	9 33	1 56	27 9	17 30	5 48	5 58	22 18		n.a.
M25	21 11	20 52	2 56	19 51	3 23	24 9	0 36	24 21	0 42	21 32	0 56	0 13	2 42	17 56	0 5	9 33	1 56	27 10	17 31	5 47	5 57	22 20		n.a.
T 26	20 59	24 30	3 43	20 5	3 12	24 6	0 38	24 24	0 43	21 29	0 56	0 13	2 42	17 55	0 5	9 33	1 56	27 11	17 31	5 45	5 55	22 22		n.a.
W27	20 47	27 7	4 20	20 18	3 1	24 3	0 40	24 27	0 44	21 26	0 56	0 14	2 42	17 55	0 5	9 33	1 56	27 12	17 31	5 42	5 54	22 25		n.a.
T 28	20 34	28 31	4 46	20 32	2 49	23 58	0 42	24 29	0 44	21 23	0 56	0 14	2 42	17 55	0 5	9 33	1 56	27 13	17 32	5 38	5 53	22 27		n.a.
F 29	20 21	28 32	4 59	20 46	2 37	23 53	0 44	24 31	0 45	21 20	0 56	0 15	2 43	17 55	0 5	9 33	1 56	27 13	17 32	5 34	5 52	22 29		n.a.
S 30	20 8	27 7	4 59	20 59	2 24	23 47	0 47	24 33	0 46	21 17	0 56	0 15	2 43	17 55	0 5	9 33	1 57	27 14	17 32	5 29	5 50	22 32		n.a.
S 31	19s54	24s17	4s43	21s12	2n11	23s41	0s49	24s34	0s46	21s14	0s57	0n16	2n43	17n55	0s 5	9s33	1n57	27n15	17n33	5n23	5n49	22s34		n.a.

Julian Day Number = 1359095.5, Delta T = 07h00m33s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°46'15, Lahiri = -17°39'14 Julian Calendar 1 Jan. 992 BCE == Greg. Calendar 23 Dec. 993 BCE

The year -991 astronomical counting style corresponds to year 992 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 992 BCE
geocentric

FEBRUARY 992 BCE (-991) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 6 25	3♒32'18	16♒22	10♑40	16♑55	28♐49	0♒59	5°R30	19°R56	29♎13	1°R45	13°R16	14♈29	25♏ 9	n.a.	M 1
T 2	8 10 21	4°32'09	29°32	10°50	18°10	29°35	1°14	5♎29	19♉55	29°14	1♍44	13♈ 6	14°26	25°16	n.a.	T 2
W 3	8 14 18	5°31'57	12♓52	11° 5	19°24	0♑21	1°28	5°28	19°55	29°14	1°42	13° 0	14°23	25°22	n.a.	W 3
T 4	8 18 14	6°31'43	26°23	11°26	20°38	1° 8	1°42	5°27	19°55	29°14	1°41	12°57	14°20	25°29	n.a.	T 4
F 5	8 22 11	7°31'26	10♈ 3	11°52	21°53	1°54	1°57	5°26	19°D55	29°14	1°39	12°D55	14°16	25°36	n.a.	F 5
S 6	8 26 8	8°31'07	23°52	12°23	23° 7	2°41	2°11	5°24	19°55	29°14	1°38	12°56	14°13	25°42	n.a.	S 6
S 7	8 30 4	9°30'46	7♉50	12°58	24°21	3°27	2°26	5°23	19°55	29°14	1°36	12°R56	14°10	25°49	n.a.	S 7
M 8	8 34 1	10°30'22	21°58	13°37	25°36	4°14	2°40	5°21	19°55	29°R14	1°35	12°56	14° 7	25°56	n.a.	M 8
T 9	8 37 57	11°29'56	6♊13	14°20	26°50	5° 0	2°54	5°19	19°55	29°14	1°33	12°53	14° 4	26° 2	n.a.	T 9
W10	8 41 54	12°29'28	20°35	15° 6	28° 4	5°47	3° 9	5°18	19°56	29°14	1°32	12°48	14° 1	26° 9	n.a.	W10
T 11	8 45 50	13°28'57	4♋58	15°56	29°19	6°33	3°23	5°16	19°56	29°14	1°30	12°41	13°57	26°16	n.a.	T 11
F 12	8 49 47	14°28'23	19°18	16°49	0♒33	7°20	3°37	5°14	19°56	29°14	1°29	12°32	13°54	26°22	n.a.	F 12
S 13	8 53 43	15°27'47	3♌29	17°46	1°47	8° 6	3°52	5°12	19°57	29°14	1°27	12°23	13°51	26°29	n.a.	S 13
S 14	8 57 40	16°27'09	17°27	18°45	3° 1	8°52	4° 6	5°10	19°57	29°14	1°25	12°14	13°48	26°36	n.a.	S 14
M15	9 1 37	17°26'29	1♍ 6	19°46	4°15	9°39	4°20	5° 8	19°58	29°14	1°24	12° 6	13°45	26°42	n.a.	M15
T 16	9 5 33	18°25'47	14°23	20°51	5°30	10°25	4°34	5° 5	19°58	29°13	1°22	12° 0	13°42	26°49	n.a.	T 16
W17	9 9 30	19°25'02	27°19	21°57	6°44	11°12	4°49	5° 3	19°59	29°13	1°21	11°57	13°38	26°56	n.a.	W17
T 18	9 13 26	20°24'16	9♎54	23° 6	7°58	11°58	5° 3	5° 0	19°59	29°13	1°19	11°D56	13°35	27° 2	n.a.	T 18
F 19	9 17 23	21°23'27	22°11	24°17	9°12	12°45	5°17	4°58	20° 0	29°12	1°17	11°56	13°32	27° 9	n.a.	F 19
S 20	9 21 19	22°22'37	4♏14	25°31	10°26	13°31	5°31	4°55	20° 1	29°12	1°16	11°57	13°29	27°16	n.a.	S 20
S 21	9 25 16	23°21'44	16° 9	26°46	11°41	14°18	5°45	4°53	20° 2	29°12	1°14	11°59	13°26	27°23	n.a.	S 21
M22	9 29 12	24°20'50	27°59	28° 3	12°55	15° 4	5°59	4°50	20° 3	29°11	1°12	11°R59	13°22	27°29	n.a.	M22
T 23	9 33 9	25°19'54	9♐51	29°22	14° 9	15°50	6°13	4°47	20° 4	29°11	1°11	11°57	13°19	27°36	n.a.	T 23
W24	9 37 5	26°18'56	21°49	0♒43	15°23	16°37	6°27	4°44	20° 5	29°10	1° 9	11°54	13°16	27°43	n.a.	W24
T 25	9 41 2	27°17'56	3♑57	2° 6	16°37	17°23	6°41	4°41	20° 6	29°10	1° 7	11°49	13°13	27°49	n.a.	T 25
F 26	9 44 59	28°16'54	16°20	3°31	17°51	18°10	6°55	4°38	20° 7	29° 9	1° 6	11°43	13°10	27°56	n.a.	F 26
S 27	9 48 55	29°15'51	28°59	4°57	19° 6	18°56	7° 9	4°35	20° 8	29° 9	1° 4	11°35	13° 7	28° 3	n.a.	S 27
S 28	9 52 52	0♓14'45	11♒57	6♒24	20♒20	19♑43	7♒23	4♎31	20♉ 9	29♎ 8	1♍ 2	11♈28	13♈ 3	28♏ 9	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s40	20s11	4s13	21s25	1n58	23s34	0s51	24s36	0s47	21s10	0s57	0n16	2n43	17n55	0s 5	9s33	1n57	27n16	17n33	5n19	5n48	22s36		n.a.
T 2	19 26	15 4	3 29	21 37	1 45	23 26	0 53	24 37	0 48	21 7	0 57	0 17	2 44	17 55	0 5	9 33	1 57	27 17	17 33	5 15	5 47	22 39		n.a.
W 3	19 11	9 10	2 32	21 49	1 32	23 17	0 54	24 37	0 48	21 4	0 57	0 18	2 44	17 55	0 5	9 33	1 57	27 18	17 34	5 13	5 45	22 41		n.a.
T 4	18 56	2 47	1 27	22 0	1 19	23 8	0 56	24 38	0 49	21 1	0 57	0 18	2 44	17 55	0 5	9 33	1 57	27 18	17 34	5 11	5 44	22 43		n.a.
F 5	18 41	3n48	0 15	22 11	1 6	22 58	0 58	24 38	0 50	20 58	0 57	0 19	2 44	17 55	0 5	9 33	1 57	27 19	17 34	5 11	5 43	22 46		n.a.
S 6	18 25	10 18	0n58	22 20	0 54	22 47	1 0	24 38	0 51	20 54	0 57	0 20	2 45	17 55	0 5	9 33	1 57	27 20	17 35	5 11	5 42	22 48		n.a.
S 7	18 9	16 22	2 9	22 29	0 41	22 36	1 2	24 37	0 51	20 51	0 57	0 21	2 45	17 55	0 5	9 33	1 57	27 21	17 35	5 11	5 40	22 50		n.a.
M 8	17 53	21 38	3 12	22 37	0 29	22 23	1 3	24 37	0 52	20 48	0 57	0 22	2 45	17 55	0 5	9 33	1 57	27 22	17 35	5 11	5 39	22 52		n.a.
T 9	17 36	25 42	4 5	22 44	0 18	22 11	1 5	24 36	0 53	20 45	0 57	0 22	2 45	17 55	0 5	9 33	1 57	27 22	17 35	5 10	5 38	22 55		n.a.
W10	17 19	28 10	4 42	22 50	0 6	21 57	1 6	24 34	0 53	20 41	0 57	0 23	2 45	17 55	0 5	9 33	1 57	27 23	17 36	5 8	5 37	22 57		n.a.
T 11	17 2	28 45	5 2	22 55	0s 5	21 43	1 8	24 33	0 54	20 38	0 57	0 24	2 46	17 55	0 5	9 33	1 57	27 24	17 36	5 5	5 35	22 59		n.a.
F 12	16 45	27 23	5 2	22 59	0 15	21 29	1 9	24 31	0 55	20 35	0 58	0 25	2 46	17 55	0 5	9 33	1 57	27 25	17 36	5 2	5 34	23 1		n.a.
S 13	16 27	24 17	4 44	23 2	0 25	21 13	1 11	24 29	0 55	20 31	0 58	0 26	2 46	17 55	0 5	9 33	1 57	27 26	17 36	4 58	5 33	23 4		n.a.
S 14	16 9	19 48	4 9	23 4	0 35	20 57	1 12	24 27	0 56	20 28	0 58	0 27	2 46	17 55	0 5	9 33	1 57	27 26	17 36	4 54	5 32	23 6		n.a.
M15	15 51	14 22	3 21	23 4	0 45	20 41	1 13	24 24	0 57	20 25	0 58	0 28	2 47	17 56	0 5	9 33	1 57	27 27	17 37	4 51	5 30	23 8		n.a.
T 16	15 32	8 25	2 22	23 3	0 54	20 24	1 14	24 21	0 57	20 21	0 58	0 30	2 47	17 56	0 5	9 32	1 58	27 28	17 37	4 49	5 29	23 10		n.a.
W17	15 14	2 16	1 18	23 1	1 2	20 6	1 16	24 18	0 58	20 18	0 58	0 31	2 47	17 56	0 5	9 32	1 58	27 29	17 37	4 48	5 28	23 13		n.a.
T 18	14 55	3s49	0 11	22 57	1 10	19 48	1 17	24 14	0 59	20 15	0 58	0 32	2 47	17 56	0 5	9 32	1 58	27 29	17 37	4 47	5 27	23 15		n.a.
F 19	14 36	9 37	0s55	22 52	1 18	19 29	1 18	24 11	0 59	20 11	0 58	0 33	2 47	17 56	0 5	9 32	1 58	27 30	17 37	4 47	5 25	23 17		n.a.
S 20	14 16	14 58	1 57	22 46	1 25	19 10	1 19	24 7	1 0	20 8	0 58	0 34	2 48	17 57	0 5	9 32	1 58	27 31	17 37	4 48	5 24	23 19		n.a.
S 21	13 57	19 42	2 54	22 38	1 32	18 50	1 20	24 2	1 0	20 4	0 59	0 36	2 48	17 57	0 5	9 32	1 58	27 32	17 37	4 48	5 23	23 22		n.a.
M22	13 37	23 38	3 42	22 29	1 38	18 29	1 21	23 58	1 1	20 1	0 59	0 37	2 48	17 57	0 5	9 31	1 58	27 32	17 38	4 48	5 22	23 24		n.a.
T 23	13 17	26 35	4 22	22 18	1 44	18 8	1 21	23 53	1 2	19 58	0 59	0 38	2 48	17 57	0 5	9 31	1 58	27 33	17 38	4 48	5 20	23 26		n.a.
W24	12 56	28 23	4 50	22 6	1 50	17 47	1 22	23 48	1 2	19 54	0 59	0 40	2 48	17 58	0 5	9 31	1 58	27 34	17 38	4 47	5 19	23 28		n.a.
T 25	12 36	28 51	5 6	21 52	1 55	17 25	1 23	23 42	1 3	19 51	0 59	0 41	2 49	17 58	0 5	9 31	1 58	27 35	17 38	4 45	5 18	23 30		n.a.
F 26	12 15	27 53	5 7	21 36	1 59	17 2	1 23	23 37	1 4	19 47	0 59	0 42	2 49	17 58	0 5	9 30	1 58	27 35	17 38	4 42	5 17	23 32		n.a.
S 27	11 55	25 29	4 55	21 19	2 3	16 39	1 24	23 31	1 4	19 44	0 59	0 44	2 49	17 59	0 5	9 30	1 58	27 36	17 38	4 39	5 15	23 35		n.a.
S 28	11s34	21s44	4s26	21s 1	2s 7	16s16	1s24	23s25	1s 5	19s40	0s59	0n45	2n49	17n59	0s 5	9s30	1n58	27n37	17n38	4n36	5n14	23s37		n.a.

Julian Day Number = 1359126.5, Delta T = 07h00m31s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°46'10, Lahiri = -17°39'10 Julian Calendar 1 Feb. 992 BCE == Greg. Calendar 23 Jan. 992 BCE

The year -991 astronomical counting style corresponds to year 992 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 992 BCE
geocentric

MARCH 992 BCE (-991) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 56 48	1♓13'37	25♒12	7♒54	21♒34	20♉29	7♒37	4°R28	20♉10	29°R 7	1°R 1	11°R21	13♈ 0	28♏16	n.a.	M 1
T 2	10 0 45	2°12'26	8♓43	9°25	22°48	21°15	7°51	4♎25	20°11	29♎ 7	0♍59	11♈16	12°57	28°23	n.a.	T 2
W 3	10 4 41	3°11'14	22°28	10°58	24° 2	22° 2	8° 4	4°21	20°13	29° 6	0°57	11°13	12°54	28°29	n.a.	W 3
T 4	10 8 38	4°10'00	6♈24	12°32	25°16	22°48	8°18	4°18	20°14	29° 5	0°56	11°D11	12°51	28°36	n.a.	T 4
F 5	10 12 34	5° 8'43	20°28	14° 8	26°30	23°34	8°32	4°14	20°15	29° 5	0°54	11°11	12°47	28°43	n.a.	F 5
S 6	10 16 31	6° 7'24	4♉37	15°45	27°44	24°21	8°45	4°11	20°17	29° 4	0°52	11°12	12°44	28°49	n.a.	S 6
S 7	10 20 28	7° 6'02	18°48	17°24	28°58	25° 7	8°59	4° 7	20°18	29° 3	0°51	11°14	12°41	28°56	n.a.	S 7
M 8	10 24 24	8° 4'38	3♊ 0	19° 4	0♓12	25°53	9°12	4° 3	20°20	29° 2	0°49	11°R15	12°38	29° 3	n.a.	M 8
T 9	10 28 21	9° 3'12	17°10	20°46	1°26	26°39	9°26	3°59	20°22	29° 1	0°47	11°15	12°35	29°10	n.a.	T 9
W10	10 32 17	10° 1'44	1♋17	22°30	2°40	27°26	9°39	3°56	20°23	29° 0	0°46	11°13	12°32	29°16	n.a.	W10
T 11	10 36 14	11° 0'13	15°18	24°15	3°54	28°12	9°53	3°52	20°25	28°59	0°44	11°10	12°28	29°23	n.a.	T 11
F 12	10 40 10	11°58'40	29°11	26° 2	5° 8	28°58	10° 6	3°48	20°27	28°58	0°42	11° 6	12°25	29°30	n.a.	F 12
S 13	10 44 7	12°57'05	12♌54	27°51	6°22	29°44	10°19	3°44	20°29	28°57	0°41	11° 2	12°22	29°36	n.a.	S 13
S 14	10 48 3	13°55'27	26°25	29°41	7°36	0♒30	10°33	3°40	20°30	28°56	0°39	10°58	12°19	29°43	n.a.	S 14
M15	10 52 0	14°53'48	9♍40	1♓32	8°50	1°16	10°46	3°36	20°32	28°55	0°38	10°54	12°16	29°50	n.a.	M15
T 16	10 55 56	15°52'06	22°40	3°26	10° 4	2° 2	10°59	3°32	20°34	28°54	0°36	10°52	12°13	29°56	n.a.	T 16
W17	10 59 53	16°50'22	5♎23	5°20	11°18	2°48	11°12	3°27	20°36	28°53	0°34	10°D51	12° 9	0♐ 3	n.a.	W17
T 18	11 3 50	17°48'37	17°50	7°17	12°32	3°34	11°25	3°23	20°38	28°52	0°33	10°51	12° 6	0°10	n.a.	T 18
F 19	11 7 46	18°46'49	0♏ 3	9°15	13°46	4°20	11°38	3°19	20°40	28°51	0°31	10°52	12° 3	0°16	n.a.	F 19
S 20	11 11 43	19°45'00	12° 6	11°15	15° 0	5° 6	11°51	3°15	20°42	28°50	0°30	10°53	12° 0	0°23	n.a.	S 20
S 21	11 15 39	20°43'10	24° 0	13°16	16°14	5°52	12° 3	3°10	20°45	28°49	0°28	10°55	11°57	0°30	n.a.	S 21
M22	11 19 36	21°41'18	5♐52	15°18	17°28	6°38	12°16	3° 6	20°47	28°48	0°27	10°56	11°53	0°36	n.a.	M22
T 23	11 23 32	22°39'24	17°44	17°22	18°42	7°24	12°29	3° 2	20°49	28°46	0°25	10°R57	11°50	0°43	n.a.	T 23
W24	11 27 29	23°37'29	29°43	19°28	19°55	8°10	12°41	2°57	20°51	28°45	0°24	10°57	11°47	0°50	n.a.	W24
T 25	11 31 25	24°35'32	11♑52	21°34	21° 9	8°56	12°54	2°53	20°53	28°44	0°22	10°56	11°44	0°57	n.a.	T 25
F 26	11 35 22	25°33'34	24°16	23°42	22°23	9°42	13° 6	2°49	20°56	28°43	0°21	10°55	11°41	1° 3	n.a.	F 26
S 27	11 39 19	26°31'34	6♒59	25°50	23°37	10°28	13°19	2°44	20°58	28°41	0°19	10°53	11°38	1°10	n.a.	S 27
S 28	11 43 15	27°29'32	20° 2	27°59	24°51	11°13	13°31	2°40	21° 1	28°40	0°18	10°51	11°34	1°17	n.a.	S 28
M29	11 47 12	28°27'29	3♓28	0♈ 9	26° 5	11°59	13°43	2°35	21° 3	28°39	0°16	10°49	11°31	1°23	n.a.	M29
T 30	11 51 8	29°25'24	17°15	2°19	27°19	12°45	13°56	2°31	21° 6	28°37	0°15	10°48	11°28	1°30	n.a.	T 30
W31	11 55 5	0♈23'18	1♈21	4♈28	28♓32	13♒30	14♒ 8	2♎26	21♉ 8	28♎36	0♍13	10♈48	11♈25	1♐37	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	11s12	16s49	3s43	20s40	2s10	15s52	1s25	23s18	1s 5	19s37	1s 0	0n47	2n49	17n59	0s 5	9s30	1n58	27n37	17n38	4n33	5n13	23s39			n.a.
T 2	10 51	11 0	2 47	20 18	2 13	15 28	1 25	23 12	1 6	19 33	1 0	0 48	2 50	18 0	0 5	9 29	1 58	27 38	17 38	4 31	5 12	23 41			n.a.
W 3	10 30	4 34	1 40	19 55	2 15	15 4	1 25	23 5	1 7	19 30	1 0	0 50	2 50	18 0	0 5	9 29	1 58	27 39	17 38	4 30	5 10	23 43			n.a.
T 4	10 8	2n11	0 26	19 30	2 17	14 38	1 26	22 58	1 7	19 26	1 0	0 51	2 50	18 0	0 5	9 29	1 58	27 39	17 38	4 30	5 9	23 45			n.a.
F 5	9 46	8 54	0n50	19 3	2 18	14 13	1 26	22 50	1 8	19 23	1 0	0 53	2 50	18 1	0 5	9 28	1 59	27 40	17 38	4 30	5 8	23 48			n.a.
S 6	9 24	15 12	2 4	18 34	2 19	13 47	1 26	22 42	1 8	19 19	1 0	0 55	2 50	18 1	0 5	9 28	1 59	27 40	17 38	4 30	5 6	23 50			n.a.
S 7	9 2	20 44	3 11	18 4	2 19	13 21	1 26	22 35	1 9	19 16	1 0	0 56	2 50	18 2	0 5	9 28	1 59	27 41	17 38	4 31	5 5	23 52			n.a.
M 8	8 40	25 6	4 6	17 32	2 19	12 55	1 26	22 26	1 10	19 12	1 0	0 58	2 50	18 2	0 5	9 27	1 59	27 42	17 38	4 31	5 4	23 54			n.a.
T 9	8 18	27 55	4 45	16 58	2 18	12 28	1 26	22 18	1 10	19 9	1 1	0 59	2 51	18 2	0 5	9 27	1 59	27 42	17 38	4 31	5 3	23 56			n.a.
W10	7 56	28 56	5 8	16 22	2 16	12 1	1 26	22 9	1 11	19 5	1 1	1 1	2 51	18 3	0 5	9 27	1 59	27 43	17 38	4 30	5 1	23 58			n.a.
T 11	7 33	28 5	5 11	15 45	2 14	11 33	1 25	22 1	1 11	19 2	1 1	1 3	2 51	18 3	0 5	9 26	1 59	27 43	17 38	4 29	5 0	24 0			n.a.
F 12	7 11	25 29	4 57	15 6	2 12	11 5	1 25	21 51	1 12	18 58	1 1	1 4	2 51	18 4	0 5	9 26	1 59	27 44	17 38	4 28	4 59	24 2			n.a.
S 13	6 48	21 26	4 26	14 26	2 9	10 37	1 25	21 42	1 12	18 55	1 1	1 6	2 51	18 4	0 5	9 26	1 59	27 44	17 38	4 26	4 58	24 4			n.a.
S 14	6 25	16 21	3 40	13 43	2 6	10 9	1 24	21 33	1 13	18 51	1 1	1 8	2 51	18 5	0 5	9 25	1 59	27 45	17 37	4 24	4 56	24 6			n.a.
M15	6 2	10 34	2 43	12 59	2 2	9 41	1 24	21 23	1 13	18 48	1 2	1 10	2 51	18 5	0 5	9 25	1 59	27 45	17 37	4 23	4 55	24 8			n.a.
T 16	5 39	4 27	1 38	12 13	1 57	9 12	1 23	21 13	1 14	18 44	1 2	1 11	2 51	18 6	0 5	9 24	1 59	27 46	17 37	4 22	4 54	24 11			n.a.
W17	5 17	1s43	0 30	11 26	1 52	8 43	1 23	21 3	1 14	18 41	1 2	1 13	2 51	18 6	0 5	9 24	1 59	27 46	17 37	4 22	4 53	24 13			n.a.
T 18	4 53	7 42	0s38	10 37	1 46	8 13	1 22	20 52	1 15	18 37	1 2	1 15	2 51	18 7	0 5	9 23	1 59	27 47	17 37	4 22	4 51	24 15			n.a.
F 19	4 30	13 17	1 44	9 46	1 40	7 44	1 21	20 42	1 15	18 34	1 2	1 17	2 52	18 8	0 5	9 23	1 59	27 47	17 37	4 22	4 50	24 17			n.a.
S 20	4 7	18 18	2 44	8 54	1 33	7 14	1 21	20 31	1 16	18 30	1 2	1 18	2 52	18 8	0 5	9 23	1 59	27 48	17 37	4 23	4 49	24 19			n.a.
S 21	3 44	22 33	3 36	8 0	1 26	6 44	1 20	20 20	1 16	18 27	1 3	1 20	2 52	18 9	0 5	9 22	1 59	27 48	17 36	4 23	4 48	24 21			n.a.
M22	3 21	25 52	4 19	7 5	1 18	6 14	1 19	20 9	1 17	18 23	1 3	1 22	2 52	18 9	0 5	9 22	1 59	27 49	17 36	4 24	4 46	24 23			n.a.
T 23	2 58	28 3	4 50	6 8	1 10	5 44	1 18	19 57	1 17	18 20	1 3	1 24	2 52	18 10	0 5	9 21	1 59	27 49	17 36	4 24	4 45	24 25			n.a.
W24	2 34	28 59	5 10	5 11	1 2	5 14	1 17	19 46	1 18	18 16	1 3	1 26	2 52	18 11	0 5	9 21	1 59	27 49	17 36	4 24	4 44	24 27			n.a.
T 25	2 11	28 31	5 16	4 12	0 53	4 43	1 16	19 34	1 18	18 13	1 3	1 27	2 52	18 11	0 5	9 20	1 59	27 50	17 36	4 24	4 43	24 29			n.a.
F 26	1 48	26 38	5 7	3 12	0 43	4 12	1 15	19 22	1 19	18 9	1 3	1 29	2 52	18 12	0 5	9 20	1 59	27 50	17 35	4 23	4 41	24 31			n.a.
S 27	1 24	23 23	4 44	2 11	0 33	3 42	1 14	19 10	1 19	18 6	1 4	1 31	2 52	18 13	0 5	9 19	1 59	27 51	17 35	4 22	4 40	24 33			n.a.
S 28	1 1	18 54	4 5	1 10	0 23	3 11	1 12	18 57	1 20	18 3	1 4	1 33	2 52	18 13	0 4	9 19	1 59	27 51	17 35	4 22	4 39	24 35			n.a.
M29	0 37	13 22	3 12	0 8	0 13	2 40	1 11	18 45	1 20	17 59	1 4	1 35	2 52	18 14	0 4	9 18	2 0	27 51	17 35	4 21	4 38	24 37			n.a.
T 30	0 14	7 3	2 7	0n54	0 2	2 9	1 10	18 32	1 20	17 56	1 4	1 37	2 52	18 15	0 4	9 18	2 0	27 52	17 35	4 20	4 36	24 39			n.a.
W31	0n 9	0s15	0s52	1n56	0n 9	1s38	1s 8	18s19	1s21	17s52	1s 4	1n38	2n52	18n15	0s 4	9s17	2n 0	27n52	17n34	4n20	4n35	24s41			n.a.

Julian Day Number = 1359154.5, Delta T = 07h00m30s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°46'07, Lahiri = -17°39'06 Julian Calendar 1 March 992 BCE == Greg. Calendar 20 Feb. 992 BCE

The year -991 astronomical counting style corresponds to year 992 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 992 BCE
geocentric

APRIL 992 BCE (-991) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 59 1	1♈21'10	15♈42	6♈38	29♓46	14♒16	14♒20	2°R22	21♉11	28°R35	0°R12	10°D48	11♈22	1♐43	n.a.	T 1
F 2	12 2 58	2°19'00	0♉13	8°47	1♈ 0	15° 2	14°32	2♎17	21°13	28♎33	0♍11	10♈48	11°19	1°50	n.a.	F 2
S 3	12 6 54	3°16'49	14°48	10°55	2°14	15°47	14°43	2°13	21°16	28°32	0° 9	10°48	11°15	1°57	n.a.	S 3
S 4	12 10 51	4°14'36	29°21	13° 1	3°28	16°33	14°55	2° 8	21°19	28°30	0° 8	10°49	11°12	2° 3	n.a.	S 4
M 5	12 14 47	5°12'21	13♊48	15° 7	4°42	17°18	15° 7	2° 4	21°21	28°29	0° 7	10°50	11° 9	2°10	n.a.	M 5
T 6	12 18 44	6°10'04	28° 5	17°10	5°55	18° 3	15°18	2° 0	21°24	28°28	0° 5	10°50	11° 6	2°17	n.a.	T 6
W 7	12 22 41	7° 7'46	12♋ 9	19°12	7° 9	18°49	15°30	1°55	21°27	28°26	0° 4	10°R50	11° 3	2°24	n.a.	W 7
T 8	12 26 37	8° 5'26	25°59	21°11	8°23	19°34	15°41	1°51	21°30	28°25	0° 3	10°50	10°59	2°30	n.a.	T 8
F 9	12 30 34	9° 3'04	9♌34	23° 8	9°37	20°19	15°53	1°46	21°33	28°23	0° 2	10°50	10°56	2°37	n.a.	F 9
S 10	12 34 30	10° 0'40	22°55	25° 3	10°50	21° 5	16° 4	1°42	21°35	28°22	0° 0	10°49	10°53	2°44	n.a.	S 10
S 11	12 38 27	10°58'14	6♍ 0	26°55	12° 4	21°50	16°15	1°37	21°38	28°20	29♌59	10°D49	10°50	2°50	n.a.	S 11
M12	12 42 23	11°55'47	18°52	28°44	13°18	22°35	16°26	1°33	21°41	28°19	29°58	10°49	10°47	2°57	n.a.	M12
T 13	12 46 20	12°53'19	1♎31	0♉30	14°32	23°20	16°37	1°29	21°44	28°17	29°57	10°50	10°44	3° 4	n.a.	T 13
W14	12 50 16	13°50'49	13°57	2°13	15°45	24° 5	16°48	1°24	21°47	28°15	29°56	10°R50	10°40	3°10	n.a.	W14
T 15	12 54 13	14°48'18	26°12	3°53	16°59	24°50	16°59	1°20	21°50	28°14	29°55	10°49	10°37	3°17	n.a.	T 15
F 16	12 58 10	15°45'45	8♏18	5°30	18°13	25°35	17° 9	1°16	21°53	28°12	29°54	10°49	10°34	3°24	n.a.	F 16
S 17	13 2 6	16°43'12	20°16	7° 3	19°26	26°20	17°20	1°12	21°56	28°11	29°53	10°48	10°31	3°30	n.a.	S 17
S 18	13 6 3	17°40'37	2♐10	8°34	20°40	27° 5	17°30	1° 7	21°59	28° 9	29°52	10°48	10°28	3°37	n.a.	S 18
M19	13 9 59	18°38'02	14° 1	10° 1	21°54	27°50	17°41	1° 3	22° 2	28° 8	29°51	10°47	10°24	3°44	n.a.	M19
T 20	13 13 56	19°35'25	25°54	11°25	23° 7	28°34	17°51	0°59	22° 6	28° 6	29°50	10°46	10°21	3°51	n.a.	T 20
W21	13 17 52	20°32'48	7♑52	12°46	24°21	29°19	18° 1	0°55	22° 9	28° 4	29°49	10°45	10°18	3°57	n.a.	W21
T 22	13 21 49	21°30'10	20° 0	14° 3	25°35	0♓ 4	18°11	0°51	22°12	28° 3	29°48	10°D45	10°15	4° 4	n.a.	T 22
F 23	13 25 45	22°27'31	2♒22	15°17	26°49	0°48	18°21	0°47	22°15	28° 1	29°47	10°45	10°12	4°11	n.a.	F 23
S 24	13 29 42	23°24'52	15° 2	16°27	28° 2	1°33	18°31	0°43	22°18	28° 0	29°46	10°45	10° 9	4°17	n.a.	S 24
S 25	13 33 39	24°22'11	28° 4	17°34	29°16	2°17	18°40	0°39	22°22	27°58	29°46	10°46	10° 5	4°24	n.a.	S 25
M26	13 37 35	25°19'30	11♓31	18°37	0♉30	3° 2	18°50	0°35	22°25	27°56	29°45	10°48	10° 2	4°31	n.a.	M26
T 27	13 41 32	26°16'48	25°24	19°37	1°43	3°46	18°59	0°31	22°28	27°55	29°44	10°49	9°59	4°37	n.a.	T 27
W28	13 45 28	27°14'05	9♈41	20°32	2°57	4°30	19° 9	0°28	22°32	27°53	29°43	10°R49	9°56	4°44	n.a.	W28
T 29	13 49 25	28°11'22	24°18	21°25	4°10	5°15	19°18	0°24	22°35	27°52	29°43	10°49	9°53	4°51	n.a.	T 29
F 30	13 53 21	29♈ 8'38	9♉11	22♉13	5♉24	5♓59	19♒27	0♎20	22♉38	27♎50	29♌42	10♈47	9♈50	4♐58	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n33	6n41	0n27	2n58	0n19	1s 7	1s 7	18s 6	1s21	17s49	1s 5	1n40	2n52	18n16	0s 4	9s17	2n 0	27n52	17n34	4n20	4n34	24s43		n.a.
F 2	0 56	13 22	1 46	3 59	0 30	0 36	1 5	17 53	1 22	17 46	1 5	1 42	2 52	18 17	0 4	9 16	2 0	27 52	17 34	4 20	4 32	24 45		n.a.
S 3	1 19	19 21	2 57	5 0	0 41	0 4	1 4	17 40	1 22	17 42	1 5	1 44	2 52	18 17	0 4	9 16	2 0	27 53	17 33	4 21	4 31	24 47		n.a.
S 4	1 43	24 12	3 58	6 0	0 51	0n27	1 2	17 26	1 23	17 39	1 5	1 46	2 52	18 18	0 4	9 15	2 0	27 53	17 33	4 21	4 30	24 49		n.a.
M 5	2 6	27 29	4 43	6 59	1 1	0 58	1 1	17 12	1 23	17 36	1 5	1 47	2 52	18 19	0 4	9 15	2 0	27 53	17 33	4 21	4 29	24 50		n.a.
T 6	2 29	28 57	5 9	7 56	1 11	1 29	0 59	16 59	1 23	17 32	1 6	1 49	2 52	18 20	0 4	9 14	2 0	27 53	17 32	4 21	4 27	24 52		n.a.
W 7	2 52	28 30	5 17	8 52	1 21	2 0	0 57	16 45	1 24	17 29	1 6	1 51	2 52	18 20	0 4	9 13	2 0	27 53	17 32	4 21	4 26	24 54		n.a.
T 8	3 15	26 17	5 6	9 46	1 30	2 32	0 55	16 31	1 24	17 26	1 6	1 53	2 52	18 21	0 4	9 13	2 0	27 54	17 32	4 21	4 25	24 56		n.a.
F 9	3 39	22 35	4 38	10 39	1 38	3 3	0 54	16 16	1 24	17 23	1 6	1 54	2 52	18 22	0 4	9 12	2 0	27 54	17 31	4 21	4 24	24 58		n.a.
S 10	4 2	17 48	3 56	11 29	1 46	3 34	0 52	16 2	1 25	17 20	1 6	1 56	2 52	18 23	0 4	9 12	2 0	27 54	17 31	4 21	4 22	25 0		n.a.
S 11	4 24	12 15	3 1	12 17	1 54	4 5	0 50	15 47	1 25	17 16	1 7	1 58	2 52	18 23	0 4	9 11	2 0	27 54	17 31	4 21	4 21	25 2		n.a.
M12	4 47	6 17	1 59	13 4	2 0	4 36	0 48	15 33	1 25	17 13	1 7	2 0	2 52	18 24	0 4	9 11	2 0	27 54	17 30	4 21	4 20	25 4		n.a.
T 13	5 10	0 10	0 51	13 47	2 6	5 6	0 46	15 18	1 26	17 10	1 7	2 1	2 52	18 25	0 4	9 10	2 0	27 54	17 30	4 21	4 19	25 6		n.a.
W14	5 33	5s51	0s17	14 29	2 12	5 37	0 44	15 3	1 26	17 7	1 7	2 3	2 52	18 26	0 4	9 9	2 0	27 54	17 30	4 21	4 17	25 8		n.a.
T 15	5 55	11 35	1 24	15 8	2 16	6 8	0 42	14 48	1 26	17 4	1 8	2 5	2 52	18 27	0 4	9 9	2 0	27 54	17 29	4 21	4 16	25 9		n.a.
F 16	6 18	16 48	2 27	15 46	2 20	6 38	0 40	14 33	1 27	17 1	1 8	2 6	2 51	18 27	0 4	9 8	2 0	27 54	17 29	4 21	4 15	25 11		n.a.
S 17	6 40	21 20	3 22	16 20	2 23	7 8	0 38	14 18	1 27	16 58	1 8	2 8	2 51	18 28	0 4	9 8	2 0	27 54	17 29	4 21	4 14	25 13		n.a.
S 18	7 3	24 58	4 8	16 53	2 26	7 39	0 36	14 2	1 27	16 55	1 8	2 9	2 51	18 29	0 4	9 7	2 0	27 54	17 28	4 20	4 12	25 15		n.a.
M19	7 25	27 31	4 43	17 23	2 27	8 9	0 34	13 47	1 28	16 52	1 8	2 11	2 51	18 30	0 4	9 7	2 0	27 54	17 28	4 20	4 11	25 17		n.a.
T 20	7 47	28 51	5 6	17 50	2 28	8 38	0 31	13 31	1 28	16 49	1 9	2 13	2 51	18 31	0 4	9 6	2 0	27 54	17 27	4 19	4 10	25 19		n.a.
W21	8 9	28 50	5 16	18 16	2 28	9 8	0 29	13 16	1 28	16 46	1 9	2 14	2 51	18 31	0 4	9 5	2 0	27 54	17 27	4 19	4 8	25 21		n.a.
T 22	8 31	27 27	5 12	18 39	2 27	9 37	0 27	13 0	1 28	16 43	1 9	2 16	2 51	18 32	0 4	9 5	2 0	27 54	17 26	4 19	4 7	25 22		n.a.
F 23	8 52	24 43	4 54	19 0	2 26	10 7	0 25	12 44	1 29	16 40	1 9	2 17	2 51	18 33	0 4	9 4	2 0	27 54	17 26	4 19	4 6	25 24		n.a.
S 24	9 14	20 44	4 22	19 18	2 23	10 35	0 23	12 28	1 29	16 37	1 10	2 19	2 51	18 34	0 4	9 4	2 0	27 54	17 26	4 19	4 5	25 26		n.a.
S 25	9 35	15 41	3 35	19 34	2 20	11 4	0 20	12 12	1 29	16 34	1 10	2 20	2 51	18 35	0 4	9 3	2 0	27 54	17 25	4 20	4 3	25 28		n.a.
M26	9 57	9 44	2 35	19 49	2 16	11 33	0 18	11 56	1 29	16 32	1 10	2 22	2 50	18 36	0 4	9 3	2 0	27 54	17 25	4 20	4 2	25 30		n.a.
T 27	10 18	3 8	1 24	20 1	2 11	12 1	0 16	11 40	1 29	16 29	1 10	2 23	2 50	18 37	0 4	9 2	2 0	27 54	17 24	4 21	4 1	25 31		n.a.
W28	10 39	3n48	0 6	20 10	2 5	12 29	0 13	11 24	1 30	16 26	1 11	2 24	2 50	18 38	0 4	9 1	2 0	27 53	17 24	4 21	4 0	25 33		n.a.
T 29	11 0	10 43	1n14	20 18	1 58	12 56	0 11	11 7	1 30	16 23	1 11	2 26	2 50	18 38	0 4	9 1	2 0	27 53	17 23	4 21	3 58	25 35		n.a.
F 30	11n20	17n 9	2n30	20n24	1n51	13n24	0s 9	10s51	1s30	16s21	1s11	2n27	2n50	18n39	0s 4	9s 0	2n 0	27n53	17n23	4n20	3n57	25s37		n.a.

Julian Day Number = 1359185.5, Delta T = 07h00m28s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°46'02, Lahiri = -17°39'02 Julian Calendar 1 Apr. 992 BCE == Greg. Calendar 23 March 992 BCE

The year -991 astronomical counting style corresponds to year 992 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 992 BCE
geocentric

MAY 992 BCE (-991) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 57 18	0♉ 5'53	24♉10	22♉57	6♉38	6♓43	19♒36	0°R17	22♉42	27°R48	29°R41	10°R45	9♈46	5♐ 4	n.a.	S 1
S 2	14 1 15	1° 3'07	9♊ 8	23°37	7°51	7°27	19°45	0♎13	22°45	27♎47	29♌41	10♈43	9°43	5°11	n.a.	S 2
M 3	14 5 11	2° 0'20	23°55	24°13	9° 5	8°11	19°53	0°10	22°48	27°45	29°40	10°40	9°40	5°18	n.a.	M 3
T 4	14 9 8	2°57'33	8♋27	24°45	10°19	8°55	20° 2	0° 6	22°52	27°43	29°40	10°38	9°37	5°24	n.a.	T 4
W 5	14 13 4	3°54'44	22°38	25°12	11°32	9°39	20°10	0° 3	22°55	27°42	29°39	10°37	9°34	5°31	n.a.	W 5
T 6	14 17 1	4°51'54	6♌27	25°35	12°46	10°23	20°18	29♍59	22°59	27°40	29°39	10°D36	9°30	5°38	n.a.	T 6
F 7	14 20 57	5°49'04	19°54	25°54	14° 0	11° 6	20°27	29°57	23° 2	27°39	29°38	10°37	9°27	5°44	n.a.	F 7
S 8	14 24 54	6°46'12	3♍ 1	26° 8	15°13	11°50	20°35	29°53	23° 6	27°37	29°38	10°38	9°24	5°51	n.a.	S 8
S 9	14 28 50	7°43'20	15°50	26°17	16°27	12°34	20°43	29°50	23° 9	27°35	29°38	10°40	9°21	5°58	n.a.	S 9
M10	14 32 47	8°40'26	28°24	26°22	17°40	13°17	20°50	29°47	23°13	27°34	29°37	10°41	9°18	6° 5	n.a.	M10
T 11	14 36 44	9°37'33	10♎45	26°R22	18°54	14° 1	20°58	29°44	23°16	27°32	29°37	10°R42	9°15	6°11	n.a.	T 11
W12	14 40 40	10°34'38	22°56	26°18	20° 7	14°44	21° 5	29°42	23°20	27°31	29°37	10°41	9°11	6°18	n.a.	W12
T 13	14 44 37	11°31'44	5♏ 0	26° 9	21°21	15°27	21°13	29°39	23°23	27°29	29°36	10°39	9° 8	6°25	n.a.	T 13
F 14	14 48 33	12°28'48	16°58	25°57	22°35	16°11	21°20	29°36	23°27	27°28	29°36	10°35	9° 5	6°31	n.a.	F 14
S 15	14 52 30	13°25'53	28°52	25°40	23°48	16°54	21°27	29°34	23°30	27°26	29°36	10°30	9° 2	6°38	n.a.	S 15
S 16	14 56 26	14°22'57	10♐43	25°19	25° 2	17°37	21°34	29°31	23°34	27°25	29°36	10°25	8°59	6°45	n.a.	S 16
M17	15 0 23	15°20'01	22°35	24°55	26°15	18°20	21°40	29°29	23°37	27°23	29°36	10°18	8°56	6°51	n.a.	M17
T 18	15 4 19	16°17'06	4♑29	24°28	27°29	19° 3	21°47	29°26	23°41	27°21	29°36	10°13	8°52	6°58	n.a.	T 18
W19	15 8 16	17°14'10	16°28	23°57	28°42	19°46	21°53	29°24	23°45	27°20	29°36	10° 8	8°49	7° 5	n.a.	W19
T 20	15 12 13	18°11'14	28°36	23°25	29°56	20°29	22° 0	29°22	23°48	27°18	29°D36	10° 4	8°46	7°12	n.a.	T 20
F 21	15 16 9	19° 8'18	10♒56	22°51	1♊10	21°11	22° 6	29°20	23°52	27°17	29°36	10° 2	8°43	7°18	n.a.	F 21
S 22	15 20 6	20° 5'23	23°32	22°16	2°23	21°54	22°12	29°18	23°55	27°16	29°36	10°D 2	8°40	7°25	n.a.	S 22
S 23	15 24 2	21° 2'27	6♓30	21°40	3°37	22°37	22°17	29°16	23°59	27°14	29°36	10° 3	8°36	7°32	n.a.	S 23
M24	15 27 59	21°59'32	19°52	21° 5	4°50	23°19	22°23	29°14	24° 3	27°13	29°36	10° 4	8°33	7°38	n.a.	M24
T 25	15 31 55	22°56'37	3♈40	20°30	6° 4	24° 2	22°28	29°12	24° 6	27°11	29°36	10°R 5	8°30	7°45	n.a.	T 25
W26	15 35 52	23°53'42	17°56	19°56	7°17	24°44	22°34	29°10	24°10	27°10	29°36	10° 5	8°27	7°52	n.a.	W26
T 27	15 39 49	24°50'48	2♉37	19°24	8°31	25°26	22°39	29° 9	24°13	27° 8	29°36	10° 3	8°24	7°58	n.a.	T 27
F 28	15 43 45	25°47'54	17°38	18°55	9°44	26° 8	22°44	29° 7	24°17	27° 7	29°37	10° 0	8°21	8° 5	n.a.	F 28
S 29	15 47 42	26°45'00	2♊51	18°28	10°58	26°51	22°49	29° 6	24°21	27° 6	29°37	9°54	8°17	8°12	n.a.	S 29
S 30	15 51 38	27°42'07	18° 5	18° 5	12°12	27°33	22°53	29° 4	24°24	27° 4	29°37	9°47	8°14	8°19	n.a.	S 30
M31	15 55 35	28♉39'13	3♋11	17♉45	13♊25	28♓14	22♒58	29♍ 3	24♉28	27♎ 3	29♌38	9♈40	8♈11	8♐25	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n41	22n36	3n37	20n27	1n43	13n51	0s 6	10s35	1s30	16s18	1s12	2n28	2n50	18n40	0s 4	9s 0	2n 0	27n53	17n22	4n19	3n56	25s38		n.a.
S 2	12 1	26 35	4 28	20 29	1 34	14 17	0 4	10 18	1 30	16 16	1 12	2 30	2 49	18 41	0 4	8 59	2 0	27 53	17 22	4 18	3 55	25 40		n.a.
M 3	12 21	28 41	5 1	20 28	1 24	14 44	0 1	10 2	1 31	16 13	1 12	2 31	2 49	18 42	0 4	8 58	2 0	27 52	17 21	4 17	3 53	25 42		n.a.
T 4	12 41	28 46	5 14	20 26	1 13	15 10	0n 1	9 45	1 31	16 11	1 12	2 32	2 49	18 43	0 4	8 58	2 0	27 52	17 21	4 16	3 52	25 44		n.a.
W 5	13 1	26 56	5 8	20 21	1 1	15 35	0 3	9 28	1 31	16 8	1 13	2 33	2 49	18 44	0 4	8 57	2 0	27 52	17 20	4 16	3 51	25 45		n.a.
T 6	13 21	23 31	4 43	20 15	0 49	16 0	0 6	9 12	1 31	16 6	1 13	2 35	2 49	18 45	0 4	8 57	2 0	27 52	17 20	4 16	3 49	25 47		n.a.
F 7	13 40	18 55	4 4	20 7	0 36	16 25	0 8	8 55	1 31	16 3	1 13	2 36	2 49	18 46	0 4	8 56	2 0	27 51	17 19	4 16	3 48	25 49		n.a.
S 8	13 59	13 32	3 12	19 57	0 22	16 49	0 11	8 38	1 31	16 1	1 13	2 37	2 48	18 46	0 4	8 56	2 0	27 51	17 19	4 16	3 47	25 51		n.a.
S 9	14 18	7 42	2 12	19 45	0 8	17 13	0 13	8 21	1 31	15 59	1 14	2 38	2 48	18 47	0 4	8 55	2 0	27 51	17 18	4 17	3 46	25 52		n.a.
M10	14 37	1 40	1 7	19 32	0s 7	17 37	0 15	8 4	1 31	15 56	1 14	2 39	2 48	18 48	0 4	8 55	2 0	27 50	17 18	4 18	3 44	25 54		n.a.
T 11	14 55	4s19	0s 0	19 17	0 22	18 0	0 18	7 47	1 32	15 54	1 14	2 40	2 48	18 49	0 4	8 54	2 0	27 50	17 17	4 18	3 43	25 56		n.a.
W12	15 14	10 5	1 7	19 1	0 38	18 23	0 20	7 30	1 32	15 52	1 15	2 41	2 48	18 50	0 4	8 53	2 0	27 50	17 17	4 18	3 42	25 57		n.a.
T 13	15 32	15 25	2 9	18 43	0 54	18 45	0 22	7 13	1 32	15 50	1 15	2 42	2 47	18 51	0 4	8 53	2 0	27 49	17 16	4 17	3 41	25 59		n.a.
F 14	15 49	20 7	3 5	18 24	1 11	19 6	0 25	6 56	1 32	15 48	1 15	2 43	2 47	18 52	0 4	8 52	2 0	27 49	17 16	4 15	3 39	26 1		n.a.
S 15	16 7	24 0	3 53	18 4	1 27	19 27	0 27	6 39	1 32	15 46	1 15	2 43	2 47	18 53	0 4	8 52	2 0	27 48	17 15	4 13	3 38	26 2		n.a.
S 16	16 24	26 52	4 30	17 43	1 44	19 48	0 29	6 22	1 32	15 44	1 16	2 44	2 47	18 54	0 4	8 51	2 0	27 48	17 15	4 11	3 37	26 4		n.a.
M17	16 41	28 32	4 56	17 21	2 0	20 8	0 32	6 5	1 32	15 42	1 16	2 45	2 47	18 55	0 4	8 51	2 0	27 48	17 14	4 9	3 36	26 6		n.a.
T 18	16 58	28 53	5 9	16 59	2 16	20 28	0 34	5 48	1 32	15 40	1 16	2 46	2 46	18 55	0 4	8 50	2 0	27 47	17 14	4 6	3 34	26 7		n.a.
W19	17 15	27 53	5 9	16 36	2 32	20 47	0 36	5 31	1 32	15 38	1 17	2 47	2 46	18 56	0 4	8 50	2 0	27 47	17 13	4 4	3 33	26 9		n.a.
T 20	17 31	25 34	4 54	16 14	2 47	21 5	0 39	5 14	1 32	15 37	1 17	2 47	2 46	18 57	0 4	8 49	2 0	27 46	17 13	4 3	3 32	26 11		n.a.
F 21	17 47	22 2	4 27	15 51	3 1	21 23	0 41	4 57	1 32	15 35	1 17	2 48	2 46	18 58	0 4	8 49	2 0	27 46	17 12	4 2	3 30	26 12		n.a.
S 22	18 3	17 25	3 46	15 29	3 15	21 40	0 43	4 40	1 32	15 33	1 18	2 49	2 45	18 59	0 4	8 48	2 0	27 45	17 12	4 2	3 29	26 14		n.a.
S 23	18 18	11 55	2 52	15 8	3 27	21 57	0 45	4 23	1 32	15 32	1 18	2 49	2 45	19 0	0 4	8 48	2 0	27 45	17 11	4 2	3 28	26 15		n.a.
M24	18 33	5 43	1 47	14 48	3 39	22 13	0 47	4 6	1 32	15 30	1 18	2 50	2 45	19 1	0 4	8 47	1 59	27 44	17 10	4 3	3 27	26 17		n.a.
T 25	18 48	0n57	0 35	14 29	3 49	22 28	0 49	3 49	1 32	15 28	1 19	2 50	2 45	19 2	0 4	8 47	1 59	27 44	17 10	4 3	3 25	26 19		n.a.
W26	19 2	7 48	0n42	14 12	3 57	22 43	0 52	3 32	1 32	15 27	1 19	2 51	2 45	19 3	0 4	8 46	1 59	27 43	17 9	4 3	3 24	26 20		n.a.
T 27	19 17	14 26	1 59	13 56	4 5	22 57	0 54	3 14	1 32	15 26	1 19	2 51	2 44	19 4	0 4	8 46	1 59	27 42	17 9	4 3	3 23	26 22		n.a.
F 28	19 31	20 22	3 9	13 42	4 10	23 11	0 56	2 57	1 32	15 24	1 19	2 51	2 44	19 5	0 4	8 45	1 59	27 42	17 8	4 1	3 22	26 23		n.a.
S 29	19 44	25 4	4 6	13 31	4 15	23 23	0 58	2 40	1 32	15 23	1 20	2 52	2 44	19 6	0 4	8 45	1 59	27 41	17 8	3 59	3 20	26 25		n.a.
S 30	19 57	28 1	4 46	13 22	4 18	23 36	1 0	2 23	1 32	15 22	1 20	2 52	2 44	19 6	0 4	8 44	1 59	27 41	17 7	3 56	3 19	26 26		n.a.
M31	20n10	28n52	5n 5	13n15	4s19	23n47	1n 1	2s 6	1s31	15s21	1s20	2n52	2n43	19n 7	0s 4	8s44	1n59	27n40	17n 7	3n53	3n18	26s28		n.a.

Julian Day Number = 1359215.5, Delta T = 07h00m27s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°45'58, Lahiri = -17°38'58 Julian Calendar 1 May 992 BCE == Greg. Calendar 22 Apr. 992 BCE

The year -991 astronomical counting style corresponds to year 992 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 992 BCE
geocentric

JUNE 992 BCE (-991) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 59 31	29♉36'20	17♋58	17°R30	14♊39	28♓56	23♒ 2	29°R 2	24♉31	27°R 2	29♎38	9°R34	8♈ 8	8♐32	n.a.	T 1
W 2	16 3 28	0♊33'26	2♌20	17♉19	15°52	29°38	23° 6	29♍ 1	24°35	27♏ 0	29°38	9♈29	8° 5	8°39	n.a.	W 2
T 3	16 7 24	1°30'33	16°16	17°14	17° 6	0♈20	23°10	29° 0	24°39	26°59	29°39	9°26	8° 2	8°45	n.a.	T 3
F 4	16 11 21	2°27'39	29°43	17°D13	18°19	1° 1	23°13	28°59	24°42	26°58	29°39	9°D25	7°58	8°52	n.a.	F 4
S 5	16 15 18	3°24'46	12♍46	17°17	19°33	1°43	23°17	28°59	24°46	26°57	29°40	9°25	7°55	8°59	n.a.	S 5
S 6	16 19 14	4°21'52	25°27	17°26	20°46	2°24	23°20	28°58	24°49	26°55	29°40	9°26	7°52	9° 6	n.a.	S 6
M 7	16 23 11	5°18'59	7♎51	17°41	22° 0	3° 5	23°24	28°57	24°53	26°54	29°41	9°R27	7°49	9°12	n.a.	M 7
T 8	16 27 7	6°16'06	20° 2	18° 1	23°13	3°46	23°26	28°57	24°56	26°53	29°42	9°26	7°46	9°19	n.a.	T 8
W 9	16 31 4	7°13'14	2♏ 4	18°26	24°27	4°27	23°29	28°56	25° 0	26°52	29°42	9°24	7°42	9°26	n.a.	W 9
T 10	16 35 0	8°10'22	14° 0	18°57	25°40	5° 8	23°32	28°56	25° 3	26°51	29°43	9°19	7°39	9°32	n.a.	T 10
F 11	16 38 57	9° 7'30	25°52	19°33	26°54	5°49	23°34	28°56	25° 7	26°50	29°44	9°11	7°36	9°39	n.a.	F 11
S 12	16 42 54	10° 4'39	7♐43	20°15	28° 7	6°30	23°37	28°D56	25°10	26°49	29°44	9° 2	7°33	9°46	n.a.	S 12
S 13	16 46 50	11° 1'49	19°35	21° 2	29°21	7°11	23°39	28°56	25°14	26°48	29°45	8°51	7°30	9°53	n.a.	S 13
M14	16 50 47	11°58'59	1♑30	21°54	0♋34	7°51	23°40	28°56	25°17	26°47	29°46	8°39	7°27	9°59	n.a.	M14
T 15	16 54 43	12°56'10	13°28	22°52	1°48	8°32	23°42	28°56	25°21	26°46	29°47	8°28	7°23	10° 6	n.a.	T 15
W16	16 58 40	13°53'22	25°31	23°55	3° 1	9°12	23°44	28°57	25°24	26°45	29°48	8°18	7°20	10°13	n.a.	W16
T 17	17 2 36	14°50'35	7♒43	25° 2	4°14	9°52	23°45	28°57	25°28	26°44	29°49	8°10	7°17	10°19	n.a.	T 17
F 18	17 6 33	15°47'49	20° 5	26°15	5°28	10°33	23°46	28°57	25°31	26°43	29°50	8° 5	7°14	10°26	n.a.	F 18
S 19	17 10 29	16°45'04	2♓42	27°32	6°41	11°13	23°47	28°58	25°35	26°42	29°51	8° 2	7°11	10°33	n.a.	S 19
S 20	17 14 26	17°42'20	15°36	28°55	7°55	11°53	23°48	28°59	25°38	26°41	29°52	8°D 1	7° 8	10°39	n.a.	S 20
M21	17 18 23	18°39'38	28°51	0♊21	9° 8	12°33	23°48	28°59	25°42	26°40	29°53	8° 2	7° 4	10°46	n.a.	M21
T 22	17 22 19	19°36'56	12♈32	1°53	10°22	13°12	23°48	29° 0	25°45	26°39	29°54	8°R 2	7° 1	10°53	n.a.	T 22
W23	17 26 16	20°34'16	26°38	3°28	11°35	13°52	23°R48	29° 1	25°48	26°39	29°55	8° 0	6°58	11° 0	n.a.	W23
T 24	17 30 12	21°31'37	11♉11	5° 7	12°48	14°31	23°48	29° 2	25°52	26°38	29°56	7°57	6°55	11° 6	n.a.	T 24
F 25	17 34 9	22°29'00	26° 6	6°51	14° 2	15°11	23°48	29° 4	25°55	26°37	29°57	7°51	6°52	11°13	n.a.	F 25
S 26	17 38 5	23°26'23	11♊17	8°37	15°15	15°50	23°48	29° 5	25°58	26°36	29°58	7°43	6°48	11°20	n.a.	S 26
S 27	17 42 2	24°23'48	26°34	10°27	16°29	16°29	23°47	29° 6	26° 2	26°36	29°59	7°33	6°45	11°26	n.a.	S 27
M28	17 45 59	25°21'14	11♋45	12°20	17°42	17° 8	23°46	29° 8	26° 5	26°35	0♍ 1	7°22	6°42	11°33	n.a.	M28
T 29	17 49 55	26°18'42	26°41	14°15	18°55	17°47	23°45	29° 9	26° 8	26°34	0° 2	7°13	6°39	11°40	n.a.	T 29
W30	17 53 52	27♊16'10	11♌12	16♊13	20♋ 9	18♈26	23♒44	29♍11	26♉11	26♏34	0♍ 3	7♈ 4	6♈36	11♐47	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n23	27n36	5n 4	13n10	4s19	23n58	1n 3	1s49	1s31	15s19	1s21	2n52	2n43	19n 8	0s 4	8s43	1n59	27n39	17n 6	3n51	3n16	26s29		n.a.
W 2	20 35	24 32	4 43	13 9	4 18	24 8	1 5	1 32	1 31	15 18	1 21	2 53	2 43	19 9	0 4	8 43	1 59	27 39	17 6	3 49	3 15	26 31		n.a.
T 3	20 47	20 7	4 6	13 10	4 15	24 17	1 7	1 15	1 31	15 17	1 21	2 53	2 42	19 10	0 4	8 43	1 59	27 38	17 5	3 48	3 14	26 33		n.a.
F 4	20 59	14 48	3 17	13 13	4 12	24 26	1 9	0 59	1 31	15 16	1 22	2 53	2 42	19 11	0 4	8 42	1 59	27 37	17 5	3 47	3 13	26 34		n.a.
S 5	21 10	8 59	2 18	13 19	4 6	24 34	1 10	0 42	1 31	15 16	1 22	2 53	2 42	19 12	0 4	8 42	1 59	27 37	17 4	3 47	3 11	26 36		n.a.
S 6	21 21	2 58	1 14	13 28	4 0	24 41	1 12	0 25	1 31	15 15	1 22	2 53	2 42	19 13	0 4	8 41	1 59	27 36	17 3	3 48	3 10	26 37		n.a.
M 7	21 31	3s 2	0 9	13 39	3 53	24 48	1 14	0 8	1 31	15 14	1 23	2 53	2 41	19 14	0 4	8 41	1 59	27 35	17 3	3 48	3 9	26 39		n.a.
T 8	21 42	8 49	0s56	13 52	3 45	24 53	1 15	0n 9	1 30	15 13	1 23	2 53	2 41	19 14	0 4	8 41	1 59	27 34	17 2	3 48	3 8	26 40		n.a.
W 9	21 51	14 13	1 58	14 8	3 36	24 58	1 17	0 25	1 30	15 13	1 23	2 53	2 41	19 15	0 4	8 40	1 59	27 34	17 2	3 47	3 6	26 41		n.a.
T 10	22 1	19 3	2 54	14 26	3 26	25 3	1 18	0 42	1 30	15 12	1 24	2 53	2 41	19 16	0 4	8 40	1 59	27 33	17 1	3 45	3 5	26 43		n.a.
F 11	22 10	23 6	3 41	14 46	3 16	25 6	1 20	0 58	1 30	15 12	1 24	2 53	2 40	19 17	0 4	8 40	1 59	27 32	17 1	3 42	3 4	26 44		n.a.
S 12	22 19	26 12	4 19	15 8	3 4	25 9	1 21	1 15	1 30	15 11	1 24	2 52	2 40	19 18	0 4	8 39	1 59	27 31	17 0	3 38	3 2	26 46		n.a.
S 13	22 27	28 9	4 46	15 31	2 53	25 11	1 22	1 32	1 30	15 11	1 25	2 52	2 40	19 19	0 4	8 39	1 59	27 31	17 0	3 34	3 1	26 47		n.a.
M14	22 35	28 49	5 0	15 57	2 40	25 12	1 23	1 48	1 29	15 11	1 25	2 52	2 40	19 20	0 4	8 39	1 59	27 30	16 59	3 29	3 0	26 49		n.a.
T 15	22 42	28 7	5 1	16 24	2 28	25 13	1 25	2 4	1 29	15 10	1 26	2 52	2 39	19 21	0 4	8 38	1 59	27 29	16 59	3 24	2 59	26 50		n.a.
W16	22 50	26 6	4 49	16 52	2 15	25 12	1 26	2 21	1 29	15 10	1 26	2 51	2 39	19 21	0 4	8 38	1 58	27 28	16 58	3 21	2 57	26 52		n.a.
T 17	22 56	22 52	4 24	17 22	2 2	25 11	1 27	2 37	1 29	15 10	1 26	2 51	2 39	19 22	0 4	8 38	1 58	27 27	16 58	3 17	2 56	26 53		n.a.
F 18	23 3	18 34	3 46	17 52	1 48	25 10	1 28	2 53	1 28	15 10	1 27	2 50	2 39	19 23	0 4	8 37	1 58	27 27	16 57	3 15	2 55	26 54		n.a.
S 19	23 9	13 24	2 56	18 23	1 35	25 7	1 29	3 9	1 28	15 10	1 27	2 50	2 38	19 24	0 4	8 37	1 58	27 26	16 57	3 14	2 54	26 56		n.a.
S 20	23 14	7 33	1 56	18 55	1 21	25 4	1 29	3 25	1 28	15 10	1 27	2 49	2 38	19 25	0 4	8 37	1 58	27 25	16 56	3 14	2 52	26 57		n.a.
M21	23 19	1 12	0 49	19 27	1 7	25 0	1 30	3 41	1 28	15 10	1 28	2 49	2 38	19 26	0 4	8 36	1 58	27 24	16 56	3 14	2 51	26 59		n.a.
T 22	23 24	5n23	0n24	19 59	0 54	24 55	1 31	3 57	1 27	15 10	1 28	2 48	2 37	19 26	0 4	8 36	1 58	27 23	16 55	3 14	2 50	27 0		n.a.
W23	23 28	11 56	1 37	20 31	0 40	24 49	1 32	4 13	1 27	15 11	1 28	2 47	2 37	19 27	0 4	8 36	1 58	27 22	16 55	3 13	2 48	27 1		n.a.
T 24	23 32	18 3	2 46	21 3	0 27	24 43	1 32	4 29	1 27	15 11	1 29	2 47	2 37	19 28	0 4	8 36	1 58	27 22	16 54	3 12	2 47	27 3		n.a.
F 25	23 36	23 14	3 45	21 33	0 15	24 36	1 33	4 45	1 26	15 12	1 29	2 46	2 37	19 29	0 4	8 36	1 58	27 21	16 54	3 10	2 46	27 4		n.a.
S 26	23 39	26 56	4 30	22 3	0 2	24 28	1 33	5 0	1 26	15 12	1 29	2 45	2 36	19 30	0 4	8 35	1 58	27 20	16 53	3 6	2 45	27 5		n.a.
S 27	23 42	28 42	4 55	22 32	0n10	24 20	1 34	5 16	1 26	15 13	1 30	2 45	2 36	19 30	0 4	8 35	1 58	27 19	16 53	3 2	2 43	27 7		n.a.
M28	23 44	28 16	5 0	22 59	0 21	24 11	1 34	5 31	1 25	15 13	1 30	2 44	2 36	19 31	0 4	8 35	1 58	27 18	16 52	2 58	2 42	27 8		n.a.
T 29	23 46	25 47	4 44	23 24	0 32	24 1	1 34	5 47	1 25	15 14	1 30	2 43	2 36	19 32	0 4	8 35	1 58	27 17	16 52	2 54	2 41	27 9		n.a.
W30	23n47	21n41	4n10	23n47	0n42	23n50	1n34	6n 2	1s25	15s15	1s31	2n42	2n35	19n33	0s 4	8s35	1n58	27n16	16n51	2n51	2n40	27s11		n.a.

Julian Day Number = 1359246.5, Delta T = 07h00m25s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°45'54, Lahiri = -17°38'54 Julian Calendar 1 June 992 BCE == Greg. Calendar 23 May 992 BCE

The year -991 astronomical counting style corresponds to year 992 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 992 BCE
geocentric

JULY 992 BCE (-991) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 57 48	28♊13'38	25♌15	18♊12	21♋22	19♈ 5	23°R42	29♍12	26♉14	26°R33	0♍ 5	6°R59	6♈33	11♐53	n.a.	T 1
F 2	18 1 45	29°11'08	8♍48	20°13	22°35	19°43	23♒41	29°14	26°18	26♎33	0° 6	6♈56	6°29	12° 0	n.a.	F 2
S 3	18 5 41	0♋ 8'39	21°53	22°15	23°49	20°22	23°39	29°16	26°21	26°32	0° 7	6°55	6°26	12° 7	n.a.	S 3
S 4	18 9 38	1° 6'11	4♎34	24°18	25° 2	21° 0	23°37	29°18	26°24	26°32	0° 9	6°54	6°23	12°13	n.a.	S 4
M 5	18 13 34	2° 3'44	16°56	26°21	26°15	21°38	23°34	29°20	26°27	26°31	0°10	6°54	6°20	12°20	n.a.	M 5
T 6	18 17 31	3° 1'18	29° 3	28°24	27°29	22°16	23°32	29°23	26°30	26°31	0°12	6°53	6°17	12°27	n.a.	T 6
W 7	18 21 28	3°58'53	11♏ 0	0♋27	28°42	22°54	23°29	29°25	26°33	26°30	0°13	6°49	6°14	12°34	n.a.	W 7
T 8	18 25 24	4°56'29	22°53	2°30	29°55	23°32	23°26	29°27	26°36	26°30	0°15	6°43	6°10	12°40	n.a.	T 8
F 9	18 29 21	5°54'07	4♐43	4°32	1♌ 8	24° 9	23°23	29°30	26°39	26°30	0°16	6°34	6° 7	12°47	n.a.	F 9
S 10	18 33 17	6°51'46	16°35	6°34	2°22	24°47	23°20	29°32	26°42	26°29	0°18	6°23	6° 4	12°54	n.a.	S 10
S 11	18 37 14	7°49'27	28°30	8°35	3°35	25°24	23°17	29°35	26°45	26°29	0°19	6°10	6° 1	13° 0	n.a.	S 11
M12	18 41 10	8°47'09	10♑30	10°34	4°48	26° 1	23°13	29°38	26°48	26°29	0°21	5°56	5°58	13° 7	n.a.	M12
T 13	18 45 7	9°44'52	22°36	12°33	6° 1	26°38	23°10	29°40	26°51	26°29	0°23	5°42	5°54	13°14	n.a.	T 13
W14	18 49 3	10°42'37	4♒49	14°31	7°14	27°15	23° 6	29°43	26°54	26°29	0°24	5°30	5°51	13°21	n.a.	W14
T 15	18 53 0	11°40'24	17°11	16°27	8°28	27°52	23° 2	29°46	26°56	26°28	0°26	5°21	5°48	13°27	n.a.	T 15
F 16	18 56 57	12°38'12	29°43	18°22	9°41	28°28	22°57	29°49	26°59	26°28	0°28	5°14	5°45	13°34	n.a.	F 16
S 17	19 0 53	13°36'03	12♓26	20°16	10°54	29° 5	22°53	29°53	27° 2	26°28	0°29	5°10	5°42	13°41	n.a.	S 17
S 18	19 4 50	14°33'55	25°24	22° 9	12° 7	29°41	22°48	29°56	27° 5	26°28	0°31	5° 9	5°39	13°47	n.a.	S 18
M19	19 8 46	15°31'49	8♈38	24° 0	13°20	0♉17	22°43	29°59	27° 7	26°D28	0°33	5° 8	5°35	13°54	n.a.	M19
T 20	19 12 43	16°29'45	22°13	25°50	14°33	0°53	22°38	0♎ 2	27°10	26°28	0°35	5° 8	5°32	14° 1	n.a.	T 20
W21	19 16 39	17°27'43	6♉10	27°38	15°46	1°29	22°33	0° 6	27°13	26°28	0°37	5° 7	5°29	14° 8	n.a.	W21
T 22	19 20 36	18°25'43	20°29	29°26	16°59	2° 5	22°28	0°10	27°15	26°28	0°39	5° 4	5°26	14°14	n.a.	T 22
F 23	19 24 32	19°23'46	5♊ 9	1♌12	18°12	2°40	22°23	0°13	27°18	26°29	0°40	4°59	5°23	14°21	n.a.	F 23
S 24	19 28 29	20°21'50	20° 4	2°56	19°25	3°16	22°17	0°17	27°20	26°29	0°42	4°51	5°20	14°28	n.a.	S 24
S 25	19 32 26	21°19'57	5♋ 7	4°40	20°38	3°51	22°11	0°21	27°23	26°29	0°44	4°41	5°16	14°34	n.a.	S 25
M26	19 36 22	22°18'05	20° 8	6°22	21°51	4°26	22° 5	0°25	27°25	26°29	0°46	4°30	5°13	14°41	n.a.	M26
T 27	19 40 19	23°16'15	4♌58	8° 3	23° 4	5° 1	21°59	0°29	27°27	26°29	0°48	4°20	5°10	14°48	n.a.	T 27
W28	19 44 15	24°14'27	19°29	9°43	24°17	5°35	21°53	0°33	27°30	26°30	0°50	4°12	5° 7	14°55	n.a.	W28
T 29	19 48 12	25°12'41	3♍33	11°21	25°30	6°10	21°47	0°37	27°32	26°30	0°52	4° 6	5° 4	15° 1	n.a.	T 29
F 30	19 52 8	26°10'56	17°10	12°58	26°43	6°44	21°40	0°41	27°34	26°30	0°54	4° 3	5° 0	15° 8	n.a.	F 30
S 31	19 56 5	27♋ 9'13	0♎19	14♌34	27♌56	7♉18	21♒34	0♎45	27♉37	26♎31	0♍56	4°D 1	4♈57	15♐15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n48	16n27	3n21	24n 9	0n52	23n39	1n34	6n17	1s24	15s15	1s31	2n41	2n35	19n34	0s 4	8s35	1n58	27n15	16n51	2n49	2n38	27s12			n.a.
F 2	23 49	10 36	2 23	24 27	1 1	23 27	1 35	6 32	1 24	15 16	1 31	2 40	2 35	19 34	0 4	8 34	1 58	27 14	16 50	2 48	2 37	27 13			n.a.
S 3	23 49	4 28	1 19	24 44	1 9	23 14	1 35	6 47	1 23	15 17	1 32	2 39	2 34	19 35	0 4	8 34	1 57	27 13	16 50	2 47	2 36	27 15			n.a.
S 4	23 49	1s39	0 12	24 57	1 16	23 0	1 34	7 2	1 23	15 18	1 32	2 38	2 34	19 36	0 4	8 34	1 57	27 12	16 49	2 47	2 34	27 16			n.a.
M 5	23 48	7 34	0s53	25 8	1 23	22 46	1 34	7 17	1 23	15 19	1 32	2 37	2 34	19 37	0 3	8 34	1 57	27 11	16 49	2 47	2 33	27 17			n.a.
T 6	23 47	13 5	1 54	25 17	1 28	22 32	1 34	7 32	1 22	15 20	1 33	2 36	2 34	19 37	0 3	8 34	1 57	27 10	16 49	2 46	2 32	27 19			n.a.
W 7	23 45	18 3	2 50	25 22	1 33	22 16	1 34	7 47	1 22	15 22	1 33	2 35	2 33	19 38	0 3	8 34	1 57	27 10	16 48	2 45	2 31	27 20			n.a.
T 8	23 43	22 17	3 37	25 25	1 38	22 0	1 33	8 1	1 21	15 23	1 33	2 33	2 33	19 39	0 3	8 34	1 57	27 9	16 48	2 42	2 29	27 21			n.a.
F 9	23 41	25 35	4 15	25 25	1 41	21 44	1 33	8 16	1 21	15 24	1 34	2 32	2 33	19 39	0 3	8 34	1 57	27 8	16 47	2 39	2 28	27 22			n.a.
S 10	23 38	27 48	4 42	25 23	1 44	21 26	1 32	8 30	1 20	15 26	1 34	2 31	2 33	19 40	0 3	8 34	1 57	27 7	16 47	2 34	2 27	27 24			n.a.
S 11	23 35	28 45	4 57	25 18	1 46	21 8	1 32	8 44	1 20	15 27	1 34	2 30	2 32	19 41	0 3	8 34	1 57	27 6	16 46	2 29	2 25	27 25			n.a.
M12	23 31	28 21	4 58	25 10	1 47	20 50	1 31	8 58	1 19	15 29	1 35	2 28	2 32	19 42	0 3	8 34	1 57	27 5	16 46	2 23	2 24	27 26			n.a.
T 13	23 27	26 36	4 47	25 0	1 48	20 31	1 30	9 12	1 19	15 30	1 35	2 27	2 32	19 42	0 3	8 34	1 57	27 4	16 46	2 18	2 23	27 27			n.a.
W14	23 23	23 35	4 22	24 48	1 48	20 11	1 29	9 26	1 18	15 32	1 35	2 25	2 32	19 43	0 3	8 34	1 57	27 3	16 45	2 13	2 22	27 29			n.a.
T 15	23 18	19 29	3 44	24 34	1 47	19 51	1 28	9 40	1 18	15 33	1 35	2 24	2 31	19 44	0 3	8 34	1 57	27 2	16 45	2 9	2 20	27 30			n.a.
F 16	23 12	14 29	2 55	24 17	1 46	19 30	1 27	9 54	1 17	15 35	1 36	2 23	2 31	19 44	0 3	8 34	1 57	27 1	16 45	2 7	2 19	27 31			n.a.
S 17	23 7	8 48	1 57	23 59	1 45	19 9	1 26	10 7	1 17	15 37	1 36	2 21	2 31	19 45	0 3	8 34	1 57	27 0	16 44	2 5	2 18	27 32			n.a.
S 18	23 0	2 39	0 51	23 39	1 43	18 47	1 25	10 21	1 16	15 39	1 36	2 20	2 31	19 45	0 3	8 34	1 56	26 59	16 44	2 4	2 17	27 33			n.a.
M19	22 54	3n46	0n19	23 17	1 40	18 25	1 24	10 34	1 16	15 40	1 37	2 18	2 30	19 46	0 3	8 34	1 56	26 58	16 43	2 4	2 15	27 34			n.a.
T 20	22 47	10 10	1 29	22 54	1 37	18 2	1 23	10 48	1 15	15 42	1 37	2 16	2 30	19 47	0 3	8 34	1 56	26 57	16 43	2 4	2 14	27 36			n.a.
W21	22 39	16 14	2 36	22 29	1 33	17 39	1 21	11 1	1 15	15 44	1 37	2 15	2 30	19 47	0 3	8 34	1 56	26 56	16 43	2 4	2 13	27 37			n.a.
T 22	22 32	21 36	3 35	22 3	1 29	17 15	1 20	11 14	1 14	15 46	1 37	2 13	2 30	19 48	0 3	8 34	1 56	26 55	16 42	2 3	2 11	27 38			n.a.
F 23	22 23	25 47	4 22	21 35	1 25	16 51	1 18	11 27	1 13	15 48	1 38	2 11	2 29	19 49	0 3	8 34	1 56	26 54	16 42	2 0	2 10	27 39			n.a.
S 24	22 15	28 17	4 51	21 7	1 21	16 26	1 17	11 39	1 13	15 51	1 38	2 10	2 29	19 49	0 3	8 34	1 56	26 53	16 42	1 57	2 9	27 40			n.a.
S 25	22 6	28 44	5 1	20 37	1 16	16 1	1 15	11 52	1 12	15 53	1 38	2 8	2 29	19 50	0 3	8 34	1 56	26 52	16 41	1 53	2 8	27 41			n.a.
M26	21 56	27 4	4 50	20 6	1 10	15 36	1 13	12 5	1 12	15 55	1 38	2 6	2 29	19 50	0 3	8 35	1 56	26 51	16 41	1 49	2 6	27 42			n.a.
T 27	21 46	23 31	4 20	19 35	1 5	15 10	1 12	12 17	1 11	15 57	1 39	2 4	2 29	19 51	0 3	8 35	1 56	26 49	16 41	1 45	2 5	27 44			n.a.
W28	21 36	18 34	3 33	19 2	0 59	14 44	1 10	12 29	1 10	15 59	1 39	2 2	2 28	19 51	0 3	8 35	1 56	26 48	16 40	1 42	2 4	27 45			n.a.
T 29	21 26	12 45	2 34	18 29	0 53	14 17	1 8	12 41	1 10	16 2	1 39	2 1	2 28	19 52	0 3	8 35	1 56	26 47	16 40	1 39	2 2	27 46			n.a.
F 30	21 15	6 30	1 28	17 55	0 46	13 50	1 6	12 53	1 9	16 4	1 39	1 59	2 28	19 52	0 3	8 35	1 56	26 46	16 40	1 38	2 1	27 47			n.a.
S 31	21n 3	0n11	0n20	17n21	0n40	13n23	1n 4	13n 5	1s 8	16s 6	1s40	1n57	2n28	19n53	0s 3	8s36	1n56	26n45	16n40	1n37	2n 0	27s48			n.a.

Julian Day Number = 1359276.5, Delta T = 07h00m24s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°45'50, Lahiri = -17°38'50 Julian Calendar 1 July 992 BCE == Greg. Calendar 22 June 992 BCE

The year -991 astronomical counting style corresponds to year 992 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 992 BCE
geocentric

AUGUST 992 BCE (-991) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 0 1	28♋ 7'32	13♎ 3	16♌ 9	29♌ 9	7♉52	21°R27	0♎50	27♉39	26♎31	0♍58	4♈ 2	4♈54	15♐21	n.a.	S 1
M 2	20 3 58	29° 5'52	25°26	17°43	0♍22	8°25	21♒20	0°54	27°41	26°32	1° 0	4°R 2	4°51	15°28	n.a.	M 2
T 3	20 7 55	0♌ 4'14	7♏34	19°15	1°34	8°59	21°13	0°59	27°43	26°32	1° 2	4° 2	4°48	15°35	n.a.	T 3
W 4	20 11 51	1° 2'38	19°32	20°47	2°47	9°32	21° 6	1° 3	27°45	26°33	1° 4	4° 0	4°45	15°42	n.a.	W 4
T 5	20 15 48	2° 1'03	1♐24	22°17	4° 0	10° 5	20°59	1° 8	27°47	26°33	1° 7	3°56	4°41	15°48	n.a.	T 5
F 6	20 19 44	2°59'31	13°15	23°46	5°13	10°38	20°52	1°12	27°49	26°34	1° 9	3°49	4°38	15°55	n.a.	F 6
S 7	20 23 41	3°58'00	25° 9	25°14	6°25	11°10	20°44	1°17	27°51	26°34	1°11	3°41	4°35	16° 2	n.a.	S 7
S 8	20 27 37	4°56'31	7♑ 9	26°40	7°38	11°43	20°37	1°22	27°53	26°35	1°13	3°30	4°32	16° 8	n.a.	S 8
M 9	20 31 34	5°55'04	19°17	28° 5	8°51	12°15	20°30	1°27	27°55	26°36	1°15	3°20	4°29	16°15	n.a.	M 9
T 10	20 35 30	6°53'39	1♒34	29°29	10° 3	12°47	20°22	1°32	27°56	26°36	1°17	3° 9	4°26	16°22	n.a.	T 10
W11	20 39 27	7°52'16	14° 1	0♍52	11°16	13°19	20°14	1°37	27°58	26°37	1°20	3° 0	4°22	16°29	n.a.	W11
T 12	20 43 24	8°50'56	26°38	2°14	12°28	13°50	20° 7	1°42	28° 0	26°38	1°22	2°52	4°19	16°35	n.a.	T 12
F 13	20 47 20	9°49'37	9♓26	3°34	13°41	14°21	19°59	1°47	28° 2	26°39	1°24	2°47	4°16	16°42	n.a.	F 13
S 14	20 51 17	10°48'20	22°26	4°53	14°53	14°53	19°51	1°52	28° 3	26°40	1°26	2°45	4°13	16°49	n.a.	S 14
S 15	20 55 13	11°47'06	5♈37	6°10	16° 6	15°23	19°43	1°58	28° 5	26°40	1°28	2°D44	4°10	16°55	n.a.	S 15
M16	20 59 10	12°45'54	19° 2	7°26	17°18	15°54	19°35	2° 3	28° 6	26°41	1°31	2°45	4° 6	17° 2	n.a.	M16
T 17	21 3 6	13°44'45	2♉40	8°40	18°30	16°24	19°27	2° 8	28° 8	26°42	1°33	2°46	4° 3	17° 9	n.a.	T 17
W18	21 7 3	14°43'38	16°34	9°53	19°43	16°54	19°19	2°14	28° 9	26°43	1°35	2°R47	4° 0	17°16	n.a.	W18
T 19	21 10 59	15°42'34	0♊42	11° 4	20°55	17°24	19°11	2°19	28°10	26°44	1°38	2°46	3°57	17°22	n.a.	T 19
F 20	21 14 56	16°41'32	15° 5	12°13	22° 7	17°53	19° 3	2°25	28°12	26°45	1°40	2°43	3°54	17°29	n.a.	F 20
S 21	21 18 52	17°40'32	29°38	13°20	23°20	18°23	18°55	2°31	28°13	26°46	1°42	2°38	3°51	17°36	n.a.	S 21
S 22	21 22 49	18°39'35	14♋16	14°25	24°32	18°52	18°47	2°36	28°14	26°47	1°44	2°32	3°47	17°43	n.a.	S 22
M23	21 26 46	19°38'41	28°54	15°27	25°44	19°20	18°39	2°42	28°15	26°48	1°47	2°25	3°44	17°49	n.a.	M23
T 24	21 30 42	20°37'48	13♌24	16°28	26°56	19°49	18°31	2°48	28°17	26°50	1°49	2°18	3°41	17°56	n.a.	T 24
W25	21 34 39	21°36'58	27°39	17°25	28° 8	20°17	18°23	2°54	28°18	26°51	1°51	2°13	3°38	18° 3	n.a.	W25
T 26	21 38 35	22°36'10	11♍34	18°20	29°20	20°44	18°15	3° 0	28°19	26°52	1°54	2° 9	3°35	18° 9	n.a.	T 26
F 27	21 42 32	23°35'24	25° 7	19°12	0♎32	21°12	18° 7	3° 6	28°20	26°53	1°56	2° 8	3°31	18°16	n.a.	F 27
S 28	21 46 28	24°34'40	8♎15	20° 0	1°44	21°39	17°59	3°12	28°20	26°54	1°58	2°D 7	3°28	18°23	n.a.	S 28
S 29	21 50 25	25°33'58	21° 1	20°45	2°56	22° 6	17°51	3°18	28°21	26°56	2° 1	2° 9	3°25	18°30	n.a.	S 29
M30	21 54 21	26°33'17	3♏27	21°26	4° 8	22°32	17°43	3°24	28°22	26°57	2° 3	2°10	3°22	18°36	n.a.	M30
T 31	21 58 18	27♌32'39	15♏37	22♍ 2	5♎20	22♉58	17♒35	3♎30	28♉23	26♎58	2♍ 5	2♈12	3♈19	18♐43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20n52	5s58	0s48	16n46	0n33	12n55	1n 2	13n17	1s 8	16s 9	1s40	1n55	2n27	19n53	0s 3	8s36	1n56	26n44	16n39	1n37	1n59	27s49			n.a.
M 2	20 40	11 43	1 52	16 10	0 26	12 27	0 59	13 29	1 7	16 11	1 40	1 53	2 27	19 54	0 3	8 36	1 55	26 43	16 39	1 38	1 57	27 50			n.a.
T 3	20 27	16 54	2 49	15 35	0 19	11 58	0 57	13 40	1 6	16 14	1 40	1 51	2 27	19 54	0 3	8 36	1 55	26 42	16 39	1 38	1 56	27 51			n.a.
W 4	20 14	21 23	3 38	14 58	0 11	11 30	0 55	13 52	1 5	16 16	1 40	1 49	2 27	19 55	0 3	8 36	1 55	26 41	16 39	1 37	1 55	27 52			n.a.
T 5	20 1	24 57	4 17	14 22	0 4	11 1	0 53	14 3	1 5	16 19	1 41	1 47	2 27	19 55	0 3	8 37	1 55	26 40	16 38	1 35	1 54	27 53			n.a.
F 6	19 48	27 27	4 45	13 45	0s 4	10 31	0 50	14 14	1 4	16 21	1 41	1 45	2 26	19 56	0 3	8 37	1 55	26 39	16 38	1 33	1 52	27 54			n.a.
S 7	19 34	28 44	5 0	13 8	0 11	10 2	0 48	14 25	1 3	16 24	1 41	1 43	2 26	19 56	0 3	8 37	1 55	26 38	16 38	1 29	1 51	27 55			n.a.
S 8	19 20	28 40	5 3	12 31	0 19	9 32	0 45	14 36	1 2	16 26	1 41	1 40	2 26	19 57	0 3	8 38	1 55	26 37	16 38	1 25	1 50	27 56			n.a.
M 9	19 5	27 13	4 52	11 54	0 27	9 2	0 42	14 47	1 2	16 29	1 41	1 38	2 26	19 57	0 3	8 38	1 55	26 36	16 37	1 21	1 48	27 57			n.a.
T 10	18 50	24 28	4 28	11 17	0 35	8 32	0 40	14 57	1 1	16 32	1 42	1 36	2 26	19 58	0 3	8 38	1 55	26 35	16 37	1 16	1 47	27 58			n.a.
W11	18 35	20 33	3 50	10 40	0 43	8 1	0 37	15 8	1 0	16 34	1 42	1 34	2 25	19 58	0 3	8 39	1 55	26 34	16 37	1 13	1 46	27 59			n.a.
T 12	18 20	15 40	3 1	10 3	0 52	7 31	0 34	15 18	0 59	16 37	1 42	1 32	2 25	19 58	0 3	8 39	1 55	26 33	16 37	1 10	1 45	28 0			n.a.
F 13	18 4	10 2	2 2	9 26	1 0	7 0	0 31	15 28	0 58	16 40	1 42	1 29	2 25	19 59	0 3	8 39	1 55	26 32	16 37	1 8	1 43	28 1			n.a.
S 14	17 48	3 54	0 55	8 49	1 8	6 29	0 29	15 38	0 57	16 42	1 42	1 27	2 25	19 59	0 3	8 40	1 55	26 31	16 36	1 7	1 42	28 2			n.a.
S 15	17 31	2n30	0n15	8 13	1 16	5 58	0 26	15 48	0 57	16 45	1 42	1 25	2 25	19 59	0 3	8 40	1 55	26 30	16 36	1 6	1 41	28 3			n.a.
M16	17 15	8 54	1 27	7 37	1 24	5 26	0 23	15 58	0 56	16 47	1 42	1 22	2 24	20 0	0 3	8 40	1 55	26 29	16 36	1 7	1 39	28 4			n.a.
T 17	16 58	15 0	2 34	7 1	1 33	4 55	0 20	16 8	0 55	16 50	1 42	1 20	2 24	20 0	0 3	8 41	1 54	26 28	16 36	1 7	1 38	28 5			n.a.
W18	16 40	20 27	3 34	6 26	1 41	4 23	0 17	16 17	0 54	16 53	1 42	1 18	2 24	20 1	0 3	8 41	1 54	26 27	16 36	1 7	1 37	28 6			n.a.
T 19	16 23	24 53	4 22	5 51	1 49	3 52	0 13	16 27	0 53	16 55	1 43	1 15	2 24	20 1	0 3	8 42	1 54	26 26	16 36	1 7	1 36	28 7			n.a.
F 20	16 5	27 50	4 54	5 17	1 57	3 20	0 10	16 36	0 52	16 58	1 43	1 13	2 24	20 1	0 3	8 42	1 54	26 25	16 36	1 6	1 34	28 8			n.a.
S 21	15 47	28 57	5 8	4 44	2 5	2 48	0 7	16 45	0 51	17 1	1 43	1 11	2 24	20 1	0 3	8 42	1 54	26 24	16 36	1 4	1 33	28 9			n.a.
S 22	15 28	28 2	5 2	4 12	2 13	2 16	0 4	16 54	0 50	17 3	1 43	1 8	2 23	20 2	0 3	8 43	1 54	26 23	16 35	1 1	1 32	28 10			n.a.
M23	15 9	25 12	4 36	3 40	2 20	1 44	0 1	17 3	0 49	17 6	1 43	1 6	2 23	20 2	0 3	8 43	1 54	26 22	16 35	0 58	1 30	28 10			n.a.
T 24	14 50	20 46	3 53	3 10	2 28	1 12	0s 3	17 12	0 48	17 8	1 43	1 3	2 23	20 2	0 3	8 44	1 54	26 21	16 35	0 56	1 29	28 11			n.a.
W25	14 31	15 13	2 56	2 40	2 35	0 40	0 6	17 20	0 47	17 11	1 43	1 1	2 23	20 2	0 3	8 44	1 54	26 20	16 35	0 54	1 28	28 12			n.a.
T 26	14 12	9 1	1 49	2 12	2 42	0 7	0 9	17 29	0 46	17 14	1 43	0 58	2 23	20 3	0 3	8 45	1 54	26 19	16 35	0 52	1 27	28 13			n.a.
F 27	13 52	2 33	0 38	1 45	2 49	0s25	0 13	17 37	0 45	17 16	1 43	0 56	2 23	20 3	0 3	8 45	1 54	26 18	16 35	0 51	1 25	28 14			n.a.
S 28	13 32	3s50	0s33	1 20	2 55	0 57	0 16	17 45	0 44	17 19	1 43	0 53	2 22	20 3	0 3	8 46	1 54	26 18	16 35	0 51	1 24	28 15			n.a.
S 29	13 12	9 53	1 41	0 57	3 2	1 29	0 20	17 54	0 43	17 21	1 43	0 51	2 22	20 3	0 3	8 46	1 54	26 17	16 35	0 52	1 23	28 16			n.a.
M30	12 52	15 24	2 42	0 35	3 7	2 1	0 23	18 1	0 42	17 24	1 43	0 48	2 22	20 4	0 3	8 47	1 54	26 16	16 35	0 53	1 22	28 17			n.a.
T 31	12n31	20s12	3s35	0n16	3s12	2s33	0s26	18n 9	0s40	17s26	1s43	0n45	2n22	20n 4	0s 3	8s47	1n54	26n15	16n35	0n53	1n20	28s17			n.a.

Julian Day Number = 1359307.5, Delta T = 07h00m22s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°45'46, Lahiri = -17°38'45 Julian Calendar 1 Aug. 992 BCE == Greg. Calendar 23 July 992 BCE

The year -991 astronomical counting style corresponds to year 992 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 992 BCE
geocentric

SEPTEMBER 992 BCE (-991) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 2 15	28♌32'03	27♏37	22♍34	6♎32	23♉24	17°R28	3♎36	28♉24	27♎ 0	2♍ 8	2°R12	3♈16	18♐50	n.a.	W 1
T 2	22 6 11	29°31'29	9♐30	23° 0	7°44	23°50	17♒20	3°42	28°24	27° 1	2°10	2♈12	3°12	18°56	n.a.	T 2
F 3	22 10 8	0♍30'56	21°23	23°21	8°56	24°15	17°12	3°48	28°25	27° 3	2°13	2°10	3° 9	19° 3	n.a.	F 3
S 4	22 14 4	1°30'26	3♑18	23°36	10° 7	24°39	17° 5	3°55	28°25	27° 4	2°15	2° 6	3° 6	19°10	n.a.	S 4
S 5	22 18 1	2°29'58	15°21	23°44	11°19	25° 4	16°57	4° 1	28°26	27° 5	2°17	2° 2	3° 3	19°17	n.a.	S 5
M 6	22 21 57	3°29'31	27°35	23°R45	12°30	25°28	16°50	4° 7	28°26	27° 7	2°20	1°57	3° 0	19°23	n.a.	M 6
T 7	22 25 54	4°29'07	10♒ 1	23°38	13°42	25°51	16°43	4°14	28°27	27° 8	2°22	1°52	2°57	19°30	n.a.	T 7
W 8	22 29 50	5°28'44	22°42	23°23	14°53	26°14	16°35	4°20	28°27	27°10	2°24	1°48	2°53	19°37	n.a.	W 8
T 9	22 33 47	6°28'23	5♓37	23° 0	16° 5	26°37	16°28	4°27	28°27	27°12	2°27	1°45	2°50	19°43	n.a.	T 9
F 10	22 37 43	7°28'05	18°47	22°29	17°16	27° 0	16°21	4°33	28°27	27°13	2°29	1°43	2°47	19°50	n.a.	F 10
S 11	22 41 40	8°27'49	2♈10	21°49	18°27	27°22	16°14	4°40	28°28	27°15	2°31	1°D42	2°44	19°57	n.a.	S 11
S 12	22 45 37	9°27'35	15°45	21° 0	19°39	27°43	16° 8	4°47	28°28	27°16	2°34	1°43	2°41	20° 4	n.a.	S 12
M13	22 49 33	10°27'23	29°31	20° 4	20°50	28° 4	16° 1	4°53	28°28	27°18	2°36	1°44	2°37	20°10	n.a.	M13
T 14	22 53 30	11°27'14	13♉26	19° 0	22° 1	28°25	15°54	5° 0	28°R28	27°20	2°39	1°46	2°34	20°17	n.a.	T 14
W15	22 57 26	12°27'07	27°28	17°51	23°12	28°45	15°48	5° 6	28°28	27°21	2°41	1°47	2°31	20°24	n.a.	W15
T 16	23 1 23	13°27'02	11♊37	16°38	24°23	29° 5	15°42	5°13	28°28	27°23	2°43	1°R47	2°28	20°31	n.a.	T 16
F 17	23 5 19	14°27'00	25°49	15°23	25°34	29°24	15°36	5°20	28°27	27°25	2°46	1°47	2°25	20°37	n.a.	F 17
S 18	23 9 16	15°27'01	10♋ 4	14° 7	26°45	29°43	15°30	5°27	28°27	27°27	2°48	1°46	2°22	20°44	n.a.	S 18
S 19	23 13 12	16°27'03	24°17	12°54	27°56	0♊ 1	15°24	5°33	28°27	27°29	2°50	1°44	2°18	20°51	n.a.	S 19
M20	23 17 9	17°27'08	8♌26	11°45	29° 6	0°19	15°18	5°40	28°27	27°30	2°53	1°42	2°15	20°57	n.a.	M20
T 21	23 21 6	18°27'15	22°27	10°43	0♏17	0°36	15°12	5°47	28°26	27°32	2°55	1°41	2°12	21° 4	n.a.	T 21
W22	23 25 2	19°27'24	6♍17	9°49	1°28	0°53	15° 7	5°54	28°26	27°34	2°57	1°39	2° 9	21°11	n.a.	W22
T 23	23 28 59	20°27'36	19°51	9° 5	2°38	1° 9	15° 2	6° 1	28°25	27°36	2°59	1°38	2° 6	21°18	n.a.	T 23
F 24	23 32 55	21°27'49	3♎ 9	8°32	3°49	1°25	14°57	6° 8	28°25	27°38	3° 2	1°D38	2° 3	21°24	n.a.	F 24
S 25	23 36 52	22°28'04	16° 8	8°10	4°59	1°40	14°52	6°15	28°24	27°40	3° 4	1°38	1°59	21°31	n.a.	S 25
S 26	23 40 48	23°28'20	28°50	8°D 0	6° 9	1°54	14°47	6°22	28°24	27°42	3° 6	1°39	1°56	21°38	n.a.	S 26
M27	23 44 45	24°28'39	11♏15	8° 1	7°20	2° 8	14°43	6°29	28°23	27°44	3° 8	1°40	1°53	21°44	n.a.	M27
T 28	23 48 41	25°28'59	23°26	8°13	8°30	2°22	14°38	6°36	28°22	27°46	3°11	1°40	1°50	21°51	n.a.	T 28
W29	23 52 38	26°29'21	5♐26	8°36	9°40	2°34	14°34	6°43	28°21	27°48	3°13	1°41	1°47	21°58	n.a.	W29
T 30	23 56 34	27♍29'45	17♐20	9♍ 8	10♏50	2♊46	14♒30	6♎50	28♉20	27♎50	3♍15	1♈41	1♈43	22♐ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	12n10	24s 6	4s17	0s 1	3s17	3s 5	0s30	18n17	0s39	17s28	1s43	0n43	2n22	20n 4	0s 3	8s48	1n54	26n14	16n35	0n53	1n19	28s18		n.a.	W 1
T 2	11 49	26 58	4 48	0 15	3 21	3 38	0 34	18 25	0 38	17 31	1 43	0 40	2 22	20 4	0 3	8 49	1 53	26 13	16 35	0 53	1 18	28 19		n.a.	T 2
F 3	11 28	28 38	5 7	0 26	3 24	4 9	0 37	18 32	0 37	17 33	1 43	0 37	2 22	20 4	0 3	8 49	1 53	26 12	16 35	0 52	1 16	28 20		n.a.	F 3
S 4	11 6	28 58	5 12	0 34	3 26	4 41	0 41	18 39	0 36	17 35	1 43	0 35	2 22	20 4	0 3	8 50	1 53	26 11	16 35	0 51	1 15	28 21		n.a.	S 4
S 5	10 45	27 57	5 4	0 38	3 27	5 13	0 44	18 46	0 35	17 38	1 43	0 32	2 21	20 4	0 3	8 50	1 53	26 10	16 35	0 49	1 14	28 21		n.a.	S 5
M 6	10 23	25 34	4 42	0 39	3 28	5 45	0 48	18 53	0 33	17 40	1 43	0 29	2 21	20 5	0 3	8 51	1 53	26 9	16 35	0 47	1 13	28 22		n.a.	M 6
T 7	10 1	21 57	4 6	0 35	3 27	6 16	0 51	19 0	0 32	17 42	1 43	0 27	2 21	20 5	0 3	8 51	1 53	26 9	16 35	0 45	1 11	28 23		n.a.	T 7
W 8	9 39	17 16	3 18	0 27	3 24	6 48	0 55	19 7	0 31	17 44	1 43	0 24	2 21	20 5	0 3	8 52	1 53	26 8	16 35	0 44	1 10	28 24		n.a.	W 8
T 9	9 17	11 44	2 18	0 14	3 20	7 19	0 58	19 14	0 29	17 46	1 43	0 21	2 21	20 5	0 3	8 53	1 53	26 7	16 35	0 42	1 9	28 24		n.a.	T 9
F 10	8 54	5 35	1 10	0n 3	3 15	7 50	1 2	19 20	0 28	17 48	1 42	0 19	2 21	20 5	0 3	8 53	1 53	26 6	16 35	0 42	1 7	28 25		n.a.	F 10
S 11	8 31	0n55	0n 3	0 26	3 7	8 21	1 5	19 27	0 27	17 51	1 42	0 16	2 21	20 5	0 3	8 54	1 53	26 5	16 35	0 41	1 6	28 26		n.a.	S 11
S 12	8 9	7 28	1 17	0 54	2 58	8 52	1 9	19 33	0 25	17 52	1 42	0 13	2 21	20 5	0 3	8 55	1 53	26 4	16 35	0 42	1 5	28 27		n.a.	S 12
M13	7 46	13 46	2 27	1 27	2 47	9 22	1 13	19 39	0 24	17 54	1 42	0 10	2 21	20 5	0 3	8 55	1 53	26 3	16 35	0 42	1 4	28 27		n.a.	M13
T 14	7 23	19 27	3 30	2 4	2 34	9 53	1 16	19 45	0 23	17 56	1 42	0 8	2 20	20 5	0 3	8 56	1 53	26 3	16 35	0 43	1 2	28 28		n.a.	T 14
W15	7 0	24 8	4 21	2 45	2 19	10 23	1 20	19 51	0 21	17 58	1 42	0 5	2 20	20 5	0 3	8 57	1 53	26 2	16 36	0 43	1 1	28 29		n.a.	W15
T 16	6 36	27 25	4 56	3 29	2 2	10 53	1 23	19 57	0 20	18 0	1 42	0 2	2 20	20 5	0 3	8 57	1 53	26 1	16 36	0 43	1 0	28 29		n.a.	T 16
F 17	6 13	28 58	5 14	4 16	1 43	11 23	1 27	20 3	0 18	18 2	1 42	0s 1	2 20	20 5	0 3	8 58	1 53	26 0	16 36	0 43	0 58	28 30		n.a.	F 17
S 18	5 49	28 37	5 12	5 3	1 24	11 52	1 30	20 8	0 17	18 3	1 41	0 4	2 20	20 5	0 3	8 59	1 53	26 0	16 36	0 43	0 57	28 31		n.a.	S 18
S 19	5 26	26 22	4 51	5 50	1 4	12 21	1 34	20 14	0 15	18 5	1 41	0 6	2 20	20 5	0 3	8 59	1 53	25 59	16 36	0 42	0 56	28 31		n.a.	S 19
M20	5 2	22 30	4 13	6 36	0 43	12 50	1 37	20 19	0 14	18 7	1 41	0 9	2 20	20 5	0 3	9 0	1 53	25 58	16 36	0 41	0 55	28 32		n.a.	M20
T 21	4 38	17 23	3 20	7 19	0 23	13 19	1 40	20 24	0 12	18 8	1 41	0 12	2 20	20 5	0 3	9 1	1 53	25 57	16 36	0 41	0 53	28 33		n.a.	T 21
W22	4 14	11 27	2 16	7 58	0 3	13 47	1 44	20 29	0 10	18 10	1 41	0 15	2 20	20 5	0 3	9 1	1 52	25 57	16 37	0 40	0 52	28 33		n.a.	W22
T 23	3 50	5 4	1 5	8 33	0n16	14 15	1 47	20 34	0 9	18 11	1 41	0 18	2 20	20 4	0 3	9 2	1 52	25 56	16 37	0 40	0 51	28 34		n.a.	T 23
F 24	3 26	1s24	0s 8	9 2	0 34	14 43	1 50	20 39	0 7	18 12	1 40	0 20	2 20	20 4	0 3	9 3	1 52	25 55	16 37	0 40	0 49	28 35		n.a.	F 24
S 25	3 2	7 40	1 19	9 25	0 51	15 10	1 54	20 44	0 6	18 14	1 40	0 23	2 20	20 4	0 3	9 4	1 52	25 54	16 37	0 40	0 48	28 35		n.a.	S 25
S 26	2 38	13 29	2 25	9 43	1 6	15 37	1 57	20 48	0 4	18 15	1 40	0 26	2 20	20 4	0 3	9 4	1 52	25 54	16 37	0 40	0 47	28 36		n.a.	S 26
M27	2 14	18 38	3 22	9 55	1 20	16 3	2 0	20 53	0 2	18 16	1 40	0 29	2 19	20 4	0 3	9 5	1 52	25 53	16 38	0 40	0 46	28 37		n.a.	M27
T 28	1 49	22 56	4 9	10 1	1 31	16 30	2 3	20 57	0 0	18 17	1 40	0 32	2 19	20 4	0 3	9 6	1 52	25 52	16 38	0 41	0 44	28 37		n.a.	T 28
W29	1 25	26 12	4 44	10 2	1 41	16 55	2 6	21 2	0n 1	18 18	1 40	0 35	2 19	20 4	0 3	9 7	1 52	25 52	16 38	0 41	0 43	28 38		n.a.	W29
T 30	1n 1	28s18	5s 7	9n58	1n50	17s21	2s 9	21n 6	0n 3	18s19	1s39	0s37	2n19	20n 3	0s 3	9s 7	1n52	25n51	16n38	0n41	0n42	28s38		n.a.	T 30

Julian Day Number = 1359338.5, Delta T = 07h00m21s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°45'42, Lahiri = -17°38'41 Julian Calendar 1 Sept. 992 BCE == Greg. Calendar 23 Aug. 992 BCE

The year -991 astronomical counting style corresponds to year 992 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 992 BCE
geocentric

OCTOBER 992 BCE (-991) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 0 31	28♍30'10	29♐13	9♍49	12♏ 0	2♊58	14°R27	6♎57	28°R20	27♎52	3♍17	1°R41	1♈40	22♐11	n.a.	F 1
S 2	0 4 28	29°30'37	11♑ 8	10°38	13° 9	3° 8	14♒23	7° 4	28♉19	27°54	3°19	1♈41	1°37	22°18	n.a.	S 2
S 3	0 8 24	0♎31'05	23°11	11°33	14°19	3°19	14°20	7°11	28°18	27°56	3°22	1°41	1°34	22°25	n.a.	S 3
M 4	0 12 21	1°31'35	5♒26	12°35	15°29	3°28	14°16	7°18	28°17	27°58	3°24	1°D41	1°31	22°32	n.a.	M 4
T 5	0 16 17	2°32'06	17°56	13°42	16°38	3°37	14°13	7°25	28°15	28° 0	3°26	1°41	1°28	22°38	n.a.	T 5
W 6	0 20 14	3°32'38	0♓45	14°53	17°47	3°45	14°11	7°32	28°14	28° 2	3°28	1°41	1°24	22°45	n.a.	W 6
T 7	0 24 10	4°33'12	13°54	16° 8	18°57	3°52	14° 8	7°39	28°13	28° 4	3°30	1°42	1°21	22°52	n.a.	T 7
F 8	0 28 7	5°33'48	27°22	17°27	20° 6	3°59	14° 5	7°46	28°12	28° 6	3°32	1°R42	1°18	22°58	n.a.	F 8
S 9	0 32 3	6°34'25	11♈10	18°48	21°15	4° 5	14° 3	7°53	28°11	28° 8	3°34	1°42	1°15	23° 5	n.a.	S 9
S 10	0 36 0	7°35'04	25°13	20°12	22°23	4°10	14° 1	8° 0	28° 9	28°10	3°36	1°41	1°12	23°12	n.a.	S 10
M11	0 39 57	8°35'45	9♉29	21°38	23°32	4°15	13°59	8° 7	28° 8	28°13	3°38	1°41	1° 8	23°19	n.a.	M11
T 12	0 43 53	9°36'27	23°51	23° 6	24°41	4°18	13°58	8°14	28° 6	28°15	3°40	1°40	1° 5	23°25	n.a.	T 12
W13	0 47 50	10°37'11	8♊15	24°35	25°49	4°21	13°56	8°21	28° 5	28°17	3°42	1°39	1° 2	23°32	n.a.	W13
T 14	0 51 46	11°37'57	22°37	26° 5	26°57	4°23	13°55	8°28	28° 4	28°19	3°44	1°38	0°59	23°39	n.a.	T 14
F 15	0 55 43	12°38'45	6♋53	27°36	28° 6	4°25	13°54	8°35	28° 2	28°21	3°46	1°D37	0°56	23°45	n.a.	F 15
S 16	0 59 39	13°39'35	21° 0	29° 8	29°14	4°R25	13°54	8°42	28° 0	28°23	3°48	1°37	0°53	23°52	n.a.	S 16
S 17	1 3 36	14°40'26	4♌57	0♎40	0♐21	4°25	13°53	8°49	27°59	28°26	3°50	1°38	0°49	23°59	n.a.	S 17
M18	1 7 32	15°41'19	18°42	2°13	1°29	4°24	13°53	8°56	27°57	28°28	3°52	1°39	0°46	24° 6	n.a.	M18
T 19	1 11 29	16°42'13	2♍16	3°46	2°37	4°22	13°D52	9° 3	27°55	28°30	3°54	1°40	0°43	24°12	n.a.	T 19
W20	1 15 26	17°43'09	15°37	5°20	3°44	4°19	13°52	9°10	27°54	28°32	3°56	1°41	0°40	24°19	n.a.	W20
T 21	1 19 22	18°44'06	28°46	6°53	4°51	4°15	13°53	9°17	27°52	28°35	3°58	1°R42	0°37	24°26	n.a.	T 21
F 22	1 23 19	19°45'05	11♎42	8°27	5°58	4°11	13°53	9°24	27°50	28°37	4° 0	1°42	0°34	24°33	n.a.	F 22
S 23	1 27 15	20°46'05	24°25	10° 1	7° 5	4° 5	13°54	9°31	27°48	28°39	4° 1	1°40	0°30	24°39	n.a.	S 23
S 24	1 31 12	21°47'06	6♏56	11°35	8°12	3°59	13°55	9°38	27°46	28°41	4° 3	1°38	0°27	24°46	n.a.	S 24
M25	1 35 8	22°48'08	19°14	13° 9	9°18	3°52	13°56	9°45	27°44	28°44	4° 5	1°35	0°24	24°53	n.a.	M25
T 26	1 39 5	23°49'11	1♐22	14°43	10°24	3°44	13°57	9°52	27°42	28°46	4° 7	1°31	0°21	24°59	n.a.	T 26
W27	1 43 1	24°50'15	13°21	16°17	11°30	3°35	13°59	9°59	27°40	28°48	4° 8	1°27	0°18	25° 6	n.a.	W27
T 28	1 46 58	25°51'20	25°15	17°52	12°36	3°26	14° 0	10° 6	27°38	28°50	4°10	1°23	0°14	25°13	n.a.	T 28
F 29	1 50 55	26°52'26	7♑ 6	19°26	13°42	3°15	14° 2	10°13	27°36	28°53	4°12	1°21	0°11	25°20	n.a.	F 29
S 30	1 54 51	27°53'32	19° 0	21° 0	14°47	3° 4	14° 4	10°20	27°34	28°55	4°13	1°19	0° 8	25°26	n.a.	S 30
S 31	1 58 48	28♎54'40	0♒59	22♎34	15♐52	2♊52	14♒ 7	10♎27	27♉32	28♎57	4♍15	1°D19	0♈ 5	25♐33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	0n36	29s 5	5s17	9n49	1n57	17s46	2s12	21n10	0n 5	18s20	1s39	0s40	2n19	20n 3	0s 3	9s 8	1n52	25n51	16n39	0n41	0n40	28s39		n.a.	
S 2	0 12	28 32	5 13	9 35	2 3	18 10	2 15	21 14	0 7	18 21	1 39	0 43	2 19	20 3	0 3	9 9	1 52	25 50	16 39	0 41	0 39	28 39		n.a.	
S 3	0s13	26 38	4 55	9 17	2 7	18 35	2 18	21 18	0 9	18 22	1 39	0 46	2 19	20 3	0 3	9 10	1 52	25 49	16 39	0 41	0 38	28 40		n.a.	
M 4	0 37	23 28	4 24	8 56	2 10	18 58	2 21	21 21	0 11	18 22	1 38	0 49	2 19	20 3	0 3	9 10	1 52	25 49	16 39	0 41	0 37	28 41		n.a.	
T 5	1 1	19 10	3 39	8 32	2 12	19 21	2 23	21 25	0 13	18 23	1 38	0 52	2 19	20 2	0 3	9 11	1 52	25 48	16 40	0 41	0 35	28 41		n.a.	
W 6	1 26	13 55	2 43	8 5	2 13	19 44	2 26	21 29	0 15	18 24	1 38	0 55	2 19	20 2	0 3	9 12	1 52	25 48	16 40	0 41	0 34	28 42		n.a.	
T 7	1 50	7 55	1 37	7 35	2 13	20 6	2 29	21 32	0 17	18 24	1 38	0 57	2 19	20 2	0 3	9 13	1 52	25 47	16 40	0 41	0 33	28 42		n.a.	
F 8	2 15	1 26	0 24	7 3	2 12	20 28	2 31	21 35	0 19	18 25	1 38	1 0	2 19	20 2	0 3	9 14	1 52	25 47	16 40	0 41	0 32	28 43		n.a.	
S 9	2 39	5n17	0n52	6 29	2 10	20 49	2 33	21 38	0 21	18 25	1 37	1 3	2 19	20 1	0 3	9 14	1 52	25 46	16 41	0 41	0 30	28 43		n.a.	
S 10	3 3	11 52	2 7	5 54	2 8	21 10	2 36	21 42	0 23	18 26	1 37	1 6	2 19	20 1	0 3	9 15	1 52	25 46	16 41	0 41	0 29	28 44		n.a.	
M11	3 28	17 56	3 14	5 17	2 5	21 30	2 38	21 44	0 25	18 26	1 37	1 9	2 19	20 1	0 3	9 16	1 52	25 45	16 41	0 41	0 28	28 44		n.a.	
T 12	3 52	23 4	4 10	4 38	2 2	21 49	2 40	21 47	0 28	18 26	1 37	1 12	2 19	20 0	0 3	9 17	1 52	25 45	16 42	0 40	0 26	28 45		n.a.	
W13	4 16	26 48	4 50	3 59	1 58	22 8	2 42	21 50	0 30	18 26	1 36	1 14	2 19	20 0	0 3	9 18	1 52	25 44	16 42	0 40	0 25	28 45		n.a.	
T 14	4 40	28 48	5 12	3 19	1 54	22 27	2 44	21 53	0 32	18 26	1 36	1 17	2 19	20 0	0 3	9 18	1 52	25 44	16 42	0 40	0 24	28 45		n.a.	
F 15	5 4	28 53	5 15	2 38	1 49	22 45	2 46	21 55	0 34	18 26	1 36	1 20	2 19	19 59	0 3	9 19	1 52	25 43	16 43	0 39	0 23	28 46		n.a.	
S 16	5 28	27 4	4 59	1 56	1 44	23 2	2 48	21 58	0 37	18 26	1 36	1 23	2 19	19 59	0 3	9 20	1 52	25 43	16 43	0 39	0 21	28 46		n.a.	
S 17	5 52	23 36	4 25	1 14	1 39	23 19	2 50	22 0	0 39	18 26	1 35	1 26	2 19	19 59	0 3	9 21	1 52	25 43	16 44	0 40	0 20	28 47		n.a.	
M18	6 16	18 52	3 36	0 32	1 33	23 35	2 51	22 2	0 41	18 26	1 35	1 28	2 19	19 58	0 3	9 22	1 52	25 42	16 44	0 40	0 19	28 47		n.a.	
T 19	6 40	13 15	2 36	0s11	1 27	23 50	2 53	22 4	0 44	18 26	1 35	1 31	2 19	19 58	0 3	9 22	1 52	25 42	16 44	0 41	0 17	28 48		n.a.	
W20	7 4	7 6	1 28	0 54	1 21	24 5	2 54	22 6	0 46	18 26	1 35	1 34	2 19	19 57	0 3	9 23	1 52	25 41	16 45	0 41	0 16	28 48		n.a.	
T 21	7 27	0 45	0 16	1 38	1 15	24 19	2 56	22 7	0 49	18 25	1 34	1 37	2 19	19 57	0 3	9 24	1 52	25 41	16 45	0 41	0 15	28 48		n.a.	
F 22	7 51	5s32	0s55	2 21	1 9	24 33	2 57	22 9	0 51	18 25	1 34	1 40	2 19	19 57	0 3	9 25	1 52	25 41	16 46	0 41	0 14	28 49		n.a.	
S 23	8 14	11 30	2 2	3 4	1 3	24 46	2 58	22 10	0 53	18 25	1 34	1 42	2 19	19 56	0 3	9 26	1 52	25 40	16 46	0 41	0 12	28 49		n.a.	
S 24	8 37	16 54	3 2	3 47	0 56	24 58	2 59	22 12	0 56	18 24	1 33	1 45	2 19	19 56	0 3	9 27	1 52	25 40	16 46	0 40	0 11	28 50		n.a.	
M25	9 0	21 32	3 52	4 31	0 50	25 9	3 0	22 13	0 59	18 23	1 33	1 48	2 19	19 55	0 3	9 27	1 52	25 40	16 47	0 38	0 10	28 50		n.a.	
T 26	9 23	25 11	4 32	5 14	0 43	25 20	3 1	22 14	1 1	18 23	1 33	1 50	2 19	19 55	0 3	9 28	1 52	25 40	16 47	0 37	0 8	28 50		n.a.	
W27	9 46	27 41	4 58	5 57	0 37	25 30	3 1	22 15	1 4	18 22	1 33	1 53	2 19	19 54	0 3	9 29	1 52	25 39	16 48	0 35	0 7	28 51		n.a.	
T 28	10 9	28 55	5 12	6 39	0 30	25 40	3 2	22 15	1 6	18 21	1 32	1 56	2 19	19 54	0 3	9 30	1 52	25 39	16 48	0 34	0 6	28 51		n.a.	
F 29	10 31	28 49	5 12	7 22	0 23	25 49	3 2	22 16	1 9	18 21	1 32	1 59	2 19	19 53	0 3	9 31	1 52	25 39	16 49	0 33	0 5	28 51		n.a.	
S 30	10 53	27 22	4 59	8 4	0 16	25 57	3 2	22 16	1 12	18 20	1 32	2 1	2 19	19 53	0 3	9 31	1 52	25 39	16 49	0 32	0 3	28 52		n.a.	
S 31	11s15	24s41	4s33	8s46	0n10	26s 4	3s 2	22n16	1n14	18s19	1s32	2s 4	2n19	19n53	0s 3	9s32	1n52	25n39	16n50	0n32	0n 2	28s52		n.a.	

Julian Day Number = 1359368.5, Delta T = 07h00m19s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°45'38, Lahiri = -17°38'37 Julian Calendar 1 Oct. 992 BCE == Greg. Calendar 22 Sept. 992 BCE

The year -991 astronomical counting style corresponds to year 992 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 992 BCE
geocentric

NOVEMBER 992 BCE (-991) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 2 44	29♎55'47	13♒10	24♎ 8	16♐57	2°R39	14♒ 9	10♎34	27°R29	28♎59	4♍16	1♈19	0♈ 2	25♐40	n.a.	M 1
T 2	2 6 41	0♏56'55	25°38	25°42	18° 2	2♊25	14°12	10°40	27♉27	29° 2	4°18	1°21	29♓59	25°47	n.a.	T 2
W 3	2 10 37	1°58'04	8♓26	27°16	19° 6	2°11	14°15	10°47	27°25	29° 4	4°19	1°23	29°55	25°53	n.a.	W 3
T 4	2 14 34	2°59'13	21°37	28°50	20°10	1°55	14°18	10°54	27°23	29° 6	4°21	1°24	29°52	26° 0	n.a.	T 4
F 5	2 18 30	4° 0'23	5♈15	0♏24	21°14	1°39	14°21	11° 1	27°20	29° 8	4°22	1°R24	29°49	26° 7	n.a.	F 5
S 6	2 22 27	5° 1'34	19°18	1°59	22°17	1°23	14°25	11° 7	27°18	29°11	4°24	1°23	29°46	26°13	n.a.	S 6
S 7	2 26 24	6° 2'45	3♉43	3°33	23°20	1° 5	14°29	11°14	27°16	29°13	4°25	1°20	29°43	26°20	n.a.	S 7
M 8	2 30 20	7° 3'56	18°26	5° 7	24°23	0°47	14°33	11°20	27°13	29°15	4°26	1°16	29°40	26°27	n.a.	M 8
T 9	2 34 17	8° 5'09	3♊18	6°42	25°25	0°28	14°37	11°27	27°11	29°17	4°28	1°10	29°36	26°34	n.a.	T 9
W10	2 38 13	9° 6'22	18°11	8°16	26°27	0° 9	14°41	11°34	27° 9	29°20	4°29	1° 4	29°33	26°40	n.a.	W10
T 11	2 42 10	10° 7'36	2♋57	9°51	27°29	29♉49	14°45	11°40	27° 6	29°22	4°30	0°59	29°30	26°47	n.a.	T 11
F 12	2 46 6	11° 8'50	17°29	11°26	28°30	29°28	14°50	11°47	27° 4	29°24	4°31	0°55	29°27	26°54	n.a.	F 12
S 13	2 50 3	12°10'06	1♌44	13° 1	29°31	29° 7	14°55	11°53	27° 1	29°26	4°33	0°52	29°24	27° 0	n.a.	S 13
S 14	2 54 0	13°11'22	15°38	14°36	0♑31	28°46	15° 0	11°59	26°59	29°29	4°34	0°D52	29°20	27° 7	n.a.	S 14
M15	2 57 56	14°12'38	29°13	16°11	1°31	28°24	15° 5	12° 6	26°56	29°31	4°35	0°53	29°17	27°14	n.a.	M15
T 16	3 1 53	15°13'55	12♍29	17°47	2°31	28° 1	15°11	12°12	26°54	29°33	4°36	0°54	29°14	27°21	n.a.	T 16
W17	3 5 49	16°15'13	25°30	19°23	3°30	27°38	15°16	12°18	26°51	29°35	4°37	0°R55	29°11	27°27	n.a.	W17
T 18	3 9 46	17°16'31	8♎17	20°59	4°28	27°15	15°22	12°25	26°49	29°37	4°38	0°55	29° 8	27°34	n.a.	T 18
F 19	3 13 42	18°17'49	20°52	22°35	5°27	26°52	15°28	12°31	26°46	29°40	4°39	0°53	29° 5	27°41	n.a.	F 19
S 20	3 17 39	19°19'08	3♏17	24°12	6°24	26°28	15°34	12°37	26°44	29°42	4°40	0°48	29° 1	27°48	n.a.	S 20
S 21	3 21 35	20°20'27	15°33	25°48	7°21	26° 4	15°40	12°43	26°41	29°44	4°41	0°41	28°58	27°54	n.a.	S 21
M22	3 25 32	21°21'46	27°42	27°25	8°18	25°40	15°47	12°49	26°38	29°46	4°42	0°32	28°55	28° 1	n.a.	M22
T 23	3 29 29	22°23'05	9♐44	29° 3	9°14	25°16	15°53	12°55	26°36	29°48	4°43	0°22	28°52	28° 8	n.a.	T 23
W24	3 33 25	23°24'24	21°40	0♐40	10° 9	24°52	16° 0	13° 1	26°33	29°50	4°44	0°11	28°49	28°14	n.a.	W24
T 25	3 37 22	24°25'43	3♑32	2°18	11° 4	24°28	16° 7	13° 7	26°31	29°52	4°44	0° 0	28°46	28°21	n.a.	T 25
F 26	3 41 18	25°27'01	15°23	3°56	11°58	24° 4	16°14	13°13	26°28	29°54	4°45	29♓51	28°42	28°28	n.a.	F 26
S 27	3 45 15	26°28'20	27°15	5°34	12°52	23°40	16°21	13°19	26°25	29°57	4°46	29°45	28°39	28°35	n.a.	S 27
S 28	3 49 11	27°29'37	9♒12	7°12	13°45	23°16	16°29	13°24	26°23	29°59	4°47	29°40	28°36	28°41	n.a.	S 28
M29	3 53 8	28°30'55	21°18	8°50	14°37	22°53	16°36	13°30	26°20	0♏ 1	4°47	29°38	28°33	28°48	n.a.	M29
T 30	3 57 5	29♏32'11	3♓40	10♐29	15♑28	22♉30	16♒44	13♎36	26♉18	0♏ 3	4♍48	29°D38	28♓30	28♐55	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s37	20s51	3s54	9s27	0n 3	26s11	3s 2	22n16	1n17	18s18	1s31	2s 7	2n20	19n52	0s 3	9s33	1n52	25n38	16n50	0n32	0n 1	28s52		n.a.
T 2	11 59	16 3	3 3	10 8	0s 3	26 17	3 2	22 16	1 19	18 17	1 31	2 9	2 20	19 52	0 3	9 34	1 52	25 38	16 51	0 33	0s 1	28 53		n.a.
W 3	12 21	10 25	2 2	10 49	0 10	26 23	3 2	22 16	1 22	18 16	1 31	2 12	2 20	19 51	0 3	9 35	1 52	25 38	16 51	0 33	0 2	28 53		n.a.
T 4	12 42	4 11	0 53	11 29	0 16	26 27	3 1	22 15	1 25	18 14	1 31	2 14	2 20	19 50	0 3	9 35	1 52	25 38	16 52	0 34	0 3	28 53		n.a.
F 5	13 3	2n26	0n21	12 9	0 23	26 31	3 0	22 15	1 27	18 13	1 30	2 17	2 20	19 50	0 3	9 36	1 52	25 38	16 52	0 34	0 4	28 53		n.a.
S 6	13 24	9 9	1 36	12 48	0 29	26 35	3 0	22 14	1 30	18 12	1 30	2 20	2 20	19 49	0 3	9 37	1 52	25 38	16 52	0 34	0 6	28 54		n.a.
S 7	13 45	15 34	2 47	13 27	0 35	26 37	2 59	22 13	1 33	18 10	1 30	2 22	2 20	19 49	0 3	9 38	1 52	25 38	16 53	0 32	0 7	28 54		n.a.
M 8	14 5	21 14	3 48	14 5	0 42	26 39	2 58	22 11	1 35	18 9	1 30	2 25	2 20	19 48	0 3	9 39	1 52	25 38	16 54	0 31	0 8	28 54		n.a.
T 9	14 25	25 38	4 34	14 43	0 48	26 40	2 56	22 10	1 38	18 8	1 29	2 27	2 20	19 48	0 3	9 39	1 52	25 38	16 54	0 28	0 10	28 54		n.a.
W10	14 45	28 18	5 2	15 20	0 54	26 41	2 55	22 8	1 41	18 6	1 29	2 30	2 20	19 47	0 3	9 40	1 52	25 38	16 55	0 26	0 11	28 55		n.a.
T 11	15 5	28 57	5 10	15 56	0 59	26 41	2 53	22 7	1 43	18 4	1 29	2 32	2 20	19 47	0 2	9 41	1 52	25 38	16 55	0 24	0 12	28 55		n.a.
F 12	15 24	27 34	4 57	16 32	1 5	26 40	2 51	22 4	1 46	18 3	1 28	2 35	2 20	19 46	0 2	9 42	1 52	25 38	16 56	0 22	0 13	28 55		n.a.
S 13	15 44	24 24	4 26	17 6	1 10	26 38	2 49	22 2	1 48	18 1	1 28	2 37	2 20	19 46	0 2	9 43	1 52	25 38	16 56	0 21	0 15	28 55		n.a.
S 14	16 3	19 54	3 40	17 41	1 16	26 36	2 47	22 0	1 51	17 59	1 28	2 40	2 21	19 45	0 2	9 43	1 52	25 38	16 57	0 21	0 16	28 55		n.a.
M15	16 21	14 28	2 43	18 14	1 21	26 33	2 45	21 57	1 53	17 58	1 28	2 42	2 21	19 44	0 2	9 44	1 52	25 38	16 57	0 21	0 17	28 56		n.a.
T 16	16 40	8 29	1 38	18 46	1 26	26 30	2 42	21 55	1 56	17 56	1 27	2 44	2 21	19 44	0 2	9 45	1 52	25 38	16 58	0 22	0 19	28 56		n.a.
W17	16 58	2 16	0 29	19 18	1 31	26 26	2 40	21 52	1 58	17 54	1 27	2 47	2 21	19 43	0 2	9 46	1 52	25 38	16 58	0 22	0 20	28 56		n.a.
T 18	17 15	3s56	0s40	19 49	1 35	26 21	2 37	21 48	2 1	17 52	1 27	2 49	2 21	19 43	0 2	9 47	1 52	25 38	16 59	0 22	0 21	28 56		n.a.
F 19	17 33	9 54	1 45	20 18	1 39	26 16	2 34	21 45	2 3	17 50	1 27	2 52	2 21	19 42	0 2	9 47	1 52	25 38	16 59	0 21	0 22	28 56		n.a.
S 20	17 50	15 23	2 45	20 47	1 43	26 10	2 30	21 42	2 5	17 48	1 26	2 54	2 21	19 42	0 2	9 48	1 52	25 38	17 0	0 20	0 24	28 56		n.a.
S 21	18 7	20 12	3 36	21 15	1 47	26 3	2 27	21 38	2 7	17 46	1 26	2 56	2 21	19 41	0 2	9 49	1 52	25 38	17 1	0 17	0 25	28 57		n.a.
M22	18 23	24 7	4 17	21 41	1 51	25 56	2 23	21 34	2 9	17 43	1 26	2 58	2 21	19 40	0 2	9 50	1 52	25 39	17 1	0 13	0 26	28 57		n.a.
T 23	18 39	26 58	4 46	22 7	1 54	25 48	2 19	21 30	2 12	17 41	1 26	3 1	2 22	19 40	0 2	9 50	1 52	25 39	17 2	0 9	0 28	28 57		n.a.
W24	18 55	28 34	5 1	22 31	1 57	25 40	2 15	21 26	2 14	17 39	1 25	3 3	2 22	19 39	0 2	9 51	1 52	25 39	17 2	0 4	0 29	28 57		n.a.
T 25	19 10	28 50	5 4	22 54	1 59	25 31	2 11	21 22	2 16	17 37	1 25	3 5	2 22	19 39	0 2	9 52	1 52	25 39	17 3	0 0	0 30	28 57		n.a.
F 26	19 26	27 47	4 54	23 15	2 2	25 22	2 6	21 18	2 18	17 34	1 25	3 7	2 22	19 38	0 2	9 52	1 52	25 39	17 3	0s 3	0 31	28 57		n.a.
S 27	19 40	25 28	4 31	23 36	2 3	25 12	2 2	21 14	2 19	17 32	1 25	3 9	2 22	19 37	0 2	9 53	1 52	25 40	17 4	0 6	0 33	28 57		n.a.
S 28	19 55	22 1	3 56	23 54	2 5	25 2	1 57	21 9	2 21	17 29	1 25	3 12	2 22	19 37	0 2	9 54	1 52	25 40	17 5	0 8	0 34	28 57		n.a.
M29	20 9	17 37	3 10	24 11	2 6	24 51	1 51	21 5	2 23	17 27	1 24	3 14	2 22	19 36	0 2	9 55	1 52	25 40	17 5	0 9	0 35	28 57		n.a.
T 30	20s22	12s24	2s14	24s27	2s 6	24s39	1s46	21n 1	2n25	17s24	1s24	3s16	2n23	19n35	0s 2	9s55	1n52	25n41	17n 6	0s 9	0s36	28s57		n.a.

Julian Day Number = 1359399.5, Delta T = 07h00m18s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°45'33, Lahiri = -17°38'33 Julian Calendar 1 Nov. 992 BCE == Greg. Calendar 23 Oct. 992 BCE

The year -991 astronomical counting style corresponds to year 992 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 992 BCE
geocentric

DECEMBER 992 BCE (-991) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 1 1	0♐33'27	16♓21	12♐ 7	16♑18	22°R 7	16♒52	13♎41	26°R15	0♏ 5	4♍49	29♓39	28♓26	29♐ 2	n.a.	W 1
T 2	4 4 58	1°34'43	29°26	13°45	17° 8	21♉44	17° 0	13°47	26♉13	0° 7	4°49	29°R39	28°23	29° 8	n.a.	T 2
F 3	4 8 54	2°35'57	12♈59	15°23	17°57	21°22	17° 8	13°52	26°10	0° 9	4°50	29°38	28°20	29°15	n.a.	F 3
S 4	4 12 51	3°37'11	27° 2	17° 0	18°45	21° 0	17°16	13°58	26° 7	0°11	4°50	29°35	28°17	29°22	n.a.	S 4
S 5	4 16 47	4°38'25	11♉34	18°37	19°31	20°39	17°25	14° 3	26° 5	0°13	4°51	29°30	28°14	29°28	n.a.	S 5
M 6	4 20 44	5°39'38	26°30	20°14	20°17	20°18	17°34	14° 8	26° 2	0°15	4°51	29°22	28°11	29°35	n.a.	M 6
T 7	4 24 40	6°40'50	11♊41	21°49	21° 2	19°58	17°42	14°13	26° 0	0°17	4°51	29°12	28° 7	29°42	n.a.	T 7
W 8	4 28 37	7°42'02	26°58	23°23	21°46	19°39	17°51	14°19	25°57	0°18	4°52	29° 1	28° 4	29°49	n.a.	W 8
T 9	4 32 34	8°43'14	12♋ 8	24°56	22°29	19°20	18° 0	14°24	25°55	0°20	4°52	28°51	28° 1	29°55	n.a.	T 9
F 10	4 36 30	9°44'25	27° 3	26°27	23°11	19° 1	18° 9	14°29	25°52	0°22	4°52	28°43	27°58	0♑ 2	n.a.	F 10
S 11	4 40 27	10°45'35	11♌34	27°55	23°51	18°43	18°19	14°34	25°50	0°24	4°53	28°37	27°55	0° 9	n.a.	S 11
S 12	4 44 23	11°46'45	25°39	29°21	24°30	18°26	18°28	14°38	25°47	0°26	4°53	28°34	27°52	0°16	n.a.	S 12
M13	4 48 20	12°47'54	9♍17	0♑44	25° 8	18°10	18°38	14°43	25°45	0°28	4°53	28°D33	27°48	0°22	n.a.	M13
T 14	4 52 16	13°49'03	22°30	2° 3	25°45	17°54	18°47	14°48	25°42	0°29	4°53	28°R33	27°45	0°29	n.a.	T 14
W15	4 56 13	14°50'11	5♎23	3°17	26°20	17°39	18°57	14°53	25°40	0°31	4°53	28°33	27°42	0°36	n.a.	W15
T 16	5 0 10	15°51'19	17°58	4°26	26°54	17°25	19° 7	14°57	25°38	0°33	4°53	28°31	27°39	0°42	n.a.	T 16
F 17	5 4 6	16°52'26	0♏19	5°29	27°26	17°12	19°17	15° 2	25°35	0°35	4°R53	28°27	27°36	0°49	n.a.	F 17
S 18	5 8 3	17°53'32	12°31	6°25	27°57	16°59	19°27	15° 6	25°33	0°36	4°53	28°21	27°32	0°56	n.a.	S 18
S 19	5 11 59	18°54'37	24°35	7°14	28°26	16°47	19°38	15°10	25°30	0°38	4°53	28°11	27°29	1° 3	n.a.	S 19
M20	5 15 56	19°55'42	6♐34	7°54	28°54	16°36	19°48	15°15	25°28	0°40	4°53	27°58	27°26	1° 9	n.a.	M20
T 21	5 19 52	20°56'45	18°30	8°25	29°19	16°26	19°59	15°19	25°26	0°41	4°53	27°43	27°23	1°16	n.a.	T 21
W22	5 23 49	21°57'48	0♑22	8°45	29°43	16°16	20° 9	15°23	25°24	0°43	4°53	27°28	27°20	1°23	n.a.	W22
T 23	5 27 45	22°58'49	12°14	8°R55	0♒ 5	16° 8	20°20	15°27	25°21	0°44	4°53	27°13	27°17	1°30	n.a.	T 23
F 24	5 31 42	23°59'49	24° 6	8°54	0°25	16° 0	20°31	15°31	25°19	0°46	4°52	27° 0	27°13	1°36	n.a.	F 24
S 25	5 35 39	25° 0'48	6♒ 0	8°42	0°44	15°53	20°42	15°35	25°17	0°48	4°52	26°50	27°10	1°43	n.a.	S 25
S 26	5 39 35	26° 1'45	17°59	8°18	1° 0	15°47	20°53	15°39	25°15	0°49	4°52	26°42	27° 7	1°50	n.a.	S 26
M27	5 43 32	27° 2'40	0♓ 6	7°44	1°14	15°41	21° 4	15°42	25°13	0°50	4°51	26°38	27° 4	1°56	n.a.	M27
T 28	5 47 28	28° 3'34	12°25	6°59	1°25	15°37	21°15	15°46	25°11	0°52	4°51	26°36	27° 1	2° 3	n.a.	T 28
W29	5 51 25	29° 4'27	25° 1	6° 6	1°35	15°33	21°27	15°49	25° 9	0°53	4°51	26°35	26°57	2°10	n.a.	W29
T 30	5 55 21	0♑ 5'18	7♈59	5° 5	1°42	15°30	21°38	15°53	25° 7	0°55	4°50	26°35	26°54	2°17	n.a.	T 30
F 31	5 59 18	1♑ 6'07	21♈23	3♑59	1♒47	15♉28	21♒50	15♎56	25♉ 5	0♏56	4♍50	26♓34	26♓51	2♑23	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	20s35	6s33	1s10	24s41	2s 6	24s28	1s40	20n56	2n26	17s21	1s24	3s18	2n23	19n35	0s 2	9s56	1n52	25n41	17n 6	0s 9	0s38	28s57			n.a.
T 2	20 48	0 15	0 1	24 54	2 6	24 15	1 34	20 52	2 28	17 19	1 24	3 20	2 23	19 34	0 2	9 57	1 52	25 41	17 7	0 8	0 39	28 57			n.a.
F 3	21 0	6n17	1n10	25 4	2 5	24 3	1 28	20 47	2 29	17 16	1 23	3 22	2 23	19 34	0 2	9 57	1 52	25 42	17 8	0 9	0 40	28 58			n.a.
S 4	21 12	12 45	2 20	25 13	2 3	23 50	1 22	20 42	2 31	17 13	1 23	3 24	2 23	19 33	0 2	9 58	1 52	25 42	17 8	0 10	0 42	28 58			n.a.
S 5	21 24	18 45	3 23	25 20	2 1	23 36	1 15	20 38	2 32	17 10	1 23	3 26	2 23	19 32	0 2	9 59	1 52	25 42	17 9	0 12	0 43	28 58			n.a.
M 6	21 35	23 47	4 14	25 25	1 58	23 22	1 8	20 33	2 33	17 7	1 23	3 28	2 23	19 32	0 2	9 59	1 52	25 43	17 9	0 16	0 44	28 58			n.a.
T 7	21 46	27 18	4 48	25 28	1 55	23 8	1 1	20 29	2 34	17 4	1 23	3 30	2 24	19 31	0 2	10 0	1 52	25 43	17 10	0 20	0 45	28 58			n.a.
W 8	21 56	28 48	5 2	25 29	1 50	22 54	0 53	20 24	2 35	17 2	1 22	3 31	2 24	19 31	0 2	10 1	1 52	25 43	17 11	0 24	0 47	28 58			n.a.
T 9	22 6	28 8	4 54	25 28	1 45	22 39	0 45	20 20	2 36	16 58	1 22	3 33	2 24	19 30	0 2	10 1	1 52	25 44	17 11	0 28	0 48	28 58			n.a.
F 10	22 16	25 25	4 26	25 25	1 39	22 24	0 37	20 16	2 37	16 55	1 22	3 35	2 24	19 29	0 2	10 2	1 52	25 44	17 12	0 31	0 49	28 57			n.a.
S 11	22 25	21 8	3 42	25 20	1 32	22 9	0 29	20 12	2 38	16 52	1 22	3 37	2 24	19 29	0 2	10 3	1 52	25 45	17 12	0 34	0 51	28 57			n.a.
S 12	22 33	15 45	2 45	25 13	1 24	21 54	0 21	20 8	2 39	16 49	1 22	3 39	2 24	19 28	0 2	10 3	1 52	25 45	17 13	0 35	0 52	28 57			n.a.
M13	22 41	9 45	1 40	25 4	1 16	21 38	0 12	20 4	2 40	16 46	1 21	3 40	2 25	19 28	0 2	10 4	1 52	25 46	17 14	0 35	0 53	28 57			n.a.
T 14	22 49	3 30	0 32	24 54	1 6	21 22	0 3	20 0	2 40	16 43	1 21	3 42	2 25	19 27	0 2	10 4	1 52	25 46	17 14	0 35	0 54	28 57			n.a.
W15	22 56	2s43	0s36	24 42	0 55	21 6	0n 7	19 56	2 41	16 39	1 21	3 44	2 25	19 27	0 2	10 5	1 52	25 47	17 15	0 35	0 56	28 57			n.a.
T 16	23 3	8 42	1 41	24 28	0 43	20 50	0 16	19 52	2 42	16 36	1 21	3 45	2 25	19 26	0 2	10 5	1 52	25 47	17 15	0 36	0 57	28 57			n.a.
F 17	23 9	14 15	2 39	24 12	0 31	20 34	0 26	19 49	2 42	16 33	1 21	3 47	2 25	19 25	0 2	10 6	1 52	25 48	17 16	0 37	0 58	28 57			n.a.
S 18	23 15	19 9	3 30	23 56	0 17	20 18	0 37	19 46	2 42	16 29	1 20	3 48	2 26	19 25	0 2	10 7	1 53	25 48	17 16	0 40	1 0	28 57			n.a.
S 19	23 21	23 15	4 10	23 39	0 2	20 2	0 47	19 43	2 43	16 26	1 20	3 50	2 26	19 24	0 2	10 7	1 53	25 49	17 17	0 44	1 1	28 57			n.a.
M20	23 26	26 19	4 39	23 20	0n14	19 45	0 58	19 40	2 43	16 22	1 20	3 51	2 26	19 24	0 2	10 8	1 53	25 49	17 18	0 49	1 2	28 57			n.a.
T 21	23 30	28 12	4 55	23 2	0 31	19 29	1 9	19 37	2 43	16 19	1 20	3 53	2 26	19 23	0 2	10 8	1 53	25 50	17 18	0 55	1 3	28 57			n.a.
W22	23 34	28 47	4 59	22 43	0 48	19 13	1 21	19 34	2 44	16 15	1 20	3 54	2 26	19 23	0 2	10 9	1 53	25 51	17 19	1 1	1 5	28 56			n.a.
T 23	23 38	28 2	4 49	22 24	1 6	18 57	1 33	19 32	2 44	16 11	1 19	3 56	2 27	19 22	0 2	10 9	1 53	25 51	17 19	1 7	1 6	28 56			n.a.
F 24	23 41	26 0	4 27	22 6	1 25	18 40	1 45	19 30	2 44	16 8	1 19	3 57	2 27	19 22	0 2	10 10	1 53	25 52	17 20	1 13	1 7	28 56			n.a.
S 25	23 43	22 49	3 53	21 48	1 43	18 24	1 57	19 28	2 44	16 4	1 19	3 58	2 27	19 21	0 2	10 10	1 53	25 52	17 21	1 17	1 9	28 56			n.a.
S 26	23 45	18 40	3 8	21 32	2 2	18 9	2 10	19 26	2 44	16 0	1 19	4 0	2 27	19 21	0 2	10 11	1 53	25 53	17 21	1 20	1 10	28 56			n.a.
M27	23 47	13 43	2 15	21 16	2 19	17 53	2 22	19 24	2 44	15 56	1 19	4 1	2 27	19 20	0 2	10 11	1 53	25 54	17 22	1 22	1 11	28 56			n.a.
T 28	23 48	8 9	1 14	21 2	2 36	17 38	2 35	19 23	2 44	15 53	1 19	4 2	2 28	19 20	0 2	10 12	1 53	25 54	17 22	1 22	1 12	28 55			n.a.
W29	23 49	2 8	0 8	20 49	2 52	17 23	2 49	19 22	2 44	15 49	1 18	4 3	2 28	19 19	0 2	10 12	1 53	25 55	17 23	1 23	1 14	28 55			n.a.
T 30	23 49	4n 8	1n 0	20 37	3 6	17 8	3 2	19 21	2 44	15 45	1 18	4 4	2 28	19 19	0 2	10 13	1 53	25 56	17 23	1 23	1 15	28 55			n.a.
F 31	23s49	10n25	2n 7	20s27	3n18	16s53	3n16	19n20	2n44	15s41	1s18	4s 5	2n28	19n18	0s 2	10s13	1n53	25n56	17n24	1s23	1s16	28s55			n.a.

Julian Day Number = 1359429.5, Delta T = 07h00m16s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°45'29, Lahiri = -17°38'29 Julian Calendar 1 Dec. 992 BCE == Greg. Calendar 22 Nov. 992 BCE

The year -991 astronomical counting style corresponds to year 992 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 991 BCE
geocentric

JANUARY 991 BCE (-990) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 3 15	2♉ 6'54	5♉15	2°R49	1°R49	15°R26	22♒ 1	15♎59	25°R 3	0♏57	4°R49	26°R31	26♓48	2♉30	n.a.	S 1
S 2	6 7 11	3° 7'40	19°38	1♉37	1♒49	15°D26	22°13	16° 3	25♉ 1	0°59	4♍49	26♓25	26°45	2°37	n.a.	S 2
M 3	6 11 8	4° 8'24	4♊27	0°26	1°46	15♉26	22°25	16° 6	24°59	1° 0	4°48	26°17	26°42	2°43	n.a.	M 3
T 4	6 15 4	5° 9'06	19°38	29♐16	1°41	15°27	22°37	16° 9	24°57	1° 1	4°48	26° 6	26°38	2°50	n.a.	T 4
W 5	6 19 1	6° 9'47	5♋ 0	28°11	1°33	15°28	22°49	16°12	24°56	1° 2	4°47	25°55	26°35	2°57	n.a.	W 5
T 6	6 22 57	7°10'26	20°21	27°10	1°23	15°30	23° 1	16°14	24°54	1° 4	4°46	25°44	26°32	3° 4	n.a.	T 6
F 7	6 26 54	8°11'04	5♌30	26°16	1°10	15°33	23°13	16°17	24°52	1° 5	4°46	25°35	26°29	3°10	n.a.	F 7
S 8	6 30 50	9°11'40	20°16	25°29	0°54	15°37	23°25	16°20	24°50	1° 6	4°45	25°28	26°26	3°17	n.a.	S 8
S 9	6 34 47	10°12'14	4♍36	24°50	0°36	15°42	23°38	16°22	24°49	1° 7	4°44	25°24	26°23	3°24	n.a.	S 9
M10	6 38 44	11°12'48	18°25	24°18	0°16	15°47	23°50	16°25	24°47	1° 8	4°43	25°23	26°19	3°31	n.a.	M10
T 11	6 42 40	12°13'19	1♎46	23°54	29♉54	15°52	24° 2	16°27	24°46	1° 9	4°42	25°D23	26°16	3°37	n.a.	T 11
W12	6 46 37	13°13'49	14°42	23°38	29°29	15°59	24°15	16°29	24°44	1°10	4°42	25°R23	26°13	3°44	n.a.	W12
T 13	6 50 33	14°14'18	27°16	23°29	29° 2	16° 6	24°28	16°32	24°43	1°11	4°41	25°22	26°10	3°51	n.a.	T 13
F 14	6 54 30	15°14'46	9♏34	23°D28	28°33	16°13	24°40	16°34	24°41	1°12	4°40	25°19	26° 7	3°57	n.a.	F 14
S 15	6 58 26	16°15'11	21°40	23°33	28° 2	16°22	24°53	16°36	24°40	1°13	4°39	25°14	26° 3	4° 4	n.a.	S 15
S 16	7 2 23	17°15'36	3♐38	23°44	27°30	16°31	25° 6	16°37	24°39	1°14	4°38	25° 6	26° 0	4°11	n.a.	S 16
M17	7 6 19	18°15'58	15°31	24° 2	26°56	16°40	25°19	16°39	24°37	1°15	4°37	24°55	25°57	4°18	n.a.	M17
T 18	7 10 16	19°16'19	27°22	24°25	26°21	16°50	25°32	16°41	24°36	1°15	4°36	24°43	25°54	4°24	n.a.	T 18
W19	7 14 13	20°16'38	9♑14	24°54	25°45	17° 1	25°45	16°43	24°35	1°16	4°35	24°30	25°51	4°31	n.a.	W19
T 20	7 18 9	21°16'55	21° 7	25°27	25° 8	17°12	25°58	16°44	24°34	1°17	4°34	24°17	25°48	4°38	n.a.	T 20
F 21	7 22 6	22°17'11	3♒ 4	26° 4	24°31	17°24	26°11	16°45	24°33	1°18	4°33	24° 6	25°44	4°45	n.a.	F 21
S 22	7 26 2	23°17'24	15° 4	26°46	23°53	17°36	26°24	16°47	24°32	1°18	4°32	23°57	25°41	4°51	n.a.	S 22
S 23	7 29 59	24°17'35	27°11	27°32	23°15	17°49	26°38	16°48	24°31	1°19	4°30	23°51	25°38	4°58	n.a.	S 23
M24	7 33 55	25°17'44	9♓26	28°21	22°38	18° 2	26°51	16°49	24°30	1°20	4°29	23°47	25°35	5° 5	n.a.	M24
T 25	7 37 52	26°17'51	21°52	29°13	22° 0	18°16	27° 4	16°50	24°29	1°20	4°28	23°D46	25°32	5°11	n.a.	T 25
W26	7 41 48	27°17'56	4♈31	0♑ 9	21°24	18°31	27°18	16°51	24°28	1°21	4°27	23°47	25°29	5°18	n.a.	W26
T 27	7 45 45	28°17'58	17°29	1° 7	20°49	18°45	27°31	16°52	24°28	1°21	4°26	23°48	25°25	5°25	n.a.	T 27
F 28	7 49 42	29°17'58	0♉47	2° 8	20°15	19° 1	27°45	16°52	24°27	1°22	4°24	23°R48	25°22	5°32	n.a.	F 28
S 29	7 53 38	0♒17'55	14°30	3°12	19°42	19°16	27°58	16°53	24°26	1°22	4°23	23°47	25°19	5°38	n.a.	S 29
S 30	7 57 35	1°17'51	28°39	4°18	19°10	19°33	28°12	16°53	24°26	1°23	4°22	23°44	25°16	5°45	n.a.	S 30
M31	8 1 31	2♒17'44	13♊12	5♑26	18♑41	19♉49	28♒25	16♎54	24♉25	1♏23	4♍20	23♓39	25♓13	5♑52	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s48	16n26	3n 9	20s19	3n29	16s39	3n30	19n19	2n44	15s37	1s18	4s 7	2n28	19n18	0s 2	10s13	1n53	25n57	17n24	1s24	1s18	28s55		n.a.
S 2	23 47	21 47	4 1	20 12	3 36	16 26	3 44	19 19	2 43	15 33	1 18	4 8	2 29	19 17	0 2	10 14	1 53	25 58	17 25	1 27	1 19	28 54		n.a.
M 3	23 45	25 56	4 39	20 7	3 42	16 12	3 58	19 19	2 43	15 29	1 18	4 9	2 29	19 17	0 2	10 14	1 53	25 59	17 26	1 30	1 20	28 54		n.a.
T 4	23 43	28 22	4 58	20 4	3 45	16 0	4 13	19 19	2 43	15 25	1 18	4 10	2 29	19 16	0 2	10 15	1 53	25 59	17 26	1 34	1 21	28 54		n.a.
W 5	23 40	28 39	4 56	20 2	3 46	15 47	4 27	19 19	2 43	15 21	1 17	4 10	2 29	19 16	0 2	10 15	1 53	26 0	17 27	1 39	1 23	28 54		n.a.
T 6	23 37	26 45	4 33	20 3	3 45	15 36	4 41	19 20	2 42	15 16	1 17	4 11	2 30	19 16	0 2	10 15	1 53	26 1	17 27	1 43	1 24	28 53		n.a.
F 7	23 33	22 55	3 51	20 5	3 41	15 25	4 55	19 20	2 42	15 12	1 17	4 12	2 30	19 15	0 2	10 16	1 53	26 1	17 28	1 47	1 25	28 53		n.a.
S 8	23 29	17 42	2 54	20 8	3 36	15 14	5 10	19 21	2 42	15 8	1 17	4 13	2 30	19 15	0 2	10 16	1 54	26 2	17 28	1 50	1 26	28 53		n.a.
S 9	23 25	11 38	1 48	20 13	3 30	15 4	5 24	19 22	2 41	15 4	1 17	4 14	2 30	19 14	0 2	10 16	1 54	26 3	17 29	1 51	1 28	28 53		n.a.
M10	23 20	5 13	0 37	20 20	3 22	14 55	5 38	19 23	2 41	14 59	1 17	4 14	2 30	19 14	0 2	10 17	1 54	26 4	17 29	1 52	1 29	28 52		n.a.
T 11	23 15	1s14	0s34	20 28	3 13	14 46	5 51	19 24	2 41	14 55	1 17	4 15	2 31	19 14	0 2	10 17	1 54	26 5	17 30	1 52	1 30	28 52		n.a.
W12	23 9	7 25	1 41	20 37	3 3	14 38	6 5	19 26	2 40	14 51	1 16	4 16	2 31	19 13	0 2	10 17	1 54	26 5	17 30	1 52	1 32	28 52		n.a.
T 13	23 2	13 9	2 40	20 47	2 53	14 31	6 18	19 27	2 40	14 46	1 16	4 16	2 31	19 13	0 2	10 18	1 54	26 6	17 31	1 52	1 33	28 51		n.a.
F 14	22 56	18 14	3 31	20 58	2 42	14 25	6 30	19 29	2 39	14 42	1 16	4 17	2 31	19 13	0 2	10 18	1 54	26 7	17 31	1 53	1 34	28 51		n.a.
S 15	22 49	22 31	4 12	21 9	2 30	14 19	6 42	19 31	2 39	14 37	1 16	4 18	2 32	19 12	0 2	10 18	1 54	26 8	17 32	1 55	1 35	28 51		n.a.
S 16	22 41	25 48	4 41	21 21	2 19	14 14	6 53	19 33	2 38	14 33	1 16	4 18	2 32	19 12	0 2	10 18	1 54	26 9	17 32	1 59	1 37	28 50		n.a.
M17	22 33	27 57	4 58	21 34	2 7	14 10	7 4	19 36	2 38	14 28	1 16	4 19	2 32	19 12	0 2	10 19	1 54	26 9	17 33	2 3	1 38	28 50		n.a.
T 18	22 24	28 49	5 1	21 47	1 55	14 6	7 14	19 38	2 37	14 24	1 16	4 19	2 32	19 11	0 2	10 19	1 54	26 10	17 33	2 8	1 39	28 50		n.a.
W19	22 15	28 21	4 52	22 0	1 43	14 3	7 24	19 41	2 37	14 19	1 16	4 19	2 33	19 11	0 2	10 19	1 54	26 11	17 33	2 13	1 41	28 49		n.a.
T 20	22 6	26 34	4 30	22 13	1 32	14 1	7 33	19 44	2 36	14 15	1 16	4 20	2 33	19 11	0 2	10 19	1 54	26 12	17 34	2 18	1 42	28 49		n.a.
F 21	21 56	23 36	3 56	22 25	1 20	14 0	7 40	19 47	2 36	14 10	1 15	4 20	2 33	19 11	0 2	10 19	1 54	26 13	17 34	2 23	1 43	28 48		n.a.
S 22	21 46	19 36	3 11	22 38	1 9	14 0	7 47	19 50	2 35	14 5	1 15	4 20	2 33	19 10	0 2	10 20	1 54	26 13	17 35	2 26	1 44	28 48		n.a.
S 23	21 36	14 47	2 17	22 50	0 57	14 0	7 53	19 53	2 35	14 1	1 15	4 21	2 34	19 10	0 2	10 20	1 54	26 14	17 35	2 29	1 46	28 48		n.a.
M24	21 25	9 20	1 16	23 2	0 46	14 1	7 59	19 56	2 34	13 56	1 15	4 21	2 34	19 10	0 2	10 20	1 54	26 15	17 36	2 30	1 47	28 47		n.a.
T 25	21 13	3 26	0 10	23 13	0 35	14 2	8 3	20 0	2 34	13 51	1 15	4 21	2 34	19 10	0 2	10 20	1 55	26 16	17 36	2 31	1 48	28 47		n.a.
W26	21 2	2n42	0n57	23 24	0 25	14 5	8 6	20 3	2 33	13 46	1 15	4 21	2 34	19 10	0 2	10 20	1 55	26 17	17 36	2 31	1 50	28 46		n.a.
T 27	20 50	8 52	2 4	23 34	0 14	14 8	8 9	20 7	2 32	13 42	1 15	4 21	2 34	19 9	0 2	10 20	1 55	26 18	17 37	2 30	1 51	28 46		n.a.
F 28	20 37	14 49	3 5	23 43	0 4	14 11	8 10	20 11	2 32	13 37	1 15	4 21	2 35	19 9	0 2	10 20	1 55	26 18	17 37	2 30	1 52	28 46		n.a.
S 29	20 24	20 13	3 58	23 52	0s 5	14 15	8 11	20 15	2 31	13 32	1 15	4 21	2 35	19 9	0 2	10 21	1 55	26 19	17 38	2 30	1 53	28 45		n.a.
S 30	20 11	24 41	4 38	23 59	0 15	14 20	8 10	20 18	2 31	13 27	1 15	4 21	2 35	19 9	0 2	10 21	1 55	26 20	17 38	2 32	1 55	28 45		n.a.
M31	19s57	27n43	5n 1	24s 6	0s24	14s25	8n 9	20n23	2n30	13s22	1s15	4s21	2n35	19n 9	0s 2	10s21	1n55	26n21	17n38	2s34	1s56	28s44		n.a.

Julian Day Number = 1359460.5, Delta T = 07h00m15s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°45'25, Lahiri = -17°38'25 Julian Calendar 1 Jan. 991 BCE == Greg. Calendar 23 Dec. 992 BCE

The year -990 astronomical counting style corresponds to year 991 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 991 BCE
geocentric

FEBRUARY 991 BCE (-990) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 5 28	3♒17'35	28♊ 5	6♉36	18°R13	20♉ 6	28♒39	16♎54	24°R25	1♏23	4°R19	23°R32	25♓ 9	5♉58	n.a.	T 1
W 2	8 9 24	4°17'23	13♋12	7°48	17♉48	20°24	28°53	16°54	24♉24	1°24	4♍18	23♓24	25° 6	6° 5	n.a.	W 2
T 3	8 13 21	5°17'09	28°23	9° 2	17°24	20°42	29° 7	16°R54	24°24	1°24	4°16	23°17	25° 3	6°12	n.a.	T 3
F 4	8 17 17	6°16'53	13♌28	10°18	17° 3	21° 0	29°21	16°54	24°23	1°24	4°15	23°11	25° 0	6°19	n.a.	F 4
S 5	8 21 14	7°16'35	28°16	11°36	16°45	21°19	29°34	16°54	24°23	1°24	4°13	23° 6	24°57	6°25	n.a.	S 5
S 6	8 25 11	8°16'15	12♍42	12°55	16°28	21°38	29°48	16°54	24°23	1°25	4°12	23° 4	24°54	6°32	n.a.	S 6
M 7	8 29 7	9°15'53	26°40	14°16	16°15	21°57	0♓ 2	16°53	24°23	1°25	4°10	23°D 3	24°50	6°39	n.a.	M 7
T 8	8 33 4	10°15'28	10♎10	15°39	16° 3	22°17	0°16	16°53	24°23	1°25	4° 9	23° 4	24°47	6°46	n.a.	T 8
W 9	8 37 0	11°15'02	23°13	17° 3	15°55	22°37	0°30	16°52	24°23	1°25	4° 8	23° 6	24°44	6°52	n.a.	W 9
T 10	8 40 57	12°14'35	5♏53	18°29	15°48	22°58	0°44	16°52	24°D23	1°25	4° 6	23° 7	24°41	6°59	n.a.	T 10
F 11	8 44 53	13°14'05	18°15	19°56	15°44	23°19	0°58	16°51	24°23	1°R25	4° 4	23°R 7	24°38	7° 6	n.a.	F 11
S 12	8 48 50	14°13'33	0♐22	21°24	15°D43	23°40	1°12	16°50	24°23	1°25	4° 3	23° 5	24°35	7°12	n.a.	S 12
S 13	8 52 46	15°13'00	12°19	22°54	15°44	24° 1	1°26	16°49	24°23	1°25	4° 1	23° 2	24°31	7°19	n.a.	S 13
M14	8 56 43	16°12'24	24°11	24°25	15°47	24°23	1°41	16°48	24°23	1°25	4° 0	22°57	24°28	7°26	n.a.	M14
T 15	9 0 40	17°11'47	6♑ 2	25°58	15°53	24°45	1°55	16°47	24°23	1°25	3°58	22°51	24°25	7°33	n.a.	T 15
W16	9 4 36	18°11'08	17°55	27°32	16° 1	25° 8	2° 9	16°46	24°24	1°24	3°57	22°45	24°22	7°39	n.a.	W16
T 17	9 8 33	19°10'26	29°51	29° 7	16°11	25°31	2°23	16°45	24°24	1°24	3°55	22°39	24°19	7°46	n.a.	T 17
F 18	9 12 29	20° 9'43	11♒54	0♒44	16°23	25°54	2°37	16°43	24°24	1°24	3°53	22°33	24°15	7°53	n.a.	F 18
S 19	9 16 26	21° 8'57	24° 5	2°22	16°38	26°17	2°52	16°42	24°25	1°24	3°52	22°29	24°12	7°59	n.a.	S 19
S 20	9 20 22	22° 8'09	6♓24	4° 1	16°54	26°40	3° 6	16°40	24°25	1°23	3°50	22°26	24° 9	8° 6	n.a.	S 20
M21	9 24 19	23° 7'19	18°54	5°42	17°12	27° 4	3°20	16°39	24°26	1°23	3°49	22°D25	24° 6	8°13	n.a.	M21
T 22	9 28 15	24° 6'26	1♈35	7°24	17°33	27°28	3°35	16°37	24°26	1°23	3°47	22°25	24° 3	8°20	n.a.	T 22
W23	9 32 12	25° 5'31	14°29	9° 8	17°55	27°53	3°49	16°35	24°27	1°22	3°45	22°26	24° 0	8°26	n.a.	W23
T 24	9 36 8	26° 4'34	27°38	10°53	18°18	28°17	4° 3	16°33	24°28	1°22	3°44	22°28	23°56	8°33	n.a.	T 24
F 25	9 40 5	27° 3'34	11♉ 3	12°39	18°44	28°42	4°18	16°31	24°29	1°22	3°42	22°29	23°53	8°40	n.a.	F 25
S 26	9 44 2	28° 2'32	24°45	14°27	19°11	29° 8	4°32	16°29	24°29	1°21	3°40	22°R30	23°50	8°47	n.a.	S 26
S 27	9 47 58	29° 1'28	8♊46	16°16	19°40	29°33	4°46	16°27	24°30	1°21	3°39	22°30	23°47	8°53	n.a.	S 27
M28	9 51 55	0♓ 0'21	23♊ 3	18♒ 7	20♉10	29♉59	5♓ 1	16♎24	24♉31	1♏20	3♍37	22♓28	23♓44	9♉ 0	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s44	28n54	5n 6	24s12	0s33	14s30	8n 7	20n27	2n30	13s17	1s14	4s21	2n36	19n 9	0s 2	10s21	1n55	26n22	17n39	2s36	1s57	28s44		n.a.
W 2	19 29	27 56	4 49	24 16	0 41	14 36	8 5	20 31	2 29	13 12	1 14	4 21	2 36	19 9	0 2	10 21	1 55	26 23	17 39	2 39	1 58	28 43		n.a.
T 3	19 15	24 54	4 11	24 19	0 49	14 43	8 1	20 35	2 28	13 7	1 14	4 21	2 36	19 8	0 2	10 21	1 55	26 23	17 39	2 42	2 0	28 43		n.a.
F 4	19 0	20 11	3 17	24 21	0 57	14 49	7 57	20 40	2 28	13 2	1 14	4 20	2 36	19 8	0 2	10 21	1 55	26 24	17 40	2 45	2 1	28 42		n.a.
S 5	18 45	14 17	2 10	24 22	1 5	14 56	7 52	20 44	2 27	12 57	1 14	4 20	2 37	19 8	0 2	10 21	1 55	26 25	17 40	2 47	2 2	28 42		n.a.
S 6	18 29	7 45	0 56	24 22	1 12	15 4	7 47	20 49	2 27	12 52	1 14	4 20	2 37	19 8	0 2	10 21	1 55	26 26	17 40	2 48	2 4	28 41		n.a.
M 7	18 13	1 3	0s20	24 20	1 18	15 11	7 41	20 53	2 26	12 47	1 14	4 19	2 37	19 8	0 2	10 21	1 55	26 27	17 40	2 48	2 5	28 41		n.a.
T 8	17 57	5s29	1 31	24 17	1 25	15 19	7 34	20 58	2 25	12 42	1 14	4 19	2 37	19 8	0 2	10 21	1 55	26 28	17 41	2 48	2 6	28 40		n.a.
W 9	17 40	11 34	2 36	24 12	1 31	15 27	7 28	21 3	2 25	12 37	1 14	4 19	2 38	19 8	0 1	10 21	1 55	26 28	17 41	2 47	2 7	28 39		n.a.
T 10	17 24	17 0	3 31	24 7	1 36	15 34	7 20	21 8	2 24	12 32	1 14	4 18	2 38	19 8	0 1	10 21	1 55	26 29	17 41	2 46	2 9	28 39		n.a.
F 11	17 7	21 36	4 15	23 59	1 42	15 42	7 13	21 12	2 24	12 27	1 14	4 18	2 38	19 8	0 1	10 21	1 56	26 30	17 41	2 46	2 10	28 38		n.a.
S 12	16 49	25 12	4 46	23 50	1 46	15 50	7 5	21 17	2 23	12 22	1 14	4 17	2 38	19 8	0 1	10 21	1 56	26 31	17 42	2 47	2 11	28 38		n.a.
S 13	16 32	27 40	5 5	23 39	1 51	15 59	6 57	21 22	2 22	12 17	1 14	4 17	2 38	19 8	0 1	10 21	1 56	26 32	17 42	2 48	2 13	28 37		n.a.
M14	16 14	28 51	5 10	23 27	1 55	16 7	6 48	21 27	2 22	12 11	1 14	4 16	2 39	19 8	0 1	10 21	1 56	26 32	17 42	2 50	2 14	28 37		n.a.
T 15	15 55	28 42	5 2	23 14	1 58	16 15	6 39	21 32	2 21	12 6	1 14	4 15	2 39	19 8	0 1	10 20	1 56	26 33	17 42	2 53	2 15	28 36		n.a.
W16	15 37	27 14	4 41	22 58	2 2	16 22	6 31	21 37	2 21	12 1	1 14	4 15	2 39	19 9	0 1	10 20	1 56	26 34	17 43	2 55	2 16	28 35		n.a.
T 17	15 18	24 32	4 8	22 41	2 4	16 30	6 22	21 42	2 20	11 56	1 14	4 14	2 39	19 9	0 1	10 20	1 56	26 35	17 43	2 58	2 18	28 35		n.a.
F 18	15 0	20 44	3 23	22 22	2 7	16 38	6 12	21 47	2 19	11 50	1 14	4 13	2 40	19 9	0 1	10 20	1 56	26 36	17 43	3 0	2 19	28 34		n.a.
S 19	14 40	16 2	2 29	22 2	2 9	16 45	6 3	21 52	2 19	11 45	1 14	4 13	2 40	19 9	0 1	10 20	1 56	26 36	17 43	3 2	2 20	28 34		n.a.
S 20	14 21	10 38	1 26	21 39	2 10	16 53	5 54	21 57	2 18	11 40	1 13	4 12	2 40	19 9	0 1	10 20	1 56	26 37	17 43	3 3	2 21	28 33		n.a.
M21	14 1	4 45	0 19	21 15	2 11	17 0	5 44	22 2	2 18	11 35	1 13	4 11	2 40	19 9	0 1	10 20	1 56	26 38	17 43	3 3	2 23	28 32		n.a.
T 22	13 42	1n24	0n50	20 49	2 11	17 7	5 35	22 7	2 17	11 29	1 13	4 10	2 40	19 9	0 1	10 19	1 56	26 39	17 44	3 3	2 24	28 32		n.a.
W23	13 22	7 37	1 58	20 22	2 11	17 13	5 25	22 13	2 16	11 24	1 13	4 9	2 41	19 10	0 1	10 19	1 56	26 39	17 44	3 3	2 25	28 31		n.a.
T 24	13 1	13 36	3 1	19 52	2 11	17 20	5 16	22 18	2 16	11 19	1 13	4 8	2 41	19 10	0 1	10 19	1 56	26 40	17 44	3 2	2 27	28 30		n.a.
F 25	12 41	19 6	3 56	19 21	2 10	17 26	5 6	22 23	2 15	11 13	1 13	4 7	2 41	19 10	0 1	10 19	1 56	26 41	17 44	3 2	2 28	28 30		n.a.
S 26	12 20	23 45	4 38	18 48	2 8	17 31	4 57	22 28	2 15	11 8	1 13	4 6	2 41	19 10	0 1	10 19	1 56	26 42	17 44	3 1	2 29	28 29		n.a.
S 27	12 0	27 8	5 5	18 13	2 6	17 37	4 47	22 33	2 14	11 3	1 13	4 5	2 41	19 10	0 1	10 18	1 56	26 42	17 44	3 1	2 30	28 28		n.a.
M28	11s39	28n52	5n14	17s36	2s 4	17s42	4n38	22n38	2n13	10s57	1s13	4s 4	2n42	19n11	0s 1	10s18	1n57	26n43	17n44	3s 2	2s32	28s27		n.a.

Julian Day Number = 1359491.5, Delta T = 07h00m13s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°45'21, Lahiri = -17°38'20 Julian Calendar 1 Feb. 991 BCE == Greg. Calendar 23 Jan. 991 BCE

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ASTRODIENST EPHEMERIS for the year 991 BCE
geocentric

MARCH 991 BCE (-990) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 55 51	0♓59'12	7♋36	19♒59	20♑41	0♊24	5♓15	16°R22	24♉32	1°R19	3°R35	22°R26	23♓41	9♑ 7	n.a.	T 1
W 2	9 59 48	1°58'00	22°18	21°52	21°14	0°50	5°29	16♎19	24°33	1♏19	3♍34	22♓24	23°37	9°13	n.a.	W 2
T 3	10 3 44	2°56'46	7♌ 5	23°47	21°49	1°17	5°44	16°17	24°34	1°18	3°32	22°21	23°34	9°20	n.a.	T 3
F 4	10 7 41	3°55'30	21°48	25°44	22°24	1°43	5°58	16°14	24°36	1°18	3°30	22°19	23°31	9°27	n.a.	F 4
S 5	10 11 37	4°54'11	6♍21	27°41	23° 1	2°10	6°12	16°12	24°37	1°17	3°29	22°17	23°28	9°34	n.a.	S 5
S 6	10 15 34	5°52'51	20°38	29°41	23°39	2°37	6°27	16° 9	24°38	1°16	3°27	22°D17	23°25	9°40	n.a.	S 6
M 7	10 19 30	6°51'28	4♎32	1♓41	24°18	3° 4	6°41	16° 6	24°39	1°15	3°25	22°17	23°21	9°47	n.a.	M 7
T 8	10 23 27	7°50'03	18° 4	3°43	24°59	3°31	6°56	16° 3	24°41	1°15	3°24	22°18	23°18	9°54	n.a.	T 8
W 9	10 27 24	8°48'37	1♏11	5°46	25°40	3°58	7°10	16° 0	24°42	1°14	3°22	22°19	23°15	10° 0	n.a.	W 9
T 10	10 31 20	9°47'08	13°56	7°50	26°22	4°26	7°24	15°57	24°43	1°13	3°20	22°20	23°12	10° 7	n.a.	T 10
F 11	10 35 17	10°45'38	26°22	9°55	27° 6	4°54	7°39	15°54	24°45	1°12	3°19	22°21	23° 9	10°14	n.a.	F 11
S 12	10 39 13	11°44'06	8♐33	12° 1	27°50	5°22	7°53	15°51	24°46	1°11	3°17	22°R21	23° 6	10°21	n.a.	S 12
S 13	10 43 10	12°42'33	20°33	14° 8	28°35	5°50	8° 7	15°47	24°48	1°10	3°15	22°21	23° 2	10°27	n.a.	S 13
M14	10 47 6	13°40'58	2♑27	16°15	29°22	6°18	8°22	15°44	24°50	1° 9	3°14	22°21	22°59	10°34	n.a.	M14
T 15	10 51 3	14°39'21	14°18	18°22	0♒ 9	6°47	8°36	15°40	24°51	1° 9	3°12	22°20	22°56	10°41	n.a.	T 15
W16	10 54 59	15°37'42	26°13	20°30	0°56	7°16	8°50	15°37	24°53	1° 8	3°10	22°19	22°53	10°47	n.a.	W16
T 17	10 58 56	16°36'02	8♒13	22°37	1°45	7°45	9° 5	15°33	24°55	1° 7	3° 9	22°18	22°50	10°54	n.a.	T 17
F 18	11 2 53	17°34'19	20°23	24°44	2°34	8°14	9°19	15°30	24°57	1° 5	3° 7	22°18	22°47	11° 1	n.a.	F 18
S 19	11 6 49	18°32'35	2♓44	26°50	3°24	8°43	9°33	15°26	24°58	1° 4	3° 5	22°17	22°43	11° 8	n.a.	S 19
S 20	11 10 46	19°30'49	15°18	28°55	4°15	9°12	9°48	15°22	25° 0	1° 3	3° 4	22°17	22°40	11°14	n.a.	S 20
M21	11 14 42	20°29'01	28° 6	0♈58	5° 6	9°41	10° 2	15°19	25° 2	1° 2	3° 2	22°D17	22°37	11°21	n.a.	M21
T 22	11 18 39	21°27'11	11♈ 9	3° 0	5°58	10°11	10°16	15°15	25° 4	1° 1	3° 1	22°17	22°34	11°28	n.a.	T 22
W23	11 22 35	22°25'20	24°26	4°59	6°50	10°41	10°30	15°11	25° 6	1° 0	2°59	22°R17	22°31	11°34	n.a.	W23
T 24	11 26 32	23°23'26	7♉56	6°57	7°43	11°11	10°45	15° 7	25° 8	0°59	2°58	22°17	22°27	11°41	n.a.	T 24
F 25	11 30 28	24°21'30	21°39	8°51	8°37	11°41	10°59	15° 3	25°11	0°58	2°56	22°17	22°24	11°48	n.a.	F 25
S 26	11 34 25	25°19'33	5♊33	10°43	9°31	12°11	11°13	14°59	25°13	0°56	2°54	22°17	22°21	11°55	n.a.	S 26
S 27	11 38 21	26°17'33	19°37	12°32	10°26	12°41	11°27	14°55	25°15	0°55	2°53	22°D17	22°18	12° 1	n.a.	S 27
M28	11 42 18	27°15'32	3♋48	14°17	11°21	13°12	11°41	14°51	25°17	0°54	2°51	22°17	22°15	12° 8	n.a.	M28
T 29	11 46 15	28°13'28	18° 5	15°59	12°17	13°42	11°55	14°47	25°19	0°53	2°50	22°17	22°12	12°15	n.a.	T 29
W30	11 50 11	29°11'22	2♌25	17°38	13°13	14°13	12° 9	14°43	25°22	0°51	2°48	22°17	22° 8	12°21	n.a.	W30
T 31	11 54 8	0♈ 9'14	16♌45	19♈13	14♒ 9	14♊44	12♓23	14♎38	25♉24	0♏50	2♍47	22♓18	22♓ 5	12♑28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11s18	28n39	5n 3	16s57	2s 1	17s46	4n28	22n43	2n13	10s52	1s13	4s 3	2n42	19n11	0s 1	10s18	1n57	26n44	17n44	3s 3	2s33	28s27			n.a.
W 2	10 56	26 25	4 33	16 17	1 57	17 51	4 19	22 48	2 12	10 47	1 13	4 2	2 42	19 11	0 1	10 18	1 57	26 44	17 44	3 4	2 34	28 26			n.a.
T 3	10 35	22 24	3 44	15 35	1 53	17 54	4 10	22 53	2 12	10 41	1 13	4 1	2 42	19 11	0 1	10 17	1 57	26 45	17 44	3 5	2 36	28 25			n.a.
F 4	10 13	16 59	2 40	14 50	1 48	17 58	4 1	22 58	2 11	10 36	1 13	3 59	2 42	19 12	0 1	10 17	1 57	26 46	17 44	3 6	2 37	28 25			n.a.
S 5	9 52	10 40	1 27	14 4	1 43	18 1	3 51	23 3	2 10	10 30	1 13	3 58	2 43	19 12	0 1	10 17	1 57	26 46	17 44	3 6	2 38	28 24			n.a.
S 6	9 30	3 55	0 9	13 17	1 37	18 4	3 42	23 8	2 10	10 25	1 13	3 57	2 43	19 12	0 1	10 17	1 57	26 47	17 44	3 7	2 39	28 23			n.a.
M 7	9 8	2s51	1s 7	12 27	1 31	18 6	3 33	23 13	2 9	10 20	1 13	3 56	2 43	19 13	0 1	10 16	1 57	26 48	17 44	3 6	2 41	28 22			n.a.
T 8	8 46	9 18	2 18	11 36	1 24	18 7	3 24	23 17	2 9	10 14	1 13	3 54	2 43	19 13	0 1	10 16	1 57	26 48	17 44	3 6	2 42	28 21			n.a.
W 9	8 24	15 10	3 19	10 44	1 17	18 8	3 16	23 22	2 8	10 9	1 13	3 53	2 43	19 13	0 1	10 16	1 57	26 49	17 44	3 6	2 43	28 21			n.a.
T 10	8 1	20 13	4 8	9 49	1 9	18 9	3 7	23 27	2 7	10 3	1 13	3 52	2 43	19 14	0 1	10 15	1 57	26 50	17 44	3 5	2 44	28 20			n.a.
F 11	7 39	24 15	4 45	8 54	1 0	18 9	2 58	23 32	2 7	9 58	1 13	3 50	2 43	19 14	0 1	10 15	1 57	26 50	17 44	3 5	2 46	28 19			n.a.
S 12	7 16	27 8	5 7	7 57	0 51	18 9	2 50	23 36	2 6	9 53	1 13	3 49	2 44	19 14	0 1	10 15	1 57	26 51	17 44	3 5	2 47	28 18			n.a.
S 13	6 54	28 44	5 16	6 59	0 42	18 8	2 41	23 41	2 6	9 47	1 13	3 48	2 44	19 15	0 1	10 14	1 57	26 51	17 44	3 5	2 48	28 17			n.a.
M14	6 31	28 59	5 11	6 0	0 32	18 7	2 33	23 45	2 5	9 42	1 13	3 46	2 44	19 15	0 1	10 14	1 57	26 52	17 44	3 5	2 50	28 17			n.a.
T 15	6 8	27 54	4 53	5 0	0 22	18 5	2 25	23 50	2 5	9 36	1 13	3 45	2 44	19 16	0 1	10 13	1 57	26 52	17 44	3 5	2 51	28 16			n.a.
W16	5 45	25 32	4 23	4 0	0 12	18 3	2 17	23 54	2 4	9 31	1 13	3 43	2 44	19 16	0 1	10 13	1 57	26 53	17 44	3 6	2 52	28 15			n.a.
T 17	5 22	22 2	3 40	2 59	0 1	18 0	2 9	23 58	2 3	9 25	1 13	3 42	2 44	19 17	0 1	10 13	1 57	26 54	17 44	3 6	2 53	28 14			n.a.
F 18	4 59	17 34	2 48	1 58	0n10	17 56	2 1	24 3	2 3	9 20	1 13	3 40	2 44	19 17	0 1	10 12	1 57	26 54	17 44	3 6	2 55	28 13			n.a.
S 19	4 36	12 19	1 46	0 57	0 21	17 52	1 53	24 7	2 2	9 14	1 13	3 39	2 45	19 18	0 1	10 12	1 57	26 55	17 43	3 6	2 56	28 12			n.a.
S 20	4 13	6 28	0 39	0n 3	0 32	17 48	1 45	24 11	2 2	9 9	1 14	3 37	2 45	19 18	0 1	10 11	1 58	26 55	17 43	3 6	2 57	28 12			n.a.
M21	3 50	0 16	0n32	1 3	0 43	17 43	1 38	24 15	2 1	9 4	1 14	3 36	2 45	19 19	0 1	10 11	1 58	26 56	17 43	3 6	2 58	28 11			n.a.
T 22	3 26	6n 3	1 43	2 2	0 54	17 37	1 30	24 19	2 1	8 58	1 14	3 34	2 45	19 19	0 1	10 11	1 58	26 56	17 43	3 6	3 0	28 10			n.a.
W23	3 3	12 14	2 49	3 0	1 5	17 31	1 23	24 23	2 0	8 53	1 14	3 32	2 45	19 20	0 1	10 10	1 58	26 56	17 43	3 6	3 1	28 9			n.a.
T 24	2 40	17 56	3 47	3 57	1 15	17 24	1 16	24 26	1 59	8 47	1 14	3 31	2 45	19 20	0 1	10 10	1 58	26 57	17 43	3 6	3 2	28 8			n.a.
F 25	2 16	22 51	4 33	4 52	1 26	17 17	1 9	24 30	1 59	8 42	1 14	3 29	2 45	19 21	0 1	10 9	1 58	26 57	17 42	3 7	3 4	28 7			n.a.
S 26	1 53	26 32	5 3	5 46	1 35	17 9	1 2	24 34	1 58	8 36	1 14	3 28	2 45	19 21	0 1	10 9	1 58	26 58	17 42	3 7	3 5	28 6			n.a.
S 27	1 30	28 39	5 16	6 38	1 45	17 1	0 55	24 37	1 58	8 31	1 14	3 26	2 45	19 22	0 1	10 8	1 58	26 58	17 42	3 7	3 6	28 5			n.a.
M28	1 6	28 56	5 10	7 27	1 53	16 52	0 48	24 41	1 57	8 26	1 14	3 24	2 45	19 22	0 1	10 8	1 58	26 58	17 42	3 7	3 7	28 4			n.a.
T 29	0 43	27 17	4 45	8 15	2 2	16 43	0 42	24 44	1 57	8 20	1 14	3 23	2 45	19 23	0 1	10 7	1 58	26 59	17 42	3 7	3 9	28 3			n.a.
W30	0 20	23 51	4 2	9 1	2 9	16 33	0 35	24 47	1 56	8 15	1 14	3 21	2 46	19 23	0 1	10 7	1 58	26 59	17 41	3 6	3 10	28 2			n.a.
T 31	0n 4	18n59	3n 4	9n44	2n16	16s23	0n29	24n50	1n55	8s 9	1s14	3s19	2n46	19n24	0s 1	10s 6	1n58	26n59	17n41	3s 6	3s11	28s 1			n.a.

Julian Day Number = 1359519.5, Delta T = 07h00m12s
Ecliptic obliquity = 23°48'58, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°45'17, Lahiri = -17°38'17 Julian Calendar 1 March 991 BCE == Greg. Calendar 20 Feb. 991 BCE

The year -990 astronomical counting style corresponds to year 991 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 991 BCE
geocentric

APRIL 991 BCE (-990) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 58 4	1♈ 7'05	1♍ 0	20♈44	15♒ 7	15♊15	12♓37	14°R34	25♉27	0°R49	2°R46	22♓19	22♓ 2	12♑35	n.a.	F 1
S 2	12 2 1	2° 4'53	15° 7	22°12	16° 4	15°46	12°51	14♎30	25°29	0♏47	2♍44	22°19	21°59	12°42	n.a.	S 2
S 3	12 5 57	3° 2'40	29° 2	23°35	17° 2	16°17	13° 5	14°26	25°31	0°46	2°43	22°R19	21°56	12°48	n.a.	S 3
M 4	12 9 54	4° 0'25	12♎41	24°55	18° 0	16°49	13°19	14°21	25°34	0°44	2°41	22°18	21°52	12°55	n.a.	M 4
T 5	12 13 50	4°58'09	26° 2	26°10	18°59	17°20	13°33	14°17	25°37	0°43	2°40	22°17	21°49	13° 2	n.a.	T 5
W 6	12 17 47	5°55'51	9♏ 5	27°22	19°58	17°52	13°47	14°13	25°39	0°42	2°39	22°16	21°46	13° 8	n.a.	W 6
T 7	12 21 44	6°53'32	21°49	28°29	20°57	18°23	14° 0	14° 8	25°42	0°40	2°37	22°14	21°43	13°15	n.a.	T 7
F 8	12 25 40	7°51'12	4♐16	29°32	21°57	18°55	14°14	14° 4	25°44	0°39	2°36	22°12	21°40	13°22	n.a.	F 8
S 9	12 29 37	8°48'50	16°28	0♑31	22°57	19°27	14°28	14° 0	25°47	0°37	2°35	22°10	21°37	13°29	n.a.	S 9
S 10	12 33 33	9°46'28	28°29	1°26	23°57	19°59	14°41	13°55	25°50	0°36	2°34	22° 9	21°33	13°35	n.a.	S 10
M11	12 37 30	10°44'04	10♑24	2°16	24°58	20°31	14°55	13°51	25°53	0°34	2°32	22°D 8	21°30	13°42	n.a.	M11
T 12	12 41 26	11°41'39	22°17	3° 2	25°59	21° 3	15° 9	13°46	25°55	0°33	2°31	22° 9	21°27	13°49	n.a.	T 12
W13	12 45 23	12°39'13	4♒12	3°43	27° 0	21°35	15°22	13°42	25°58	0°31	2°30	22°10	21°24	13°55	n.a.	W13
T 14	12 49 19	13°36'46	16°14	4°19	28° 2	22° 8	15°36	13°37	26° 1	0°30	2°29	22°11	21°21	14° 2	n.a.	T 14
F 15	12 53 16	14°34'17	28°28	4°51	29° 4	22°40	15°49	13°33	26° 4	0°28	2°28	22°13	21°18	14° 9	n.a.	F 15
S 16	12 57 13	15°31'48	10♓57	5°19	0♓ 6	23°13	16° 3	13°28	26° 7	0°27	2°26	22°14	21°14	14°16	n.a.	S 16
S 17	13 1 9	16°29'17	23°44	5°41	1° 8	23°46	16°16	13°24	26°10	0°25	2°25	22°R14	21°11	14°22	n.a.	S 17
M18	13 5 6	17°26'46	6♈49	5°59	2°11	24°18	16°29	13°20	26°13	0°24	2°24	22°14	21° 8	14°29	n.a.	M18
T 19	13 9 2	18°24'13	20°14	6°12	3°14	24°51	16°42	13°15	26°16	0°22	2°23	22°12	21° 5	14°36	n.a.	T 19
W20	13 12 59	19°21'39	3♉56	6°21	4°17	25°24	16°56	13°11	26°19	0°20	2°22	22° 8	21° 2	14°42	n.a.	W20
T 21	13 16 55	20°19'04	17°54	6°R24	5°20	25°57	17° 9	13° 6	26°22	0°19	2°21	22° 5	20°58	14°49	n.a.	T 21
F 22	13 20 52	21°16'28	2♊ 2	6°23	6°24	26°30	17°22	13° 2	26°25	0°17	2°20	22° 0	20°55	14°56	n.a.	F 22
S 23	13 24 48	22°13'51	16°18	6°18	7°28	27° 4	17°35	12°58	26°28	0°16	2°19	21°57	20°52	15° 3	n.a.	S 23
S 24	13 28 45	23°11'12	0♋36	6° 8	8°32	27°37	17°48	12°53	26°31	0°14	2°18	21°54	20°49	15° 9	n.a.	S 24
M25	13 32 42	24° 8'32	14°52	5°54	9°36	28°10	18° 1	12°49	26°34	0°13	2°18	21°52	20°46	15°16	n.a.	M25
T 26	13 36 38	25° 5'51	29° 5	5°36	10°40	28°44	18°14	12°45	26°38	0°11	2°17	21°D52	20°43	15°23	n.a.	T 26
W27	13 40 35	26° 3'08	13♌11	5°15	11°45	29°18	18°26	12°40	26°41	0° 9	2°16	21°53	20°39	15°29	n.a.	W27
T 28	13 44 31	27° 0'25	27°10	4°50	12°49	29°51	18°39	12°36	26°44	0° 8	2°15	21°54	20°36	15°36	n.a.	T 28
F 29	13 48 28	27°57'40	11♍ 0	4°23	13°54	0♋25	18°52	12°32	26°47	0° 6	2°14	21°55	20°33	15°43	n.a.	F 29
S 30	13 52 24	28♈54'53	24♍40	3♉53	14♓59	0♋59	19♓ 4	12♎28	26♉50	0♏ 4	2♍14	21°R56	20♓30	15♑50	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n27	13n 5	1n55	10n25	2n22	16s12	0n23	24n53	1n55	8s 4	1s14	3s17	2n46	19n25	0s 1	10s 6	1n58	27n 0	17n41	3s 6	3s12	28s 0		n.a.
S 2	0 50	6 34	0 40	11 3	2 28	16 0	0 17	24 56	1 54	7 59	1 14	3 16	2 46	19 25	0 1	10 5	1 58	27 0	17 41	3 6	3 14	27 59		n.a.
S 3	1 14	0s10	0s37	11 39	2 33	15 48	0 11	24 59	1 54	7 53	1 14	3 14	2 46	19 26	0 1	10 5	1 58	27 0	17 40	3 6	3 15	27 58		n.a.
M 4	1 37	6 46	1 50	12 13	2 36	15 36	0 5	25 2	1 53	7 48	1 14	3 12	2 46	19 26	0 1	10 4	1 58	27 1	17 40	3 6	3 16	27 57		n.a.
T 5	2 0	12 56	2 56	12 44	2 40	15 23	0s 1	25 4	1 53	7 43	1 14	3 11	2 46	19 27	0 1	10 4	1 58	27 1	17 40	3 6	3 18	27 56		n.a.
W 6	2 23	18 23	3 50	13 12	2 42	15 9	0 6	25 7	1 52	7 37	1 14	3 9	2 46	19 28	0 1	10 3	1 58	27 1	17 39	3 7	3 19	27 55		n.a.
T 7	2 47	22 53	4 32	13 38	2 43	14 55	0 12	25 9	1 52	7 32	1 15	3 7	2 46	19 28	0 1	10 3	1 58	27 1	17 39	3 8	3 20	27 54		n.a.
F 8	3 10	26 14	5 0	14 1	2 43	14 41	0 17	25 11	1 51	7 27	1 15	3 5	2 46	19 29	0 1	10 2	1 58	27 2	17 39	3 9	3 21	27 53		n.a.
S 9	3 33	28 19	5 14	14 22	2 43	14 26	0 22	25 13	1 51	7 21	1 15	3 4	2 46	19 30	0 1	10 2	1 58	27 2	17 38	3 9	3 23	27 52		n.a.
S 10	3 56	29 2	5 13	14 40	2 41	14 10	0 27	25 15	1 50	7 16	1 15	3 2	2 46	19 30	0 1	10 1	1 58	27 2	17 38	3 10	3 24	27 51		n.a.
M11	4 19	28 23	5 0	14 56	2 39	13 54	0 32	25 17	1 49	7 11	1 15	3 0	2 46	19 31	0 1	10 1	1 58	27 2	17 38	3 10	3 25	27 50		n.a.
T 12	4 42	26 25	4 33	15 9	2 36	13 38	0 37	25 19	1 49	7 5	1 15	2 58	2 46	19 32	0 1	10 0	1 58	27 2	17 37	3 10	3 26	27 49		n.a.
W13	5 4	23 18	3 54	15 19	2 31	13 21	0 42	25 21	1 48	7 0	1 15	2 57	2 46	19 32	0 1	10 0	1 58	27 2	17 37	3 9	3 28	27 48		n.a.
T 14	5 27	19 9	3 5	15 27	2 26	13 4	0 46	25 22	1 48	6 55	1 15	2 55	2 46	19 33	0 1	9 59	1 58	27 3	17 37	3 9	3 29	27 47		n.a.
F 15	5 50	14 10	2 7	15 32	2 19	12 46	0 51	25 24	1 47	6 50	1 15	2 53	2 46	19 34	0 1	9 58	1 58	27 3	17 36	3 8	3 30	27 46		n.a.
S 16	6 12	8 31	1 2	15 34	2 12	12 28	0 55	25 25	1 47	6 45	1 15	2 52	2 46	19 34	0 1	9 58	1 58	27 3	17 36	3 8	3 32	27 45		n.a.
S 17	6 35	2 24	0n 8	15 34	2 4	12 9	0 59	25 26	1 46	6 39	1 15	2 50	2 46	19 35	0 1	9 57	1 58	27 3	17 36	3 8	3 33	27 44		n.a.
M18	6 57	3n57	1 19	15 31	1 54	11 50	1 3	25 27	1 46	6 34	1 15	2 48	2 46	19 36	0 1	9 57	1 58	27 3	17 35	3 8	3 34	27 43		n.a.
T 19	7 19	10 18	2 28	15 26	1 44	11 31	1 7	25 28	1 45	6 29	1 16	2 46	2 46	19 37	0 1	9 56	1 58	27 3	17 35	3 9	3 35	27 42		n.a.
W20	7 42	16 18	3 29	15 18	1 32	11 11	1 11	25 29	1 45	6 24	1 16	2 45	2 46	19 37	0 1	9 56	1 58	27 3	17 34	3 10	3 37	27 40		n.a.
T 21	8 4	21 34	4 19	15 7	1 20	10 51	1 15	25 29	1 44	6 19	1 16	2 43	2 46	19 38	0 1	9 55	1 58	27 3	17 34	3 11	3 38	27 39		n.a.
F 22	8 25	25 41	4 54	14 55	1 7	10 31	1 18	25 30	1 43	6 14	1 16	2 41	2 45	19 39	0 1	9 54	1 58	27 3	17 34	3 13	3 39	27 38		n.a.
S 23	8 47	28 15	5 11	14 40	0 53	10 10	1 22	25 30	1 43	6 9	1 16	2 40	2 45	19 39	0 1	9 54	1 58	27 3	17 33	3 15	3 40	27 37		n.a.
S 24	9 9	28 57	5 9	14 22	0 38	9 49	1 25	25 30	1 42	6 4	1 16	2 38	2 45	19 40	0 1	9 53	1 58	27 3	17 33	3 16	3 42	27 36		n.a.
M25	9 30	27 44	4 47	14 3	0 23	9 27	1 28	25 30	1 42	5 59	1 16	2 37	2 45	19 41	0 1	9 53	1 58	27 3	17 32	3 16	3 43	27 35		n.a.
T 26	9 52	24 43	4 9	13 42	0 7	9 5	1 31	25 30	1 41	5 54	1 16	2 35	2 45	19 42	0 1	9 52	1 58	27 3	17 32	3 17	3 44	27 34		n.a.
W27	10 13	20 14	3 15	13 20	0s10	8 43	1 34	25 30	1 41	5 49	1 16	2 33	2 45	19 43	0 1	9 52	1 58	27 3	17 31	3 16	3 46	27 32		n.a.
T 28	10 34	14 41	2 11	12 55	0 26	8 20	1 37	25 29	1 40	5 44	1 17	2 32	2 45	19 43	0 1	9 51	1 58	27 2	17 31	3 16	3 47	27 31		n.a.
F 29	10 55	8 28	0 59	12 30	0 43	7 57	1 40	25 29	1 40	5 39	1 17	2 30	2 45	19 44	0 1	9 50	1 58	27 2	17 30	3 15	3 48	27 30		n.a.
S 30	11n16	1n55	0s15	12n 4	1s 1	7s34	1s42	25n28	1n39	5s34	1s17	2s29	2n45	19n45	0s 1	9s50	1n58	27n 2	17n30	3s15	3s49	27s29		n.a.

Julian Day Number = 1359550.5, Delta T = 07h00m10s
Ecliptic obliquity = 23°48'58, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°45'13, Lahiri = -17°38'12 Julian Calendar 1 Apr. 991 BCE == Greg. Calendar 23 March 991 BCE

The year -990 astronomical counting style corresponds to year 991 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 991 BCE
geocentric

MAY 991 BCE (-990) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 56 21	29♈52'06	8♎ 9	3°R22	16♓ 5	1♋33	19♓17	12°R24	26♉54	0°R 3	2°R13	21°R54	20♓27	15♉56	n.a.	S 1
M 2	14 0 17	0♉49'18	21°26	2♉49	17°10	2° 7	19°29	12♎20	26°57	0♏ 1	2♍12	21♓52	20°24	16° 3	n.a.	M 2
T 3	14 4 14	1°46'30	4♏30	2°15	18°16	2°41	19°42	12°16	27° 0	29♎59	2°12	21°47	20°20	16°10	n.a.	T 3
W 4	14 8 11	2°43'40	17°20	1°42	19°21	3°15	19°54	12°12	27° 4	29°58	2°11	21°41	20°17	16°16	n.a.	W 4
T 5	14 12 7	3°40'50	29°55	1° 9	20°27	3°49	20° 6	12° 8	27° 7	29°56	2°10	21°33	20°14	16°23	n.a.	T 5
F 6	14 16 4	4°38'00	12♐17	0°36	21°33	4°23	20°18	12° 4	27°11	29°55	2°10	21°26	20°11	16°30	n.a.	F 6
S 7	14 20 0	5°35'09	24°27	0° 6	22°40	4°58	20°30	12° 0	27°14	29°53	2° 9	21°19	20° 8	16°37	n.a.	S 7
S 8	14 23 57	6°32'18	6♑27	29♈37	23°46	5°32	20°42	11°56	27°17	29°52	2° 9	21°14	20° 4	16°43	n.a.	S 8
M 9	14 27 53	7°29'26	18°21	29°11	24°53	6° 7	20°54	11°52	27°21	29°50	2° 8	21°10	20° 1	16°50	n.a.	M 9
T 10	14 31 50	8°26'34	0♒13	28°48	25°59	6°41	21° 6	11°48	27°24	29°48	2° 8	21° 8	19°58	16°57	n.a.	T 10
W11	14 35 47	9°23'42	12° 7	28°28	27° 6	7°16	21°18	11°45	27°28	29°47	2° 7	21°D 7	19°55	17° 3	n.a.	W11
T 12	14 39 43	10°20'50	24° 9	28°12	28°13	7°51	21°30	11°41	27°31	29°45	2° 7	21° 8	19°52	17°10	n.a.	T 12
F 13	14 43 40	11°17'57	6♓23	28° 0	29°20	8°26	21°41	11°37	27°35	29°44	2° 7	21° 9	19°49	17°17	n.a.	F 13
S 14	14 47 36	12°15'04	18°55	27°53	0♈27	9° 1	21°53	11°34	27°38	29°42	2° 6	21°R10	19°45	17°24	n.a.	S 14
S 15	14 51 33	13°12'11	1♈48	27°D49	1°35	9°36	22° 4	11°31	27°42	29°40	2° 6	21° 9	19°42	17°30	n.a.	S 15
M16	14 55 29	14° 9'18	15° 5	27°50	2°42	10°11	22°16	11°27	27°45	29°39	2° 6	21° 7	19°39	17°37	n.a.	M16
T 17	14 59 26	15° 6'25	28°46	27°56	3°50	10°46	22°27	11°24	27°49	29°37	2° 6	21° 2	19°36	17°44	n.a.	T 17
W18	15 3 22	16° 3'32	12♉50	28° 7	4°57	11°21	22°38	11°21	27°52	29°36	2° 6	20°56	19°33	17°50	n.a.	W18
T 19	15 7 19	17° 0'39	27°13	28°22	6° 5	11°56	22°49	11°17	27°56	29°34	2° 5	20°48	19°29	17°57	n.a.	T 19
F 20	15 11 16	17°57'45	11♊49	28°42	7°13	12°32	23° 0	11°14	27°59	29°33	2° 5	20°39	19°26	18° 4	n.a.	F 20
S 21	15 15 12	18°54'51	26°30	29° 7	8°21	13° 7	23°11	11°11	28° 3	29°31	2° 5	20°31	19°23	18°10	n.a.	S 21
S 22	15 19 9	19°51'57	11♋ 9	29°36	9°29	13°42	23°22	11° 8	28° 7	29°30	2° 5	20°24	19°20	18°17	n.a.	S 22
M23	15 23 5	20°49'03	25°41	0♌10	10°37	14°18	23°33	11° 5	28°10	29°28	2°D 5	20°19	19°17	18°24	n.a.	M23
T 24	15 27 2	21°46'08	9♌59	0°49	11°46	14°54	23°43	11° 2	28°14	29°27	2° 5	20°17	19°14	18°31	n.a.	T 24
W25	15 30 58	22°43'13	24° 3	1°32	12°54	15°29	23°54	11° 0	28°17	29°25	2° 5	20°D16	19°10	18°37	n.a.	W25
T 26	15 34 55	23°40'17	7♍52	2°20	14° 3	16° 5	24° 4	10°57	28°21	29°24	2° 5	20°17	19° 7	18°44	n.a.	T 26
F 27	15 38 51	24°37'22	21°25	3°12	15°11	16°41	24°14	10°54	28°25	29°22	2° 6	20°R17	19° 4	18°51	n.a.	F 27
S 28	15 42 48	25°34'26	4♎45	4° 9	16°20	17°17	24°25	10°52	28°28	29°21	2° 6	20°16	19° 1	18°57	n.a.	S 28
S 29	15 46 45	26°31'29	17°52	5° 9	17°29	17°53	24°35	10°49	28°32	29°20	2° 6	20°13	18°58	19° 4	n.a.	S 29
M30	15 50 41	27°28'33	0♏48	6°14	18°38	18°29	24°45	10°47	28°35	29°18	2° 6	20° 8	18°55	19°11	n.a.	M30
T 31	15 54 38	28♉25'37	13♏32	7♉24	19♈47	19♋ 5	24♓54	10♎45	28♉39	29♎17	2♍ 6	20♓ 0	18♓51	19♑18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	11n36	4s37	1s27	11n37	1s17	7s11	1s45	25n27	1n39	5s29	1s17	2s27	2n45	19n46	0s 1	9s49	1n58	27n 2	17n29	3s16	3s51	27s28			n.a.
M 2	11 56	10 51	2 33	11 10	1 34	6 47	1 47	25 26	1 38	5 24	1 17	2 26	2 45	19 46	0 1	9 49	1 58	27 2	17 29	3 17	3 52	27 26			n.a.
T 3	12 17	16 31	3 30	10 43	1 50	6 23	1 49	25 25	1 38	5 19	1 17	2 24	2 44	19 47	0 1	9 48	1 58	27 2	17 29	3 19	3 53	27 25			n.a.
W 4	12 37	21 21	4 15	10 17	2 6	5 59	1 52	25 23	1 37	5 15	1 17	2 23	2 44	19 48	0 1	9 48	1 58	27 1	17 28	3 21	3 54	27 24			n.a.
T 5	12 56	25 7	4 47	9 51	2 21	5 34	1 54	25 22	1 36	5 10	1 18	2 21	2 44	19 49	0 1	9 47	1 58	27 1	17 28	3 24	3 56	27 23			n.a.
F 6	13 16	27 39	5 4	9 26	2 36	5 10	1 55	25 20	1 36	5 5	1 18	2 20	2 44	19 50	0 1	9 46	1 58	27 1	17 27	3 27	3 57	27 21			n.a.
S 7	13 35	28 49	5 8	9 3	2 49	4 45	1 57	25 19	1 35	5 0	1 18	2 18	2 44	19 50	0 1	9 46	1 58	27 1	17 27	3 30	3 58	27 20			n.a.
S 8	13 55	28 37	4 58	8 41	3 1	4 20	1 59	25 17	1 35	4 56	1 18	2 17	2 44	19 51	0 1	9 45	1 58	27 0	17 26	3 32	3 59	27 19			n.a.
M 9	14 14	27 4	4 35	8 22	3 12	3 54	2 0	25 15	1 34	4 51	1 18	2 16	2 44	19 52	0 1	9 45	1 58	27 0	17 26	3 33	4 1	27 18			n.a.
T 10	14 32	24 19	4 0	8 4	3 22	3 29	2 2	25 12	1 34	4 46	1 18	2 14	2 43	19 53	0 1	9 44	1 58	27 0	17 25	3 34	4 2	27 16			n.a.
W11	14 51	20 32	3 15	7 49	3 31	3 3	2 3	25 10	1 33	4 42	1 18	2 13	2 43	19 54	0 1	9 44	1 58	26 59	17 24	3 34	4 3	27 15			n.a.
T 12	15 9	15 53	2 20	7 36	3 39	2 37	2 4	25 7	1 33	4 37	1 19	2 12	2 43	19 54	0 1	9 43	1 58	26 59	17 24	3 34	4 5	27 14			n.a.
F 13	15 27	10 31	1 19	7 26	3 45	2 11	2 5	25 5	1 32	4 33	1 19	2 10	2 43	19 55	0 1	9 43	1 58	26 59	17 23	3 34	4 6	27 12			n.a.
S 14	15 45	4 38	0 12	7 19	3 50	1 45	2 6	25 2	1 32	4 28	1 19	2 9	2 43	19 56	0 1	9 42	1 58	26 58	17 23	3 33	4 7	27 11			n.a.
S 15	16 3	1n36	0n57	7 14	3 53	1 18	2 7	24 59	1 31	4 24	1 19	2 8	2 43	19 57	0 0	9 42	1 58	26 58	17 22	3 34	4 8	27 10			n.a.
M16	16 20	7 57	2 5	7 12	3 56	0 52	2 8	24 55	1 31	4 20	1 19	2 7	2 42	19 58	0 0	9 41	1 58	26 58	17 22	3 34	4 10	27 8			n.a.
T 17	16 37	14 7	3 7	7 13	3 57	0 25	2 9	24 52	1 30	4 15	1 19	2 6	2 42	19 59	0 0	9 40	1 58	26 57	17 21	3 36	4 11	27 7			n.a.
W18	16 54	19 45	4 0	7 17	3 57	0n 1	2 9	24 48	1 29	4 11	1 20	2 5	2 42	19 59	0 0	9 40	1 58	26 57	17 21	3 39	4 12	27 6			n.a.
T 19	17 11	24 22	4 39	7 23	3 56	0 28	2 10	24 45	1 29	4 7	1 20	2 3	2 42	20 0	0 0	9 39	1 58	26 56	17 20	3 42	4 13	27 4			n.a.
F 20	17 27	27 32	5 1	7 32	3 54	0 55	2 10	24 41	1 28	4 2	1 20	2 2	2 42	20 1	0 0	9 39	1 58	26 56	17 20	3 46	4 15	27 3			n.a.
S 21	17 43	28 49	5 3	7 44	3 51	1 22	2 11	24 37	1 28	3 58	1 20	2 1	2 41	20 2	0 0	9 38	1 58	26 55	17 19	3 49	4 16	27 2			n.a.
S 22	17 59	28 4	4 45	7 58	3 47	1 49	2 11	24 33	1 27	3 54	1 20	2 0	2 41	20 3	0 0	9 38	1 58	26 55	17 19	3 52	4 17	27 0			n.a.
M23	18 14	25 25	4 9	8 15	3 42	2 16	2 11	24 28	1 27	3 50	1 20	1 59	2 41	20 3	0 0	9 37	1 58	26 54	17 18	3 54	4 18	26 59			n.a.
T 24	18 30	21 11	3 18	8 34	3 36	2 43	2 11	24 24	1 26	3 46	1 21	1 58	2 41	20 4	0 0	9 37	1 58	26 54	17 18	3 54	4 20	26 58			n.a.
W25	18 44	15 50	2 15	8 55	3 30	3 10	2 11	24 19	1 26	3 42	1 21	1 58	2 41	20 5	0 0	9 36	1 58	26 53	17 17	3 55	4 21	26 56			n.a.
T 26	18 59	9 46	1 6	9 18	3 23	3 37	2 10	24 14	1 25	3 38	1 21	1 57	2 40	20 6	0 0	9 36	1 58	26 53	17 16	3 55	4 22	26 55			n.a.
F 27	19 13	3 22	0s 6	9 44	3 14	4 5	2 10	24 9	1 25	3 34	1 21	1 56	2 40	20 7	0 0	9 35	1 58	26 52	17 16	3 54	4 24	26 53			n.a.
S 28	19 27	3s 5	1 16	10 11	3 6	4 32	2 10	24 4	1 24	3 30	1 21	1 55	2 40	20 8	0 0	9 35	1 58	26 52	17 15	3 55	4 25	26 52			n.a.
S 29	19 41	9 17	2 21	10 41	2 56	4 59	2 9	23 59	1 24	3 26	1 22	1 54	2 40	20 8	0 0	9 34	1 58	26 51	17 15	3 56	4 26	26 51			n.a.
M30	19 54	15 0	3 18	11 12	2 47	5 26	2 9	23 53	1 23	3 22	1 22	1 54	2 40	20 9	0 0	9 34	1 58	26 51	17 14	3 58	4 27	26 49			n.a.
T 31	20n 7	20s 0	4s 3	11n44	2s36	5n53	2s 8	23n48	1n22	3s18	1s22	1s53	2n39	20n10	0s 0	9s34	1n58	26n50	17n14	4s 1	4s29	26s48			n.a.

Julian Day Number = 1359580.5, Delta T = 07h00m09s
Ecliptic obliquity = 23°48'58, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°45'09, Lahiri = -17°38'08 Julian Calendar 1 May 991 BCE == Greg. Calendar 22 Apr. 991 BCE

The year -990 astronomical counting style corresponds to year 991 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 991 BCE
geocentric

JUNE 991 BCE (-990) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 58 34	29♉22'42	26♏ 6	8♉37	20♈56	19♋41	25♓ 4	10°R43	28♉43	29°R16	2♍ 7	19°R49	18♓48	19♑24	n.a.	W 1
T 2	16 2 31	0♊19'46	8♐29	9°55	22° 5	20°17	25°14	10♎40	28°46	29♎14	2° 7	19♓37	18°45	19°31	n.a.	T 2
F 3	16 6 27	1°16'51	20°41	11°16	23°14	20°53	25°23	10°38	28°50	29°13	2° 7	19°25	18°42	19°38	n.a.	F 3
S 4	16 10 24	2°13'56	2♑45	12°42	24°23	21°29	25°33	10°36	28°54	29°12	2° 8	19°13	18°39	19°44	n.a.	S 4
S 5	16 14 21	3°11'02	14°42	14°11	25°33	22° 6	25°42	10°35	28°57	29°10	2° 8	19° 3	18°35	19°51	n.a.	S 5
M 6	16 18 17	4° 8'09	26°33	15°45	26°42	22°42	25°51	10°33	29° 1	29° 9	2° 9	18°55	18°32	19°58	n.a.	M 6
T 7	16 22 14	5° 5'16	8♒23	17°22	27°52	23°19	26° 0	10°31	29° 4	29° 8	2° 9	18°50	18°29	20° 4	n.a.	T 7
W 8	16 26 10	6° 2'23	20°16	19° 2	29° 2	23°55	26° 9	10°30	29° 8	29° 7	2°10	18°47	18°26	20°11	n.a.	W 8
T 9	16 30 7	6°59'32	2♓16	20°46	0♉12	24°32	26°18	10°28	29°12	29° 5	2°10	18°46	18°23	20°18	n.a.	T 9
F 10	16 34 3	7°56'41	14°28	22°34	1°21	25° 9	26°26	10°27	29°15	29° 4	2°11	18°46	18°20	20°25	n.a.	F 10
S 11	16 38 0	8°53'51	26°58	24°24	2°31	25°45	26°35	10°25	29°19	29° 3	2°11	18°46	18°16	20°31	n.a.	S 11
S 12	16 41 56	9°51'02	9♈51	26°17	3°41	26°22	26°43	10°24	29°22	29° 2	2°12	18°45	18°13	20°38	n.a.	S 12
M13	16 45 53	10°48'13	23°11	28°13	4°52	26°59	26°52	10°23	29°26	29° 1	2°13	18°41	18°10	20°45	n.a.	M13
T 14	16 49 50	11°45'26	6♉59	0♊12	6° 2	27°36	27° 0	10°22	29°29	29° 0	2°14	18°35	18° 7	20°51	n.a.	T 14
W15	16 53 46	12°42'40	21°14	2°12	7°12	28°13	27° 8	10°21	29°33	28°59	2°14	18°27	18° 4	20°58	n.a.	W15
T 16	16 57 43	13°39'54	5♊53	4°15	8°23	28°50	27°15	10°20	29°36	28°58	2°15	18°17	18° 1	21° 5	n.a.	T 16
F 17	17 1 39	14°37'10	20°50	6°18	9°33	29°27	27°23	10°19	29°40	28°57	2°16	18° 6	17°57	21°11	n.a.	F 17
S 18	17 5 36	15°34'26	5♋53	8°23	10°43	0♌ 4	27°31	10°19	29°44	28°56	2°17	17°55	17°54	21°18	n.a.	S 18
S 19	17 9 32	16°31'43	20°55	10°29	11°54	0°42	27°38	10°18	29°47	28°55	2°18	17°46	17°51	21°25	n.a.	S 19
M20	17 13 29	17°29'00	5♌45	12°35	13° 5	1°19	27°45	10°18	29°51	28°54	2°19	17°40	17°48	21°32	n.a.	M20
T 21	17 17 26	18°26'18	20°17	14°42	14°15	1°56	27°53	10°17	29°54	28°53	2°20	17°36	17°45	21°38	n.a.	T 21
W22	17 21 22	19°23'37	4♍28	16°48	15°26	2°34	27°59	10°17	29°58	28°52	2°21	17°34	17°41	21°45	n.a.	W22
T 23	17 25 19	20°20'56	18°17	18°55	16°37	3°11	28° 6	10°17	0♊ 1	28°51	2°22	17°34	17°38	21°52	n.a.	T 23
F 24	17 29 15	21°18'16	1♎45	21° 0	17°48	3°49	28°13	10°17	0° 4	28°50	2°23	17°34	17°35	21°58	n.a.	F 24
S 25	17 33 12	22°15'37	14°54	23° 5	18°59	4°26	28°19	10°D17	0° 8	28°49	2°24	17°33	17°32	22° 5	n.a.	S 25
S 26	17 37 8	23°12'58	27°47	25° 9	20°10	5° 4	28°26	10°17	0°11	28°49	2°25	17°29	17°29	22°12	n.a.	S 26
M27	17 41 5	24°10'20	10♏27	27°12	21°21	5°42	28°32	10°17	0°15	28°48	2°26	17°23	17°26	22°18	n.a.	M27
T 28	17 45 1	25° 7'44	22°55	29°14	22°32	6°19	28°38	10°17	0°18	28°47	2°27	17°14	17°22	22°25	n.a.	T 28
W29	17 48 58	26° 5'08	5♐14	1♋15	23°44	6°57	28°44	10°18	0°21	28°46	2°28	17° 3	17°19	22°32	n.a.	W29
T 30	17 52 55	27♊ 2'34	17♐25	3♋14	24♉55	7♌35	28♓50	10♎18	0♊25	28♎46	2♍30	16♓50	17♓16	22♑39	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n20	24s 3	4s36	12n18	2s25	6n20	2s 7	23n42	1n22	3s15	1s22	1s52	2n39	20n11	0s 0	9s33	1n58	26n49	17n13	4s 6	4s30	26s46		n.a.
T 2	20 32	26 55	4 56	12 54	2 14	6 47	2 6	23 36	1 21	3 11	1 22	1 52	2 39	20 12	0 0	9 33	1 58	26 49	17 13	4 10	4 31	26 45		n.a.
F 3	20 44	28 29	5 1	13 30	2 3	7 14	2 5	23 30	1 21	3 7	1 23	1 51	2 39	20 12	0 0	9 32	1 58	26 48	17 12	4 15	4 32	26 43		n.a.
S 4	20 56	28 40	4 53	14 8	1 51	7 40	2 4	23 23	1 20	3 4	1 23	1 50	2 38	20 13	0 0	9 32	1 58	26 47	17 12	4 20	4 34	26 42		n.a.
S 5	21 7	27 30	4 32	14 47	1 39	8 7	2 3	23 17	1 20	3 0	1 23	1 50	2 38	20 14	0 0	9 31	1 58	26 47	17 11	4 24	4 35	26 40		n.a.
M 6	21 18	25 5	3 59	15 26	1 26	8 34	2 2	23 10	1 19	2 57	1 23	1 49	2 38	20 15	0 0	9 31	1 57	26 46	17 10	4 27	4 36	26 39		n.a.
T 7	21 29	21 37	3 17	16 6	1 14	9 0	2 1	23 3	1 19	2 53	1 23	1 49	2 38	20 16	0 0	9 31	1 57	26 45	17 10	4 29	4 37	26 37		n.a.
W 8	21 39	17 15	2 25	16 46	1 1	9 26	2 0	22 57	1 18	2 50	1 24	1 49	2 37	20 17	0 0	9 30	1 57	26 45	17 9	4 30	4 39	26 36		n.a.
T 9	21 49	12 10	1 26	17 26	0 49	9 52	1 58	22 49	1 18	2 46	1 24	1 48	2 37	20 17	0 0	9 30	1 57	26 44	17 9	4 31	4 40	26 34		n.a.
F 10	21 59	6 33	0 23	18 7	0 37	10 18	1 57	22 42	1 17	2 43	1 24	1 48	2 37	20 18	0 0	9 29	1 57	26 43	17 8	4 31	4 41	26 33		n.a.
S 11	22 8	0 34	0n43	18 46	0 24	10 44	1 55	22 35	1 16	2 40	1 24	1 48	2 37	20 19	0 0	9 29	1 57	26 43	17 8	4 31	4 42	26 31		n.a.
S 12	22 17	5n38	1 49	19 26	0 12	11 10	1 54	22 27	1 16	2 37	1 24	1 47	2 36	20 20	0 0	9 29	1 57	26 42	17 7	4 31	4 44	26 30		n.a.
M13	22 25	11 47	2 51	20 4	0 1	11 35	1 52	22 19	1 15	2 34	1 25	1 47	2 36	20 20	0 0	9 28	1 57	26 41	17 7	4 33	4 45	26 28		n.a.
T 14	22 33	17 36	3 45	20 41	0n11	12 1	1 50	22 11	1 15	2 31	1 25	1 47	2 36	20 21	0 0	9 28	1 57	26 40	17 6	4 35	4 46	26 27		n.a.
W15	22 41	22 39	4 27	21 17	0 22	12 26	1 48	22 3	1 14	2 28	1 25	1 47	2 36	20 22	0 0	9 28	1 57	26 39	17 6	4 38	4 47	26 25		n.a.
T 16	22 48	26 26	4 53	21 51	0 32	12 50	1 47	21 55	1 14	2 25	1 25	1 47	2 35	20 23	0 0	9 27	1 57	26 39	17 5	4 42	4 49	26 24		n.a.
F 17	22 55	28 29	5 0	22 24	0 42	13 15	1 45	21 47	1 13	2 22	1 26	1 47	2 35	20 24	0 0	9 27	1 57	26 38	17 4	4 47	4 50	26 22		n.a.
S 18	23 1	28 26	4 46	22 54	0 52	13 39	1 43	21 38	1 13	2 19	1 26	1 47	2 35	20 24	0 0	9 27	1 57	26 37	17 4	4 51	4 51	26 21		n.a.
S 19	23 7	26 19	4 12	23 22	1 0	14 3	1 41	21 29	1 12	2 16	1 26	1 47	2 35	20 25	0 0	9 26	1 57	26 36	17 3	4 54	4 53	26 19		n.a.
M20	23 13	22 23	3 22	23 47	1 8	14 27	1 39	21 21	1 12	2 13	1 26	1 47	2 34	20 26	0 0	9 26	1 57	26 35	17 3	4 57	4 54	26 17		n.a.
T 21	23 18	17 8	2 19	24 10	1 16	14 50	1 36	21 11	1 11	2 11	1 27	1 47	2 34	20 27	0 0	9 26	1 57	26 35	17 2	4 58	4 55	26 16		n.a.
W22	23 23	11 5	1 9	24 31	1 22	15 13	1 34	21 2	1 10	2 8	1 27	1 47	2 34	20 27	0 0	9 26	1 57	26 34	17 2	4 59	4 56	26 14		n.a.
T 23	23 27	4 39	0s 4	24 48	1 28	15 36	1 32	20 53	1 10	2 6	1 27	1 47	2 33	20 28	0 0	9 25	1 57	26 33	17 1	4 59	4 58	26 13		n.a.
F 24	23 32	1s50	1 14	25 3	1 33	15 58	1 30	20 43	1 9	2 3	1 27	1 47	2 33	20 29	0 0	9 25	1 57	26 32	17 1	4 59	4 59	26 11		n.a.
S 25	23 35	8 5	2 19	25 15	1 38	16 20	1 27	20 34	1 9	2 1	1 28	1 48	2 33	20 30	0 0	9 25	1 56	26 31	17 0	5 0	5 0	26 9		n.a.
S 26	23 38	13 53	3 15	25 25	1 41	16 42	1 25	20 24	1 8	1 58	1 28	1 48	2 33	20 30	0 0	9 25	1 56	26 30	17 0	5 1	5 1	26 8		n.a.
M27	23 41	18 59	4 1	25 31	1 44	17 3	1 23	20 14	1 8	1 56	1 28	1 48	2 32	20 31	0 0	9 24	1 56	26 29	16 59	5 4	5 3	26 6		n.a.
T 28	23 43	23 12	4 34	25 35	1 47	17 24	1 20	20 4	1 7	1 54	1 28	1 49	2 32	20 32	0 0	9 24	1 56	26 28	16 59	5 7	5 4	26 4		n.a.
W29	23 45	26 19	4 54	25 37	1 48	17 45	1 18	19 54	1 7	1 52	1 29	1 49	2 32	20 33	0 0	9 24	1 56	26 28	16 58	5 12	5 5	26 3		n.a.
T 30	23n47	28s11	5s 0	25n36	1n49	18n 5	1s15	19n43	1n 6	1s50	1s29	1s49	2n32	20n33	0s 0	9s24	1n56	26n27	16n58	5s17	5s 6	26s 1		n.a.

Julian Day Number = 1359611.5, Delta T = 07h00m07s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°45'05, Lahiri = -17°38'04 Julian Calendar 1 June 991 BCE == Greg. Calendar 23 May 991 BCE

The year -990 astronomical counting style corresponds to year 991 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 991 BCE
geocentric

JULY 991 BCE (-990) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 56 51	28♊ 0'00	29♐28	5♋12	26♉ 6	8♌13	28♓55	10♎19	0♊28	28°R45	2♍31	16°R36	17♓13	22♑45	n.a.	F 1
S 2	18 0 48	28°57'28	11♑25	7° 9	27°18	8°51	29° 1	10°19	0°31	28♎45	2°32	16♓24	17°10	22°52	n.a.	S 2
S 3	18 4 44	29°54'57	23°18	9° 4	28°30	9°29	29° 6	10°20	0°35	28°44	2°33	16°13	17° 7	22°59	n.a.	S 3
M 4	18 8 41	0♋52'28	5♒ 7	10°57	29°41	10° 7	29°11	10°21	0°38	28°43	2°35	16° 4	17° 3	23° 5	n.a.	M 4
T 5	18 12 37	1°50'00	16°57	12°49	0♊53	10°46	29°16	10°22	0°41	28°43	2°36	15°58	17° 0	23°12	n.a.	T 5
W 6	18 16 34	2°47'33	28°49	14°40	2° 5	11°24	29°20	10°23	0°44	28°42	2°37	15°54	16°57	23°19	n.a.	W 6
T 7	18 20 31	3°45'08	10♓49	16°29	3°16	12° 2	29°25	10°24	0°47	28°42	2°39	15°D53	16°54	23°25	n.a.	T 7
F 8	18 24 27	4°42'44	23° 0	18°17	4°28	12°40	29°29	10°25	0°51	28°41	2°40	15°53	16°51	23°32	n.a.	F 8
S 9	18 28 24	5°40'23	5♈28	20° 3	5°40	13°19	29°33	10°27	0°54	28°41	2°42	15°R53	16°47	23°39	n.a.	S 9
S 10	18 32 20	6°38'03	18°18	21°47	6°52	13°57	29°37	10°28	0°57	28°41	2°43	15°53	16°44	23°46	n.a.	S 10
M11	18 36 17	7°35'44	1♉33	23°31	8° 5	14°36	29°41	10°30	1° 0	28°40	2°45	15°51	16°41	23°52	n.a.	M11
T 12	18 40 13	8°33'28	15°18	25°12	9°17	15°15	29°45	10°31	1° 3	28°40	2°46	15°46	16°38	23°59	n.a.	T 12
W13	18 44 10	9°31'13	29°32	26°53	10°29	15°53	29°48	10°33	1° 6	28°40	2°48	15°39	16°35	24° 6	n.a.	W13
T 14	18 48 6	10°29'01	14♊14	28°32	11°41	16°32	29°52	10°35	1° 9	28°40	2°50	15°31	16°32	24°12	n.a.	T 14
F 15	18 52 3	11°26'50	29°17	0♌ 9	12°54	17°11	29°55	10°37	1°12	28°39	2°51	15°21	16°28	24°19	n.a.	F 15
S 16	18 56 0	12°24'40	14♋31	1°45	14° 6	17°50	29°58	10°39	1°15	28°39	2°53	15°12	16°25	24°26	n.a.	S 16
S 17	18 59 56	13°22'33	29°46	3°20	15°19	18°29	0♈ 0	10°41	1°18	28°39	2°55	15° 4	16°22	24°32	n.a.	S 17
M18	19 3 53	14°20'26	14♌52	4°53	16°31	19° 8	0° 3	10°43	1°21	28°39	2°56	14°59	16°19	24°39	n.a.	M18
T 19	19 7 49	15°18'22	29°39	6°25	17°44	19°47	0° 5	10°45	1°24	28°39	2°58	14°56	16°16	24°46	n.a.	T 19
W20	19 11 46	16°16'18	14♍ 3	7°56	18°56	20°26	0° 7	10°48	1°26	28°39	3° 0	14°D55	16°13	24°53	n.a.	W20
T 21	19 15 42	17°14'16	28° 0	9°25	20° 9	21° 5	0° 9	10°50	1°29	28°D39	3° 2	14°55	16° 9	24°59	n.a.	T 21
F 22	19 19 39	18°12'16	11♎32	10°52	21°22	21°44	0°11	10°53	1°32	28°39	3° 3	14°56	16° 6	25° 6	n.a.	F 22
S 23	19 23 35	19°10'17	24°41	12°19	22°35	22°23	0°12	10°55	1°35	28°39	3° 5	14°R56	16° 3	25°13	n.a.	S 23
S 24	19 27 32	20° 8'19	7♏29	13°43	23°48	23° 3	0°14	10°58	1°37	28°39	3° 7	14°54	16° 0	25°19	n.a.	S 24
M25	19 31 29	21° 6'23	20° 1	15° 7	25° 1	23°42	0°15	11° 1	1°40	28°39	3° 9	14°51	15°57	25°26	n.a.	M25
T 26	19 35 25	22° 4'29	2♐19	16°28	26°14	24°21	0°16	11° 4	1°43	28°39	3°11	14°45	15°53	25°33	n.a.	T 26
W27	19 39 22	23° 2'36	14°28	17°49	27°27	25° 1	0°17	11° 7	1°45	28°39	3°13	14°37	15°50	25°39	n.a.	W27
T 28	19 43 18	24° 0'45	26°29	19° 7	28°40	25°41	0°17	11°10	1°48	28°39	3°15	14°28	15°47	25°46	n.a.	T 28
F 29	19 47 15	24°58'56	8♑25	20°24	29°53	26°20	0°18	11°13	1°50	28°40	3°17	14°18	15°44	25°53	n.a.	F 29
S 30	19 51 11	25°57'08	20°17	21°39	1♋ 6	27° 0	0°R18	11°16	1°53	28°40	3°19	14° 9	15°41	25°59	n.a.	S 30
S 31	19 55 8	26♋55'23	2♒ 8	22♌53	2♋19	27♌40	0♈18	11♎19	1♊55	28♎40	3♍21	14♓ 1	15♓38	26♑ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	28s42	4s53	25n32	1n49	18n25	1s12	19n33	1n 5	1s48	1s29	1s50	2n31	20n34	0s 0	9s24	1n56	26n26	16n57	5s22	5s 8	25s59		n.a.
S 2	23 49	27 50	4 32	25 26	1 49	18 44	1 10	19 22	1 5	1 46	1 29	1 50	2 31	20 35	0 0	9 23	1 56	26 25	16 57	5 27	5 9	25 58		n.a.
S 3	23 49	25 43	4 0	25 18	1 48	19 3	1 7	19 11	1 4	1 44	1 30	1 51	2 31	20 35	0 0	9 23	1 56	26 24	16 56	5 31	5 10	25 56		n.a.
M 4	23 49	22 29	3 18	25 8	1 47	19 21	1 5	19 0	1 4	1 42	1 30	1 52	2 30	20 36	0 0	9 23	1 56	26 23	16 56	5 35	5 11	25 54		n.a.
T 5	23 48	18 20	2 27	24 56	1 45	19 39	1 2	18 49	1 3	1 40	1 30	1 52	2 30	20 37	0 0	9 23	1 56	26 22	16 55	5 37	5 13	25 53		n.a.
W 6	23 47	13 28	1 29	24 41	1 42	19 56	0 59	18 38	1 3	1 39	1 30	1 53	2 30	20 38	0 0	9 23	1 56	26 21	16 55	5 39	5 14	25 51		n.a.
T 7	23 46	8 2	0 27	24 26	1 39	20 13	0 56	18 27	1 2	1 37	1 31	1 54	2 30	20 38	0n 0	9 23	1 56	26 20	16 55	5 39	5 15	25 49		n.a.
F 8	23 44	2 15	0n38	24 8	1 36	20 29	0 54	18 15	1 1	1 36	1 31	1 54	2 29	20 39	0 0	9 23	1 56	26 19	16 54	5 39	5 16	25 48		n.a.
S 9	23 42	3n46	1 42	23 49	1 32	20 45	0 51	18 3	1 1	1 34	1 31	1 55	2 29	20 40	0 0	9 23	1 56	26 18	16 54	5 39	5 18	25 46		n.a.
S 10	23 39	9 47	2 43	23 28	1 28	21 1	0 48	17 52	1 0	1 33	1 32	1 56	2 29	20 40	0 0	9 23	1 56	26 17	16 53	5 39	5 19	25 44		n.a.
M11	23 36	15 36	3 38	23 6	1 23	21 15	0 45	17 40	1 0	1 32	1 32	1 57	2 29	20 41	0 0	9 23	1 56	26 16	16 53	5 40	5 20	25 42		n.a.
T 12	23 32	20 51	4 22	22 43	1 18	21 29	0 42	17 27	0 59	1 30	1 32	1 58	2 28	20 42	0 0	9 22	1 55	26 15	16 52	5 42	5 21	25 41		n.a.
W13	23 28	25 6	4 52	22 18	1 13	21 43	0 40	17 15	0 59	1 29	1 32	1 59	2 28	20 42	0 0	9 22	1 55	26 14	16 52	5 45	5 23	25 39		n.a.
T 14	23 24	27 53	5 3	21 52	1 7	21 56	0 37	17 3	0 58	1 28	1 33	2 0	2 28	20 43	0 0	9 22	1 55	26 13	16 51	5 48	5 24	25 37		n.a.
F 15	23 19	28 43	4 54	21 26	1 1	22 8	0 34	16 50	0 57	1 27	1 33	2 1	2 27	20 43	0 0	9 22	1 55	26 12	16 51	5 52	5 25	25 35		n.a.
S 16	23 14	27 24	4 25	20 58	0 55	22 20	0 31	16 38	0 57	1 26	1 33	2 2	2 27	20 44	0 0	9 22	1 55	26 11	16 51	5 55	5 26	25 34		n.a.
S 17	23 8	24 2	3 36	20 30	0 48	22 31	0 28	16 25	0 56	1 25	1 34	2 3	2 27	20 45	0 0	9 22	1 55	26 10	16 50	5 58	5 28	25 32		n.a.
M18	23 2	19 4	2 33	20 0	0 41	22 42	0 25	16 12	0 56	1 25	1 34	2 4	2 27	20 45	0 0	9 22	1 55	26 9	16 50	6 0	5 29	25 30		n.a.
T 19	22 55	13 2	1 21	19 31	0 34	22 52	0 23	15 59	0 55	1 24	1 34	2 5	2 26	20 46	0 0	9 22	1 55	26 8	16 49	6 2	5 30	25 28		n.a.
W20	22 48	6 27	0 5	19 0	0 27	23 1	0 20	15 46	0 55	1 23	1 34	2 6	2 26	20 46	0 0	9 23	1 55	26 7	16 49	6 2	5 31	25 27		n.a.
T 21	22 41	0s15	1s10	18 29	0 19	23 10	0 17	15 33	0 54	1 23	1 35	2 7	2 26	20 47	0 0	9 23	1 55	26 6	16 49	6 2	5 33	25 25		n.a.
F 22	22 33	6 44	2 18	17 57	0 11	23 18	0 14	15 19	0 53	1 22	1 35	2 9	2 26	20 48	0 0	9 23	1 55	26 5	16 48	6 2	5 34	25 23		n.a.
S 23	22 25	12 44	3 16	17 25	0 3	23 25	0 11	15 6	0 53	1 22	1 35	2 10	2 25	20 48	0 0	9 23	1 55	26 4	16 48	6 2	5 35	25 21		n.a.
S 24	22 17	18 3	4 4	16 53	0s 5	23 32	0 8	14 52	0 52	1 22	1 35	2 11	2 25	20 49	0 0	9 23	1 55	26 3	16 48	6 2	5 36	25 19		n.a.
M25	22 8	22 28	4 38	16 21	0 13	23 38	0 6	14 38	0 52	1 22	1 36	2 13	2 25	20 49	0 0	9 23	1 55	26 2	16 47	6 4	5 38	25 17		n.a.
T 26	21 58	25 50	4 59	15 48	0 22	23 43	0 3	14 25	0 51	1 21	1 36	2 14	2 25	20 50	0 0	9 23	1 54	26 1	16 47	6 6	5 39	25 16		n.a.
W27	21 49	27 58	5 6	15 15	0 31	23 47	0n 0	14 11	0 50	1 21	1 36	2 15	2 24	20 50	0 0	9 23	1 54	26 0	16 47	6 9	5 40	25 14		n.a.
T 28	21 39	28 45	4 59	14 42	0 39	23 51	0 3	13 56	0 50	1 21	1 37	2 17	2 24	20 51	0 0	9 23	1 54	25 59	16 46	6 13	5 41	25 12		n.a.
F 29	21 28	28 12	4 40	14 9	0 48	23 54	0 6	13 42	0 49	1 22	1 37	2 18	2 24	20 51	0 0	9 23	1 54	25 58	16 46	6 16	5 43	25 10		n.a.
S 30	21 17	26 20	4 8	13 37	0 57	23 57	0 8	13 28	0 49	1 22	1 37	2 20	2 24	20 52	0 0	9 24	1 54	25 57	16 46	6 20	5 44	25 8		n.a.
S 31	21n 6	23s20	3s26	13n 4	1s 6	23n59	0n11	13n14	0n48	1s22	1s37	2s21	2n23	20n52	0n 0	9s24	1n54	25n56	16n45	6s23	5s45	25s 6		n.a.

Julian Day Number = 1359641.5, Delta T = 07h00m05s
Ecliptic obliquity = 23°48'56, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°45'00, Lahiri = -17°38'00 Julian Calendar 1 July 991 BCE == Greg. Calendar 22 June 991 BCE

The year -990 astronomical counting style corresponds to year 991 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 991 BCE
geocentric

AUGUST 991 BCE (-990) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 59 4	27♋53'39	13♒58	24♌ 4	3♋33	28♌19	0°R17	11♎23	1♊57	28♎41	3♍23	13°R55	15♓34	26♉13	n.a.	M 1
T 2	20 3 1	28°51'58	25°51	25°14	4°46	28°59	0♈17	11°26	2° 0	28°41	3°25	13♓51	15°31	26°20	n.a.	T 2
W 3	20 6 58	29°50'18	7♓47	26°22	6° 0	29°39	0°16	11°30	2° 2	28°41	3°27	13°49	15°28	26°26	n.a.	W 3
T 4	20 10 54	0♌48'40	19°51	27°27	7°13	0♍19	0°16	11°33	2° 4	28°42	3°29	13°D49	15°25	26°33	n.a.	T 4
F 5	20 14 51	1°47'05	2♈ 6	28°31	8°27	0°59	0°15	11°37	2° 7	28°42	3°31	13°51	15°22	26°40	n.a.	F 5
S 6	20 18 47	2°45'32	14°36	29°31	9°40	1°39	0°13	11°41	2° 9	28°43	3°33	13°52	15°19	26°46	n.a.	S 6
S 7	20 22 44	3°44'01	27°24	0♍30	10°54	2°19	0°12	11°45	2°11	28°43	3°35	13°53	15°15	26°53	n.a.	S 7
M 8	20 26 40	4°42'33	10♉36	1°25	12° 8	3° 0	0°10	11°49	2°13	28°44	3°37	13°R53	15°12	27° 0	n.a.	M 8
T 9	20 30 37	5°41'07	24°13	2°18	13°22	3°40	0° 8	11°53	2°15	28°45	3°39	13°52	15° 9	27° 6	n.a.	T 9
W10	20 34 33	6°39'43	8♊17	3° 8	14°35	4°20	0° 6	11°57	2°17	28°45	3°41	13°49	15° 6	27°13	n.a.	W10
T 11	20 38 30	7°38'22	22°48	3°54	15°49	5° 1	0° 4	12° 1	2°19	28°46	3°44	13°44	15° 3	27°20	n.a.	T 11
F 12	20 42 26	8°37'03	7♋41	4°36	17° 3	5°41	0° 2	12° 5	2°21	28°47	3°46	13°39	14°59	27°26	n.a.	F 12
S 13	20 46 23	9°35'47	22°49	5°15	18°17	6°22	29♓59	12°10	2°23	28°47	3°48	13°34	14°56	27°33	n.a.	S 13
S 14	20 50 20	10°34'32	8♌ 3	5°50	19°31	7° 2	29°56	12°14	2°25	28°48	3°50	13°30	14°53	27°40	n.a.	S 14
M15	20 54 16	11°33'20	23°12	6°20	20°45	7°43	29°53	12°19	2°27	28°49	3°52	13°27	14°50	27°47	n.a.	M15
T 16	20 58 13	12°32'09	8♍ 8	6°45	22° 0	8°23	29°50	12°23	2°28	28°50	3°55	13°D26	14°47	27°53	n.a.	T 16
W17	21 2 9	13°31'01	22°41	7° 5	23°14	9° 4	29°47	12°28	2°30	28°50	3°57	13°26	14°44	28° 0	n.a.	W17
T 18	21 6 6	14°29'54	6♎49	7°19	24°28	9°45	29°43	12°33	2°32	28°51	3°59	13°27	14°40	28° 7	n.a.	T 18
F 19	21 10 2	15°28'50	20°30	7°27	25°42	10°26	29°39	12°37	2°33	28°52	4° 2	13°29	14°37	28°13	n.a.	F 19
S 20	21 13 59	16°27'47	3♏44	7°R29	26°57	11° 7	29°35	12°42	2°35	28°53	4° 4	13°30	14°34	28°20	n.a.	S 20
S 21	21 17 55	17°26'46	16°35	7°24	28°11	11°48	29°31	12°47	2°36	28°54	4° 6	13°R31	14°31	28°27	n.a.	S 21
M22	21 21 52	18°25'47	29° 7	7°12	29°25	12°29	29°27	12°52	2°38	28°55	4° 8	13°30	14°28	28°33	n.a.	M22
T 23	21 25 49	19°24'50	11♐22	6°53	0♌40	13°10	29°22	12°57	2°39	28°56	4°11	13°28	14°25	28°40	n.a.	T 23
W24	21 29 45	20°23'55	23°26	6°26	1°54	13°51	29°17	13° 2	2°41	28°57	4°13	13°26	14°21	28°47	n.a.	W24
T 25	21 33 42	21°23'02	5♑22	5°51	3° 9	14°32	29°13	13° 7	2°42	28°58	4°15	13°22	14°18	28°53	n.a.	T 25
F 26	21 37 38	22°22'11	17°14	5° 9	4°23	15°14	29° 8	13°13	2°43	29° 0	4°18	13°19	14°15	29° 0	n.a.	F 26
S 27	21 41 35	23°21'22	29° 4	4°20	5°38	15°55	29° 2	13°18	2°44	29° 1	4°20	13°15	14°12	29° 7	n.a.	S 27
S 28	21 45 31	24°20'35	10♒56	3°24	6°53	16°36	28°57	13°23	2°45	29° 2	4°22	13°13	14° 9	29°13	n.a.	S 28
M29	21 49 28	25°19'50	22°50	2°22	8° 7	17°18	28°51	13°29	2°47	29° 3	4°25	13°11	14° 5	29°20	n.a.	M29
T 30	21 53 24	26°19'08	4♓50	1°16	9°22	17°59	28°46	13°34	2°48	29° 4	4°27	13°10	14° 2	29°27	n.a.	T 30
W31	21 57 21	27♌18'27	16♓57	0♍ 7	10♌37	18♍41	28♓40	13♎39	2♊49	29♎ 6	4♍29	13°D 9	13♓59	29♉33	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	20n55	19s21	2s34	12n31	1s15	24n 0	0n14	12n59	0n47	1s22	1s38	2s23	2n23	20n53	0n 0	9s24	1n54	25n55	16n45	6s25	5s46	25s 4			n.a.
T 2	20 43	14 36	1 36	11 59	1 24	24 0	0 16	12 44	0 47	1 23	1 38	2 24	2 23	20 53	0 0	9 24	1 54	25 53	16 45	6 27	5 48	25 3			n.a.
W 3	20 30	9 17	0 33	11 28	1 34	24 0	0 19	12 30	0 46	1 23	1 38	2 26	2 23	20 54	0 0	9 24	1 54	25 52	16 44	6 28	5 49	25 1			n.a.
T 4	20 18	3 35	0n33	10 57	1 43	23 58	0 22	12 15	0 46	1 24	1 38	2 28	2 22	20 54	0 0	9 25	1 54	25 51	16 44	6 28	5 50	24 59			n.a.
F 5	20 4	2n20	1 38	10 26	1 52	23 57	0 24	12 0	0 45	1 24	1 39	2 29	2 22	20 55	0 0	9 25	1 54	25 50	16 44	6 27	5 51	24 57			n.a.
S 6	19 51	8 17	2 39	9 56	2 1	23 54	0 27	11 45	0 44	1 25	1 39	2 31	2 22	20 55	0 0	9 25	1 54	25 49	16 44	6 27	5 53	24 55			n.a.
S 7	19 37	14 2	3 35	9 27	2 10	23 51	0 29	11 29	0 44	1 26	1 39	2 33	2 22	20 56	0 0	9 25	1 54	25 48	16 43	6 26	5 54	24 53			n.a.
M 8	19 23	19 21	4 20	8 59	2 19	23 47	0 32	11 14	0 43	1 27	1 40	2 35	2 21	20 56	0 0	9 26	1 54	25 47	16 43	6 26	5 55	24 51			n.a.
T 9	19 9	23 51	4 53	8 31	2 28	23 42	0 34	10 59	0 43	1 28	1 40	2 36	2 21	20 57	0 0	9 26	1 54	25 46	16 43	6 27	5 56	24 49			n.a.
W10	18 54	27 8	5 10	8 5	2 37	23 36	0 36	10 43	0 42	1 29	1 40	2 38	2 21	20 57	0 0	9 26	1 53	25 45	16 43	6 28	5 58	24 47			n.a.
T 11	18 39	28 44	5 7	7 41	2 45	23 30	0 39	10 28	0 41	1 30	1 40	2 40	2 21	20 57	0 0	9 26	1 53	25 44	16 42	6 30	5 59	24 45			n.a.
F 12	18 23	28 19	4 44	7 17	2 53	23 23	0 41	10 12	0 41	1 31	1 41	2 42	2 21	20 58	0 0	9 27	1 53	25 43	16 42	6 32	6 0	24 43			n.a.
S 13	18 8	25 49	4 2	6 55	3 1	23 16	0 43	9 56	0 40	1 33	1 41	2 44	2 20	20 58	0 0	9 27	1 53	25 42	16 42	6 34	6 1	24 41			n.a.
S 14	17 52	21 27	3 1	6 36	3 9	23 7	0 45	9 41	0 40	1 34	1 41	2 46	2 20	20 59	0 0	9 27	1 53	25 41	16 42	6 35	6 3	24 39			n.a.
M15	17 35	15 42	1 48	6 18	3 16	22 58	0 48	9 25	0 39	1 35	1 41	2 48	2 20	20 59	0 0	9 28	1 53	25 40	16 42	6 36	6 4	24 37			n.a.
T 16	17 19	9 6	0 29	6 2	3 23	22 48	0 50	9 9	0 38	1 37	1 42	2 50	2 20	20 59	0 0	9 28	1 53	25 39	16 41	6 37	6 5	24 36			n.a.
W17	17 2	2 10	0s51	5 49	3 29	22 38	0 52	8 53	0 38	1 39	1 42	2 52	2 19	21 0	0 0	9 28	1 53	25 38	16 41	6 37	6 6	24 34			n.a.
T 18	16 44	4s39	2 5	5 38	3 35	22 27	0 54	8 36	0 37	1 40	1 42	2 54	2 19	21 0	0 0	9 29	1 53	25 37	16 41	6 36	6 8	24 32			n.a.
F 19	16 27	11 3	3 9	5 31	3 40	22 15	0 56	8 20	0 37	1 42	1 42	2 56	2 19	21 0	0 0	9 29	1 53	25 36	16 41	6 36	6 9	24 30			n.a.
S 20	16 9	16 44	4 2	5 27	3 44	22 3	0 58	8 4	0 36	1 44	1 42	2 58	2 19	21 1	0 0	9 30	1 53	25 35	16 41	6 35	6 10	24 28			n.a.
S 21	15 51	21 31	4 40	5 26	3 47	21 49	1 0	7 47	0 35	1 46	1 43	3 0	2 19	21 1	0 0	9 30	1 53	25 34	16 41	6 35	6 11	24 26			n.a.
M22	15 32	25 13	5 4	5 28	3 48	21 36	1 1	7 31	0 35	1 48	1 43	3 2	2 18	21 1	0 0	9 30	1 53	25 33	16 41	6 35	6 13	24 24			n.a.
T 23	15 14	27 41	5 14	5 35	3 49	21 21	1 3	7 14	0 34	1 50	1 43	3 5	2 18	21 2	0 0	9 31	1 53	25 32	16 40	6 36	6 14	24 22			n.a.
W24	14 55	28 48	5 9	5 46	3 48	21 6	1 5	6 58	0 33	1 52	1 43	3 7	2 18	21 2	0 0	9 31	1 53	25 31	16 40	6 37	6 15	24 19			n.a.
T 25	14 36	28 34	4 52	6 1	3 45	20 50	1 7	6 41	0 33	1 54	1 44	3 9	2 18	21 2	0 0	9 32	1 52	25 30	16 40	6 38	6 16	24 17			n.a.
F 26	14 16	27 0	4 21	6 21	3 41	20 34	1 8	6 24	0 32	1 56	1 44	3 11	2 18	21 2	0 1	9 32	1 52	25 29	16 40	6 39	6 18	24 15			n.a.
S 27	13 57	24 15	3 40	6 45	3 35	20 17	1 10	6 7	0 32	1 58	1 44	3 13	2 17	21 3	0 1	9 33	1 52	25 28	16 40	6 41	6 19	24 13			n.a.
S 28	13 37	20 28	2 49	7 13	3 27	19 59	1 11	5 50	0 31	2 1	1 44	3 16	2 17	21 3	0 1	9 33	1 52	25 27	16 40	6 42	6 20	24 11			n.a.
M29	13 17	15 51	1 50	7 44	3 17	19 41	1 13	5 33	0 30	2 3	1 44	3 18	2 17	21 3	0 1	9 34	1 52	25 26	16 40	6 43	6 21	24 9			n.a.
T 30	12 56	10 36	0 46	8 19	3 5	19 23	1 14	5 16	0 30	2 5	1 44	3 20	2 17	21 3	0 1	9 34	1 52	25 25	16 40	6 43	6 23	24 7			n.a.
W31	12n36	4s55	0n21	8n57	2s51	19n 3	1n15	4n59	0n29	2s 8	1s45	3s23	2n17	21n 4	0n 1	9s35	1n52	25n24	16n40	6s43	6s24	24s 5			n.a.

Julian Day Number = 1359672.5, Delta T = 07h00m04s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°44'56, Lahiri = -17°37'56 Julian Calendar 1 Aug. 991 BCE == Greg. Calendar 23 July 991 BCE

The year -990 astronomical counting style corresponds to year 991 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 991 BCE
geocentric

SEPTEMBER 991 BCE (-990) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 1 17	28♌17'48	29♓12	28°R56	11♌52	19♍23	28°R34	13♎45	2♊50	29♎ 7	4♍32	13♓10	13♓56	29♉40	n.a.	T 1
F 2	22 5 14	29°17'12	11♈38	27♌46	13° 6	20° 4	28♓28	13°51	2°51	29° 8	4°34	13°11	13°53	29°47	n.a.	F 2
S 3	22 9 11	0♍16'39	24°18	26°38	14°21	20°46	28°22	13°56	2°51	29°10	4°37	13°12	13°50	29°54	n.a.	S 3
S 4	22 13 7	1°16'07	7♉13	25°34	15°36	21°28	28°15	14° 2	2°52	29°11	4°39	13°13	13°46	0♒ 0	n.a.	S 4
M 5	22 17 4	2°15'39	20°26	24°37	16°51	22°10	28° 9	14° 8	2°53	29°12	4°41	13°14	13°43	0° 7	n.a.	M 5
T 6	22 21 0	3°15'12	3♊59	23°47	18° 6	22°52	28° 2	14°14	2°54	29°14	4°44	13°R14	13°40	0°14	n.a.	T 6
W 7	22 24 57	4°14'49	17°53	23° 7	19°21	23°34	27°55	14°20	2°54	29°15	4°46	13°14	13°37	0°20	n.a.	W 7
T 8	22 28 53	5°14'27	2♋ 8	22°37	20°36	24°16	27°48	14°25	2°55	29°17	4°48	13°13	13°34	0°27	n.a.	T 8
F 9	22 32 50	6°14'09	16°41	22°17	21°51	24°58	27°41	14°31	2°55	29°18	4°51	13°13	13°31	0°34	n.a.	F 9
S 10	22 36 46	7°13'52	1♌29	22°D 9	23° 6	25°40	27°34	14°37	2°56	29°20	4°53	13°12	13°27	0°40	n.a.	S 10
S 11	22 40 43	8°13'38	16°25	22°11	24°21	26°22	27°27	14°44	2°56	29°21	4°56	13°11	13°24	0°47	n.a.	S 11
M12	22 44 40	9°13'26	1♍21	22°25	25°37	27° 5	27°19	14°50	2°57	29°23	4°58	13°11	13°21	0°54	n.a.	M12
T 13	22 48 36	10°13'16	16° 9	22°49	26°52	27°47	27°12	14°56	2°57	29°25	5° 0	13°D11	13°18	1° 0	n.a.	T 13
W14	22 52 33	11°13'08	0♎42	23°22	28° 7	28°29	27° 4	15° 2	2°57	29°26	5° 3	13°11	13°15	1° 7	n.a.	W14
T 15	22 56 29	12°13'02	14°54	24° 5	29°22	29°12	26°57	15° 8	2°57	29°28	5° 5	13°11	13°11	1°14	n.a.	T 15
F 16	23 0 26	13°12'58	28°41	24°55	0♍37	29°54	26°49	15°15	2°58	29°30	5° 7	13°R11	13° 8	1°20	n.a.	F 16
S 17	23 4 22	14°12'56	12♏ 2	25°53	1°53	0♎37	26°41	15°21	2°58	29°31	5°10	13°11	13° 5	1°27	n.a.	S 17
S 18	23 8 19	15°12'56	24°59	26°58	3° 8	1°20	26°33	15°27	2°R58	29°33	5°12	13°11	13° 2	1°34	n.a.	S 18
M19	23 12 15	16°12'58	7♐34	28° 8	4°23	2° 2	26°26	15°34	2°58	29°35	5°14	13°11	12°59	1°40	n.a.	M19
T 20	23 16 12	17°13'01	19°52	29°24	5°39	2°45	26°18	15°40	2°58	29°36	5°17	13°D11	12°56	1°47	n.a.	T 20
W21	23 20 8	18°13'06	1♑55	0♍43	6°54	3°28	26°10	15°47	2°58	29°38	5°19	13°11	12°52	1°54	n.a.	W21
T 22	23 24 5	19°13'13	13°50	2° 6	8° 9	4°11	26° 2	15°53	2°57	29°40	5°21	13°11	12°49	2° 0	n.a.	T 22
F 23	23 28 2	20°13'22	25°40	3°32	9°25	4°54	25°53	16° 0	2°57	29°42	5°24	13°12	12°46	2° 7	n.a.	F 23
S 24	23 31 58	21°13'32	7♒30	5° 1	10°40	5°37	25°45	16° 6	2°57	29°44	5°26	13°13	12°43	2°14	n.a.	S 24
S 25	23 35 55	22°13'44	19°24	6°32	11°56	6°20	25°37	16°13	2°56	29°46	5°28	13°14	12°40	2°21	n.a.	S 25
M26	23 39 51	23°13'58	1♓24	8° 4	13°11	7° 3	25°29	16°20	2°56	29°48	5°31	13°14	12°36	2°27	n.a.	M26
T 27	23 43 48	24°14'14	13°34	9°38	14°27	7°46	25°21	16°26	2°56	29°49	5°33	13°R15	12°33	2°34	n.a.	T 27
W28	23 47 44	25°14'31	25°54	11°13	15°42	8°29	25°13	16°33	2°55	29°51	5°35	13°14	12°30	2°41	n.a.	W28
T 29	23 51 41	26°14'50	8♈27	12°49	16°57	9°13	25° 5	16°40	2°55	29°53	5°38	13°13	12°27	2°47	n.a.	T 29
F 30	23 55 37	27♍15'12	21♈13	14♍26	18♍13	9♎56	24♓56	16♎46	2♊54	29♎55	5♍40	13♓12	12♓24	2♒54	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n15	1n 1	1n28	9n37	2s35	18n43	1n16	4n42	0n28	2s11	1s45	3s25	2n17	21n 4	0n 1	9s35	1n52	25n23	16n40	6s43	6s25	24s 3		n.a.
F 2	11 54	6 59	2 31	10 18	2 17	18 23	1 18	4 25	0 28	2 13	1 45	3 27	2 16	21 4	0 1	9 36	1 52	25 22	16 40	6 43	6 26	24 1		n.a.
S 3	11 33	12 47	3 29	10 59	1 59	18 2	1 19	4 8	0 27	2 16	1 45	3 30	2 16	21 4	0 1	9 36	1 52	25 21	16 40	6 42	6 27	23 59		n.a.
S 4	11 12	18 10	4 17	11 39	1 39	17 41	1 20	3 50	0 27	2 19	1 45	3 32	2 16	21 4	0 1	9 37	1 52	25 20	16 40	6 42	6 29	23 57		n.a.
M 5	10 50	22 49	4 52	12 17	1 19	17 19	1 21	3 33	0 26	2 21	1 45	3 35	2 16	21 4	0 1	9 37	1 52	25 19	16 40	6 41	6 30	23 55		n.a.
T 6	10 28	26 24	5 13	12 53	0 59	16 56	1 22	3 16	0 25	2 24	1 45	3 37	2 16	21 5	0 1	9 38	1 52	25 18	16 40	6 41	6 31	23 53		n.a.
W 7	10 6	28 30	5 16	13 25	0 39	16 33	1 22	2 58	0 25	2 27	1 46	3 39	2 16	21 5	0 1	9 39	1 52	25 17	16 40	6 41	6 32	23 50		n.a.
T 8	9 44	28 48	5 0	13 54	0 19	16 10	1 23	2 41	0 24	2 30	1 46	3 42	2 15	21 5	0 1	9 39	1 52	25 16	16 40	6 42	6 34	23 48		n.a.
F 9	9 22	27 8	4 25	14 18	0 0	15 46	1 24	2 23	0 23	2 33	1 46	3 44	2 15	21 5	0 1	9 40	1 52	25 16	16 40	6 42	6 35	23 46		n.a.
S 10	8 59	23 34	3 31	14 37	0n17	15 22	1 25	2 6	0 23	2 36	1 46	3 47	2 15	21 5	0 1	9 40	1 52	25 15	16 40	6 42	6 36	23 44		n.a.
S 11	8 37	18 26	2 23	14 52	0 34	14 57	1 25	1 48	0 22	2 39	1 46	3 49	2 15	21 5	0 1	9 41	1 52	25 14	16 40	6 42	6 37	23 42		n.a.
M12	8 14	12 11	1 5	15 2	0 49	14 31	1 26	1 30	0 21	2 42	1 46	3 52	2 15	21 5	0 1	9 42	1 51	25 13	16 40	6 43	6 39	23 40		n.a.
T 13	7 51	5 17	0s17	15 7	1 2	14 6	1 26	1 13	0 21	2 45	1 46	3 54	2 15	21 5	0 1	9 42	1 51	25 12	16 40	6 43	6 40	23 38		n.a.
W14	7 28	1s45	1 36	15 7	1 15	13 40	1 26	0 55	0 20	2 48	1 46	3 57	2 14	21 5	0 1	9 43	1 51	25 11	16 40	6 43	6 41	23 36		n.a.
T 15	7 5	8 31	2 47	15 2	1 25	13 13	1 27	0 37	0 20	2 51	1 46	4 0	2 14	21 5	0 1	9 43	1 51	25 10	16 40	6 42	6 42	23 33		n.a.
F 16	6 42	14 42	3 47	14 54	1 34	12 47	1 27	0 20	0 19	2 54	1 46	4 2	2 14	21 5	0 1	9 44	1 51	25 10	16 40	6 42	6 44	23 31		n.a.
S 17	6 18	19 59	4 32	14 41	1 42	12 20	1 27	0 2	0 18	2 58	1 46	4 5	2 14	21 5	0 1	9 45	1 51	25 9	16 40	6 42	6 45	23 29		n.a.
S 18	5 55	24 11	5 2	14 25	1 49	11 52	1 27	0s16	0 18	3 1	1 46	4 7	2 14	21 6	0 1	9 45	1 51	25 8	16 40	6 43	6 46	23 27		n.a.
M19	5 31	27 6	5 16	14 5	1 54	11 24	1 27	0 34	0 17	3 4	1 46	4 10	2 14	21 6	0 1	9 46	1 51	25 7	16 40	6 43	6 47	23 25		n.a.
T 20	5 8	28 40	5 15	13 42	1 58	10 56	1 27	0 52	0 16	3 7	1 46	4 13	2 14	21 6	0 1	9 47	1 51	25 6	16 41	6 43	6 49	23 22		n.a.
W21	4 44	28 49	5 1	13 16	2 1	10 28	1 27	1 10	0 16	3 10	1 46	4 15	2 14	21 6	0 1	9 47	1 51	25 6	16 41	6 43	6 50	23 20		n.a.
T 22	4 20	27 37	4 33	12 48	2 3	9 59	1 27	1 28	0 15	3 14	1 46	4 18	2 13	21 5	0 1	9 48	1 51	25 5	16 41	6 42	6 51	23 18		n.a.
F 23	3 56	25 11	3 54	12 17	2 4	9 30	1 27	1 45	0 14	3 17	1 46	4 21	2 13	21 5	0 1	9 49	1 51	25 4	16 41	6 42	6 52	23 16		n.a.
S 24	3 32	21 40	3 6	11 45	2 4	9 1	1 26	2 3	0 14	3 20	1 46	4 23	2 13	21 5	0 1	9 49	1 51	25 3	16 41	6 42	6 53	23 14		n.a.
S 25	3 8	17 16	2 8	11 10	2 4	8 31	1 26	2 21	0 13	3 23	1 46	4 26	2 13	21 5	0 1	9 50	1 51	25 2	16 41	6 41	6 55	23 11		n.a.
M26	2 44	12 9	1 5	10 34	2 3	8 1	1 26	2 39	0 12	3 27	1 46	4 29	2 13	21 5	0 1	9 51	1 51	25 2	16 41	6 41	6 56	23 9		n.a.
T 27	2 19	6 32	0n 2	9 56	2 1	7 31	1 25	2 57	0 12	3 30	1 46	4 31	2 13	21 5	0 1	9 52	1 51	25 1	16 42	6 41	6 57	23 7		n.a.
W28	1 55	0 35	1 10	9 17	1 58	7 1	1 25	3 15	0 11	3 33	1 46	4 34	2 13	21 5	0 1	9 52	1 51	25 0	16 42	6 41	6 58	23 5		n.a.
T 29	1 31	5n28	2 15	8 37	1 55	6 31	1 24	3 33	0 10	3 36	1 46	4 37	2 13	21 5	0 1	9 53	1 51	25 0	16 42	6 42	7 0	23 3		n.a.
F 30	1n 7	11n24	3n15	7n56	1n52	6n 0	1n23	3s51	0n10	3s40	1s46	4s39	2n13	21n 5	0n 1	9s54	1n51	24n59	16n42	6s42	7s 1	23s 0		n.a.

Julian Day Number = 1359703.5, Delta T = 07h00m02s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°44'52, Lahiri = -17°37'52 Julian Calendar 1 Sept. 991 BCE == Greg. Calendar 23 Aug. 991 BCE

The year -990 astronomical counting style corresponds to year 991 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 991 BCE
geocentric

OCTOBER 991 BCE (-990) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 59 34	28♍15'35	4♉12	16♍ 3	19♍28	10♎39	24°R48	16♎53	2°R53	29♎57	5♍42	13°R10	12♓21	3♒ 1	n.a.	S 1
S 2	0 3 31	29°16'00	17°25	17°40	20°44	11°23	24♓40	17° 0	2♊53	29°59	5°44	13♓ 7	12°17	3° 7	n.a.	S 2
M 3	0 7 27	0♎16'27	0♊51	19°17	22° 0	12° 6	24°32	17° 7	2°52	0♏ 1	5°46	13° 5	12°14	3°14	n.a.	M 3
T 4	0 11 24	1°16'56	14°30	20°55	23°15	12°50	24°24	17°14	2°51	0° 3	5°49	13° 4	12°11	3°21	n.a.	T 4
W 5	0 15 20	2°17'28	28°22	22°33	24°31	13°33	24°16	17°20	2°50	0° 5	5°51	13°D 3	12° 8	3°27	n.a.	W 5
T 6	0 19 17	3°18'01	12♋26	24°10	25°46	14°17	24° 8	17°27	2°49	0° 7	5°53	13° 3	12° 5	3°34	n.a.	T 6
F 7	0 23 13	4°18'37	26°40	25°48	27° 2	15° 1	24° 0	17°34	2°48	0° 9	5°55	13° 4	12° 2	3°41	n.a.	F 7
S 8	0 27 10	5°19'14	11♌ 4	27°25	28°17	15°45	23°52	17°41	2°47	0°12	5°57	13° 5	11°58	3°47	n.a.	S 8
S 9	0 31 6	6°19'53	25°33	29° 2	29°33	16°28	23°44	17°48	2°46	0°14	6° 0	13° 7	11°55	3°54	n.a.	S 9
M10	0 35 3	7°20'34	10♍ 3	0♎39	0♎49	17°12	23°37	17°55	2°45	0°16	6° 2	13°R 8	11°52	4° 1	n.a.	M10
T 11	0 39 0	8°21'17	24°29	2°16	2° 4	17°56	23°29	18° 2	2°44	0°18	6° 4	13° 7	11°49	4° 7	n.a.	T 11
W12	0 42 56	9°22'01	8♎46	3°53	3°20	18°40	23°21	18° 9	2°43	0°20	6° 6	13° 5	11°46	4°14	n.a.	W12
T 13	0 46 53	10°22'47	22°48	5°29	4°35	19°24	23°14	18°16	2°42	0°22	6° 8	13° 2	11°42	4°21	n.a.	T 13
F 14	0 50 49	11°23'34	6♏31	7° 5	5°51	20° 8	23° 6	18°23	2°40	0°24	6°10	12°58	11°39	4°27	n.a.	F 14
S 15	0 54 46	12°24'23	19°53	8°41	7° 7	20°53	22°59	18°30	2°39	0°26	6°12	12°53	11°36	4°34	n.a.	S 15
S 16	0 58 42	13°25'13	2♐52	10°17	8°22	21°37	22°52	18°37	2°38	0°29	6°14	12°48	11°33	4°41	n.a.	S 16
M17	1 2 39	14°26'04	15°30	11°52	9°38	22°21	22°45	18°44	2°36	0°31	6°16	12°44	11°30	4°47	n.a.	M17
T 18	1 6 35	15°26'57	27°50	13°28	10°54	23° 5	22°38	18°51	2°35	0°33	6°18	12°41	11°27	4°54	n.a.	T 18
W19	1 10 32	16°27'50	9♑55	15° 3	12° 9	23°50	22°31	18°58	2°33	0°35	6°20	12°39	11°23	5° 1	n.a.	W19
T 20	1 14 29	17°28'45	21°50	16°38	13°25	24°34	22°24	19° 5	2°31	0°37	6°22	12°D39	11°20	5° 7	n.a.	T 20
F 21	1 18 25	18°29'40	3♒40	18°12	14°41	25°19	22°18	19°12	2°30	0°40	6°24	12°40	11°17	5°14	n.a.	F 21
S 22	1 22 22	19°30'37	15°30	19°47	15°56	26° 3	22°11	19°19	2°28	0°42	6°26	12°42	11°14	5°21	n.a.	S 22
S 23	1 26 18	20°31'34	27°25	21°22	17°12	26°48	22° 5	19°26	2°26	0°44	6°27	12°44	11°11	5°27	n.a.	S 23
M24	1 30 15	21°32'32	9♓30	22°56	18°27	27°33	21°59	19°33	2°25	0°46	6°29	12°R45	11° 8	5°34	n.a.	M24
T 25	1 34 11	22°33'32	21°47	24°30	19°43	28°17	21°53	19°40	2°23	0°49	6°31	12°44	11° 4	5°41	n.a.	T 25
W26	1 38 8	23°34'32	4♈21	26° 5	20°59	29° 2	21°47	19°47	2°21	0°51	6°33	12°42	11° 1	5°47	n.a.	W26
T 27	1 42 4	24°35'33	17°12	27°39	22°14	29°47	21°41	19°54	2°19	0°53	6°35	12°38	10°58	5°54	n.a.	T 27
F 28	1 46 1	25°36'36	0♉20	29°13	23°30	0♏31	21°36	20° 1	2°17	0°55	6°36	12°32	10°55	6° 1	n.a.	F 28
S 29	1 49 58	26°37'39	13°45	0♏47	24°46	1°16	21°30	20° 8	2°15	0°58	6°38	12°24	10°52	6° 7	n.a.	S 29
S 30	1 53 54	27°38'43	27°24	2°21	26° 1	2° 1	21°25	20°15	2°13	1° 0	6°40	12°16	10°48	6°14	n.a.	S 30
M31	1 57 51	28♎39'49	11♊15	3♏55	27♎17	2♏46	21♓20	20♎22	2♊11	1♏ 2	6♍41	12♓ 9	10♓45	6♒21	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n42	16n58	4n 6	7n14	1n48	5n30	1n23	4s 9	0n 9	3s43	1s46	4s42	2n13	21n 5	0n 1	9s55	1n51	24n58	16n43	6s43	7s 2	22s58		n.a.
S 2	0 18	21 50	4 45	6 32	1 44	4 59	1 22	4 26	0 8	3 46	1 46	4 45	2 12	21 5	0 1	9 55	1 51	24 58	16 43	6 44	7 3	22 56		n.a.
M 3	0s 7	25 40	5 8	5 49	1 39	4 28	1 21	4 44	0 8	3 49	1 46	4 47	2 12	21 5	0 1	9 56	1 51	24 57	16 43	6 45	7 5	22 53		n.a.
T 4	0 31	28 7	5 15	5 6	1 34	3 56	1 20	5 2	0 7	3 52	1 46	4 50	2 12	21 4	0 1	9 57	1 51	24 56	16 43	6 45	7 6	22 51		n.a.
W 5	0 55	28 53	5 4	4 22	1 29	3 25	1 19	5 20	0 6	3 56	1 46	4 53	2 12	21 4	0 1	9 58	1 50	24 56	16 43	6 46	7 7	22 49		n.a.
T 6	1 20	27 47	4 35	3 38	1 24	2 54	1 18	5 38	0 6	3 59	1 46	4 56	2 12	21 4	0 1	9 58	1 50	24 55	16 44	6 46	7 8	22 47		n.a.
F 7	1 44	24 53	3 49	2 53	1 18	2 22	1 17	5 56	0 5	4 2	1 45	4 58	2 12	21 4	0 1	9 59	1 50	24 55	16 44	6 45	7 9	22 44		n.a.
S 8	2 9	20 24	2 48	2 9	1 12	1 51	1 16	6 13	0 5	4 5	1 45	5 1	2 12	21 4	0 1	10 0	1 50	24 54	16 44	6 45	7 11	22 42		n.a.
S 9	2 33	14 42	1 35	1 24	1 6	1 19	1 14	6 31	0 4	4 8	1 45	5 4	2 12	21 3	0 1	10 1	1 50	24 53	16 45	6 44	7 12	22 40		n.a.
M10	2 57	8 11	0 17	0 39	1 0	0 47	1 13	6 49	0 3	4 11	1 45	5 7	2 12	21 3	0 1	10 1	1 50	24 53	16 45	6 44	7 13	22 37		n.a.
T 11	3 22	1 17	1s 2	0s 5	0 54	0 16	1 12	7 6	0 3	4 14	1 45	5 9	2 12	21 3	0 1	10 2	1 50	24 52	16 45	6 44	7 14	22 35		n.a.
W12	3 46	5s36	2 16	0 50	0 48	0s16	1 10	7 24	0 2	4 17	1 45	5 12	2 12	21 3	0 1	10 3	1 50	24 52	16 45	6 45	7 16	22 33		n.a.
T 13	4 10	12 6	3 21	1 35	0 41	0 48	1 9	7 42	0 1	4 19	1 45	5 15	2 12	21 3	0 1	10 4	1 50	24 51	16 46	6 46	7 17	22 31		n.a.
F 14	4 35	17 51	4 12	2 19	0 35	1 20	1 8	7 59	0 1	4 22	1 44	5 17	2 12	21 2	0 1	10 4	1 50	24 51	16 46	6 48	7 18	22 28		n.a.
S 15	4 59	22 36	4 48	3 4	0 28	1 51	1 6	8 17	0s 0	4 25	1 44	5 20	2 12	21 2	0 1	10 5	1 50	24 50	16 46	6 49	7 19	22 26		n.a.
S 16	5 23	26 5	5 8	3 48	0 22	2 23	1 4	8 34	0 1	4 28	1 44	5 23	2 12	21 2	0 1	10 6	1 50	24 50	16 47	6 51	7 21	22 24		n.a.
M17	5 47	28 11	5 12	4 32	0 15	2 55	1 3	8 51	0 1	4 30	1 44	5 26	2 12	21 2	0 1	10 7	1 50	24 49	16 47	6 53	7 22	22 21		n.a.
T 18	6 10	28 50	5 2	5 15	0 9	3 26	1 1	9 9	0 2	4 33	1 44	5 28	2 11	21 1	0 1	10 8	1 50	24 49	16 48	6 54	7 23	22 19		n.a.
W19	6 34	28 3	4 38	5 59	0 2	3 58	0 59	9 26	0 3	4 36	1 43	5 31	2 11	21 1	0 1	10 8	1 50	24 48	16 48	6 55	7 24	22 16		n.a.
T 20	6 58	26 0	4 3	6 42	0s 4	4 30	0 58	9 43	0 3	4 38	1 43	5 34	2 11	21 1	0 1	10 9	1 50	24 48	16 48	6 55	7 25	22 14		n.a.
F 21	7 22	22 49	3 17	7 25	0 11	5 1	0 56	10 0	0 4	4 40	1 43	5 37	2 11	21 0	0 1	10 10	1 50	24 48	16 49	6 54	7 27	22 12		n.a.
S 22	7 45	18 43	2 23	8 7	0 17	5 32	0 54	10 17	0 5	4 43	1 43	5 39	2 11	21 0	0 1	10 11	1 50	24 47	16 49	6 54	7 28	22 9		n.a.
S 23	8 8	13 51	1 23	8 49	0 24	6 3	0 52	10 34	0 5	4 45	1 42	5 42	2 11	21 0	0 1	10 12	1 50	24 47	16 49	6 53	7 29	22 7		n.a.
M24	8 32	8 24	0 18	9 31	0 30	6 34	0 50	10 51	0 6	4 47	1 42	5 45	2 11	20 59	0 1	10 12	1 50	24 47	16 50	6 53	7 30	22 5		n.a.
T 25	8 55	2 34	0n49	10 12	0 36	7 5	0 48	11 8	0 7	4 50	1 42	5 47	2 11	20 59	0 1	10 13	1 50	24 46	16 50	6 53	7 32	22 2		n.a.
W26	9 18	3n30	1 55	10 53	0 42	7 36	0 46	11 25	0 7	4 52	1 42	5 50	2 11	20 59	0 1	10 14	1 50	24 46	16 51	6 54	7 33	22 0		n.a.
T 27	9 40	9 33	2 56	11 33	0 48	8 6	0 44	11 42	0 8	4 54	1 41	5 53	2 11	20 58	0 1	10 15	1 50	24 46	16 51	6 55	7 34	21 57		n.a.
F 28	10 3	15 20	3 49	12 13	0 54	8 37	0 42	11 58	0 9	4 56	1 41	5 56	2 11	20 58	0 1	10 16	1 50	24 45	16 52	6 58	7 35	21 55		n.a.
S 29	10 26	20 30	4 31	12 52	1 0	9 7	0 40	12 15	0 9	4 58	1 41	5 58	2 11	20 58	0 1	10 16	1 50	24 45	16 52	7 1	7 36	21 53		n.a.
S 30	10 48	24 43	4 58	13 31	1 6	9 37	0 38	12 31	0 10	4 59	1 41	6 1	2 11	20 57	0 1	10 17	1 50	24 45	16 52	7 4	7 38	21 50		n.a.
M31	11s10	27n33	5n 8	14s 9	1s12	10s 7	0n36	12s48	0s11	5s 1	1s40	6s 4	2n11	20n57	0n 1	10s18	1n50	24n45	16n53	7s 7	7s39	21s48		n.a.

Julian Day Number = 1359733.5, Delta T = 07h00m01s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°44'48, Lahiri = -17°37'48 Julian Calendar 1 Oct. 991 BCE == Greg. Calendar 22 Sept. 991 BCE

The year -990 astronomical counting style corresponds to year 991 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 991 BCE
geocentric

NOVEMBER 991 BCE (-990) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 1 47	29♎40'56	25♊13	5♏29	28♎32	3♏31	21°R15	20♎29	2°R 9	1♏ 4	6♍43	12°R 2	10♓42	6♒27	n.a.	T 1
W 2	2 5 44	0♏42'04	9♋16	7° 3	29°48	4°16	21♓11	20°36	2♊ 7	1° 7	6°45	11♓58	10°39	6°34	n.a.	W 2
T 3	2 9 40	1°43'13	23°22	8°37	1♏ 4	5° 1	21° 6	20°43	2° 5	1° 9	6°46	11°56	10°36	6°41	n.a.	T 3
F 4	2 13 37	2°44'23	7♌29	10°12	2°19	5°47	21° 2	20°50	2° 3	1°11	6°48	11°D56	10°33	6°47	n.a.	F 4
S 5	2 17 33	3°45'34	21°36	11°46	3°35	6°32	20°58	20°57	2° 1	1°13	6°49	11°57	10°29	6°54	n.a.	S 5
S 6	2 21 30	4°46'46	5♍41	13°20	4°50	7°17	20°54	21° 4	1°59	1°16	6°51	11°R57	10°26	7° 1	n.a.	S 6
M 7	2 25 27	5°47'59	19°43	14°54	6° 6	8° 2	20°50	21°11	1°56	1°18	6°52	11°57	10°23	7° 7	n.a.	M 7
T 8	2 29 23	6°49'13	3♎41	16°29	7°22	8°48	20°46	21°18	1°54	1°20	6°54	11°55	10°20	7°14	n.a.	T 8
W 9	2 33 20	7°50'27	17°31	18° 3	8°37	9°33	20°43	21°25	1°52	1°22	6°55	11°50	10°17	7°21	n.a.	W 9
T 10	2 37 16	8°51'42	1♏11	19°37	9°53	10°19	20°40	21°32	1°50	1°25	6°57	11°43	10°13	7°27	n.a.	T 10
F 11	2 41 13	9°52'58	14°38	21°11	11° 8	11° 4	20°37	21°38	1°47	1°27	6°58	11°33	10°10	7°34	n.a.	F 11
S 12	2 45 9	10°54'15	27°49	22°46	12°24	11°50	20°34	21°45	1°45	1°29	6°59	11°22	10° 7	7°41	n.a.	S 12
S 13	2 49 6	11°55'31	10♐43	24°20	13°39	12°35	20°31	21°52	1°43	1°31	7° 1	11°11	10° 4	7°48	n.a.	S 13
M14	2 53 2	12°56'49	23°18	25°54	14°55	13°21	20°29	21°59	1°40	1°34	7° 2	11° 0	10° 1	7°54	n.a.	M14
T 15	2 56 59	13°58'06	5♑37	27°27	16°11	14° 7	20°27	22° 5	1°38	1°36	7° 3	10°52	9°58	8° 1	n.a.	T 15
W16	3 0 56	14°59'23	17°42	29° 1	17°26	14°52	20°25	22°12	1°35	1°38	7° 4	10°45	9°54	8° 8	n.a.	W16
T 17	3 4 52	16° 0'40	29°37	0♐34	18°42	15°38	20°23	22°19	1°33	1°40	7° 5	10°42	9°51	8°14	n.a.	T 17
F 18	3 8 49	17° 1'58	11♒26	2° 6	19°57	16°24	20°22	22°25	1°30	1°43	7° 7	10°40	9°48	8°21	n.a.	F 18
S 19	3 12 45	18° 3'15	23°15	3°38	21°13	17°10	20°20	22°32	1°28	1°45	7° 8	10°D40	9°45	8°28	n.a.	S 19
S 20	3 16 42	19° 4'32	5♓ 9	5° 9	22°28	17°56	20°19	22°38	1°25	1°47	7° 9	10°R40	9°42	8°34	n.a.	S 20
M21	3 20 38	20° 5'49	17°13	6°39	23°44	18°41	20°18	22°45	1°23	1°49	7°10	10°40	9°39	8°41	n.a.	M21
T 22	3 24 35	21° 7'05	29°34	8° 8	24°59	19°27	20°18	22°52	1°20	1°51	7°11	10°39	9°35	8°48	n.a.	T 22
W23	3 28 32	22° 8'22	12♈14	9°35	26°15	20°13	20°17	22°58	1°18	1°53	7°12	10°35	9°32	8°54	n.a.	W23
T 24	3 32 28	23° 9'38	25°17	11° 1	27°30	20°59	20°17	23° 4	1°15	1°56	7°13	10°28	9°29	9° 1	n.a.	T 24
F 25	3 36 25	24°10'54	8♉43	12°24	28°45	21°45	20°D17	23°11	1°13	1°58	7°14	10°18	9°26	9° 8	n.a.	F 25
S 26	3 40 21	25°12'10	22°31	13°45	0♐ 1	22°31	20°17	23°17	1°10	2° 0	7°14	10° 7	9°23	9°14	n.a.	S 26
S 27	3 44 18	26°13'26	6♊38	15° 3	1°16	23°18	20°17	23°23	1° 7	2° 2	7°15	9°54	9°19	9°21	n.a.	S 27
M28	3 48 14	27°14'42	20°57	16°17	2°32	24° 4	20°18	23°30	1° 5	2° 4	7°16	9°43	9°16	9°28	n.a.	M28
T 29	3 52 11	28°15'58	5♋24	17°28	3°47	24°50	20°18	23°36	1° 2	2° 6	7°17	9°32	9°13	9°34	n.a.	T 29
W30	3 56 7	29♏17'14	19♋51	18♐33	5♐ 2	25♏36	20♓19	23♎42	1♊ 0	2♏ 8	7♍18	9♓25	9♓10	9♒41	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s32	28n43	5n 0	14s46	1s17	10s36	0n34	13s 4	0s11	5s 3	1s40	6s 6	2n11	20n56	0n 1	10s19	1n50	24n44	16n53	7s 9	7s40	21s45		n.a.
W 2	11 54	28 2	4 34	15 23	1 22	11 5	0 32	13 20	0 12	5 5	1 40	6 9	2 11	20 56	0 1	10 20	1 50	24 44	16 54	7 11	7 41	21 43		n.a.
T 3	12 15	25 33	3 51	15 59	1 28	11 34	0 29	13 36	0 13	5 6	1 39	6 11	2 11	20 56	0 1	10 20	1 50	24 44	16 54	7 12	7 43	21 40		n.a.
F 4	12 37	21 30	2 55	16 34	1 33	12 3	0 27	13 52	0 13	5 8	1 39	6 14	2 11	20 55	0 1	10 21	1 50	24 44	16 55	7 12	7 44	21 38		n.a.
S 5	12 58	16 13	1 47	17 8	1 37	12 31	0 25	14 8	0 14	5 9	1 39	6 17	2 11	20 55	0 1	10 22	1 50	24 44	16 55	7 11	7 45	21 36		n.a.
S 6	13 19	10 6	0 34	17 42	1 42	12 59	0 23	14 23	0 15	5 10	1 39	6 19	2 11	20 54	0 1	10 23	1 50	24 43	16 56	7 11	7 46	21 33		n.a.
M 7	13 40	3 30	0s42	18 15	1 46	13 27	0 20	14 39	0 15	5 11	1 38	6 22	2 11	20 54	0 1	10 24	1 50	24 43	16 56	7 11	7 47	21 31		n.a.
T 8	14 0	3s13	1 54	18 47	1 50	13 54	0 18	14 54	0 16	5 13	1 38	6 24	2 11	20 53	0 1	10 24	1 50	24 43	16 57	7 12	7 49	21 28		n.a.
W 9	14 21	9 43	2 58	19 18	1 54	14 21	0 16	15 10	0 17	5 14	1 38	6 27	2 11	20 53	0 1	10 25	1 50	24 43	16 57	7 14	7 50	21 26		n.a.
T 10	14 41	15 41	3 52	19 48	1 57	14 48	0 13	15 25	0 17	5 15	1 37	6 30	2 11	20 52	0 1	10 26	1 50	24 43	16 58	7 17	7 51	21 23		n.a.
F 11	15 0	20 47	4 31	20 16	2 0	15 14	0 11	15 40	0 18	5 15	1 37	6 32	2 11	20 52	0 1	10 27	1 50	24 43	16 58	7 20	7 52	21 21		n.a.
S 12	15 20	24 46	4 55	20 44	2 3	15 40	0 9	15 55	0 19	5 16	1 37	6 35	2 12	20 51	0 1	10 28	1 50	24 43	16 59	7 25	7 54	21 18		n.a.
S 13	15 39	27 25	5 4	21 11	2 6	16 5	0 6	16 10	0 19	5 17	1 36	6 37	2 12	20 51	0 1	10 28	1 50	24 43	16 59	7 29	7 55	21 16		n.a.
M14	15 58	28 35	4 57	21 36	2 8	16 30	0 4	16 24	0 20	5 18	1 36	6 40	2 12	20 51	0 1	10 29	1 50	24 43	17 0	7 33	7 56	21 13		n.a.
T 15	16 17	28 18	4 36	22 0	2 10	16 55	0 1	16 39	0 20	5 18	1 36	6 42	2 12	20 50	0 1	10 30	1 50	24 43	17 0	7 36	7 57	21 11		n.a.
W16	16 35	26 39	4 3	22 23	2 11	17 19	0s 1	16 53	0 21	5 19	1 35	6 45	2 12	20 50	0 1	10 31	1 50	24 43	17 1	7 39	7 58	21 8		n.a.
T 17	16 53	23 49	3 21	22 44	2 12	17 43	0 3	17 7	0 22	5 19	1 35	6 47	2 12	20 49	0 1	10 31	1 50	24 43	17 1	7 40	8 0	21 6		n.a.
F 18	17 11	20 1	2 29	23 4	2 12	18 6	0 6	17 22	0 22	5 19	1 35	6 50	2 12	20 49	0 1	10 32	1 50	24 43	17 2	7 41	8 1	21 3		n.a.
S 19	17 29	15 25	1 32	23 22	2 12	18 28	0 8	17 35	0 23	5 20	1 34	6 52	2 12	20 48	0 1	10 33	1 50	24 43	17 2	7 41	8 2	21 1		n.a.
S 20	17 46	10 14	0 29	23 38	2 11	18 51	0 10	17 49	0 24	5 20	1 34	6 54	2 12	20 48	0 1	10 34	1 50	24 43	17 3	7 41	8 3	20 58		n.a.
M21	18 3	4 35	0n35	23 53	2 9	19 12	0 13	18 3	0 24	5 20	1 34	6 57	2 12	20 47	0 1	10 34	1 50	24 43	17 4	7 41	8 5	20 56		n.a.
T 22	18 19	1n20	1 39	24 6	2 7	19 33	0 15	18 16	0 25	5 20	1 33	6 59	2 12	20 47	0 1	10 35	1 50	24 43	17 4	7 41	8 6	20 53		n.a.
W23	18 35	7 21	2 39	24 17	2 4	19 54	0 17	18 29	0 26	5 20	1 33	7 1	2 12	20 46	0 1	10 36	1 50	24 44	17 5	7 43	8 7	20 51		n.a.
T 24	18 51	13 14	3 33	24 26	2 1	20 14	0 20	18 42	0 26	5 19	1 33	7 4	2 12	20 45	0 1	10 37	1 50	24 44	17 5	7 46	8 8	20 48		n.a.
F 25	19 7	18 40	4 17	24 34	1 56	20 33	0 22	18 55	0 27	5 19	1 32	7 6	2 12	20 45	0 1	10 37	1 50	24 44	17 6	7 49	8 9	20 46		n.a.
S 26	19 22	23 18	4 47	24 39	1 51	20 52	0 24	19 8	0 27	5 19	1 32	7 8	2 12	20 44	0 2	10 38	1 50	24 44	17 6	7 54	8 11	20 43		n.a.
S 27	19 37	26 41	5 0	24 42	1 45	21 10	0 27	19 20	0 28	5 18	1 32	7 11	2 12	20 44	0 2	10 39	1 50	24 44	17 7	7 58	8 12	20 40		n.a.
M28	19 51	28 24	4 55	24 43	1 38	21 28	0 29	19 33	0 29	5 18	1 31	7 13	2 13	20 43	0 2	10 40	1 50	24 44	17 8	8 3	8 13	20 38		n.a.
T 29	20 5	28 13	4 31	24 42	1 30	21 45	0 31	19 45	0 29	5 17	1 31	7 15	2 13	20 43	0 2	10 40	1 50	24 45	17 8	8 7	8 14	20 35		n.a.
W30	20s19	26n 6	3n50	24s39	1s20	22s 1	0s33	19s57	0s30	5s16	1s30	7s17	2n13	20n42	0n 2	10s41	1n50	24n45	17n 9	8s10	8s15	20s33		n.a.

Julian Day Number = 1359764.5, Delta T = 06h59m59s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°44'44, Lahiri = -17°37'43 Julian Calendar 1 Nov. 991 BCE == Greg. Calendar 23 Oct. 991 BCE

The year -990 astronomical counting style corresponds to year 991 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 991 BCE
geocentric

DECEMBER 991 BCE (-990) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 0 4	0♐18'29	4♌13	19♐33	6♐18	26♏22	20♓21	23♎48	0°R57	2♏10	7♍18	9°R20	9♓ 7	9♒48	n.a.	T 1
F 2	4 4 1	1°19'45	18°27	20°26	7°33	27° 9	20°22	23°54	0♊54	2°12	7°19	9♓18	9° 4	9°54	n.a.	F 2
S 3	4 7 57	2°21'00	2♍32	21°12	8°49	27°55	20°24	24° 0	0°52	2°14	7°20	9°18	9° 0	10° 1	n.a.	S 3
S 4	4 11 54	3°22'16	16°26	21°50	10° 4	28°41	20°25	24° 6	0°49	2°16	7°20	9°18	8°57	10° 8	n.a.	S 4
M 5	4 15 50	4°23'31	0♎10	22°18	11°19	29°28	20°27	24°12	0°47	2°18	7°21	9°17	8°54	10°14	n.a.	M 5
T 6	4 19 47	5°24'46	13°45	22°37	12°35	0♐14	20°29	24°18	0°44	2°20	7°21	9°13	8°51	10°21	n.a.	T 6
W 7	4 23 43	6°26'00	27°10	22°R46	13°50	1° 1	20°32	24°24	0°42	2°22	7°22	9° 7	8°48	10°27	n.a.	W 7
T 8	4 27 40	7°27'15	10♏24	22°42	15° 5	1°47	20°34	24°30	0°39	2°24	7°22	8°57	8°45	10°34	n.a.	T 8
F 9	4 31 37	8°28'28	23°28	22°28	16°20	2°34	20°37	24°36	0°36	2°26	7°23	8°45	8°41	10°41	n.a.	F 9
S 10	4 35 33	9°29'42	6♐20	22° 1	17°36	3°20	20°40	24°41	0°34	2°28	7°23	8°31	8°38	10°47	n.a.	S 10
S 11	4 39 30	10°30'55	18°59	21°23	18°51	4° 7	20°43	24°47	0°31	2°30	7°23	8°17	8°35	10°54	n.a.	S 11
M12	4 43 26	11°32'06	1♑25	20°34	20° 6	4°53	20°47	24°52	0°29	2°32	7°24	8° 3	8°32	11° 1	n.a.	M12
T 13	4 47 23	12°33'18	13°37	19°36	21°22	5°40	20°50	24°58	0°26	2°34	7°24	7°51	8°29	11° 7	n.a.	T 13
W14	4 51 19	13°34'28	25°39	18°30	22°37	6°27	20°54	25° 3	0°24	2°36	7°24	7°42	8°25	11°14	n.a.	W14
T 15	4 55 16	14°35'37	7♒31	17°18	23°52	7°13	20°58	25° 9	0°21	2°37	7°24	7°36	8°22	11°21	n.a.	T 15
F 16	4 59 13	15°36'45	19°19	16° 2	25° 7	8° 0	21° 2	25°14	0°19	2°39	7°24	7°32	8°19	11°27	n.a.	F 16
S 17	5 3 9	16°37'51	1♓ 6	14°45	26°22	8°47	21° 7	25°19	0°16	2°41	7°24	7°31	8°16	11°34	n.a.	S 17
S 18	5 7 6	17°38'57	12°58	13°29	27°38	9°34	21°11	25°24	0°14	2°43	7°25	7°31	8°13	11°41	n.a.	S 18
M19	5 11 2	18°40'01	25° 0	12°16	28°53	10°20	21°16	25°30	0°11	2°44	7°25	7°31	8°10	11°47	n.a.	M19
T 20	5 14 59	19°41'04	7♈19	11° 8	0♑ 8	11° 7	21°21	25°35	0° 9	2°46	7°R25	7°30	8° 6	11°54	n.a.	T 20
W21	5 18 55	20°42'05	19°58	10° 7	1°23	11°54	21°26	25°40	0° 7	2°48	7°25	7°26	8° 3	12° 1	n.a.	W21
T 22	5 22 52	21°43'06	3♉ 2	9°13	2°38	12°41	21°31	25°45	0° 4	2°49	7°25	7°21	8° 0	12° 7	n.a.	T 22
F 23	5 26 48	22°44'05	16°34	8°28	3°53	13°28	21°36	25°49	0° 2	2°51	7°24	7°12	7°57	12°14	n.a.	F 23
S 24	5 30 45	23°45'02	0♊33	7°51	5° 8	14°15	21°42	25°54	29♉59	2°53	7°24	7° 2	7°54	12°21	n.a.	S 24
S 25	5 34 42	24°45'59	14°57	7°23	6°23	15° 2	21°48	25°59	29°57	2°54	7°24	6°50	7°51	12°27	n.a.	S 25
M26	5 38 38	25°46'54	29°39	7° 4	7°38	15°48	21°54	26° 4	29°55	2°56	7°24	6°39	7°47	12°34	n.a.	M26
T 27	5 42 35	26°47'48	14♋32	6°53	8°53	16°35	22° 0	26° 8	29°53	2°57	7°24	6°29	7°44	12°41	n.a.	T 27
W28	5 46 31	27°48'40	29°26	6°D50	10° 8	17°22	22° 6	26°13	29°50	2°59	7°23	6°22	7°41	12°47	n.a.	W28
T 29	5 50 28	28°49'32	14♌13	6°55	11°23	18° 9	22°12	26°17	29°48	3° 0	7°23	6°17	7°38	12°54	n.a.	T 29
F 30	5 54 24	29°50'22	28°47	7° 6	12°38	18°56	22°19	26°21	29°46	3° 2	7°23	6°16	7°35	13° 1	n.a.	F 30
S 31	5 58 21	0♑51'11	13♍ 4	7♐25	13♑53	19♐43	22♓26	26♎26	29♉44	3♏ 3	7♍22	6°D16	7♓31	13♒ 7	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s32	22n19	2n54	24s33	1s10	22s17	0s36	20s 9	0s31	5s16	1s30	7s20	2n13	20n42	0n 2	10s42	1n50	24n45	17n 9	8s12	8s17	20s30			n.a.
F 2	20 45	17 14	1 48	24 26	0 58	22 32	0 38	20 20	0 31	5 15	1 30	7 22	2 13	20 41	0 2	10 42	1 50	24 45	17 10	8 12	8 18	20 28			n.a.
S 3	20 57	11 17	0 36	24 16	0 45	22 46	0 40	20 31	0 32	5 14	1 29	7 24	2 13	20 41	0 2	10 43	1 50	24 46	17 10	8 12	8 19	20 25			n.a.
S 4	21 10	4 51	0s38	24 5	0 31	23 0	0 42	20 42	0 32	5 13	1 29	7 26	2 13	20 40	0 2	10 44	1 50	24 46	17 11	8 12	8 20	20 22			n.a.
M 5	21 21	1s43	1 48	23 51	0 16	23 13	0 44	20 53	0 33	5 12	1 29	7 28	2 13	20 40	0 2	10 44	1 50	24 46	17 12	8 13	8 21	20 20			n.a.
T 6	21 33	8 8	2 51	23 36	0n 0	23 25	0 46	21 4	0 34	5 11	1 28	7 30	2 13	20 39	0 2	10 45	1 50	24 47	17 12	8 14	8 23	20 17			n.a.
W 7	21 43	14 5	3 44	23 19	0 18	23 37	0 48	21 14	0 34	5 9	1 28	7 32	2 13	20 39	0 2	10 46	1 50	24 47	17 13	8 17	8 24	20 15			n.a.
T 8	21 54	19 20	4 24	23 1	0 36	23 48	0 50	21 25	0 35	5 8	1 28	7 34	2 13	20 38	0 2	10 46	1 50	24 47	17 13	8 20	8 25	20 12			n.a.
F 9	22 4	23 35	4 49	22 41	0 55	23 58	0 52	21 35	0 35	5 7	1 27	7 36	2 14	20 37	0 2	10 47	1 50	24 48	17 14	8 25	8 26	20 9			n.a.
S 10	22 13	26 37	4 59	22 20	1 14	24 8	0 54	21 45	0 36	5 5	1 27	7 38	2 14	20 37	0 2	10 48	1 50	24 48	17 15	8 30	8 28	20 7			n.a.
S 11	22 22	28 14	4 54	21 58	1 34	24 16	0 56	21 54	0 37	5 3	1 27	7 40	2 14	20 36	0 2	10 48	1 51	24 49	17 15	8 36	8 29	20 4			n.a.
M12	22 31	28 24	4 35	21 36	1 53	24 24	0 58	22 3	0 37	5 2	1 26	7 42	2 14	20 36	0 2	10 49	1 51	24 49	17 16	8 41	8 30	20 2			n.a.
T 13	22 39	27 9	4 4	21 13	2 11	24 31	1 0	22 12	0 38	5 0	1 26	7 44	2 14	20 35	0 2	10 49	1 51	24 50	17 16	8 45	8 31	19 59			n.a.
W14	22 47	24 39	3 22	20 51	2 29	24 38	1 2	22 21	0 38	4 58	1 26	7 46	2 14	20 35	0 2	10 50	1 51	24 50	17 17	8 49	8 32	19 56			n.a.
T 15	22 55	21 7	2 32	20 28	2 44	24 43	1 3	22 30	0 39	4 56	1 25	7 48	2 14	20 34	0 2	10 51	1 51	24 50	17 18	8 51	8 34	19 54			n.a.
F 16	23 1	16 46	1 35	20 7	2 58	24 48	1 5	22 38	0 40	4 54	1 25	7 50	2 14	20 34	0 2	10 51	1 51	24 51	17 18	8 52	8 35	19 51			n.a.
S 17	23 8	11 47	0 34	19 47	3 10	24 53	1 7	22 46	0 40	4 52	1 25	7 52	2 15	20 33	0 2	10 52	1 51	24 51	17 19	8 53	8 36	19 48			n.a.
S 18	23 14	6 21	0n29	19 29	3 19	24 56	1 8	22 54	0 41	4 50	1 24	7 53	2 15	20 33	0 2	10 52	1 51	24 52	17 19	8 53	8 37	19 46			n.a.
M19	23 19	0 37	1 31	19 12	3 27	24 58	1 10	23 2	0 41	4 48	1 24	7 55	2 15	20 32	0 2	10 53	1 51	24 52	17 20	8 53	8 38	19 43			n.a.
T 20	23 24	5n15	2 31	18 59	3 31	25 0	1 11	23 9	0 42	4 46	1 24	7 57	2 15	20 32	0 2	10 53	1 51	24 53	17 21	8 53	8 40	19 40			n.a.
W21	23 29	11 5	3 25	18 48	3 33	25 1	1 13	23 16	0 42	4 43	1 23	7 59	2 15	20 31	0 2	10 54	1 51	24 54	17 21	8 55	8 41	19 38			n.a.
T 22	23 33	16 37	4 10	18 40	3 34	25 1	1 14	23 23	0 43	4 41	1 23	8 0	2 15	20 31	0 2	10 55	1 51	24 54	17 22	8 57	8 42	19 35			n.a.
F 23	23 37	21 33	4 43	18 35	3 32	25 1	1 15	23 30	0 43	4 39	1 23	8 2	2 15	20 30	0 2	10 55	1 51	24 55	17 22	9 0	8 43	19 32			n.a.
S 24	23 40	25 28	5 0	18 32	3 28	25 0	1 17	23 36	0 44	4 36	1 22	8 3	2 16	20 30	0 2	10 56	1 51	24 55	17 23	9 4	8 44	19 30			n.a.
S 25	23 43	27 54	4 59	18 33	3 23	24 57	1 18	23 42	0 45	4 33	1 22	8 5	2 16	20 29	0 2	10 56	1 51	24 56	17 24	9 8	8 46	19 27			n.a.
M26	23 45	28 27	4 38	18 36	3 17	24 55	1 19	23 48	0 45	4 31	1 22	8 7	2 16	20 29	0 2	10 57	1 51	24 56	17 24	9 13	8 47	19 24			n.a.
T 27	23 47	26 57	3 58	18 41	3 10	24 51	1 20	23 53	0 46	4 28	1 21	8 8	2 16	20 28	0 2	10 57	1 51	24 57	17 25	9 16	8 48	19 22			n.a.
W28	23 48	23 34	3 2	18 49	3 1	24 46	1 21	23 58	0 46	4 25	1 21	8 10	2 16	20 28	0 2	10 58	1 51	24 58	17 25	9 19	8 49	19 19			n.a.
T 29	23 49	18 39	1 54	18 58	2 53	24 41	1 22	24 3	0 47	4 22	1 21	8 11	2 16	20 27	0 2	10 58	1 51	24 58	17 26	9 21	8 50	19 16			n.a.
F 30	23 49	12 42	0 40	19 9	2 43	24 35	1 23	24 8	0 47	4 19	1 21	8 13	2 17	20 27	0 2	10 58	1 51	24 59	17 26	9 21	8 52	19 13			n.a.
S 31	23s49	6n12	0s36	19s22	2n33	24s29	1s24	24s12	0s48	4s16	1s20	8s14	2n17	20n26	0n 2	10s59	1n51	25n 0	17n27	9s21	8s53	19s11			n.a.

Julian Day Number = 1359794.5, Delta T = 06h59m58s
Ecliptic obliquity = 23°48'56, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°44'40, Lahiri = -17°37'39 Julian Calendar 1 Dec. 991 BCE == Greg. Calendar 22 Nov. 991 BCE

The year -990 astronomical counting style corresponds to year 991 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 990 BCE
geocentric

JANUARY 990 BCE (-989) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 2 17	1♉51'59	27♍ 3	7♐49	15♉ 8	20♐30	22♓33	26♎30	29°R42	3♏ 5	7°R22	6°R16	7♓28	13♒14	n.a.	S 1
M 2	6 6 14	2°52'46	10♎44	8°19	16°23	21°17	22°40	26°34	29♉40	3° 6	7♍22	6♓16	7°25	13°21	n.a.	M 2
T 3	6 10 11	3°53'32	24° 8	8°54	17°38	22° 4	22°47	26°38	29°38	3° 7	7°21	6°14	7°22	13°27	n.a.	T 3
W 4	6 14 7	4°54'16	7♏17	9°33	18°53	22°51	22°54	26°42	29°36	3° 9	7°21	6° 9	7°19	13°34	n.a.	W 4
T 5	6 18 4	5°54'59	20°13	10°17	20° 8	23°38	23° 2	26°46	29°34	3°10	7°20	6° 2	7°16	13°41	n.a.	T 5
F 6	6 22 0	6°55'41	2♐56	11° 5	21°23	24°25	23°10	26°50	29°32	3°11	7°19	5°53	7°12	13°47	n.a.	F 6
S 7	6 25 57	7°56'22	15°28	11°56	22°37	25°13	23°17	26°53	29°30	3°12	7°19	5°42	7° 9	13°54	n.a.	S 7
S 8	6 29 53	8°57'01	27°50	12°51	23°52	26° 0	23°25	26°57	29°28	3°14	7°18	5°31	7° 6	14° 1	n.a.	S 8
M 9	6 33 50	9°57'38	10♉ 2	13°48	25° 7	26°47	23°34	27° 1	29°26	3°15	7°18	5°20	7° 3	14° 7	n.a.	M 9
T 10	6 37 47	10°58'14	22° 5	14°48	26°22	27°34	23°42	27° 4	29°25	3°16	7°17	5°11	7° 0	14°14	n.a.	T 10
W11	6 41 43	11°58'47	4♒ 0	15°51	27°37	28°21	23°50	27° 7	29°23	3°17	7°16	5° 4	6°57	14°21	n.a.	W11
T 12	6 45 40	12°59'20	15°49	16°57	28°51	29° 8	23°59	27°11	29°21	3°18	7°15	4°59	6°53	14°27	n.a.	T 12
F 13	6 49 36	13°59'50	27°36	18° 4	0♒ 6	29°55	24° 8	27°14	29°20	3°19	7°15	4°57	6°50	14°34	n.a.	F 13
S 14	6 53 33	15° 0'18	9♓23	19°14	1°21	0♉42	24°16	27°17	29°18	3°20	7°14	4°D57	6°47	14°41	n.a.	S 14
S 15	6 57 29	16° 0'44	21°14	20°25	2°35	1°30	24°25	27°20	29°16	3°21	7°13	4°58	6°44	14°47	n.a.	S 15
M16	7 1 26	17° 1'08	3♈15	21°38	3°50	2°17	24°34	27°23	29°15	3°22	7°12	4°59	6°41	14°54	n.a.	M16
T 17	7 5 22	18° 1'30	15°31	22°53	5° 5	3° 4	24°44	27°26	29°13	3°23	7°11	5°R 0	6°37	15° 1	n.a.	T 17
W18	7 9 19	19° 1'49	28° 6	24°10	6°19	3°51	24°53	27°28	29°12	3°24	7°10	4°59	6°34	15° 7	n.a.	W18
T 19	7 13 15	20° 2'07	11♉ 5	25°28	7°34	4°38	25° 2	27°31	29°11	3°25	7° 9	4°57	6°31	15°14	n.a.	T 19
F 20	7 17 12	21° 2'23	24°32	26°48	8°48	5°25	25°12	27°34	29° 9	3°26	7° 8	4°53	6°28	15°21	n.a.	F 20
S 21	7 21 9	22° 2'36	8♊28	28° 9	10° 3	6°12	25°22	27°36	29° 8	3°26	7° 7	4°48	6°25	15°27	n.a.	S 21
S 22	7 25 5	23° 2'48	22°53	29°31	11°17	6°59	25°32	27°39	29° 7	3°27	7° 6	4°41	6°22	15°34	n.a.	S 22
M23	7 29 2	24° 2'57	7♋41	0♉55	12°32	7°47	25°42	27°41	29° 6	3°28	7° 5	4°35	6°18	15°41	n.a.	M23
T 24	7 32 58	25° 3'04	22°45	2°20	13°46	8°34	25°52	27°43	29° 4	3°29	7° 4	4°29	6°15	15°47	n.a.	T 24
W25	7 36 55	26° 3'09	7♌57	3°47	15° 0	9°21	26° 2	27°45	29° 3	3°29	7° 3	4°25	6°12	15°54	n.a.	W25
T 26	7 40 51	27° 3'12	23° 5	5°14	16°15	10° 8	26°12	27°47	29° 2	3°30	7° 2	4°23	6° 9	16° 0	n.a.	T 26
F 27	7 44 48	28° 3'13	8♍ 1	6°43	17°29	10°55	26°22	27°49	29° 1	3°30	7° 0	4°D22	6° 6	16° 7	n.a.	F 27
S 28	7 48 45	29° 3'13	22°38	8°13	18°43	11°42	26°33	27°51	29° 0	3°31	6°59	4°23	6° 3	16°14	n.a.	S 28
S 29	7 52 41	0♒ 3'10	6♎52	9°44	19°57	12°29	26°43	27°53	28°59	3°31	6°58	4°25	5°59	16°20	n.a.	S 29
M30	7 56 38	1° 3'06	20°42	11°16	21°12	13°16	26°54	27°54	28°59	3°32	6°57	4°26	5°56	16°27	n.a.	M30
T 31	8 0 34	2♒ 3'00	4♏ 9	12♉50	22♒26	14♉ 3	27♓ 5	27♎56	28♉58	3♏32	6♍55	4°R26	5♓53	16♒34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s48	0s28	1s48	19s36	2n23	24s21	1s25	24s16	0s48	4s13	1s20	8s15	2n17	20n26	0n 2	10s59	1n51	25n 0	17n27	9s21	8s54	19s 8		n.a.
M 2	23 47	6 57	2 53	19 51	2 13	24 13	1 26	24 20	0 49	4 10	1 20	8 17	2 17	20 26	0 2	11 0	1 51	25 1	17 28	9 21	8 55	19 5		n.a.
T 3	23 45	13 0	3 46	20 7	2 3	24 4	1 27	24 24	0 49	4 7	1 19	8 18	2 17	20 25	0 2	11 0	1 51	25 2	17 29	9 22	8 56	19 3		n.a.
W 4	23 43	18 21	4 27	20 23	1 52	23 54	1 27	24 27	0 50	4 4	1 19	8 19	2 17	20 25	0 2	11 1	1 52	25 2	17 29	9 24	8 58	19 0		n.a.
T 5	23 41	22 46	4 53	20 40	1 42	23 44	1 28	24 30	0 50	4 1	1 19	8 21	2 18	20 24	0 2	11 1	1 52	25 3	17 30	9 26	8 59	18 57		n.a.
F 6	23 38	26 2	5 4	20 57	1 31	23 33	1 28	24 33	0 51	3 57	1 18	8 22	2 18	20 24	0 2	11 1	1 52	25 4	17 30	9 30	9 0	18 54		n.a.
S 7	23 34	27 58	5 0	21 14	1 21	23 21	1 29	24 35	0 51	3 54	1 18	8 23	2 18	20 23	0 2	11 2	1 52	25 4	17 31	9 34	9 1	18 52		n.a.
S 8	23 30	28 30	4 42	21 32	1 10	23 8	1 29	24 37	0 52	3 50	1 18	8 24	2 18	20 23	0 2	11 2	1 52	25 5	17 31	9 38	9 2	18 49		n.a.
M 9	23 26	27 36	4 11	21 49	1 0	22 55	1 30	24 39	0 52	3 47	1 18	8 25	2 18	20 23	0 2	11 2	1 52	25 6	17 32	9 42	9 4	18 46		n.a.
T 10	23 21	25 25	3 29	22 6	0 50	22 41	1 30	24 40	0 53	3 43	1 17	8 26	2 18	20 22	0 2	11 3	1 52	25 7	17 32	9 46	9 5	18 43		n.a.
W11	23 16	22 7	2 38	22 23	0 40	22 26	1 30	24 42	0 53	3 40	1 17	8 27	2 19	20 22	0 2	11 3	1 52	25 7	17 33	9 48	9 6	18 41		n.a.
T 12	23 10	17 57	1 41	22 39	0 31	22 11	1 30	24 42	0 54	3 36	1 17	8 28	2 19	20 22	0 2	11 3	1 52	25 8	17 33	9 50	9 7	18 38		n.a.
F 13	23 4	13 7	0 40	22 55	0 21	21 55	1 30	24 43	0 54	3 32	1 16	8 29	2 19	20 21	0 2	11 4	1 52	25 9	17 34	9 51	9 8	18 35		n.a.
S 14	22 57	7 48	0n24	23 10	0 12	21 38	1 30	24 43	0 55	3 28	1 16	8 30	2 19	20 21	0 2	11 4	1 52	25 10	17 34	9 51	9 10	18 32		n.a.
S 15	22 50	2 12	1 27	23 25	0 3	21 21	1 30	24 44	0 55	3 24	1 16	8 31	2 19	20 21	0 2	11 4	1 52	25 11	17 35	9 50	9 11	18 30		n.a.
M16	22 43	3n33	2 27	23 39	0s 6	21 3	1 30	24 43	0 56	3 21	1 16	8 32	2 20	20 20	0 2	11 5	1 52	25 11	17 35	9 50	9 12	18 27		n.a.
T 17	22 35	9 17	3 22	23 52	0 14	20 45	1 30	24 43	0 56	3 17	1 15	8 33	2 20	20 20	0 2	11 5	1 52	25 12	17 36	9 50	9 13	18 24		n.a.
W18	22 26	14 49	4 8	24 4	0 23	20 26	1 30	24 42	0 56	3 13	1 15	8 34	2 20	20 20	0 2	11 5	1 52	25 13	17 36	9 50	9 14	18 21		n.a.
T 19	22 18	19 52	4 43	24 15	0 31	20 6	1 29	24 41	0 57	3 9	1 15	8 35	2 20	20 19	0 2	11 5	1 52	25 14	17 37	9 51	9 16	18 18		n.a.
F 20	22 8	24 7	5 5	24 25	0 39	19 46	1 29	24 39	0 57	3 4	1 15	8 35	2 20	20 19	0 2	11 6	1 52	25 15	17 37	9 52	9 17	18 16		n.a.
S 21	21 59	27 9	5 9	24 34	0 46	19 25	1 28	24 38	0 58	3 0	1 14	8 36	2 21	20 19	0 2	11 6	1 52	25 15	17 38	9 54	9 18	18 13		n.a.
S 22	21 49	28 31	4 54	24 42	0 53	19 4	1 28	24 36	0 58	2 56	1 14	8 37	2 21	20 19	0 2	11 6	1 53	25 16	17 38	9 57	9 19	18 10		n.a.
M23	21 38	27 55	4 20	24 49	1 0	18 42	1 27	24 33	0 59	2 52	1 14	8 37	2 21	20 18	0 2	11 6	1 53	25 17	17 39	9 59	9 20	18 7		n.a.
T 24	21 27	25 16	3 27	24 55	1 7	18 20	1 27	24 31	0 59	2 48	1 14	8 38	2 21	20 18	0 2	11 6	1 53	25 18	17 39	10 1	9 21	18 4		n.a.
W25	21 16	20 48	2 19	24 59	1 13	17 57	1 26	24 28	0 59	2 43	1 13	8 38	2 21	20 18	0 2	11 7	1 53	25 19	17 39	10 3	9 23	18 2		n.a.
T 26	21 5	15 0	1 1	25 2	1 19	17 34	1 25	24 25	1 0	2 39	1 13	8 39	2 22	20 18	0 2	11 7	1 53	25 20	17 40	10 3	9 24	17 59		n.a.
F 27	20 53	8 23	0s20	25 3	1 25	17 10	1 24	24 21	1 0	2 35	1 13	8 40	2 22	20 17	0 2	11 7	1 53	25 20	17 40	10 4	9 25	17 56		n.a.
S 28	20 40	1 28	1 38	25 3	1 30	16 46	1 23	24 18	1 0	2 30	1 13	8 40	2 22	20 17	0 2	11 7	1 53	25 21	17 41	10 3	9 26	17 53		n.a.
S 29	20 27	5s20	2 48	25 2	1 35	16 21	1 22	24 14	1 1	2 26	1 12	8 40	2 22	20 17	0 2	11 7	1 53	25 22	17 41	10 3	9 27	17 50		n.a.
M30	20 14	11 42	3 46	24 59	1 40	15 56	1 21	24 9	1 1	2 21	1 12	8 41	2 22	20 17	0 2	11 7	1 53	25 23	17 41	10 2	9 29	17 47		n.a.
T 31	20s 1	17s20	4s30	24s55	1s44	15s31	1s20	24s 5	1s 2	2s17	1s12	8s41	2n23	20n17	0n 2	11s 7	1n53	25n24	17n42	10s 2	9s30	17s45		n.a.

Julian Day Number = 1359825.5, Delta T = 06h59m56s
Ecliptic obliquity = 23°48'56, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°44'35, Lahiri = -17°37'35 Julian Calendar 1 Jan. 990 BCE == Greg. Calendar 23 Dec. 991 BCE

The year -989 astronomical counting style corresponds to year 990 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 990 BCE
geocentric

FEBRUARY 990 BCE (-989) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 4 31	3♒ 2'52	17♏15	14♉24	23♒40	14♉50	27♓16	27♎57	28°R57	3♏33	6°R54	4°R25	5♓50	16♒40	n.a.	W 1
T 2	8 8 27	4° 2'43	0♐ 1	16° 0	24°54	15°38	27°27	27°58	28♉56	3°33	6♍53	4♓23	5°47	16°47	n.a.	T 2
F 3	8 12 24	5° 2'31	12°33	17°37	26° 8	16°25	27°38	28° 0	28°56	3°34	6°51	4°19	5°43	16°54	n.a.	F 3
S 4	8 16 20	6° 2'18	24°51	19°15	27°22	17°12	27°49	28° 1	28°55	3°34	6°50	4°15	5°40	17° 0	n.a.	S 4
S 5	8 20 17	7° 2'03	6♉59	20°54	28°36	17°59	28° 0	28° 2	28°55	3°34	6°49	4°10	5°37	17° 7	n.a.	S 5
M 6	8 24 13	8° 1'46	18°59	22°35	29°50	18°46	28°12	28° 3	28°54	3°35	6°47	4° 5	5°34	17°14	n.a.	M 6
T 7	8 28 10	9° 1'27	0♒53	24°16	1♓ 4	19°33	28°23	28° 4	28°54	3°35	6°46	4° 1	5°31	17°20	n.a.	T 7
W 8	8 32 7	10° 1'06	12°42	25°59	2°18	20°20	28°35	28° 4	28°53	3°35	6°44	3°58	5°28	17°27	n.a.	W 8
T 9	8 36 3	11° 0'42	24°30	27°43	3°32	21° 7	28°46	28° 5	28°53	3°35	6°43	3°57	5°24	17°34	n.a.	T 9
F 10	8 40 0	12° 0'16	6♓17	29°29	4°46	21°54	28°58	28° 5	28°53	3°35	6°42	3°D56	5°21	17°40	n.a.	F 10
S 11	8 43 56	12°59'48	18° 7	1♒15	6° 0	22°41	29°10	28° 6	28°52	3°35	6°40	3°57	5°18	17°47	n.a.	S 11
S 12	8 47 53	13°59'18	0♈ 2	3° 3	7°13	23°28	29°22	28° 6	28°52	3°35	6°39	3°58	5°15	17°54	n.a.	S 12
M13	8 51 49	14°58'45	12° 7	4°52	8°27	24°14	29°34	28° 6	28°52	3°R35	6°37	4° 0	5°12	18° 0	n.a.	M13
T 14	8 55 46	15°58'10	24°24	6°42	9°41	25° 1	29°46	28° 6	28°52	3°35	6°36	4° 1	5° 9	18° 7	n.a.	T 14
W15	8 59 42	16°57'32	6♉58	8°34	10°54	25°48	29°58	28°R 7	28°D52	3°35	6°34	4° 2	5° 5	18°14	n.a.	W15
T 16	9 3 39	17°56'52	19°53	10°27	12° 8	26°35	0♈10	28° 6	28°52	3°35	6°32	4°R 3	5° 2	18°20	n.a.	T 16
F 17	9 7 36	18°56'10	3♊13	12°21	13°22	27°22	0°22	28° 6	28°52	3°35	6°31	4° 2	4°59	18°27	n.a.	F 17
S 18	9 11 32	19°55'25	16°59	14°16	14°35	28° 9	0°35	28° 6	28°52	3°35	6°29	4° 1	4°56	18°34	n.a.	S 18
S 19	9 15 29	20°54'38	1♋12	16°13	15°48	28°55	0°47	28° 6	28°53	3°35	6°28	3°59	4°53	18°40	n.a.	S 19
M20	9 19 25	21°53'48	15°51	18°11	17° 2	29°42	1° 0	28° 5	28°53	3°35	6°26	3°58	4°49	18°47	n.a.	M20
T 21	9 23 22	22°52'56	0♌49	20°10	18°15	0♒29	1°12	28° 5	28°53	3°34	6°24	3°57	4°46	18°53	n.a.	T 21
W22	9 27 18	23°52'02	16° 0	22°10	19°29	1°16	1°25	28° 4	28°54	3°34	6°23	3°56	4°43	19° 0	n.a.	W22
T 23	9 31 15	24°51'05	1♍13	24°11	20°42	2° 2	1°37	28° 3	28°54	3°34	6°21	3°D55	4°40	19° 7	n.a.	T 23
F 24	9 35 11	25°50'06	16°20	26°13	21°55	2°49	1°50	28° 2	28°55	3°33	6°20	3°55	4°37	19°13	n.a.	F 24
S 25	9 39 8	26°49'05	1♎12	28°16	23° 8	3°36	2° 3	28° 1	28°55	3°33	6°18	3°56	4°34	19°20	n.a.	S 25
S 26	9 43 4	27°48'02	15°42	0♓20	24°21	4°22	2°16	28° 0	28°56	3°33	6°16	3°57	4°30	19°27	n.a.	S 26
M27	9 47 1	28°46'57	29°45	2°24	25°34	5° 9	2°29	27°59	28°56	3°32	6°15	3°57	4°27	19°33	n.a.	M27
T 28	9 50 58	29♒45'51	13♏22	4♓28	26♓47	5♒55	2♈42	27♎58	28♉57	3♏32	6♍13	3♓57	4♓24	19♒40	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s47	22s 1	4s59	24s49	1s48	15s 5	1s19	24s 0	1s 2	2s12	1s12	8s41	2n23	20n16	0n 2	11s 7	1n53	25n25	17n42	10s 2	9s31	17s42		n.a.
T 2	19 33	25 33	5 12	24 41	1 52	14 38	1 18	23 55	1 2	2 7	1 12	8 42	2 23	20 16	0 2	11 8	1 53	25 25	17 42	10 3	9 32	17 39		n.a.
F 3	19 18	27 46	5 10	24 32	1 55	14 12	1 16	23 50	1 3	2 3	1 11	8 42	2 23	20 16	0 2	11 8	1 53	25 26	17 43	10 5	9 33	17 36		n.a.
S 4	19 3	28 36	4 53	24 21	1 58	13 45	1 15	23 44	1 3	1 58	1 11	8 42	2 23	20 16	0 2	11 8	1 53	25 27	17 43	10 6	9 35	17 33		n.a.
S 5	18 48	28 1	4 23	24 9	2 0	13 17	1 13	23 38	1 3	1 53	1 11	8 42	2 24	20 16	0 2	11 8	1 53	25 28	17 43	10 8	9 36	17 30		n.a.
M 6	18 33	26 7	3 42	23 54	2 2	12 49	1 12	23 32	1 4	1 48	1 11	8 43	2 24	20 16	0 2	11 8	1 53	25 29	17 44	10 10	9 37	17 27		n.a.
T 7	18 17	23 4	2 52	23 38	2 4	12 21	1 10	23 25	1 4	1 44	1 10	8 43	2 24	20 16	0 2	11 8	1 53	25 30	17 44	10 11	9 38	17 25		n.a.
W 8	18 1	19 5	1 54	23 20	2 5	11 53	1 9	23 19	1 4	1 39	1 10	8 43	2 24	20 16	0 2	11 8	1 54	25 30	17 44	10 12	9 39	17 22		n.a.
T 9	17 44	14 23	0 52	23 0	2 6	11 24	1 7	23 12	1 5	1 34	1 10	8 43	2 24	20 16	0 2	11 8	1 54	25 31	17 45	10 13	9 40	17 19		n.a.
F 10	17 28	9 9	0n13	22 38	2 6	10 55	1 5	23 4	1 5	1 29	1 10	8 43	2 25	20 16	0 2	11 8	1 54	25 32	17 45	10 13	9 42	17 16		n.a.
S 11	17 11	3 35	1 18	22 14	2 6	10 26	1 3	22 57	1 5	1 24	1 10	8 43	2 25	20 16	0 2	11 8	1 54	25 33	17 45	10 13	9 43	17 13		n.a.
S 12	16 53	2n 8	2 19	21 49	2 5	9 57	1 1	22 49	1 5	1 19	1 9	8 43	2 25	20 15	0 2	11 8	1 54	25 34	17 45	10 12	9 44	17 10		n.a.
M13	16 36	7 51	3 16	21 21	2 4	9 27	0 59	22 41	1 6	1 14	1 9	8 43	2 25	20 15	0 2	11 8	1 54	25 35	17 46	10 12	9 45	17 7		n.a.
T 14	16 18	13 23	4 4	20 52	2 2	8 57	0 57	22 33	1 6	1 9	1 9	8 42	2 25	20 15	0 2	11 8	1 54	25 35	17 46	10 11	9 46	17 4		n.a.
W15	16 0	18 29	4 42	20 20	2 0	8 27	0 55	22 24	1 6	1 4	1 9	8 42	2 26	20 15	0 2	11 8	1 54	25 36	17 46	10 11	9 48	17 2		n.a.
T 16	15 42	22 54	5 7	19 47	1 57	7 56	0 53	22 15	1 7	0 59	1 9	8 42	2 26	20 15	0 2	11 7	1 54	25 37	17 46	10 11	9 49	16 59		n.a.
F 17	15 23	26 18	5 17	19 11	1 54	7 26	0 51	22 6	1 7	0 54	1 9	8 42	2 26	20 16	0 2	11 7	1 54	25 38	17 47	10 11	9 50	16 56		n.a.
S 18	15 4	28 17	5 9	18 34	1 50	6 55	0 49	21 57	1 7	0 49	1 8	8 41	2 26	20 16	0 2	11 7	1 54	25 39	17 47	10 11	9 51	16 53		n.a.
S 19	14 45	28 30	4 42	17 54	1 46	6 24	0 47	21 48	1 7	0 43	1 8	8 41	2 26	20 16	0 2	11 7	1 54	25 39	17 47	10 12	9 52	16 50		n.a.
M20	14 26	26 46	3 56	17 13	1 41	5 53	0 44	21 38	1 8	0 38	1 8	8 41	2 27	20 16	0 2	11 7	1 54	25 40	17 47	10 13	9 53	16 47		n.a.
T 21	14 6	23 7	2 54	16 30	1 36	5 21	0 42	21 28	1 8	0 33	1 8	8 40	2 27	20 16	0 2	11 7	1 54	25 41	17 47	10 13	9 55	16 44		n.a.
W22	13 46	17 51	1 38	15 45	1 30	4 50	0 40	21 18	1 8	0 28	1 8	8 40	2 27	20 16	0 2	11 7	1 54	25 42	17 48	10 13	9 56	16 41		n.a.
T 23	13 27	11 27	0 15	14 58	1 23	4 19	0 37	21 7	1 8	0 22	1 7	8 40	2 27	20 16	0 2	11 7	1 54	25 43	17 48	10 13	9 57	16 38		n.a.
F 24	13 6	4 25	1s 8	14 9	1 16	3 47	0 35	20 57	1 8	0 17	1 7	8 39	2 27	20 16	0 2	11 6	1 54	25 43	17 48	10 13	9 58	16 35		n.a.
S 25	12 46	2s42	2 26	13 19	1 8	3 15	0 32	20 46	1 9	0 12	1 7	8 39	2 28	20 16	0 2	11 6	1 55	25 44	17 48	10 13	9 59	16 32		n.a.
S 26	12 26	9 31	3 32	12 27	1 0	2 44	0 30	20 35	1 9	0 7	1 7	8 38	2 28	20 16	0 2	11 6	1 55	25 45	17 48	10 13	10 1	16 29		n.a.
M27	12 5	15 39	4 23	11 34	0 51	2 12	0 27	20 24	1 9	0 1	1 7	8 37	2 28	20 16	0 2	11 6	1 55	25 46	17 48	10 13	10 2	16 27		n.a.
T 28	11s44	20s49	4s58	10s40	0s41	1s40	0s24	20s12	1s 9	0n 4	1s 7	8s37	2n28	20n17	0n 2	11s 6	1n55	25n46	17n48	10s13	10s 3	16s24		n.a.

Julian Day Number = 1359856.5, Delta T = 06h59m55s
Ecliptic obliquity = 23°48'56, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°44'31, Lahiri = -17°37'31 Julian Calendar 1 Feb. 990 BCE == Greg. Calendar 23 Jan. 990 BCE

The year -989 astronomical counting style corresponds to year 990 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 990 BCE
geocentric

MARCH 990 BCE (-989) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 54 54	0♓44'42	26♏33	6♓33	28♓ 0	6♒42	2♈55	27°R57	28♉58	3°R31	6°R11	3°R58	4♓21	19♒47	n.a.	W 1
T 2	9 58 51	1°43'32	9♐21	8°37	29°13	7°28	3° 8	27♎55	28°58	3♏31	6♍10	3♓58	4°18	19°53	n.a.	T 2
F 3	10 2 47	2°42'20	21°49	10°41	0♈26	8°15	3°21	27°54	28°59	3°30	6° 8	3°57	4°15	20° 0	n.a.	F 3
S 4	10 6 44	3°41'06	4♑ 2	12°44	1°39	9° 1	3°34	27°52	29° 0	3°30	6° 6	3°D57	4°11	20° 7	n.a.	S 4
S 5	10 10 40	4°39'50	16° 2	14°46	2°52	9°48	3°47	27°50	29° 1	3°29	6° 5	3°57	4° 8	20°13	n.a.	S 5
M 6	10 14 37	5°38'32	27°55	16°46	4° 5	10°34	4° 0	27°49	29° 2	3°28	6° 3	3°58	4° 5	20°20	n.a.	M 6
T 7	10 18 33	6°37'13	9♒43	18°45	5°17	11°21	4°14	27°47	29° 3	3°28	6° 1	3°58	4° 2	20°27	n.a.	T 7
W 8	10 22 30	7°35'51	21°30	20°41	6°30	12° 7	4°27	27°45	29° 4	3°27	5°59	3°58	3°59	20°33	n.a.	W 8
T 9	10 26 27	8°34'27	3♓18	22°35	7°43	12°53	4°40	27°43	29° 5	3°26	5°58	3°R58	3°55	20°40	n.a.	T 9
F 10	10 30 23	9°33'01	15°10	24°27	8°55	13°39	4°54	27°41	29° 7	3°26	5°56	3°58	3°52	20°47	n.a.	F 10
S 11	10 34 20	10°31'33	27° 7	26°15	10° 8	14°26	5° 7	27°38	29° 8	3°25	5°54	3°58	3°49	20°53	n.a.	S 11
S 12	10 38 16	11°30'03	9♈11	27°59	11°20	15°12	5°21	27°36	29° 9	3°24	5°53	3°57	3°46	21° 0	n.a.	S 12
M13	10 42 13	12°28'31	21°26	29°40	12°32	15°58	5°34	27°34	29°11	3°23	5°51	3°56	3°43	21° 6	n.a.	M13
T 14	10 46 9	13°26'57	3♉53	1♈17	13°45	16°44	5°48	27°31	29°12	3°22	5°49	3°54	3°40	21°13	n.a.	T 14
W15	10 50 6	14°25'21	16°34	2°50	14°57	17°30	6° 1	27°29	29°13	3°21	5°48	3°53	3°36	21°20	n.a.	W15
T 16	10 54 2	15°23'42	29°32	4°19	16° 9	18°16	6°15	27°26	29°15	3°20	5°46	3°52	3°33	21°26	n.a.	T 16
F 17	10 57 59	16°22'01	12♊49	5°43	17°21	19° 2	6°29	27°23	29°17	3°19	5°44	3°D52	3°30	21°33	n.a.	F 17
S 18	11 1 55	17°20'19	26°27	7° 2	18°33	19°48	6°42	27°20	29°18	3°18	5°43	3°52	3°27	21°40	n.a.	S 18
S 19	11 5 52	18°18'33	10♋27	8°17	19°45	20°34	6°56	27°18	29°20	3°17	5°41	3°53	3°24	21°46	n.a.	S 19
M20	11 9 49	19°16'46	24°49	9°26	20°57	21°20	7°10	27°15	29°21	3°16	5°40	3°54	3°20	21°53	n.a.	M20
T 21	11 13 45	20°14'56	9♌29	10°31	22° 9	22° 5	7°24	27°12	29°23	3°15	5°38	3°55	3°17	22° 0	n.a.	T 21
W22	11 17 42	21°13'05	24°24	11°31	23°21	22°51	7°38	27° 9	29°25	3°14	5°36	3°56	3°14	22° 6	n.a.	W22
T 23	11 21 38	22°11'11	9♍26	12°26	24°32	23°37	7°51	27° 5	29°27	3°13	5°35	3°R56	3°11	22°13	n.a.	T 23
F 24	11 25 35	23° 9'15	24°27	13°15	25°44	24°23	8° 5	27° 2	29°29	3°12	5°33	3°55	3° 8	22°20	n.a.	F 24
S 25	11 29 31	24° 7'18	9♎19	13°59	26°56	25° 8	8°19	26°59	29°31	3°11	5°32	3°53	3° 5	22°26	n.a.	S 25
S 26	11 33 28	25° 5'18	23°53	14°38	28° 7	25°54	8°33	26°56	29°33	3°10	5°30	3°51	3° 1	22°33	n.a.	S 26
M27	11 37 24	26° 3'18	8♏ 5	15°12	29°19	26°39	8°47	26°52	29°35	3° 9	5°28	3°48	2°58	22°40	n.a.	M27
T 28	11 41 21	27° 1'15	21°50	15°40	0♉30	27°25	9° 1	26°49	29°37	3° 7	5°27	3°45	2°55	22°46	n.a.	T 28
W29	11 45 18	27°59'12	5♐ 8	16° 3	1°41	28°10	9°15	26°45	29°39	3° 6	5°25	3°42	2°52	22°53	n.a.	W29
T 30	11 49 14	28°57'07	18° 0	16°20	2°52	28°56	9°29	26°42	29°41	3° 5	5°24	3°41	2°49	22°59	n.a.	T 30
F 31	11 53 11	29♓55'00	0♑31	16♈33	4♉ 4	29♒41	9♈43	26♎38	29♉43	3♏ 4	5♍22	3°D40	2♓46	23♒ 6	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	11s23	24s47	5s15	9s44	0s31	1s 8	0s22	20s 0	1s 9	0n10	1s 7	8s36	2n28	20n17	0n 2	11s 5	1n55	25n47	17n48	10s13	10s 4	16s21			n.a.
T 2	11 2	27 24	5 16	8 48	0 21	0 36	0 19	19 49	1 9	0 15	1 6	8 35	2 29	20 17	0 2	11 5	1 55	25 48	17 48	10 13	10 5	16 18			n.a.
F 3	10 40	28 35	5 3	7 50	0 11	0 4	0 16	19 36	1 10	0 20	1 6	8 35	2 29	20 17	0 2	11 5	1 55	25 48	17 48	10 13	10 6	16 15			n.a.
S 4	10 19	28 20	4 35	6 53	0n 0	0n28	0 13	19 24	1 10	0 26	1 6	8 34	2 29	20 17	0 2	11 5	1 55	25 49	17 49	10 13	10 8	16 12			n.a.
S 5	9 57	26 44	3 56	5 55	0 12	1 0	0 11	19 12	1 10	0 31	1 6	8 33	2 29	20 18	0 2	11 4	1 55	25 50	17 49	10 13	10 9	16 9			n.a.
M 6	9 35	23 58	3 7	4 57	0 23	1 32	0 8	18 59	1 10	0 37	1 6	8 32	2 29	20 18	0 2	11 4	1 55	25 51	17 49	10 13	10 10	16 6			n.a.
T 7	9 13	20 11	2 11	3 59	0 35	2 3	0 5	18 46	1 10	0 42	1 6	8 32	2 29	20 18	0 2	11 4	1 55	25 51	17 49	10 13	10 11	16 3			n.a.
W 8	8 51	15 38	1 9	3 2	0 46	2 35	0 2	18 33	1 10	0 48	1 5	8 31	2 30	20 18	0 2	11 4	1 55	25 52	17 49	10 12	10 12	16 0			n.a.
T 9	8 29	10 31	0 4	2 6	0 58	3 7	0n 1	18 20	1 10	0 53	1 5	8 30	2 30	20 19	0 2	11 3	1 55	25 53	17 49	10 12	10 13	15 57			n.a.
F 10	8 7	4 59	1n 2	1 11	1 10	3 39	0 4	18 7	1 10	0 59	1 5	8 29	2 30	20 19	0 2	11 3	1 55	25 53	17 49	10 12	10 15	15 54			n.a.
S 11	7 44	0n45	2 5	0 17	1 21	4 10	0 7	17 53	1 11	1 4	1 5	8 28	2 30	20 19	0 2	11 3	1 55	25 54	17 49	10 13	10 16	15 51			n.a.
S 12	7 22	6 30	3 3	0n35	1 32	4 42	0 10	17 39	1 11	1 10	1 5	8 27	2 30	20 19	0 2	11 2	1 55	25 54	17 49	10 13	10 17	15 48			n.a.
M13	6 59	12 5	3 54	1 26	1 43	5 13	0 13	17 25	1 11	1 15	1 5	8 26	2 30	20 20	0 2	11 2	1 55	25 55	17 49	10 13	10 18	15 45			n.a.
T 14	6 36	17 18	4 35	2 14	1 53	5 45	0 16	17 11	1 11	1 21	1 5	8 25	2 31	20 20	0 2	11 2	1 55	25 56	17 48	10 14	10 19	15 42			n.a.
W15	6 14	21 52	5 3	3 1	2 3	6 16	0 19	16 57	1 11	1 27	1 5	8 24	2 31	20 20	0 2	11 1	1 55	25 56	17 48	10 14	10 20	15 39			n.a.
T 16	5 51	25 30	5 16	3 45	2 12	6 47	0 22	16 43	1 11	1 32	1 4	8 23	2 31	20 21	0 3	11 1	1 55	25 57	17 48	10 15	10 22	15 36			n.a.
F 17	5 28	27 52	5 13	4 27	2 21	7 18	0 25	16 28	1 11	1 38	1 4	8 22	2 31	20 21	0 3	11 1	1 56	25 57	17 48	10 15	10 23	15 33			n.a.
S 18	5 5	28 39	4 53	5 6	2 28	7 49	0 28	16 14	1 11	1 43	1 4	8 20	2 31	20 21	0 3	11 0	1 56	25 58	17 48	10 15	10 24	15 30			n.a.
S 19	4 42	27 38	4 15	5 43	2 36	8 19	0 31	15 59	1 11	1 49	1 4	8 19	2 31	20 22	0 3	11 0	1 56	25 58	17 48	10 14	10 25	15 27			n.a.
M20	4 18	24 47	3 20	6 16	2 42	8 50	0 34	15 44	1 11	1 55	1 4	8 18	2 31	20 22	0 3	10 59	1 56	25 59	17 48	10 14	10 26	15 24			n.a.
T 21	3 55	20 16	2 11	6 47	2 48	9 20	0 37	15 29	1 11	2 0	1 4	8 17	2 32	20 23	0 3	10 59	1 56	26 0	17 48	10 14	10 27	15 21			n.a.
W22	3 32	14 25	0 53	7 16	2 52	9 50	0 40	15 14	1 11	2 6	1 4	8 16	2 32	20 23	0 3	10 59	1 56	26 0	17 48	10 13	10 29	15 18			n.a.
T 23	3 9	7 41	0s30	7 41	2 56	10 19	0 43	14 59	1 11	2 11	1 4	8 14	2 32	20 23	0 3	10 58	1 56	26 1	17 48	10 13	10 30	15 15			n.a.
F 24	2 46	0 33	1 51	8 3	2 59	10 49	0 46	14 43	1 11	2 17	1 4	8 13	2 32	20 24	0 3	10 58	1 56	26 1	17 47	10 14	10 31	15 12			n.a.
S 25	2 22	6s33	3 3	8 22	3 1	11 18	0 49	14 28	1 11	2 23	1 3	8 12	2 32	20 24	0 3	10 57	1 56	26 1	17 47	10 14	10 32	15 9			n.a.
S 26	1 59	13 9	4 2	8 38	3 1	11 47	0 52	14 12	1 11	2 28	1 3	8 11	2 32	20 25	0 3	10 57	1 56	26 2	17 47	10 15	10 33	15 6			n.a.
M27	1 36	18 53	4 44	8 51	3 1	12 16	0 55	13 56	1 11	2 34	1 3	8 9	2 32	20 25	0 3	10 56	1 56	26 2	17 47	10 16	10 34	15 3			n.a.
T 28	1 12	23 27	5 8	9 1	2 59	12 44	0 58	13 40	1 11	2 40	1 3	8 8	2 32	20 26	0 3	10 56	1 56	26 3	17 47	10 17	10 36	15 0			n.a.
W29	0 49	26 39	5 15	9 7	2 57	13 12	1 1	13 24	1 11	2 45	1 3	8 6	2 32	20 26	0 3	10 56	1 56	26 3	17 46	10 18	10 37	14 57			n.a.
T 30	0 25	28 20	5 5	9 10	2 53	13 40	1 4	13 8	1 11	2 51	1 3	8 5	2 33	20 27	0 3	10 55	1 56	26 4	17 46	10 19	10 38	14 54			n.a.
F 31	0s 2	28s30	4s41	9n11	2n48	14n 7	1n 7	12s52	1s11	2n57	1s 3	8s 4	2n33	20n27	0n 3	10s55	1n56	26n 4	17n46	10s19	10s39	14s51			n.a.

Julian Day Number = 1359884.5, Delta T = 06h59m53s
Ecliptic obliquity = 23°48'56, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°44'27, Lahiri = -17°37'27 Julian Calendar 1 March 990 BCE == Greg. Calendar 20 Feb. 990 BCE

The year -989 astronomical counting style corresponds to year 990 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 990 BCE
geocentric

APRIL 990 BCE (-989) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 57 7	0♈52'52	12♉43	16♈40	5♉15	0♓27	9♈57	26°R34	29♉45	3°R 2	5°R21	3♓41	2♓42	23♒13	n.a.	S 1
S 2	12 1 4	1°50'43	24°42	16°R41	6°26	1°12	10°11	26♎30	29°47	3♏ 1	5♍19	3°42	2°39	23°19	n.a.	S 2
M 3	12 5 0	2°48'32	6♒33	16°38	7°37	1°57	10°25	26°27	29°50	3° 0	5°18	3°44	2°36	23°26	n.a.	M 3
T 4	12 8 57	3°46'20	18°20	16°30	8°47	2°42	10°39	26°23	29°52	2°58	5°16	3°45	2°33	23°33	n.a.	T 4
W 5	12 12 53	4°44'07	0♓ 7	16°17	9°58	3°27	10°53	26°19	29°54	2°57	5°15	3°R46	2°30	23°39	n.a.	W 5
T 6	12 16 50	5°41'52	11°58	16° 0	11° 9	4°12	11° 7	26°15	29°57	2°56	5°14	3°46	2°26	23°46	n.a.	T 6
F 7	12 20 46	6°39'35	23°56	15°39	12°19	4°58	11°21	26°11	29°59	2°54	5°12	3°44	2°23	23°53	n.a.	F 7
S 8	12 24 43	7°37'17	6♈ 4	15°15	13°30	5°43	11°35	26° 7	0♊ 2	2°53	5°11	3°41	2°20	23°59	n.a.	S 8
S 9	12 28 40	8°34'58	18°22	14°47	14°40	6°27	11°49	26° 3	0° 4	2°51	5°10	3°36	2°17	24° 6	n.a.	S 9
M10	12 32 36	9°32'37	0♉53	14°17	15°51	7°12	12° 3	25°59	0° 7	2°50	5° 8	3°30	2°14	24°13	n.a.	M10
T 11	12 36 33	10°30'15	13°36	13°45	17° 1	7°57	12°17	25°55	0°10	2°48	5° 7	3°24	2°11	24°19	n.a.	T 11
W12	12 40 29	11°27'51	26°33	13°11	18°11	8°42	12°31	25°50	0°12	2°47	5° 6	3°18	2° 7	24°26	n.a.	W12
T 13	12 44 26	12°25'26	9♊43	12°36	19°21	9°27	12°46	25°46	0°15	2°46	5° 4	3°13	2° 4	24°33	n.a.	T 13
F 14	12 48 22	13°23'00	23° 7	12° 2	20°31	10°11	13° 0	25°42	0°18	2°44	5° 3	3° 9	2° 1	24°39	n.a.	F 14
S 15	12 52 19	14°20'31	6♋46	11°27	21°41	10°56	13°14	25°38	0°20	2°43	5° 2	3° 8	1°58	24°46	n.a.	S 15
S 16	12 56 15	15°18'01	20°40	10°53	22°51	11°41	13°28	25°33	0°23	2°41	5° 1	3°D 8	1°55	24°52	n.a.	S 16
M17	13 0 12	16°15'30	4♌48	10°21	24° 1	12°25	13°42	25°29	0°26	2°39	5° 0	3° 8	1°52	24°59	n.a.	M17
T 18	13 4 9	17°12'57	19° 9	9°51	25°11	13° 9	13°56	25°25	0°29	2°38	4°58	3°10	1°48	25° 6	n.a.	T 18
W19	13 8 5	18°10'22	3♍42	9°23	26°20	13°54	14°10	25°20	0°32	2°36	4°57	3°R10	1°45	25°12	n.a.	W19
T 20	13 12 2	19° 7'46	18°22	8°58	27°30	14°38	14°24	25°16	0°34	2°35	4°56	3° 9	1°42	25°19	n.a.	T 20
F 21	13 15 58	20° 5'09	3♎ 4	8°37	28°39	15°22	14°38	25°12	0°37	2°33	4°55	3° 6	1°39	25°26	n.a.	F 21
S 22	13 19 55	21° 2'30	17°40	8°19	29°48	16° 7	14°52	25° 7	0°40	2°32	4°54	3° 1	1°36	25°32	n.a.	S 22
S 23	13 23 51	21°59'51	2♏ 5	8° 5	0♊57	16°51	15° 6	25° 3	0°43	2°30	4°53	2°55	1°32	25°39	n.a.	S 23
M24	13 27 48	22°57'10	16°11	7°55	2° 6	17°35	15°20	24°58	0°46	2°29	4°52	2°47	1°29	25°46	n.a.	M24
T 25	13 31 44	23°54'29	29°55	7°50	3°15	18°19	15°34	24°54	0°49	2°27	4°51	2°39	1°26	25°52	n.a.	T 25
W26	13 35 41	24°51'47	13♐14	7°D49	4°24	19° 3	15°48	24°50	0°52	2°25	4°50	2°32	1°23	25°59	n.a.	W26
T 27	13 39 38	25°49'04	26° 9	7°52	5°32	19°47	16° 2	24°45	0°56	2°24	4°49	2°26	1°20	26° 6	n.a.	T 27
F 28	13 43 34	26°46'21	8♑42	8° 0	6°41	20°31	16°16	24°41	0°59	2°22	4°48	2°22	1°17	26°12	n.a.	F 28
S 29	13 47 31	27°43'37	20°56	8°12	7°49	21°15	16°30	24°36	1° 2	2°21	4°48	2°20	1°13	26°19	n.a.	S 29
S 30	13 51 27	28♈40'52	2♒56	8♈29	8♊58	21♓58	16♈44	24♎32	1♊ 5	2♏19	4♍47	2°D20	1♓10	26♒26	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n21	27s15	4s 5	9n 7	2n41	14n34	1n10	12s36	1s11	3n 2	1s 3	8s 2	2n33	20n27	0n 3	10s54	1n56	26n 4	17n46	10s19	10s40	14s48		n.a.
S 2	0 45	24 46	3 18	9 1	2 34	15 1	1 13	12 19	1 11	3 8	1 3	8 1	2 33	20 28	0 3	10 54	1 56	26 5	17 45	10 18	10 41	14 45		n.a.
M 3	1 8	21 15	2 24	8 52	2 25	15 28	1 16	12 3	1 11	3 14	1 3	7 59	2 33	20 28	0 3	10 53	1 56	26 5	17 45	10 18	10 43	14 42		n.a.
T 4	1 31	16 54	1 24	8 40	2 15	15 54	1 19	11 46	1 11	3 19	1 3	7 58	2 33	20 29	0 3	10 53	1 56	26 5	17 45	10 17	10 44	14 39		n.a.
W 5	1 55	11 55	0 20	8 25	2 4	16 19	1 22	11 29	1 11	3 25	1 2	7 56	2 33	20 30	0 3	10 52	1 56	26 6	17 45	10 17	10 45	14 36		n.a.
T 6	2 18	6 29	0n45	8 7	1 52	16 44	1 24	11 13	1 10	3 31	1 2	7 55	2 33	20 30	0 3	10 52	1 56	26 6	17 44	10 17	10 46	14 32		n.a.
F 7	2 41	0 48	1 48	7 47	1 39	17 9	1 27	10 56	1 10	3 36	1 2	7 53	2 33	20 31	0 3	10 51	1 56	26 6	17 44	10 18	10 47	14 29		n.a.
S 8	3 4	5n 0	2 47	7 24	1 25	17 34	1 30	10 39	1 10	3 42	1 2	7 52	2 33	20 31	0 3	10 51	1 56	26 6	17 44	10 19	10 48	14 26		n.a.
S 9	3 27	10 41	3 40	7 0	1 10	17 58	1 32	10 22	1 10	3 48	1 2	7 50	2 33	20 32	0 3	10 50	1 56	26 7	17 44	10 21	10 50	14 23		n.a.
M10	3 50	16 2	4 22	6 33	0 55	18 21	1 35	10 5	1 10	3 53	1 2	7 49	2 33	20 32	0 3	10 50	1 56	26 7	17 43	10 23	10 51	14 20		n.a.
T 11	4 13	20 48	4 52	6 6	0 39	18 44	1 38	9 48	1 10	3 59	1 2	7 47	2 33	20 33	0 3	10 49	1 56	26 7	17 43	10 25	10 52	14 17		n.a.
W12	4 36	24 40	5 8	5 37	0 22	19 7	1 40	9 31	1 10	4 4	1 2	7 46	2 33	20 33	0 3	10 49	1 56	26 7	17 43	10 27	10 53	14 14		n.a.
T 13	4 59	27 20	5 8	5 8	0 5	19 29	1 43	9 13	1 10	4 10	1 2	7 44	2 33	20 34	0 3	10 48	1 56	26 7	17 42	10 29	10 54	14 11		n.a.
F 14	5 22	28 30	4 52	4 38	0s12	19 51	1 45	8 56	1 9	4 16	1 2	7 42	2 33	20 35	0 3	10 48	1 56	26 8	17 42	10 30	10 55	14 8		n.a.
S 15	5 44	27 57	4 19	4 9	0 29	20 12	1 48	8 39	1 9	4 21	1 2	7 41	2 33	20 35	0 3	10 47	1 56	26 8	17 41	10 31	10 56	14 5		n.a.
S 16	6 7	25 39	3 30	3 40	0 46	20 33	1 50	8 21	1 9	4 27	1 2	7 39	2 33	20 36	0 3	10 46	1 56	26 8	17 41	10 31	10 58	14 2		n.a.
M17	6 29	21 45	2 28	3 12	1 3	20 53	1 52	8 4	1 9	4 32	1 2	7 38	2 33	20 36	0 3	10 46	1 56	26 8	17 41	10 31	10 59	13 59		n.a.
T 18	6 52	16 30	1 15	2 45	1 19	21 12	1 54	7 46	1 9	4 38	1 2	7 36	2 33	20 37	0 3	10 45	1 56	26 8	17 40	10 30	11 0	13 56		n.a.
W19	7 14	10 16	0s 3	2 20	1 34	21 31	1 57	7 29	1 9	4 44	1 2	7 34	2 33	20 38	0 3	10 45	1 56	26 8	17 40	10 30	11 1	13 52		n.a.
T 20	7 36	3 26	1 21	1 57	1 49	21 50	1 59	7 11	1 8	4 49	1 2	7 33	2 33	20 38	0 3	10 44	1 56	26 8	17 40	10 30	11 2	13 49		n.a.
F 21	7 58	3s35	2 34	1 35	2 3	22 8	2 1	6 54	1 8	4 55	1 1	7 31	2 33	20 39	0 3	10 44	1 57	26 8	17 39	10 31	11 3	13 46		n.a.
S 22	8 20	10 22	3 37	1 16	2 16	22 25	2 3	6 36	1 8	5 0	1 1	7 30	2 33	20 39	0 3	10 43	1 57	26 8	17 39	10 33	11 5	13 43		n.a.
S 23	8 42	16 30	4 24	1 0	2 28	22 42	2 5	6 18	1 8	5 6	1 1	7 28	2 33	20 40	0 3	10 43	1 57	26 8	17 38	10 36	11 6	13 40		n.a.
M24	9 4	21 38	4 54	0 46	2 39	22 58	2 6	6 1	1 7	5 11	1 1	7 26	2 33	20 41	0 3	10 42	1 57	26 8	17 38	10 39	11 7	13 37		n.a.
T 25	9 25	25 26	5 7	0 34	2 49	23 14	2 8	5 43	1 7	5 17	1 1	7 25	2 33	20 41	0 3	10 42	1 57	26 8	17 37	10 42	11 8	13 34		n.a.
W26	9 46	27 44	5 2	0 25	2 58	23 29	2 10	5 25	1 7	5 22	1 1	7 23	2 33	20 42	0 3	10 41	1 57	26 8	17 37	10 44	11 9	13 31		n.a.
T 27	10 8	28 27	4 41	0 19	3 6	23 43	2 11	5 8	1 7	5 28	1 1	7 22	2 33	20 43	0 3	10 40	1 57	26 8	17 37	10 46	11 10	13 28		n.a.
F 28	10 29	27 39	4 8	0 16	3 13	23 57	2 13	4 50	1 6	5 33	1 1	7 20	2 33	20 43	0 3	10 40	1 57	26 8	17 36	10 48	11 11	13 24		n.a.
S 29	10 50	25 31	3 24	0 16	3 19	24 10	2 14	4 32	1 6	5 39	1 1	7 19	2 33	20 44	0 3	10 39	1 57	26 8	17 36	10 48	11 13	13 21		n.a.
S 30	11n10	22s16	2s31	0n18	3s24	24n22	2n16	4s14	1s 6	5n44	1s 1	7s17	2n33	20n45	0n 3	10s39	1n57	26n 8	17n35	10s48	11s14	13s18		n.a.

Julian Day Number = 1359915.5, Delta T = 06h59m52s
Ecliptic obliquity = 23°48'56, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°44'23, Lahiri = -17°37'23 Julian Calendar 1 Apr. 990 BCE == Greg. Calendar 23 March 990 BCE

The year -989 astronomical counting style corresponds to year 990 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 990 BCE
geocentric

MAY 990 BCE (-989) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 55 24	29♈38'07	14♒47	8♈51	10♊ 6	22♓42	16♈58	24°R28	1♊ 8	2°R17	4°R46	2♓21	1♓ 7	26♒32	n.a.	M 1
T 2	13 59 20	0♉35'21	26°34	9°16	11°14	23°26	17°11	24♎23	1°11	2♏16	4♍45	2°R22	1° 4	26°39	n.a.	T 2
W 3	14 3 17	1°32'34	8♓24	9°46	12°22	24° 9	17°25	24°19	1°15	2°14	4°45	2°22	1° 1	26°45	n.a.	W 3
T 4	14 7 14	2°29'47	20°19	10°21	13°30	24°53	17°39	24°14	1°18	2°12	4°44	2°20	0°57	26°52	n.a.	T 4
F 5	14 11 10	3°27'00	2♈25	10°59	14°37	25°36	17°53	24°10	1°21	2°11	4°43	2°16	0°54	26°59	n.a.	F 5
S 6	14 15 7	4°24'12	14°43	11°42	15°45	26°20	18° 7	24° 6	1°25	2° 9	4°42	2°10	0°51	27° 5	n.a.	S 6
S 7	14 19 3	5°21'23	27°17	12°28	16°52	27° 3	18°20	24° 1	1°28	2° 8	4°42	2° 1	0°48	27°12	n.a.	S 7
M 8	14 23 0	6°18'34	10♉ 6	13°18	18° 0	27°47	18°34	23°57	1°31	2° 6	4°41	1°51	0°45	27°19	n.a.	M 8
T 9	14 26 56	7°15'44	23°11	14°13	19° 7	28°30	18°48	23°53	1°35	2° 4	4°41	1°40	0°42	27°25	n.a.	T 9
W10	14 30 53	8°12'54	6♊29	15°10	20°14	29°13	19° 1	23°49	1°38	2° 3	4°40	1°29	0°38	27°32	n.a.	W10
T 11	14 34 49	9°10'04	20° 0	16°12	21°20	29°56	19°15	23°45	1°41	2° 1	4°40	1°20	0°35	27°39	n.a.	T 11
F 12	14 38 46	10° 7'12	3♋41	17°17	22°27	0♈39	19°29	23°40	1°45	2° 0	4°39	1°13	0°32	27°45	n.a.	F 12
S 13	14 42 43	11° 4'20	17°31	18°26	23°34	1°22	19°42	23°36	1°48	1°58	4°39	1° 9	0°29	27°52	n.a.	S 13
S 14	14 46 39	12° 1'28	1♌28	19°38	24°40	2° 5	19°56	23°32	1°52	1°56	4°38	1° 7	0°26	27°59	n.a.	S 14
M15	14 50 36	12°58'34	15°32	20°54	25°46	2°48	20° 9	23°28	1°55	1°55	4°38	1°D 7	0°23	28° 5	n.a.	M15
T 16	14 54 32	13°55'40	29°42	22°13	26°52	3°30	20°23	23°24	1°59	1°53	4°38	1°R 7	0°19	28°12	n.a.	T 16
W17	14 58 29	14°52'45	13♍56	23°35	27°58	4°13	20°36	23°20	2° 2	1°52	4°37	1° 6	0°16	28°19	n.a.	W17
T 18	15 2 25	15°49'50	28°13	25° 1	29° 4	4°56	20°49	23°16	2° 6	1°50	4°37	1° 4	0°13	28°25	n.a.	T 18
F 19	15 6 22	16°46'54	12♎30	26°30	0♋ 9	5°38	21° 3	23°12	2° 9	1°49	4°37	0°59	0°10	28°32	n.a.	F 19
S 20	15 10 18	17°43'58	26°42	28° 2	1°14	6°21	21°16	23° 9	2°13	1°47	4°37	0°52	0° 7	28°38	n.a.	S 20
S 21	15 14 15	18°41'01	10♏46	29°37	2°19	7° 3	21°29	23° 5	2°16	1°45	4°37	0°42	0° 3	28°45	n.a.	S 21
M22	15 18 12	19°38'05	24°35	1♉16	3°24	7°46	21°42	23° 1	2°20	1°44	4°36	0°31	0° 0	28°52	n.a.	M22
T 23	15 22 8	20°35'09	8♐ 7	2°58	4°29	8°28	21°55	22°57	2°23	1°42	4°36	0°19	29♒57	28°58	n.a.	T 23
W24	15 26 5	21°32'12	21°19	4°42	5°33	9°10	22° 8	22°54	2°27	1°41	4°36	0° 8	29°54	29° 5	n.a.	W24
T 25	15 30 1	22°29'16	4♑ 9	6°30	6°37	9°52	22°21	22°50	2°31	1°39	4°D36	29♒59	29°51	29°12	n.a.	T 25
F 26	15 33 58	23°26'20	16°39	8°21	7°41	10°34	22°34	22°47	2°34	1°38	4°36	29°52	29°48	29°18	n.a.	F 26
S 27	15 37 54	24°23'24	28°53	10°14	8°45	11°16	22°47	22°43	2°38	1°36	4°36	29°48	29°44	29°25	n.a.	S 27
S 28	15 41 51	25°20'28	10♒52	12°10	9°49	11°58	23° 0	22°40	2°41	1°35	4°36	29°46	29°41	29°32	n.a.	S 28
M29	15 45 48	26°17'33	22°44	14° 8	10°52	12°40	23°13	22°37	2°45	1°34	4°36	29°45	29°38	29°38	n.a.	M29
T 30	15 49 44	27°14'38	4♓32	16° 9	11°55	13°22	23°26	22°33	2°49	1°32	4°37	29°45	29°35	29°45	n.a.	T 30
W31	15 53 41	28♉11'44	16♓23	18♉12	12♋58	14♈ 4	23♈39	22♎30	2♊52	1♏31	4♍37	29♒45	29♒32	29♒52	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	11n31	18s 8	1s33	0n23	3s27	24n34	2n17	3s57	1s 6	5n50	1s 1	7s15	2n33	20n45	0n 3	10s38	1n57	26n 8	17n35	10s48	11s15	13s15			n.a.
T 2	11 51	13 20	0 31	0 31	3 30	24 45	2 18	3 39	1 5	5 55	1 1	7 14	2 33	20 46	0 3	10 38	1 57	26 8	17 34	10 48	11 16	13 12			n.a.
W 3	12 12	8 3	0n32	0 42	3 32	24 56	2 19	3 21	1 5	6 0	1 1	7 12	2 33	20 47	0 3	10 37	1 57	26 8	17 34	10 48	11 17	13 9			n.a.
T 4	12 32	2 27	1 35	0 54	3 33	25 6	2 20	3 3	1 5	6 6	1 1	7 11	2 33	20 47	0 3	10 36	1 57	26 7	17 33	10 48	11 18	13 6			n.a.
F 5	12 52	3n19	2 33	1 10	3 33	25 15	2 21	2 45	1 4	6 11	1 1	7 9	2 33	20 48	0 3	10 36	1 57	26 7	17 33	10 50	11 19	13 3			n.a.
S 6	13 11	9 3	3 26	1 27	3 32	25 23	2 22	2 28	1 4	6 16	1 1	7 8	2 33	20 49	0 3	10 35	1 57	26 7	17 32	10 52	11 21	12 59			n.a.
S 7	13 31	14 32	4 10	1 47	3 30	25 31	2 23	2 10	1 4	6 22	1 1	7 6	2 33	20 50	0 3	10 35	1 57	26 7	17 32	10 55	11 22	12 56			n.a.
M 8	13 50	19 31	4 42	2 10	3 27	25 38	2 23	1 52	1 4	6 27	1 1	7 5	2 32	20 50	0 3	10 34	1 57	26 7	17 31	10 59	11 23	12 53			n.a.
T 9	14 9	23 41	5 0	2 34	3 24	25 45	2 24	1 34	1 3	6 32	1 1	7 3	2 32	20 51	0 3	10 34	1 57	26 6	17 31	11 3	11 24	12 50			n.a.
W10	14 28	26 41	5 2	3 0	3 19	25 51	2 24	1 17	1 3	6 38	1 1	7 2	2 32	20 52	0 3	10 33	1 56	26 6	17 30	11 7	11 25	12 47			n.a.
T 11	14 47	28 12	4 47	3 29	3 14	25 56	2 24	0 59	1 3	6 43	1 1	7 0	2 32	20 52	0 3	10 33	1 56	26 6	17 30	11 10	11 26	12 44			n.a.
F 12	15 5	28 2	4 16	3 59	3 9	26 0	2 25	0 41	1 2	6 48	1 1	6 59	2 32	20 53	0 3	10 32	1 56	26 5	17 29	11 13	11 27	12 41			n.a.
S 13	15 23	26 7	3 30	4 32	3 3	26 4	2 25	0 23	1 2	6 53	1 1	6 57	2 32	20 54	0 3	10 32	1 56	26 5	17 29	11 14	11 29	12 37			n.a.
S 14	15 41	22 35	2 31	5 6	2 56	26 7	2 25	0 6	1 1	6 58	1 1	6 56	2 32	20 54	0 3	10 31	1 56	26 5	17 28	11 15	11 30	12 34			n.a.
M15	15 59	17 44	1 22	5 41	2 48	26 9	2 25	0n12	1 1	7 4	1 1	6 55	2 32	20 55	0 3	10 30	1 56	26 4	17 28	11 15	11 31	12 31			n.a.
T 16	16 16	11 52	0 8	6 18	2 40	26 11	2 24	0 29	1 1	7 9	1 1	6 53	2 32	20 56	0 3	10 30	1 56	26 4	17 27	11 15	11 32	12 28			n.a.
W17	16 33	5 23	1s 8	6 57	2 32	26 12	2 24	0 47	1 0	7 14	1 1	6 52	2 31	20 57	0 3	10 29	1 56	26 4	17 27	11 15	11 33	12 25			n.a.
T 18	16 50	1s24	2 18	7 37	2 22	26 12	2 24	1 4	1 0	7 19	1 1	6 51	2 31	20 57	0 3	10 29	1 56	26 3	17 26	11 16	11 34	12 22			n.a.
F 19	17 7	8 5	3 21	8 19	2 13	26 12	2 23	1 22	1 0	7 24	1 1	6 49	2 31	20 58	0 3	10 28	1 56	26 3	17 26	11 18	11 35	12 18			n.a.
S 20	17 23	14 20	4 10	9 2	2 3	26 11	2 22	1 39	0 59	7 29	1 1	6 48	2 31	20 59	0 3	10 28	1 56	26 3	17 25	11 20	11 36	12 15			n.a.
S 21	17 39	19 45	4 43	9 46	1 53	26 9	2 21	1 57	0 59	7 34	1 1	6 47	2 31	20 59	0 3	10 27	1 56	26 2	17 25	11 24	11 38	12 12			n.a.
M22	17 55	24 3	4 59	10 30	1 42	26 7	2 20	2 14	0 58	7 39	1 1	6 45	2 31	21 0	0 3	10 27	1 56	26 2	17 24	11 28	11 39	12 9			n.a.
T 23	18 11	26 54	4 58	11 16	1 31	26 3	2 19	2 31	0 58	7 44	1 1	6 44	2 30	21 1	0 3	10 26	1 56	26 1	17 23	11 32	11 40	12 6			n.a.
W24	18 26	28 12	4 41	12 3	1 20	26 0	2 18	2 49	0 58	7 49	1 1	6 43	2 30	21 2	0 3	10 26	1 56	26 1	17 23	11 36	11 41	12 3			n.a.
T 25	18 41	27 55	4 10	12 50	1 8	25 55	2 17	3 6	0 57	7 54	1 1	6 42	2 30	21 2	0 3	10 25	1 56	26 0	17 22	11 39	11 42	11 59			n.a.
F 26	18 55	26 11	3 27	13 37	0 57	25 50	2 15	3 23	0 57	7 59	1 1	6 41	2 30	21 3	0 3	10 25	1 56	26 0	17 22	11 42	11 43	11 56			n.a.
S 27	19 10	23 15	2 36	14 24	0 45	25 45	2 14	3 40	0 56	8 4	1 1	6 40	2 30	21 4	0 3	10 24	1 56	25 59	17 21	11 43	11 44	11 53			n.a.
S 28	19 24	19 21	1 38	15 12	0 33	25 38	2 12	3 57	0 56	8 8	1 1	6 38	2 30	21 5	0 3	10 24	1 56	25 59	17 21	11 44	11 46	11 50			n.a.
M29	19 38	14 44	0 37	15 59	0 22	25 31	2 10	4 14	0 55	8 13	1 1	6 37	2 29	21 5	0 3	10 23	1 56	25 58	17 20	11 44	11 47	11 47			n.a.
T 30	19 51	9 36	0n25	16 46	0 10	25 24	2 8	4 31	0 55	8 18	1 1	6 36	2 29	21 6	0 3	10 23	1 56	25 58	17 20	11 44	11 48	11 43			n.a.
W31	20n 4	4s 7	1n27	17n32	0n 1	25n15	2n 6	4n48	0s54	8n23	1s 1	6s35	2n29	21n 7	0n 3	10s22	1n56	25n57	17n19	11s44	11s49	11s40			n.a.

Julian Day Number = 1359945.5, Delta T = 06h59m50s
Ecliptic obliquity = 23°48'56, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°44'19, Lahiri = -17°37'19 Julian Calendar 1 May 990 BCE == Greg. Calendar 22 Apr. 990 BCE

The year -989 astronomical counting style corresponds to year 990 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 990 BCE
geocentric

JUNE 990 BCE (-989) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 57 37	29♉ 8'50	28♓22	20♉16	14♋ 0	14♈46	23♈51	22°R27	2♊56	1°R29	4♍37	29°R42	29♒29	29♒58	n.a.	T 1
F 2	16 1 34	0♊ 5'56	10♈33	22°22	15° 2	15°27	24° 4	22♎24	2°59	1♏28	4°37	29♒38	29°25	0♓ 5	n.a.	F 2
S 3	16 5 30	1° 3'03	23° 0	24°29	16° 4	16° 9	24°16	22°21	3° 3	1°27	4°37	29°31	29°22	0°11	n.a.	S 3
S 4	16 9 27	2° 0'11	5♉46	26°37	17° 6	16°50	24°29	22°18	3° 7	1°25	4°38	29°21	29°19	0°18	n.a.	S 4
M 5	16 13 23	2°57'19	18°52	28°46	18° 8	17°32	24°41	22°15	3°10	1°24	4°38	29°10	29°16	0°25	n.a.	M 5
T 6	16 17 20	3°54'27	2♊17	0♊55	19° 9	18°13	24°54	22°13	3°14	1°23	4°39	28°58	29°13	0°31	n.a.	T 6
W 7	16 21 17	4°51'36	15°59	3° 4	20° 9	18°54	25° 6	22°10	3°18	1°21	4°39	28°46	29° 9	0°38	n.a.	W 7
T 8	16 25 13	5°48'46	29°54	5°13	21°10	19°35	25°18	22° 7	3°21	1°20	4°39	28°36	29° 6	0°45	n.a.	T 8
F 9	16 29 10	6°45'56	13♋59	7°21	22°10	20°17	25°30	22° 5	3°25	1°19	4°40	28°28	29° 3	0°51	n.a.	F 9
S 10	16 33 6	7°43'06	28° 9	9°29	23°10	20°58	25°42	22° 2	3°28	1°18	4°40	28°23	29° 0	0°58	n.a.	S 10
S 11	16 37 3	8°40'16	12♌21	11°36	24° 9	21°39	25°55	22° 0	3°32	1°16	4°41	28°20	28°57	1° 5	n.a.	S 11
M12	16 40 59	9°37'27	26°32	13°42	25° 9	22°19	26° 6	21°58	3°36	1°15	4°41	28°D20	28°54	1°11	n.a.	M12
T 13	16 44 56	10°34'38	10♍40	15°46	26° 7	23° 0	26°18	21°56	3°39	1°14	4°42	28°R20	28°50	1°18	n.a.	T 13
W14	16 48 53	11°31'49	24°45	17°49	27° 6	23°41	26°30	21°54	3°43	1°13	4°43	28°19	28°47	1°25	n.a.	W14
T 15	16 52 49	12°29'01	8♎46	19°51	28° 4	24°22	26°42	21°51	3°47	1°12	4°43	28°17	28°44	1°31	n.a.	T 15
F 16	16 56 46	13°26'13	22°41	21°51	29° 1	25° 2	26°53	21°50	3°50	1°11	4°44	28°12	28°41	1°38	n.a.	F 16
S 17	17 0 42	14°23'26	6♏29	23°50	29°58	25°43	27° 5	21°48	3°54	1°10	4°45	28° 5	28°38	1°45	n.a.	S 17
S 18	17 4 39	15°20'39	20° 7	25°47	0♌55	26°23	27°16	21°46	3°57	1° 9	4°46	27°56	28°35	1°51	n.a.	S 18
M19	17 8 35	16°17'53	3♐33	27°43	1°51	27° 3	27°28	21°44	4° 1	1° 8	4°46	27°44	28°31	1°58	n.a.	M19
T 20	17 12 32	17°15'08	16°45	29°37	2°47	27°44	27°39	21°43	4° 4	1° 7	4°47	27°33	28°28	2° 4	n.a.	T 20
W21	17 16 28	18°12'24	29°41	1♋29	3°42	28°24	27°50	21°41	4° 8	1° 6	4°48	27°22	28°25	2°11	n.a.	W21
T 22	17 20 25	19° 9'40	12♑20	3°19	4°36	29° 4	28° 2	21°40	4°12	1° 5	4°49	27°13	28°22	2°18	n.a.	T 22
F 23	17 24 22	20° 6'58	24°43	5° 8	5°31	29°44	28°13	21°38	4°15	1° 4	4°50	27° 6	28°19	2°24	n.a.	F 23
S 24	17 28 18	21° 4'17	6♒51	6°55	6°24	0♉24	28°24	21°37	4°19	1° 3	4°51	27° 2	28°15	2°31	n.a.	S 24
S 25	17 32 15	22° 1'37	18°49	8°41	7°17	1° 4	28°34	21°36	4°22	1° 2	4°52	27° 0	28°12	2°38	n.a.	S 25
M26	17 36 11	22°58'58	0♓39	10°25	8°10	1°44	28°45	21°35	4°26	1° 1	4°53	27°D 0	28° 9	2°44	n.a.	M26
T 27	17 40 8	23°56'21	12°27	12° 7	9° 2	2°23	28°56	21°34	4°29	1° 0	4°54	27° 1	28° 6	2°51	n.a.	T 27
W28	17 44 4	24°53'45	24°18	13°47	9°53	3° 3	29° 6	21°33	4°33	0°59	4°55	27°R 1	28° 3	2°58	n.a.	W28
T 29	17 48 1	25°51'10	6♈17	15°26	10°43	3°43	29°17	21°33	4°36	0°59	4°56	27° 0	28° 0	3° 4	n.a.	T 29
F 30	17 51 57	26♊48'36	18♈30	17♋ 4	11♌33	4♉22	29♈27	21♎32	4♊39	0♏58	4♍57	26♒58	27♒56	3♓11	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n17	1n33	2n25	18n17	0n12	25n 7	2n 3	5n 5	0s54	8n27	1s 1	6s34	2n29	21n 7	0n 3	10s22	1n56	25n56	17n18	11s45	11s50	11s37		n.a.
F 2	20 29	7 16	3 18	19 1	0 22	24 57	2 1	5 21	0 53	8 32	1 1	6 33	2 29	21 8	0 3	10 22	1 56	25 56	17 18	11 47	11 51	11 34		n.a.
S 3	20 41	12 49	4 2	19 43	0 33	24 47	1 58	5 38	0 53	8 37	1 1	6 33	2 28	21 9	0 3	10 21	1 56	25 55	17 17	11 49	11 52	11 31		n.a.
S 4	20 53	17 58	4 36	20 24	0 42	24 37	1 56	5 55	0 52	8 41	1 1	6 32	2 28	21 10	0 3	10 21	1 56	25 55	17 17	11 53	11 53	11 27		n.a.
M 5	21 5	22 26	4 56	21 2	0 52	24 26	1 53	6 11	0 52	8 46	1 1	6 31	2 28	21 10	0 3	10 20	1 56	25 54	17 16	11 57	11 55	11 24		n.a.
T 6	21 16	25 50	5 0	21 39	1 0	24 14	1 50	6 28	0 51	8 50	1 1	6 30	2 28	21 11	0 3	10 20	1 56	25 53	17 16	12 1	11 56	11 21		n.a.
W 7	21 26	27 49	4 47	22 13	1 8	24 2	1 47	6 44	0 51	8 55	1 1	6 29	2 28	21 12	0 3	10 19	1 56	25 53	17 15	12 5	11 57	11 18		n.a.
T 8	21 37	28 6	4 17	22 45	1 16	23 49	1 43	7 0	0 50	8 59	1 1	6 28	2 27	21 12	0 3	10 19	1 56	25 52	17 14	12 9	11 58	11 15		n.a.
F 9	21 47	26 34	3 32	23 14	1 23	23 36	1 40	7 17	0 50	9 4	1 1	6 28	2 27	21 13	0 3	10 19	1 56	25 51	17 14	12 12	11 59	11 11		n.a.
S 10	21 56	23 21	2 32	23 41	1 29	23 22	1 36	7 33	0 49	9 8	1 1	6 27	2 27	21 14	0 3	10 18	1 56	25 50	17 13	12 13	12 0	11 8		n.a.
S 11	22 6	18 42	1 24	24 5	1 34	23 8	1 32	7 49	0 49	9 13	1 1	6 26	2 27	21 15	0 3	10 18	1 56	25 50	17 13	12 14	12 1	11 5		n.a.
M12	22 15	13 1	0 10	24 26	1 39	22 53	1 28	8 5	0 48	9 17	1 1	6 26	2 26	21 15	0 3	10 17	1 56	25 49	17 12	12 14	12 2	11 2		n.a.
T 13	22 23	6 41	1s 5	24 45	1 43	22 38	1 24	8 21	0 48	9 21	1 1	6 25	2 26	21 16	0 3	10 17	1 55	25 48	17 12	12 14	12 4	10 58		n.a.
W14	22 31	0 3	2 15	25 0	1 46	22 22	1 20	8 36	0 47	9 26	1 1	6 24	2 26	21 17	0 3	10 17	1 55	25 48	17 11	12 15	12 5	10 55		n.a.
T 15	22 39	6s32	3 17	25 13	1 49	22 6	1 15	8 52	0 47	9 30	1 1	6 24	2 26	21 17	0 3	10 16	1 55	25 47	17 11	12 15	12 6	10 52		n.a.
F 16	22 46	12 45	4 6	25 24	1 50	21 50	1 11	9 8	0 46	9 34	1 1	6 23	2 26	21 18	0 3	10 16	1 55	25 46	17 10	12 17	12 7	10 49		n.a.
S 17	22 53	18 18	4 41	25 32	1 52	21 33	1 6	9 23	0 46	9 38	1 2	6 23	2 25	21 19	0 3	10 16	1 55	25 45	17 10	12 20	12 8	10 46		n.a.
S 18	23 0	22 50	4 59	25 37	1 52	21 16	1 1	9 38	0 45	9 42	1 2	6 22	2 25	21 20	0 3	10 15	1 55	25 44	17 9	12 23	12 9	10 42		n.a.
M19	23 6	26 6	5 0	25 40	1 52	20 58	0 56	9 54	0 44	9 47	1 2	6 22	2 25	21 20	0 3	10 15	1 55	25 44	17 8	12 27	12 10	10 39		n.a.
T 20	23 12	27 52	4 45	25 40	1 52	20 40	0 51	10 9	0 44	9 51	1 2	6 22	2 25	21 21	0 3	10 15	1 55	25 43	17 8	12 31	12 11	10 36		n.a.
W21	23 17	28 5	4 16	25 39	1 50	20 22	0 45	10 24	0 43	9 55	1 2	6 21	2 24	21 22	0 3	10 14	1 55	25 42	17 7	12 35	12 13	10 33		n.a.
T 22	23 22	26 47	3 34	25 35	1 48	20 3	0 39	10 39	0 43	9 59	1 2	6 21	2 24	21 22	0 3	10 14	1 55	25 41	17 7	12 38	12 14	10 29		n.a.
F 23	23 26	24 11	2 43	25 29	1 46	19 44	0 34	10 54	0 42	10 3	1 2	6 21	2 24	21 23	0 3	10 14	1 55	25 40	17 6	12 40	12 15	10 26		n.a.
S 24	23 31	20 33	1 45	25 21	1 43	19 25	0 28	11 9	0 41	10 6	1 2	6 21	2 24	21 24	0 3	10 14	1 55	25 39	17 6	12 41	12 16	10 23		n.a.
S 25	23 34	16 7	0 44	25 11	1 40	19 5	0 22	11 23	0 41	10 10	1 2	6 20	2 23	21 24	0 3	10 13	1 55	25 39	17 5	12 42	12 17	10 20		n.a.
M26	23 38	11 7	0n20	25 0	1 36	18 45	0 15	11 38	0 40	10 14	1 2	6 20	2 23	21 25	0 3	10 13	1 55	25 38	17 5	12 42	12 18	10 16		n.a.
T 27	23 40	5 44	1 22	24 47	1 32	18 25	0 9	11 53	0 40	10 18	1 2	6 20	2 23	21 26	0 3	10 13	1 55	25 37	17 4	12 42	12 19	10 13		n.a.
W28	23 43	0 9	2 21	24 32	1 27	18 5	0 2	12 7	0 39	10 22	1 2	6 20	2 23	21 26	0 3	10 13	1 55	25 36	17 4	12 42	12 20	10 10		n.a.
T 29	23 45	5n30	3 14	24 16	1 22	17 44	0s 5	12 21	0 38	10 25	1 2	6 20	2 22	21 27	0 3	10 12	1 55	25 35	17 3	12 42	12 21	10 7		n.a.
F 30	23n47	11n 3	4n 0	23n58	1n16	17n24	0s12	12n35	0s38	10n29	1s 2	6s20	2n22	21n28	0n 3	10s12	1n55	25n34	17n 3	12s43	12s23	10s 3		n.a.

Julian Day Number = 1359976.5, Delta T = 06h59m49s
Ecliptic obliquity = 23°48'56, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°44'15, Lahiri = -17°37'14 Julian Calendar 1 June 990 BCE == Greg. Calendar 23 May 990 BCE

The year -989 astronomical counting style corresponds to year 990 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 990 BCE
geocentric

JULY 990 BCE (-989) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 55 54	27♊46'04	1♉ 0	18♋39	12♌23	5♉ 2	29♈38	21°R31	4♊43	0°R57	4♍58	26°R54	27♒53	3♓18	n.a.	S 1
S 2	17 59 51	28°43'34	13°52	20°13	13°11	5°41	29°48	21♎31	4°46	0♏57	5° 0	26♒47	27°50	3°24	n.a.	S 2
M 3	18 3 47	29°41'05	27° 8	21°46	13°59	6°20	29°58	21°30	4°50	0°56	5° 1	26°39	27°47	3°31	n.a.	M 3
T 4	18 7 44	0♋38'38	10♊48	23°17	14°46	6°59	0♉ 8	21°30	4°53	0°55	5° 2	26°30	27°44	3°38	n.a.	T 4
W 5	18 11 40	1°36'12	24°48	24°46	15°32	7°38	0°18	21°30	4°56	0°55	5° 4	26°21	27°41	3°44	n.a.	W 5
T 6	18 15 37	2°33'47	9♋ 7	26°13	16°17	8°17	0°27	21°D30	5° 0	0°54	5° 5	26°13	27°37	3°51	n.a.	T 6
F 7	18 19 33	3°31'24	23°36	27°39	17° 2	8°56	0°37	21°30	5° 3	0°54	5° 6	26° 7	27°34	3°57	n.a.	F 7
S 8	18 23 30	4°29'02	8♌11	29° 3	17°45	9°35	0°47	21°30	5° 6	0°53	5° 8	26° 4	27°31	4° 4	n.a.	S 8
S 9	18 27 27	5°26'41	22°45	0♌25	18°28	10°14	0°56	21°30	5°10	0°53	5° 9	26°D 2	27°28	4°11	n.a.	S 9
M10	18 31 23	6°24'21	7♍13	1°46	19°10	10°52	1° 5	21°31	5°13	0°52	5°10	26° 3	27°25	4°17	n.a.	M10
T 11	18 35 20	7°22'03	21°31	3° 5	19°50	11°31	1°14	21°31	5°16	0°52	5°12	26° 4	27°21	4°24	n.a.	T 11
W12	18 39 16	8°19'45	5♎38	4°22	20°30	12° 9	1°23	21°31	5°19	0°51	5°13	26°R 4	27°18	4°31	n.a.	W12
T 13	18 43 13	9°17'29	19°33	5°37	21° 8	12°48	1°32	21°32	5°22	0°51	5°15	26° 4	27°15	4°37	n.a.	T 13
F 14	18 47 9	10°15'14	3♏15	6°50	21°46	13°26	1°41	21°33	5°26	0°51	5°16	26° 2	27°12	4°44	n.a.	F 14
S 15	18 51 6	11°13'01	16°44	8° 0	22°22	14° 4	1°50	21°33	5°29	0°50	5°18	25°58	27° 9	4°51	n.a.	S 15
S 16	18 55 2	12°10'48	29°59	9° 9	22°56	14°42	1°58	21°34	5°32	0°50	5°20	25°52	27° 6	4°57	n.a.	S 16
M17	18 58 59	13° 8'38	13♐ 3	10°16	23°30	15°20	2° 7	21°35	5°35	0°50	5°21	25°45	27° 2	5° 4	n.a.	M17
T 18	19 2 56	14° 6'29	25°53	11°20	24° 2	15°58	2°15	21°36	5°38	0°50	5°23	25°37	26°59	5°11	n.a.	T 18
W19	19 6 52	15° 4'21	8♑29	12°22	24°33	16°36	2°23	21°38	5°41	0°49	5°25	25°31	26°56	5°17	n.a.	W19
T 20	19 10 49	16° 2'15	20°53	13°21	25° 2	17°13	2°31	21°39	5°44	0°49	5°26	25°25	26°53	5°24	n.a.	T 20
F 21	19 14 45	17° 0'11	3♒ 5	14°17	25°30	17°51	2°39	21°40	5°47	0°49	5°28	25°21	26°50	5°31	n.a.	F 21
S 22	19 18 42	17°58'08	15° 6	15°11	25°56	18°28	2°47	21°42	5°50	0°49	5°30	25°19	26°47	5°37	n.a.	S 22
S 23	19 22 38	18°56'07	27° 0	16° 1	26°21	19° 6	2°55	21°43	5°53	0°49	5°32	25°D18	26°43	5°44	n.a.	S 23
M24	19 26 35	19°54'08	8♓48	16°49	26°44	19°43	3° 2	21°45	5°55	0°D49	5°33	25°19	26°40	5°50	n.a.	M24
T 25	19 30 31	20°52'12	20°35	17°32	27° 5	20°20	3° 9	21°46	5°58	0°49	5°35	25°20	26°37	5°57	n.a.	T 25
W26	19 34 28	21°50'17	2♈26	18°12	27°25	20°57	3°17	21°48	6° 1	0°49	5°37	25°22	26°34	6° 4	n.a.	W26
T 27	19 38 25	22°48'24	14°24	18°49	27°42	21°34	3°24	21°50	6° 4	0°49	5°39	25°23	26°31	6°10	n.a.	T 27
F 28	19 42 21	23°46'33	26°35	19°21	27°58	22°11	3°31	21°52	6° 7	0°49	5°41	25°R24	26°27	6°17	n.a.	F 28
S 29	19 46 18	24°44'45	9♉ 4	19°49	28°12	22°48	3°37	21°54	6° 9	0°50	5°43	25°23	26°24	6°24	n.a.	S 29
S 30	19 50 14	25°42'59	21°55	20°11	28°23	23°25	3°44	21°56	6°12	0°50	5°45	25°21	26°21	6°30	n.a.	S 30
M31	19 54 11	26♋41'14	5♊12	20♌29	28♌33	24♉ 1	3♉50	21♎59	6♊15	0♏50	5♍47	25♒17	26♒18	6♓37	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	16n17	4n35	23n39	1n10	17n 3	0s19	12n49	0s37	10n33	1s 2	6s20	2n22	21n28	0n 3	10s12	1n54	25n33	17n 2	12s44	12s24	10s 0		n.a.
S 2	23 49	20 59	4 58	23 19	1 4	16 42	0 27	13 3	0 36	10 36	1 2	6 20	2 21	21 29	0 3	10 12	1 54	25 32	17 2	12 47	12 25	9 57		n.a.
M 3	23 49	24 46	5 5	22 58	0 57	16 21	0 34	13 17	0 36	10 40	1 2	6 20	2 21	21 29	0 3	10 12	1 54	25 31	17 1	12 50	12 26	9 54		n.a.
T 4	23 49	27 18	4 56	22 36	0 50	15 59	0 42	13 31	0 35	10 43	1 3	6 20	2 21	21 30	0 3	10 12	1 54	25 30	17 1	12 53	12 27	9 50		n.a.
W 5	23 48	28 12	4 29	22 13	0 43	15 38	0 50	13 44	0 34	10 47	1 3	6 20	2 21	21 31	0 3	10 11	1 54	25 29	17 0	12 56	12 28	9 47		n.a.
T 6	23 47	27 14	3 45	21 49	0 36	15 17	0 58	13 58	0 34	10 50	1 3	6 21	2 20	21 31	0 3	10 11	1 54	25 28	17 0	12 59	12 29	9 44		n.a.
F 7	23 46	24 26	2 45	21 25	0 28	14 55	1 7	14 11	0 33	10 53	1 3	6 21	2 20	21 32	0 4	10 11	1 54	25 27	16 59	13 1	12 30	9 41		n.a.
S 8	23 44	20 2	1 35	20 59	0 19	14 33	1 15	14 24	0 32	10 57	1 3	6 21	2 20	21 33	0 4	10 11	1 54	25 27	16 59	13 2	12 31	9 37		n.a.
S 9	23 42	14 26	0 18	20 33	0 11	14 12	1 24	14 37	0 32	11 0	1 3	6 21	2 20	21 33	0 4	10 11	1 54	25 26	16 58	13 2	12 33	9 34		n.a.
M10	23 39	8 4	1s 0	20 7	0 2	13 50	1 33	14 50	0 31	11 3	1 3	6 22	2 19	21 34	0 4	10 11	1 54	25 25	16 58	13 2	12 34	9 31		n.a.
T 11	23 36	1 23	2 13	19 40	0s 7	13 29	1 42	15 3	0 30	11 6	1 3	6 22	2 19	21 34	0 4	10 11	1 54	25 24	16 57	13 2	12 35	9 28		n.a.
W12	23 33	5s17	3 17	19 13	0 16	13 7	1 52	15 15	0 29	11 9	1 3	6 23	2 19	21 35	0 4	10 11	1 54	25 23	16 57	13 1	12 36	9 24		n.a.
T 13	23 29	11 35	4 9	18 46	0 25	12 46	2 1	15 28	0 29	11 12	1 3	6 23	2 19	21 36	0 4	10 11	1 54	25 22	16 56	13 2	12 37	9 21		n.a.
F 14	23 25	17 14	4 45	18 18	0 35	12 25	2 11	15 40	0 28	11 15	1 3	6 24	2 18	21 36	0 4	10 11	1 54	25 21	16 56	13 2	12 38	9 18		n.a.
S 15	23 20	21 57	5 5	17 50	0 44	12 4	2 21	15 53	0 27	11 18	1 3	6 24	2 18	21 37	0 4	10 10	1 54	25 20	16 56	13 4	12 39	9 14		n.a.
S 16	23 15	25 29	5 8	17 23	0 54	11 43	2 31	16 5	0 26	11 21	1 4	6 25	2 18	21 37	0 4	10 10	1 54	25 19	16 55	13 6	12 40	9 11		n.a.
M17	23 9	27 36	4 55	16 55	1 4	11 22	2 41	16 17	0 26	11 24	1 4	6 25	2 17	21 38	0 4	10 10	1 53	25 18	16 55	13 8	12 41	9 8		n.a.
T 18	23 3	28 12	4 27	16 28	1 14	11 1	2 52	16 29	0 25	11 27	1 4	6 26	2 17	21 38	0 4	10 10	1 53	25 16	16 54	13 11	12 43	9 5		n.a.
W19	22 57	27 19	3 47	16 1	1 24	10 41	3 2	16 40	0 24	11 30	1 4	6 27	2 17	21 39	0 4	10 10	1 53	25 15	16 54	13 13	12 44	9 1		n.a.
T 20	22 50	25 4	2 56	15 34	1 35	10 21	3 13	16 52	0 23	11 32	1 4	6 27	2 17	21 40	0 4	10 10	1 53	25 14	16 53	13 15	12 45	8 58		n.a.
F 21	22 43	21 41	1 58	15 8	1 45	10 1	3 24	17 3	0 23	11 35	1 4	6 28	2 16	21 40	0 4	10 10	1 53	25 13	16 53	13 16	12 46	8 55		n.a.
S 22	22 35	17 26	0 55	14 42	1 55	9 42	3 35	17 15	0 22	11 38	1 4	6 29	2 16	21 41	0 4	10 11	1 53	25 12	16 53	13 17	12 47	8 52		n.a.
S 23	22 27	12 34	0n 9	14 17	2 6	9 23	3 47	17 26	0 21	11 40	1 4	6 30	2 16	21 41	0 4	10 11	1 53	25 11	16 52	13 17	12 48	8 48		n.a.
M24	22 19	7 16	1 13	13 53	2 16	9 4	3 58	17 37	0 20	11 43	1 4	6 31	2 16	21 42	0 4	10 11	1 53	25 10	16 52	13 17	12 49	8 45		n.a.
T 25	22 10	1 44	2 14	13 30	2 27	8 46	4 10	17 48	0 19	11 45	1 4	6 32	2 15	21 42	0 4	10 11	1 53	25 9	16 52	13 17	12 50	8 42		n.a.
W26	22 1	3n52	3 9	13 8	2 37	8 29	4 21	17 59	0 19	11 47	1 5	6 32	2 15	21 43	0 4	10 11	1 53	25 8	16 51	13 16	12 51	8 38		n.a.
T 27	21 51	9 24	3 57	12 47	2 47	8 11	4 33	18 9	0 18	11 50	1 5	6 33	2 15	21 43	0 4	10 11	1 53	25 7	16 51	13 15	12 52	8 35		n.a.
F 28	21 41	14 40	4 35	12 27	2 57	7 55	4 45	18 20	0 17	11 52	1 5	6 34	2 15	21 44	0 4	10 11	1 53	25 6	16 50	13 15	12 54	8 32		n.a.
S 29	21 31	19 29	5 1	12 10	3 6	7 39	4 57	18 30	0 16	11 54	1 5	6 35	2 14	21 44	0 4	10 11	1 53	25 5	16 50	13 16	12 55	8 28		n.a.
S 30	21 20	23 34	5 13	11 54	3 16	7 23	5 9	18 40	0 15	11 56	1 5	6 37	2 14	21 45	0 4	10 11	1 53	25 4	16 50	13 16	12 56	8 25		n.a.
M31	21n 9	26n34	5n 9	11n39	3s24	7n 9	5s21	18n50	0s15	11n59	1s 5	6s38	2n14	21n45	0n 4	10s11	1n53	25n 3	16n49	13s18	12s57	8s22		n.a.

Julian Day Number = 1360006.5, Delta T = 06h59m47s
Ecliptic obliquity = 23°48'55, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°44'11, Lahiri = -17°37'10 Julian Calendar 1 July 990 BCE == Greg. Calendar 22 June 990 BCE

The year -989 astronomical counting style corresponds to year 990 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 990 BCE
geocentric

AUGUST 990 BCE (-989) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 58 7	27♋39'33	18♊54	20♌42	28♌41	24♉38	3♉57	22♎ 1	6♊17	0♏50	5♍48	25°R13	26♒15	6♓44	n.a.	T 1
W 2	20 2 4	28°37'53	3♋ 3	20°49	28°46	25°14	4° 3	22° 4	6°20	0°51	5°50	25♒ 9	26°12	6°50	n.a.	W 2
T 3	20 6 0	29°36'15	17°34	20°R50	28°49	25°51	4° 9	22° 6	6°22	0°51	5°52	25° 6	26° 8	6°57	n.a.	T 3
F 4	20 9 57	0♌34'40	2♌21	20°45	28°R50	26°27	4°14	22° 9	6°25	0°51	5°55	25° 3	26° 5	7° 4	n.a.	F 4
S 5	20 13 54	1°33'06	17°17	20°34	28°48	27° 3	4°20	22°11	6°27	0°52	5°57	25° 2	26° 2	7°10	n.a.	S 5
S 6	20 17 50	2°31'34	2♍14	20°16	28°45	27°39	4°26	22°14	6°30	0°52	5°59	25°D 2	25°59	7°17	n.a.	S 6
M 7	20 21 47	3°30'04	17° 5	19°51	28°38	28°14	4°31	22°17	6°32	0°53	6° 1	25° 3	25°56	7°24	n.a.	M 7
T 8	20 25 43	4°28'36	1♎41	19°20	28°30	28°50	4°36	22°20	6°34	0°53	6° 3	25° 4	25°53	7°30	n.a.	T 8
W 9	20 29 40	5°27'10	16° 1	18°42	28°19	29°26	4°41	22°23	6°36	0°54	6° 5	25° 6	25°49	7°37	n.a.	W 9
T 10	20 33 36	6°25'45	0♏ 0	17°57	28° 6	0♊ 1	4°46	22°26	6°39	0°54	6° 7	25°R 6	25°46	7°44	n.a.	T 10
F 11	20 37 33	7°24'22	13°40	17° 7	27°50	0°36	4°50	22°30	6°41	0°55	6° 9	25° 6	25°43	7°50	n.a.	F 11
S 12	20 41 29	8°23'01	26°59	16°12	27°32	1°11	4°55	22°33	6°43	0°55	6°11	25° 5	25°40	7°57	n.a.	S 12
S 13	20 45 26	9°21'42	10♐ 1	15°13	27°12	1°46	4°59	22°36	6°45	0°56	6°14	25° 4	25°37	8° 3	n.a.	S 13
M14	20 49 23	10°20'25	22°47	14°10	26°49	2°21	5° 3	22°40	6°47	0°57	6°16	25° 2	25°33	8°10	n.a.	M14
T 15	20 53 19	11°19'09	5♑18	13° 6	26°24	2°56	5° 7	22°44	6°49	0°57	6°18	25° 0	25°30	8°17	n.a.	T 15
W16	20 57 16	12°17'56	17°37	12° 1	25°58	3°31	5°11	22°47	6°51	0°58	6°20	24°58	25°27	8°23	n.a.	W16
T 17	21 1 12	13°16'44	29°46	10°58	25°29	4° 5	5°14	22°51	6°53	0°59	6°22	24°57	25°24	8°30	n.a.	T 17
F 18	21 5 9	14°15'35	11♒47	9°57	24°59	4°40	5°18	22°55	6°55	1° 0	6°25	24°56	25°21	8°37	n.a.	F 18
S 19	21 9 5	15°14'28	23°41	9° 1	24°28	5°14	5°21	22°59	6°57	1° 1	6°27	24°D55	25°18	8°43	n.a.	S 19
S 20	21 13 2	16°13'22	5♓31	8°11	23°54	5°48	5°24	23° 3	6°59	1° 1	6°29	24°56	25°14	8°50	n.a.	S 20
M21	21 16 58	17°12'19	17°18	7°28	23°20	6°22	5°27	23° 7	7° 0	1° 2	6°31	24°56	25°11	8°57	n.a.	M21
T 22	21 20 55	18°11'19	29° 6	6°54	22°45	6°56	5°29	23°11	7° 2	1° 3	6°34	24°57	25° 8	9° 3	n.a.	T 22
W23	21 24 51	19°10'20	10♈58	6°29	22° 9	7°30	5°32	23°15	7° 4	1° 4	6°36	24°57	25° 5	9°10	n.a.	W23
T 24	21 28 48	20° 9'24	22°57	6°13	21°33	8° 3	5°34	23°19	7° 5	1° 5	6°38	24°58	25° 2	9°17	n.a.	T 24
F 25	21 32 45	21° 8'31	5♉ 8	6°D 8	20°56	8°37	5°36	23°24	7° 7	1° 6	6°41	24°58	24°58	9°23	n.a.	F 25
S 26	21 36 41	22° 7'40	17°35	6°14	20°19	9°10	5°38	23°28	7° 8	1° 7	6°43	24°R59	24°55	9°30	n.a.	S 26
S 27	21 40 38	23° 6'51	0♊21	6°29	19°43	9°43	5°39	23°32	7°10	1° 8	6°45	24°59	24°52	9°37	n.a.	S 27
M28	21 44 34	24° 6'05	13°31	6°55	19° 7	10°16	5°41	23°37	7°11	1° 9	6°48	24°58	24°49	9°43	n.a.	M28
T 29	21 48 31	25° 5'22	27° 6	7°30	18°32	10°49	5°42	23°42	7°13	1°11	6°50	24°D58	24°46	9°50	n.a.	T 29
W30	21 52 27	26° 4'41	11♋ 9	8°14	17°58	11°21	5°43	23°46	7°14	1°12	6°52	24°59	24°43	9°57	n.a.	W30
T 31	21 56 24	27♌ 4'02	25♋38	9♌ 6	17♌25	11♊54	5♉44	23♎51	7♊15	1♏13	6♍55	24♒59	24♒39	10♓ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20n57	28n 7	4n47	11n27	3s33	6n55	5s33	19n 0	0s14	12n 1	1s 5	6s39	2n14	21n46	0n 4	10s12	1n52	25n 2	16n49	13s19	12s58	8s19			n.a.
W 2	20 45	27 55	4 8	11 18	3 41	6 42	5 45	19 10	0 13	12 3	1 5	6 40	2 13	21 46	0 4	10 12	1 52	25 1	16 49	13 20	12 59	8 15			n.a.
T 3	20 33	25 49	3 12	11 11	3 48	6 29	5 58	19 20	0 12	12 5	1 5	6 41	2 13	21 46	0 4	10 12	1 52	25 0	16 48	13 22	13 0	8 12			n.a.
F 4	20 21	21 55	2 2	11 6	3 54	6 18	6 10	19 29	0 11	12 6	1 5	6 42	2 13	21 47	0 4	10 12	1 52	24 59	16 48	13 22	13 1	8 9			n.a.
S 5	20 8	16 34	0 43	11 5	4 0	6 7	6 22	19 38	0 10	12 8	1 6	6 44	2 13	21 47	0 4	10 12	1 52	24 58	16 48	13 23	13 2	8 5			n.a.
S 6	19 54	10 13	0s40	11 6	4 4	5 57	6 33	19 47	0 9	12 10	1 6	6 45	2 12	21 48	0 4	10 12	1 52	24 56	16 48	13 23	13 3	8 2			n.a.
M 7	19 41	3 22	1 59	11 11	4 7	5 48	6 45	19 57	0 8	12 12	1 6	6 46	2 12	21 48	0 4	10 13	1 52	24 55	16 47	13 22	13 4	7 59			n.a.
T 8	19 27	3s34	3 9	11 19	4 9	5 40	6 57	20 5	0 8	12 13	1 6	6 48	2 12	21 49	0 4	10 13	1 52	24 54	16 47	13 22	13 6	7 55			n.a.
W 9	19 12	10 10	4 6	11 31	4 9	5 34	7 8	20 14	0 7	12 15	1 6	6 49	2 12	21 49	0 4	10 13	1 52	24 53	16 47	13 22	13 7	7 52			n.a.
T 10	18 58	16 6	4 46	11 46	4 8	5 28	7 19	20 23	0 6	12 16	1 6	6 50	2 11	21 49	0 4	10 13	1 52	24 52	16 46	13 21	13 8	7 49			n.a.
F 11	18 42	21 6	5 10	12 4	4 4	5 23	7 29	20 31	0 5	12 18	1 6	6 52	2 11	21 50	0 4	10 14	1 52	24 51	16 46	13 21	13 9	7 46			n.a.
S 12	18 27	24 54	5 16	12 26	3 59	5 20	7 39	20 39	0 4	12 19	1 6	6 53	2 11	21 50	0 4	10 14	1 52	24 50	16 46	13 22	13 10	7 42			n.a.
S 13	18 11	27 20	5 5	12 50	3 52	5 18	7 49	20 48	0 3	12 21	1 7	6 55	2 11	21 51	0 4	10 14	1 52	24 49	16 46	13 22	13 11	7 39			n.a.
M14	17 55	28 16	4 40	13 17	3 43	5 17	7 58	20 56	0 2	12 22	1 7	6 56	2 10	21 51	0 4	10 15	1 52	24 48	16 45	13 23	13 12	7 36			n.a.
T 15	17 39	27 44	4 2	13 46	3 31	5 17	8 7	21 3	0 1	12 23	1 7	6 58	2 10	21 51	0 4	10 15	1 52	24 47	16 45	13 24	13 13	7 32			n.a.
W16	17 23	25 49	3 12	14 17	3 18	5 18	8 15	21 11	0 0	12 24	1 7	6 59	2 10	21 52	0 4	10 15	1 51	24 46	16 45	13 24	13 14	7 29			n.a.
T 17	17 6	22 43	2 15	14 49	3 3	5 21	8 22	21 19	0n 1	12 25	1 7	7 1	2 10	21 52	0 4	10 16	1 51	24 45	16 45	13 25	13 15	7 26			n.a.
F 18	16 49	18 41	1 12	15 21	2 47	5 25	8 28	21 26	0 2	12 26	1 7	7 3	2 9	21 52	0 4	10 16	1 51	24 44	16 45	13 25	13 16	7 22			n.a.
S 19	16 31	13 57	0 7	15 53	2 29	5 30	8 34	21 33	0 3	12 27	1 7	7 4	2 9	21 53	0 4	10 16	1 51	24 43	16 44	13 25	13 18	7 19			n.a.
S 20	16 13	8 44	0n58	16 24	2 10	5 36	8 39	21 40	0 4	12 28	1 7	7 6	2 9	21 53	0 4	10 17	1 51	24 42	16 44	13 25	13 19	7 16			n.a.
M21	15 55	3 14	2 1	16 54	1 51	5 43	8 43	21 47	0 5	12 29	1 7	7 8	2 9	21 53	0 4	10 17	1 51	24 41	16 44	13 25	13 20	7 12			n.a.
T 22	15 37	2n22	2 59	17 22	1 31	5 51	8 46	21 54	0 6	12 30	1 8	7 10	2 9	21 54	0 4	10 17	1 51	24 40	16 44	13 25	13 21	7 9			n.a.
W23	15 18	7 54	3 49	17 47	1 12	6 1	8 49	22 1	0 7	12 31	1 8	7 11	2 8	21 54	0 4	10 18	1 51	24 38	16 44	13 24	13 22	7 6			n.a.
T 24	15 0	13 13	4 30	18 10	0 52	6 11	8 50	22 7	0 8	12 31	1 8	7 13	2 8	21 54	0 4	10 18	1 51	24 37	16 44	13 24	13 23	7 2			n.a.
F 25	14 41	18 7	4 59	18 29	0 34	6 22	8 50	22 14	0 9	12 32	1 8	7 15	2 8	21 54	0 4	10 19	1 51	24 36	16 44	13 24	13 24	6 59			n.a.
S 26	14 21	22 22	5 15	18 46	0 15	6 34	8 50	22 20	0 10	12 32	1 8	7 17	2 8	21 55	0 4	10 19	1 51	24 35	16 43	13 24	13 25	6 56			n.a.
S 27	14 2	25 41	5 16	18 58	0n 2	6 47	8 48	22 26	0 11	12 33	1 8	7 19	2 7	21 55	0 4	10 19	1 51	24 34	16 43	13 24	13 26	6 52			n.a.
M28	13 42	27 46	5 1	19 7	0 18	7 0	8 46	22 32	0 12	12 33	1 8	7 21	2 7	21 55	0 4	10 20	1 51	24 33	16 43	13 24	13 27	6 49			n.a.
T 29	13 22	28 16	4 29	19 13	0 33	7 14	8 42	22 38	0 13	12 33	1 8	7 23	2 7	21 55	0 4	10 20	1 51	24 32	16 43	13 24	13 28	6 46			n.a.
W30	13 1	27 0	3 40	19 14	0 47	7 28	8 38	22 44	0 14	12 34	1 8	7 24	2 7	21 56	0 4	10 21	1 51	24 31	16 43	13 24	13 29	6 42			n.a.
T 31	12n41	23n54	2n36	19n12	0n59	7n43	8s33	22n49	0n15	12n34	1s 9	7s26	2n 7	21n56	0n 4	10s21	1n51	24n30	16n43	13s24	13s30	6s39			n.a.

Julian Day Number = 1360037.5, Delta T = 06h59m46s
Ecliptic obliquity = 23°48'55, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°44'07, Lahiri = -17°37'06 Julian Calendar 1 Aug. 990 BCE == Greg. Calendar 23 July 990 BCE

The year -989 astronomical counting style corresponds to year 990 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 990 BCE
geocentric

SEPTEMBER 990 BCE (-989) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 0 20	28♌ 3'26	10♌28	10♌ 6	16°R53	12♊26	5♉45	23♎56	7♊17	1♏14	6♍57	24♒59	24♒36	10♓10	n.a.	F 1
S 2	22 4 17	29° 2'51	25°34	11°13	16♌23	12°58	5°45	24° 1	7°18	1°15	6°59	24°R59	24°33	10°16	n.a.	S 2
S 3	22 8 14	0♍ 2'19	10♍46	12°26	15°54	13°30	5°45	24° 6	7°19	1°17	7° 2	24°59	24°30	10°23	n.a.	S 3
M 4	22 12 10	1° 1'49	25°54	13°44	15°28	14° 2	5°R45	24°11	7°20	1°18	7° 4	24°58	24°27	10°30	n.a.	M 4
T 5	22 16 7	2° 1'22	10♎51	15° 7	15° 3	14°34	5°45	24°16	7°21	1°19	7° 6	24°58	24°24	10°36	n.a.	T 5
W 6	22 20 3	3° 0'56	25°27	16°34	14°41	15° 5	5°45	24°21	7°22	1°21	7° 9	24°57	24°20	10°43	n.a.	W 6
T 7	22 24 0	4° 0'32	9♏40	18° 5	14°20	15°36	5°44	24°26	7°23	1°22	7°11	24°56	24°17	10°50	n.a.	T 7
F 8	22 27 56	5° 0'10	23°26	19°38	14° 2	16° 8	5°43	24°32	7°24	1°24	7°14	24°55	24°14	10°56	n.a.	F 8
S 9	22 31 53	5°59'49	6♐47	21°13	13°46	16°38	5°43	24°37	7°24	1°25	7°16	24°D55	24°11	11° 3	n.a.	S 9
S 10	22 35 49	6°59'31	19°44	22°51	13°33	17° 9	5°41	24°43	7°25	1°26	7°18	24°55	24° 8	11°10	n.a.	S 10
M11	22 39 46	7°59'15	2♑21	24°30	13°22	17°40	5°40	24°48	7°26	1°28	7°21	24°56	24° 4	11°16	n.a.	M11
T 12	22 43 42	8°59'00	14°41	26°10	13°14	18°10	5°38	24°54	7°26	1°30	7°23	24°57	24° 1	11°23	n.a.	T 12
W13	22 47 39	9°58'48	26°48	27°50	13° 8	18°40	5°37	24°59	7°27	1°31	7°26	24°59	23°58	11°30	n.a.	W13
T 14	22 51 36	10°58'37	8♒47	29°32	13° 4	19°10	5°35	25° 5	7°27	1°33	7°28	25° 0	23°55	11°36	n.a.	T 14
F 15	22 55 32	11°58'28	20°39	1♍14	13°D 3	19°39	5°32	25°10	7°28	1°34	7°30	25°R 1	23°52	11°43	n.a.	F 15
S 16	22 59 29	12°58'21	2♓28	2°56	13° 4	20° 9	5°30	25°16	7°28	1°36	7°33	25° 0	23°49	11°50	n.a.	S 16
S 17	23 3 25	13°58'16	14°16	4°38	13° 8	20°38	5°28	25°22	7°29	1°38	7°35	24°59	23°45	11°56	n.a.	S 17
M18	23 7 22	14°58'13	26° 5	6°20	13°14	21° 7	5°25	25°28	7°29	1°39	7°38	24°57	23°42	12° 3	n.a.	M18
T 19	23 11 18	15°58'13	7♈57	8° 2	13°22	21°36	5°22	25°34	7°29	1°41	7°40	24°54	23°39	12°10	n.a.	T 19
W20	23 15 15	16°58'14	19°55	9°44	13°32	22° 5	5°19	25°40	7°29	1°43	7°42	24°51	23°36	12°16	n.a.	W20
T 21	23 19 11	17°58'18	2♉ 1	11°26	13°45	22°33	5°15	25°46	7°30	1°44	7°45	24°47	23°33	12°23	n.a.	T 21
F 22	23 23 8	18°58'23	14°16	13° 7	14° 0	23° 1	5°12	25°52	7°30	1°46	7°47	24°43	23°30	12°29	n.a.	F 22
S 23	23 27 4	19°58'32	26°45	14°48	14°16	23°29	5° 8	25°58	7°R30	1°48	7°49	24°40	23°26	12°36	n.a.	S 23
S 24	23 31 1	20°58'42	9♊29	16°28	14°35	23°56	5° 4	26° 4	7°30	1°50	7°52	24°38	23°23	12°43	n.a.	S 24
M25	23 34 58	21°58'55	22°32	18° 8	14°56	24°24	5° 0	26°10	7°30	1°52	7°54	24°D38	23°20	12°49	n.a.	M25
T 26	23 38 54	22°59'10	5♋58	19°48	15°19	24°51	4°56	26°16	7°30	1°53	7°56	24°38	23°17	12°56	n.a.	T 26
W27	23 42 51	23°59'27	19°48	21°27	15°43	25°18	4°51	26°23	7°29	1°55	7°59	24°40	23°14	13° 3	n.a.	W27
T 28	23 46 47	24°59'46	4♌ 2	23° 6	16° 9	25°44	4°47	26°29	7°29	1°57	8° 1	24°41	23°10	13° 9	n.a.	T 28
F 29	23 50 44	26° 0'07	18°40	24°44	16°37	26°11	4°42	26°35	7°29	1°59	8° 3	24°R42	23° 7	13°16	n.a.	F 29
S 30	23 54 40	27♍ 0'31	3♍37	26♍22	17♌ 7	26♊37	4♉37	26♎42	7♊29	2♏ 1	8♍ 6	24♒42	23♒ 4	13♓23	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n20	19n10	1n20	19n 7	1n10	7n58	8s27	22n55	0n16	12n34	1s 9	7s28	2n 6	21n56	0n 4	10s22	1n50	24n29	16n43	13s24	13s32	6s36		n.a.
S 2	11 59	13 9	0s 3	18 58	1 20	8 14	8 20	23 0	0 18	12 34	1 9	7 30	2 6	21 56	0 4	10 22	1 50	24 28	16 43	13 24	13 33	6 33		n.a.
S 3	11 38	6 19	1 27	18 45	1 28	8 29	8 12	23 5	0 19	12 34	1 9	7 32	2 6	21 57	0 4	10 23	1 50	24 27	16 43	13 24	13 34	6 29		n.a.
M 4	11 17	0s51	2 44	18 29	1 36	8 45	8 4	23 10	0 20	12 34	1 9	7 35	2 6	21 57	0 4	10 23	1 50	24 26	16 43	13 24	13 35	6 26		n.a.
T 5	10 55	7 51	3 48	18 11	1 42	9 0	7 55	23 15	0 21	12 34	1 9	7 37	2 6	21 57	0 4	10 24	1 50	24 25	16 43	13 24	13 36	6 23		n.a.
W 6	10 33	14 16	4 36	17 49	1 47	9 16	7 46	23 20	0 22	12 33	1 9	7 39	2 5	21 57	0 4	10 24	1 50	24 24	16 43	13 25	13 37	6 19		n.a.
T 7	10 12	19 46	5 6	17 25	1 51	9 31	7 36	23 25	0 23	12 33	1 9	7 41	2 5	21 57	0 4	10 25	1 50	24 24	16 43	13 25	13 38	6 16		n.a.
F 8	9 49	24 2	5 17	16 58	1 54	9 46	7 25	23 29	0 24	12 33	1 9	7 43	2 5	21 57	0 4	10 25	1 50	24 23	16 43	13 25	13 39	6 13		n.a.
S 9	9 27	26 53	5 11	16 29	1 56	10 1	7 14	23 34	0 26	12 32	1 10	7 45	2 5	21 58	0 4	10 26	1 50	24 22	16 43	13 25	13 40	6 9		n.a.
S 10	9 5	28 12	4 48	15 58	1 57	10 15	7 3	23 38	0 27	12 32	1 10	7 47	2 5	21 58	0 4	10 27	1 50	24 21	16 43	13 25	13 41	6 6		n.a.
M11	8 42	28 0	4 12	15 25	1 58	10 30	6 52	23 42	0 28	12 31	1 10	7 49	2 4	21 58	0 4	10 27	1 50	24 20	16 43	13 25	13 42	6 3		n.a.
T 12	8 20	26 24	3 25	14 50	1 58	10 43	6 40	23 46	0 29	12 31	1 10	7 52	2 4	21 58	0 4	10 28	1 50	24 19	16 43	13 24	13 43	5 59		n.a.
W13	7 57	23 35	2 30	14 14	1 57	10 57	6 28	23 50	0 31	12 30	1 10	7 54	2 4	21 58	0 4	10 28	1 50	24 18	16 43	13 24	13 44	5 56		n.a.
T 14	7 34	19 46	1 29	13 36	1 55	11 9	6 16	23 54	0 32	12 29	1 10	7 56	2 4	21 58	0 4	10 29	1 50	24 17	16 43	13 24	13 45	5 52		n.a.
F 15	7 11	15 13	0 24	12 58	1 53	11 21	6 3	23 57	0 33	12 29	1 10	7 58	2 4	21 58	0 4	10 30	1 50	24 16	16 43	13 23	13 47	5 49		n.a.
S 16	6 47	10 7	0n41	12 18	1 50	11 33	5 51	24 1	0 34	12 28	1 10	8 1	2 4	21 58	0 4	10 30	1 50	24 15	16 43	13 23	13 48	5 46		n.a.
S 17	6 24	4 41	1 44	11 37	1 47	11 44	5 38	24 4	0 36	12 27	1 10	8 3	2 3	21 58	0 4	10 31	1 50	24 14	16 43	13 24	13 49	5 42		n.a.
M18	6 1	0n55	2 43	10 56	1 44	11 54	5 26	24 8	0 37	12 26	1 10	8 5	2 3	21 58	0 4	10 31	1 50	24 14	16 43	13 24	13 50	5 39		n.a.
T 19	5 37	6 29	3 35	10 14	1 40	12 4	5 13	24 11	0 38	12 25	1 10	8 8	2 3	21 59	0 4	10 32	1 49	24 13	16 43	13 25	13 51	5 36		n.a.
W20	5 13	11 53	4 18	9 31	1 36	12 13	5 1	24 14	0 40	12 23	1 11	8 10	2 3	21 59	0 4	10 33	1 49	24 12	16 43	13 27	13 52	5 32		n.a.
T 21	4 50	16 53	4 50	8 47	1 31	12 22	4 48	24 17	0 41	12 22	1 11	8 12	2 3	21 59	0 4	10 33	1 49	24 11	16 43	13 28	13 53	5 29		n.a.
F 22	4 26	21 17	5 9	8 4	1 26	12 29	4 36	24 20	0 42	12 21	1 11	8 15	2 3	21 59	0 4	10 34	1 49	24 10	16 43	13 29	13 54	5 26		n.a.
S 23	4 2	24 49	5 14	7 19	1 21	12 36	4 24	24 23	0 44	12 20	1 11	8 17	2 3	21 59	0 5	10 35	1 49	24 9	16 43	13 30	13 55	5 22		n.a.
S 24	3 38	27 13	5 4	6 35	1 16	12 42	4 11	24 26	0 45	12 18	1 11	8 19	2 2	21 59	0 5	10 35	1 49	24 9	16 44	13 31	13 56	5 19		n.a.
M25	3 14	28 13	4 38	5 50	1 10	12 48	3 59	24 28	0 47	12 17	1 11	8 22	2 2	21 59	0 5	10 36	1 49	24 8	16 44	13 31	13 57	5 16		n.a.
T 26	2 50	27 37	3 56	5 5	1 4	12 53	3 47	24 31	0 48	12 15	1 11	8 24	2 2	21 59	0 5	10 37	1 49	24 7	16 44	13 31	13 58	5 12		n.a.
W27	2 25	25 18	3 0	4 20	0 59	12 57	3 36	24 33	0 49	12 14	1 11	8 27	2 2	21 59	0 5	10 37	1 49	24 6	16 44	13 30	13 59	5 9		n.a.
T 28	2 1	21 21	1 51	3 35	0 53	13 0	3 24	24 36	0 51	12 12	1 11	8 29	2 2	21 59	0 5	10 38	1 49	24 5	16 44	13 30	14 0	5 6		n.a.
F 29	1 37	15 59	0 33	2 50	0 46	13 3	3 13	24 38	0 52	12 11	1 11	8 31	2 2	21 59	0 5	10 39	1 49	24 5	16 44	13 30	14 1	5 2		n.a.
S 30	1n12	9n35	0s49	2n 5	0n40	13n 4	3s 1	24n40	0n54	12n 9	1s11	8s34	2n 2	21n59	0n 5	10s40	1n49	24n 4	16n45	13s30	14s 2	4s59		n.a.

Julian Day Number = 1360068.5, Delta T = 06h59m44s
Ecliptic obliquity = 23°48'55, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°44'02, Lahiri = -17°37'02 Julian Calendar 1 Sept. 990 BCE == Greg. Calendar 23 Aug. 990 BCE

The year -989 astronomical counting style corresponds to year 990 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 990 BCE
geocentric

OCTOBER 990 BCE (-989) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 58 37	28♍ 0'56	18♍47	27♍59	17♌38	27♊ 2	4°R32	26♎48	7°R28	2♏ 3	8♍ 8	24°R40	23♒ 1	13♓29	n.a.	S 1
M 2	0 2 33	29° 1'23	3♎59	29°36	18°11	27°28	4♉26	26°54	7♊28	2° 5	8°10	24♒37	22°58	13°36	n.a.	M 2
T 3	0 6 30	0♎ 1'52	19° 5	1♎13	18°45	27°53	4°21	27° 1	7°27	2° 7	8°12	24°32	22°55	13°43	n.a.	T 3
W 4	0 10 27	1° 2'23	3♏54	2°49	19°20	28°18	4°15	27° 7	7°27	2° 9	8°15	24°26	22°51	13°49	n.a.	W 4
T 5	0 14 23	2° 2'55	18°20	4°25	19°57	28°42	4° 9	27°14	7°26	2°11	8°17	24°21	22°48	13°56	n.a.	T 5
F 6	0 18 20	3° 3'29	2♐17	6° 1	20°35	29° 6	4° 3	27°21	7°25	2°13	8°19	24°16	22°45	14° 3	n.a.	F 6
S 7	0 22 16	4° 4'04	15°45	7°36	21°15	29°30	3°57	27°27	7°25	2°15	8°21	24°12	22°42	14° 9	n.a.	S 7
S 8	0 26 13	5° 4'41	28°46	9°11	21°55	29°54	3°51	27°34	7°24	2°17	8°24	24°11	22°39	14°16	n.a.	S 8
M 9	0 30 9	6° 5'19	11♑22	10°46	22°37	0♋17	3°45	27°41	7°23	2°19	8°26	24°D11	22°36	14°23	n.a.	M 9
T 10	0 34 6	7° 5'59	23°39	12°20	23°20	0°40	3°38	27°47	7°22	2°21	8°28	24°12	22°32	14°29	n.a.	T 10
W11	0 38 2	8° 6'39	5♒42	13°54	24° 4	1° 2	3°32	27°54	7°21	2°23	8°30	24°13	22°29	14°36	n.a.	W11
T 12	0 41 59	9° 7'21	17°35	15°28	24°49	1°24	3°25	28° 1	7°20	2°25	8°32	24°15	22°26	14°43	n.a.	T 12
F 13	0 45 56	10° 8'05	29°23	17° 1	25°35	1°46	3°18	28° 8	7°19	2°27	8°34	24°R15	22°23	14°49	n.a.	F 13
S 14	0 49 52	11° 8'49	11♓10	18°34	26°22	2° 7	3°11	28°14	7°18	2°30	8°36	24°13	22°20	14°56	n.a.	S 14
S 15	0 53 49	12° 9'35	22°59	20° 8	27°10	2°28	3° 4	28°21	7°17	2°32	8°39	24° 9	22°16	15° 3	n.a.	S 15
M16	0 57 45	13°10'23	4♈53	21°40	27°58	2°49	2°56	28°28	7°16	2°34	8°41	24° 3	22°13	15° 9	n.a.	M16
T 17	1 1 42	14°11'11	16°54	23°13	28°48	3° 9	2°49	28°35	7°15	2°36	8°43	23°54	22°10	15°16	n.a.	T 17
W18	1 5 38	15°12'02	29° 2	24°46	29°38	3°29	2°42	28°42	7°13	2°38	8°45	23°44	22° 7	15°23	n.a.	W18
T 19	1 9 35	16°12'53	11♉20	26°18	0♍30	3°48	2°34	28°49	7°12	2°40	8°47	23°34	22° 4	15°29	n.a.	T 19
F 20	1 13 31	17°13'46	23°48	27°50	1°22	4° 7	2°26	28°56	7°11	2°43	8°49	23°24	22° 1	15°36	n.a.	F 20
S 21	1 17 28	18°14'41	6♊27	29°22	2°15	4°26	2°19	29° 2	7° 9	2°45	8°51	23°15	21°57	15°43	n.a.	S 21
S 22	1 21 25	19°15'37	19°19	0♏54	3° 8	4°44	2°11	29° 9	7° 8	2°47	8°53	23° 9	21°54	15°49	n.a.	S 22
M23	1 25 21	20°16'35	2♋24	2°25	4° 2	5° 2	2° 3	29°16	7° 6	2°49	8°55	23° 5	21°51	15°56	n.a.	M23
T 24	1 29 18	21°17'34	15°46	3°57	4°57	5°19	1°55	29°23	7° 5	2°51	8°57	23°D 3	21°48	16° 2	n.a.	T 24
W25	1 33 14	22°18'35	29°25	5°28	5°53	5°35	1°47	29°30	7° 3	2°54	8°58	23° 3	21°45	16° 9	n.a.	W25
T 26	1 37 11	23°19'37	13♌24	6°59	6°49	5°52	1°39	29°37	7° 2	2°56	9° 0	23° 4	21°41	16°16	n.a.	T 26
F 27	1 41 7	24°20'40	27°42	8°29	7°46	6° 7	1°31	29°44	7° 0	2°58	9° 2	23°R 4	21°38	16°22	n.a.	F 27
S 28	1 45 4	25°21'45	12♍19	10° 0	8°43	6°22	1°23	29°51	6°58	3° 0	9° 4	23° 3	21°35	16°29	n.a.	S 28
S 29	1 49 0	26°22'50	27° 9	11°30	9°41	6°37	1°15	29°58	6°56	3° 3	9° 6	22°59	21°32	16°36	n.a.	S 29
M30	1 52 57	27°23'57	12♎ 7	12°59	10°39	6°51	1° 7	0♏ 5	6°55	3° 5	9° 7	22°52	21°29	16°42	n.a.	M30
T 31	1 56 54	28♎25'05	27♎ 4	14♏28	11♍38	7♋ 5	0♉59	0♏12	6♊53	3♏ 7	9♍ 9	22♒43	21♒26	16♓49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n48	2n33	2s 8	1n20	0n34	13n 6	2s50	24n42	0n55	12n 7	1s11	8s36	2n 1	21n58	0n 5	10s40	1n49	24n 3	16n45	13s30	14s 4	4s56		n.a.
M 2	0 24	4s38	3 18	0 35	0 28	13 6	2 39	24 44	0 57	12 5	1 11	8 39	2 1	21 58	0 5	10 41	1 49	24 3	16 45	13 31	14 5	4 52		n.a.
T 3	0s 1	11 29	4 14	0s10	0 21	13 6	2 28	24 46	0 58	12 3	1 11	8 41	2 1	21 58	0 5	10 42	1 49	24 2	16 45	13 33	14 6	4 49		n.a.
W 4	0 25	17 34	4 51	0 55	0 15	13 5	2 18	24 48	1 0	12 1	1 11	8 44	2 1	21 58	0 5	10 42	1 49	24 1	16 45	13 35	14 7	4 46		n.a.
T 5	0 50	22 30	5 9	1 40	0 8	13 3	2 7	24 50	1 2	11 59	1 11	8 46	2 1	21 58	0 5	10 43	1 49	24 1	16 46	13 37	14 8	4 42		n.a.
F 6	1 14	25 58	5 8	2 24	0 2	13 0	1 57	24 52	1 3	11 57	1 11	8 49	2 1	21 58	0 5	10 44	1 49	24 0	16 46	13 38	14 9	4 39		n.a.
S 7	1 38	27 50	4 49	3 8	0s 5	12 57	1 47	24 54	1 5	11 55	1 11	8 51	2 1	21 58	0 5	10 45	1 49	23 59	16 46	13 40	14 10	4 36		n.a.
S 8	2 3	28 5	4 16	3 52	0 12	12 53	1 37	24 55	1 7	11 53	1 11	8 54	2 1	21 58	0 5	10 45	1 49	23 59	16 46	13 40	14 11	4 32		n.a.
M 9	2 27	26 50	3 32	4 36	0 18	12 49	1 28	24 57	1 8	11 51	1 11	8 56	2 1	21 58	0 5	10 46	1 49	23 58	16 47	13 40	14 12	4 29		n.a.
T 10	2 52	24 18	2 38	5 19	0 25	12 43	1 18	24 59	1 10	11 49	1 11	8 59	2 0	21 58	0 5	10 47	1 49	23 57	16 47	13 40	14 13	4 25		n.a.
W11	3 16	20 44	1 39	6 2	0 31	12 37	1 9	25 0	1 12	11 46	1 11	9 1	2 0	21 57	0 5	10 48	1 49	23 57	16 47	13 39	14 14	4 22		n.a.
T 12	3 40	16 23	0 36	6 45	0 37	12 31	1 0	25 2	1 13	11 44	1 11	9 4	2 0	21 57	0 5	10 48	1 49	23 56	16 47	13 39	14 15	4 19		n.a.
F 13	4 4	11 26	0n28	7 27	0 44	12 23	0 51	25 3	1 15	11 42	1 11	9 6	2 0	21 57	0 5	10 49	1 49	23 56	16 48	13 39	14 16	4 15		n.a.
S 14	4 29	6 6	1 30	8 9	0 50	12 15	0 43	25 5	1 17	11 39	1 11	9 9	2 0	21 57	0 5	10 50	1 49	23 55	16 48	13 39	14 17	4 12		n.a.
S 15	4 53	0 33	2 29	8 51	0 56	12 7	0 34	25 6	1 19	11 37	1 11	9 11	2 0	21 57	0 5	10 51	1 49	23 55	16 48	13 41	14 18	4 9		n.a.
M16	5 17	5n 2	3 21	9 32	1 2	11 57	0 26	25 7	1 20	11 34	1 11	9 14	2 0	21 57	0 5	10 51	1 48	23 54	16 49	13 43	14 19	4 5		n.a.
T 17	5 41	10 30	4 5	10 13	1 8	11 47	0 18	25 9	1 22	11 32	1 11	9 17	2 0	21 56	0 5	10 52	1 48	23 53	16 49	13 46	14 20	4 2		n.a.
W18	6 5	15 37	4 38	10 53	1 14	11 37	0 10	25 10	1 24	11 29	1 11	9 19	2 0	21 56	0 5	10 53	1 48	23 53	16 49	13 49	14 21	3 59		n.a.
T 19	6 28	20 11	4 59	11 32	1 20	11 26	0 3	25 11	1 26	11 27	1 11	9 22	2 0	21 56	0 5	10 54	1 48	23 53	16 50	13 53	14 22	3 55		n.a.
F 20	6 52	23 56	5 5	12 11	1 25	11 14	0n 5	25 13	1 28	11 24	1 11	9 24	2 0	21 56	0 5	10 55	1 48	23 52	16 50	13 56	14 23	3 52		n.a.
S 21	7 16	26 36	4 58	12 50	1 30	11 1	0 12	25 14	1 30	11 21	1 11	9 27	1 59	21 56	0 5	10 55	1 48	23 52	16 50	13 59	14 25	3 49		n.a.
S 22	7 39	27 56	4 35	13 27	1 36	10 48	0 19	25 15	1 32	11 19	1 11	9 29	1 59	21 55	0 5	10 56	1 48	23 51	16 51	14 1	14 26	3 45		n.a.
M23	8 3	27 45	3 57	14 4	1 41	10 35	0 26	25 17	1 34	11 16	1 11	9 32	1 59	21 55	0 5	10 57	1 48	23 51	16 51	14 2	14 27	3 42		n.a.
T 24	8 26	25 57	3 6	14 41	1 45	10 20	0 32	25 18	1 36	11 13	1 11	9 34	1 59	21 55	0 5	10 58	1 48	23 50	16 52	14 3	14 28	3 39		n.a.
W25	8 49	22 36	2 3	15 16	1 50	10 6	0 39	25 19	1 38	11 11	1 11	9 37	1 59	21 55	0 5	10 58	1 48	23 50	16 52	14 3	14 29	3 35		n.a.
T 26	9 12	17 53	0 52	15 51	1 54	9 50	0 45	25 21	1 40	11 8	1 11	9 40	1 59	21 54	0 5	10 59	1 48	23 50	16 52	14 3	14 30	3 32		n.a.
F 27	9 35	12 4	0s25	16 25	1 58	9 34	0 51	25 22	1 42	11 5	1 10	9 42	1 59	21 54	0 5	11 0	1 48	23 49	16 53	14 2	14 31	3 28		n.a.
S 28	9 58	5 30	1 41	16 58	2 2	9 18	0 57	25 23	1 44	11 3	1 10	9 45	1 59	21 54	0 5	11 1	1 48	23 49	16 53	14 3	14 32	3 25		n.a.
S 29	10 20	1s28	2 51	17 30	2 6	9 1	1 2	25 25	1 46	11 0	1 10	9 47	1 59	21 54	0 5	11 2	1 48	23 49	16 54	14 4	14 33	3 22		n.a.
M30	10 43	8 23	3 50	18 1	2 9	8 44	1 8	25 26	1 48	10 57	1 10	9 50	1 59	21 53	0 5	11 2	1 48	23 48	16 54	14 7	14 34	3 18		n.a.
T 31	11s 5	14s49	4s33	18s31	2s12	8n26	1n13	25n27	1n50	10n54	1s10	9s52	1n59	21n53	0n 5	11s 3	1n48	23n48	16n54	14s10	14s35	3s15		n.a.

Julian Day Number = 1360098.5, Delta T = 06h59m43s
Ecliptic obliquity = 23°48'56, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°43'58, Lahiri = -17°36'58 Julian Calendar 1 Oct. 990 BCE == Greg. Calendar 22 Sept. 990 BCE

The year -989 astronomical counting style corresponds to year 990 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 990 BCE
geocentric

NOVEMBER 990 BCE (-989) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 0 50	29♎26'14	11♏50	15♏57	12♍38	7♋18	0°R50	0♏19	6°R51	3♏ 9	9♍11	22°R32	21♒22	16♓56	n.a.	W 1
T 2	2 4 47	0♏27'24	26°17	17°25	13°38	7°30	0♉42	0°26	6♊49	3°12	9°13	22♒21	21°19	17° 2	n.a.	T 2
F 3	2 8 43	1°28'35	10♐20	18°52	14°38	7°42	0°34	0°33	6°47	3°14	9°14	22°11	21°16	17° 9	n.a.	F 3
S 4	2 12 40	2°29'46	23°54	20°18	15°39	7°54	0°26	0°40	6°45	3°16	9°16	22° 3	21°13	17°16	n.a.	S 4
S 5	2 16 36	3°30'58	7♑ 1	21°43	16°40	8° 4	0°18	0°48	6°43	3°18	9°18	21°57	21°10	17°22	n.a.	S 5
M 6	2 20 33	4°32'11	19°41	23° 6	17°42	8°14	0°10	0°55	6°41	3°21	9°19	21°54	21° 7	17°29	n.a.	M 6
T 7	2 24 29	5°33'23	2♒ 1	24°28	18°44	8°24	0° 1	1° 2	6°39	3°23	9°21	21°D53	21° 3	17°36	n.a.	T 7
W 8	2 28 26	6°34'36	14° 4	25°48	19°46	8°33	29♈53	1° 9	6°37	3°25	9°22	21°53	21° 0	17°42	n.a.	W 8
T 9	2 32 23	7°35'50	25°57	27° 7	20°49	8°41	29°45	1°16	6°35	3°27	9°24	21°R53	20°57	17°49	n.a.	T 9
F 10	2 36 19	8°37'03	7♓44	28°22	21°52	8°48	29°37	1°23	6°32	3°30	9°25	21°52	20°54	17°56	n.a.	F 10
S 11	2 40 16	9°38'17	19°32	29°35	22°55	8°55	29°29	1°30	6°30	3°32	9°27	21°49	20°51	18° 2	n.a.	S 11
S 12	2 44 12	10°39'31	1♈23	0♐44	23°59	9° 2	29°21	1°37	6°28	3°34	9°28	21°43	20°47	18° 9	n.a.	S 12
M13	2 48 9	11°40'46	13°23	1°50	25° 3	9° 7	29°14	1°43	6°26	3°36	9°29	21°34	20°44	18°16	n.a.	M13
T 14	2 52 5	12°42'00	25°33	2°51	26° 8	9°12	29° 6	1°50	6°23	3°39	9°31	21°22	20°41	18°22	n.a.	T 14
W15	2 56 2	13°43'15	7♉55	3°46	27°13	9°16	28°58	1°57	6°21	3°41	9°32	21° 9	20°38	18°29	n.a.	W15
T 16	2 59 59	14°44'31	20°30	4°36	28°18	9°20	28°50	2° 4	6°19	3°43	9°33	20°54	20°35	18°36	n.a.	T 16
F 17	3 3 55	15°45'46	3♊17	5°19	29°23	9°22	28°43	2°11	6°16	3°45	9°35	20°40	20°32	18°42	n.a.	F 17
S 18	3 7 52	16°47'03	16°15	5°54	0♎29	9°24	28°35	2°18	6°14	3°48	9°36	20°28	20°28	18°49	n.a.	S 18
S 19	3 11 48	17°48'19	29°24	6°21	1°35	9°25	28°28	2°25	6°12	3°50	9°37	20°19	20°25	18°56	n.a.	S 19
M20	3 15 45	18°49'36	12♋44	6°38	2°41	9°R26	28°21	2°32	6° 9	3°52	9°38	20°12	20°22	19° 2	n.a.	M20
T 21	3 19 41	19°50'53	26°14	6°R44	3°47	9°26	28°14	2°39	6° 7	3°54	9°39	20° 9	20°19	19° 9	n.a.	T 21
W22	3 23 38	20°52'11	9♌55	6°40	4°54	9°24	28° 7	2°45	6° 4	3°56	9°41	20° 7	20°16	19°16	n.a.	W22
T 23	3 27 34	21°53'29	23°48	6°24	6° 1	9°23	28° 0	2°52	6° 2	3°59	9°42	20° 7	20°13	19°22	n.a.	T 23
F 24	3 31 31	22°54'47	7♍52	5°57	7° 8	9°20	27°53	2°59	5°59	4° 1	9°43	20° 7	20° 9	19°29	n.a.	F 24
S 25	3 35 28	23°56'05	22° 9	5°17	8°15	9°16	27°46	3° 6	5°57	4° 3	9°44	20° 5	20° 6	19°36	n.a.	S 25
S 26	3 39 24	24°57'24	6♎34	4°27	9°23	9°12	27°40	3°12	5°54	4° 5	9°45	20° 0	20° 3	19°42	n.a.	S 26
M27	3 43 21	25°58'42	21° 6	3°26	10°31	9° 7	27°34	3°19	5°52	4° 7	9°46	19°53	20° 0	19°49	n.a.	M27
T 28	3 47 17	27° 0'01	5♏38	2°17	11°39	9° 1	27°27	3°26	5°49	4° 9	9°46	19°42	19°57	19°56	n.a.	T 28
W29	3 51 14	28° 1'20	20° 4	1° 2	12°47	8°54	27°21	3°32	5°46	4°12	9°47	19°30	19°53	20° 2	n.a.	W29
T 30	3 55 10	29♏ 2'39	4♐16	29♏42	13♎55	8♋47	27♈15	3♏39	5♊44	4♏14	9♍48	19♒17	19♒50	20♓ 9	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s27	20s20	4s57	19s 0	2s14	8n 8	1n18	25n29	1n52	10n51	1s10	9s55	1n59	21n53	0n 5	11s 4	1n48	23n48	16n55	14s13	14s36	3s12		n.a.
T 2	11 49	24 31	5 2	19 28	2 16	7 49	1 23	25 30	1 55	10 49	1 10	9 57	1 59	21 52	0 5	11 5	1 48	23 47	16 55	14 17	14 37	3 8		n.a.
F 3	12 10	27 5	4 48	19 54	2 18	7 30	1 28	25 32	1 57	10 46	1 10	10 0	1 59	21 52	0 5	11 6	1 48	23 47	16 56	14 20	14 38	3 5		n.a.
S 4	12 32	27 58	4 18	20 19	2 19	7 10	1 33	25 33	1 59	10 43	1 9	10 2	1 59	21 52	0 5	11 6	1 48	23 47	16 56	14 23	14 39	3 2		n.a.
S 5	12 53	27 12	3 35	20 43	2 19	6 50	1 37	25 35	2 1	10 40	1 9	10 5	1 59	21 51	0 5	11 7	1 48	23 47	16 57	14 25	14 40	2 58		n.a.
M 6	13 14	25 1	2 42	21 5	2 19	6 29	1 41	25 37	2 4	10 38	1 9	10 7	1 59	21 51	0 5	11 8	1 48	23 46	16 57	14 26	14 41	2 55		n.a.
T 7	13 35	21 42	1 44	21 25	2 19	6 8	1 45	25 38	2 6	10 35	1 9	10 10	1 59	21 51	0 5	11 9	1 48	23 46	16 58	14 26	14 42	2 52		n.a.
W 8	13 55	17 32	0 41	21 44	2 17	5 47	1 49	25 40	2 8	10 32	1 9	10 12	1 59	21 50	0 5	11 9	1 48	23 46	16 58	14 26	14 43	2 48		n.a.
T 9	14 16	12 44	0n22	22 1	2 15	5 25	1 53	25 42	2 11	10 29	1 9	10 15	1 59	21 50	0 5	11 10	1 48	23 46	16 59	14 26	14 44	2 45		n.a.
F 10	14 36	7 31	1 23	22 16	2 13	5 3	1 56	25 44	2 13	10 27	1 9	10 17	1 59	21 50	0 5	11 11	1 48	23 46	16 59	14 26	14 45	2 42		n.a.
S 11	14 56	2 3	2 21	22 28	2 9	4 41	2 0	25 46	2 16	10 24	1 8	10 20	1 59	21 49	0 5	11 12	1 48	23 46	17 0	14 27	14 46	2 38		n.a.
S 12	15 15	3n30	3 13	22 39	2 4	4 18	2 3	25 48	2 18	10 21	1 8	10 22	1 59	21 49	0 5	11 13	1 48	23 46	17 0	14 29	14 47	2 35		n.a.
M13	15 34	8 59	3 57	22 48	1 59	3 55	2 6	25 50	2 21	10 19	1 8	10 25	1 59	21 48	0 5	11 13	1 48	23 46	17 1	14 32	14 48	2 31		n.a.
T 14	15 54	14 13	4 30	22 53	1 52	3 32	2 9	25 52	2 23	10 16	1 8	10 27	1 59	21 48	0 5	11 14	1 48	23 45	17 1	14 36	14 49	2 28		n.a.
W15	16 12	18 57	4 52	22 57	1 45	3 8	2 12	25 54	2 26	10 14	1 8	10 29	1 59	21 48	0 5	11 15	1 48	23 45	17 2	14 40	14 50	2 25		n.a.
T 16	16 31	22 57	5 0	22 58	1 36	2 44	2 14	25 57	2 28	10 11	1 7	10 32	1 59	21 47	0 5	11 16	1 48	23 45	17 2	14 45	14 51	2 21		n.a.
F 17	16 49	25 55	4 53	22 56	1 26	2 20	2 17	25 59	2 31	10 8	1 7	10 34	1 59	21 47	0 5	11 16	1 48	23 45	17 3	14 50	14 52	2 18		n.a.
S 18	17 7	27 34	4 30	22 51	1 14	1 56	2 19	26 1	2 33	10 6	1 7	10 37	1 59	21 46	0 5	11 17	1 48	23 45	17 3	14 54	14 53	2 15		n.a.
S 19	17 24	27 42	3 54	22 43	1 2	1 31	2 21	26 4	2 36	10 4	1 7	10 39	1 59	21 46	0 5	11 18	1 48	23 45	17 4	14 57	14 54	2 11		n.a.
M20	17 42	26 14	3 4	22 32	0 48	1 6	2 23	26 6	2 38	10 1	1 7	10 41	1 59	21 46	0 5	11 19	1 48	23 45	17 4	14 59	14 56	2 8		n.a.
T 21	17 59	23 14	2 3	22 18	0 32	0 41	2 25	26 9	2 41	9 59	1 6	10 44	1 59	21 45	0 5	11 19	1 48	23 45	17 5	15 0	14 57	2 5		n.a.
W22	18 15	18 54	0 54	22 1	0 15	0 16	2 27	26 12	2 44	9 56	1 6	10 46	1 59	21 45	0 5	11 20	1 48	23 46	17 5	15 0	14 58	2 1		n.a.
T 23	18 31	13 30	0s19	21 41	0n 3	0s10	2 28	26 15	2 46	9 54	1 6	10 48	1 59	21 44	0 5	11 21	1 48	23 46	17 6	15 0	14 59	1 58		n.a.
F 24	18 47	7 19	1 32	21 17	0 21	0 36	2 29	26 17	2 49	9 52	1 6	10 51	1 59	21 44	0 5	11 22	1 48	23 46	17 6	15 0	15 0	1 55		n.a.
S 25	19 3	0 43	2 40	20 51	0 41	1 1	2 31	26 20	2 52	9 50	1 5	10 53	1 59	21 43	0 5	11 22	1 48	23 46	17 7	15 1	15 1	1 51		n.a.
S 26	19 18	5s59	3 39	20 22	1 1	1 27	2 32	26 23	2 54	9 48	1 5	10 55	1 59	21 43	0 5	11 23	1 48	23 46	17 8	15 3	15 2	1 48		n.a.
M27	19 33	12 25	4 24	19 51	1 21	1 53	2 33	26 26	2 57	9 46	1 5	10 57	1 59	21 43	0 5	11 24	1 48	23 46	17 8	15 5	15 3	1 45		n.a.
T 28	19 48	18 10	4 51	19 18	1 41	2 19	2 34	26 30	3 0	9 43	1 5	11 0	1 59	21 42	0 5	11 24	1 48	23 46	17 9	15 8	15 4	1 41		n.a.
W29	20 2	22 51	5 0	18 44	1 59	2 46	2 34	26 33	3 2	9 42	1 4	11 2	1 59	21 42	0 5	11 25	1 48	23 46	17 9	15 12	15 5	1 38		n.a.
T 30	20s16	26s 5	4s50	18s11	2n17	3s12	2n35	26n36	3n 5	9n40	1s 4	11s 4	1n59	21n41	0n 5	11s26	1n48	23n47	17n10	15s16	15s 6	1s34		n.a.

Julian Day Number = 1360129.5, Delta T = 06h59m41s
Ecliptic obliquity = 23°48'55, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°43'54, Lahiri = -17°36'54 Julian Calendar 1 Nov. 990 BCE == Greg. Calendar 23 Oct. 990 BCE

The year -989 astronomical counting style corresponds to year 990 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 990 BCE
geocentric

DECEMBER 990 BCE (-989) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 59 7	0♐ 3'57	18♐10	28°R22	15♎ 4	8°R38	27°R 9	3♏45	5°R41	4♏16	9♍49	19°R 6	19♒47	20♓16	n.a.	F 1
S 2	4 3 4	1° 5'15	1♑40	27♏ 2	16°12	8♋29	27♈ 4	3°52	5♊39	4°18	9°50	18♒56	19°44	20°22	n.a.	S 2
S 3	4 7 0	2° 6'32	14°47	25°47	17°21	8°19	26°58	3°59	5°36	4°20	9°50	18°48	19°41	20°29	n.a.	S 3
M 4	4 10 57	3° 7'49	27°29	24°37	18°30	8° 8	26°53	4° 5	5°33	4°22	9°51	18°44	19°38	20°36	n.a.	M 4
T 5	4 14 53	4° 9'05	9♒51	23°34	19°39	7°57	26°48	4°11	5°31	4°24	9°52	18°42	19°34	20°42	n.a.	T 5
W 6	4 18 50	5°10'20	21°57	22°41	20°49	7°44	26°43	4°18	5°28	4°26	9°52	18°D42	19°31	20°49	n.a.	W 6
T 7	4 22 46	6°11'35	3♓52	21°56	21°58	7°31	26°38	4°24	5°26	4°28	9°53	18°R42	19°28	20°56	n.a.	T 7
F 8	4 26 43	7°12'48	15°41	21°22	23° 8	7°17	26°34	4°30	5°23	4°30	9°53	18°42	19°25	21° 2	n.a.	F 8
S 9	4 30 39	8°14'01	27°29	20°57	24°17	7° 3	26°29	4°37	5°20	4°32	9°54	18°40	19°22	21° 9	n.a.	S 9
S 10	4 34 36	9°15'13	9♈23	20°41	25°27	6°47	26°25	4°43	5°18	4°34	9°54	18°36	19°19	21°16	n.a.	S 10
M11	4 38 33	10°16'23	21°27	20°D35	26°37	6°31	26°21	4°49	5°15	4°36	9°55	18°29	19°15	21°22	n.a.	M11
T 12	4 42 29	11°17'33	3♉44	20°37	27°47	6°14	26°17	4°55	5°13	4°38	9°55	18°19	19°12	21°29	n.a.	T 12
W13	4 46 26	12°18'43	16°16	20°47	28°57	5°57	26°13	5° 1	5°10	4°40	9°56	18° 8	19° 9	21°36	n.a.	W13
T 14	4 50 22	13°19'51	29° 6	21° 5	0♏ 8	5°38	26°10	5° 7	5° 8	4°42	9°56	17°56	19° 6	21°42	n.a.	T 14
F 15	4 54 19	14°20'58	12♊12	21°29	1°18	5°20	26° 7	5°13	5° 5	4°43	9°56	17°44	19° 3	21°49	n.a.	F 15
S 16	4 58 15	15°22'05	25°33	21°59	2°28	5° 0	26° 4	5°19	5° 2	4°45	9°57	17°34	18°59	21°56	n.a.	S 16
S 17	5 2 12	16°23'10	9♋ 7	22°35	3°39	4°40	26° 1	5°25	5° 0	4°47	9°57	17°26	18°56	22° 2	n.a.	S 17
M18	5 6 9	17°24'15	22°51	23°16	4°50	4°20	25°58	5°31	4°57	4°49	9°57	17°21	18°53	22° 9	n.a.	M18
T 19	5 10 5	18°25'19	6♌43	24° 1	6° 0	3°59	25°55	5°37	4°55	4°51	9°57	17°18	18°50	22°16	n.a.	T 19
W20	5 14 2	19°26'22	20°41	24°50	7°11	3°37	25°53	5°42	4°52	4°52	9°57	17°D18	18°47	22°22	n.a.	W20
T 21	5 17 58	20°27'24	4♍43	25°43	8°22	3°15	25°51	5°48	4°50	4°54	9°57	17°18	18°44	22°29	n.a.	T 21
F 22	5 21 55	21°28'26	18°48	26°40	9°33	2°53	25°49	5°54	4°47	4°56	9°57	17°R19	18°40	22°36	n.a.	F 22
S 23	5 25 51	22°29'26	2♎55	27°39	10°45	2°30	25°47	5°59	4°45	4°58	9°R57	17°19	18°37	22°42	n.a.	S 23
S 24	5 29 48	23°30'26	17° 3	28°42	11°56	2° 7	25°46	6° 5	4°42	4°59	9°57	17°16	18°34	22°49	n.a.	S 24
M25	5 33 44	24°31'25	1♏11	29°47	13° 7	1°44	25°45	6°10	4°40	5° 1	9°57	17°11	18°31	22°56	n.a.	M25
T 26	5 37 41	25°32'23	15°14	0♐54	14°18	1°20	25°43	6°16	4°38	5° 2	9°57	17° 4	18°28	23° 2	n.a.	T 26
W27	5 41 38	26°33'20	29°11	2° 3	15°30	0°56	25°43	6°21	4°35	5° 4	9°57	16°56	18°25	23° 9	n.a.	W27
T 28	5 45 34	27°34'16	12♐57	3°14	16°41	0°33	25°42	6°26	4°33	5° 6	9°57	16°47	18°21	23°16	n.a.	T 28
F 29	5 49 31	28°35'11	26°28	4°27	17°53	0° 9	25°41	6°31	4°31	5° 7	9°57	16°39	18°18	23°22	n.a.	F 29
S 30	5 53 27	29°36'04	9♑42	5°42	19° 5	29♊44	25°41	6°37	4°28	5° 9	9°56	16°32	18°15	23°29	n.a.	S 30
S 31	5 57 24	0♑36'56	22♑38	6♐58	20♏16	29♊20	25°D41	6♏42	4♊26	5♏10	9♍56	16♒27	18♒12	23♓36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s29	27s39	4s23	17s38	2n32	3s39	2n35	26n39	3n 8	9n38	1s 4	11s 6	1n59	21n41	0n 5	11s26	1n48	23n47	17n10	15s20	15s 7	1s31		n.a.
S 2	20 42	27 30	3 42	17 7	2 46	4 5	2 36	26 42	3 11	9 36	1 4	11 9	1 59	21 40	0 5	11 27	1 48	23 47	17 11	15 23	15 8	1 28		n.a.
S 3	20 55	25 47	2 49	16 39	2 57	4 31	2 36	26 46	3 13	9 34	1 3	11 11	1 59	21 40	0 5	11 28	1 48	23 47	17 12	15 25	15 9	1 24		n.a.
M 4	21 7	22 47	1 50	16 13	3 6	4 58	2 36	26 49	3 16	9 32	1 3	11 13	1 59	21 39	0 5	11 29	1 48	23 48	17 12	15 27	15 10	1 21		n.a.
T 5	21 18	18 48	0 47	15 52	3 12	5 25	2 36	26 52	3 18	9 31	1 3	11 15	1 59	21 39	0 5	11 29	1 49	23 48	17 13	15 27	15 11	1 18		n.a.
W 6	21 30	14 8	0n17	15 34	3 16	5 51	2 36	26 56	3 21	9 29	1 3	11 17	1 59	21 39	0 5	11 30	1 49	23 48	17 13	15 27	15 12	1 14		n.a.
T 7	21 41	9 1	1 20	15 21	3 18	6 18	2 35	26 59	3 24	9 28	1 2	11 19	1 59	21 38	0 6	11 31	1 49	23 48	17 14	15 27	15 13	1 11		n.a.
F 8	21 51	3 37	2 18	15 12	3 18	6 44	2 35	27 3	3 26	9 26	1 2	11 21	1 59	21 38	0 6	11 31	1 49	23 49	17 14	15 27	15 14	1 8		n.a.
S 9	22 1	1n54	3 11	15 7	3 16	7 10	2 34	27 6	3 29	9 25	1 2	11 23	1 59	21 37	0 6	11 32	1 49	23 49	17 15	15 28	15 15	1 4		n.a.
S 10	22 11	7 22	3 55	15 6	3 13	7 37	2 34	27 9	3 31	9 24	1 2	11 25	1 59	21 37	0 6	11 32	1 49	23 49	17 16	15 29	15 16	1 1		n.a.
M11	22 20	12 39	4 30	15 9	3 9	8 3	2 33	27 12	3 34	9 22	1 1	11 28	1 59	21 36	0 6	11 33	1 49	23 50	17 16	15 32	15 17	0 58		n.a.
T 12	22 29	17 32	4 53	15 14	3 3	8 29	2 32	27 16	3 36	9 21	1 1	11 30	1 59	21 36	0 6	11 34	1 49	23 50	17 17	15 34	15 18	0 54		n.a.
W13	22 37	21 47	5 2	15 23	2 57	8 55	2 31	27 19	3 38	9 20	1 1	11 31	1 59	21 35	0 6	11 34	1 49	23 51	17 17	15 38	15 19	0 51		n.a.
T 14	22 45	25 6	4 57	15 35	2 50	9 21	2 30	27 22	3 41	9 19	1 0	11 33	2 0	21 35	0 6	11 35	1 49	23 51	17 18	15 42	15 20	0 48		n.a.
F 15	22 53	27 10	4 36	15 48	2 42	9 47	2 29	27 25	3 43	9 18	1 0	11 35	2 0	21 34	0 6	11 36	1 49	23 51	17 19	15 45	15 21	0 44		n.a.
S 16	23 0	27 44	3 59	16 4	2 34	10 13	2 28	27 28	3 45	9 17	1 0	11 37	2 0	21 34	0 6	11 36	1 49	23 52	17 19	15 49	15 22	0 41		n.a.
S 17	23 6	26 38	3 9	16 22	2 26	10 38	2 26	27 31	3 47	9 17	1 0	11 39	2 0	21 33	0 6	11 37	1 49	23 52	17 20	15 51	15 23	0 38		n.a.
M18	23 12	23 55	2 7	16 40	2 17	11 4	2 25	27 34	3 49	9 16	0 59	11 41	2 0	21 33	0 6	11 37	1 49	23 53	17 20	15 53	15 24	0 34		n.a.
T 19	23 18	19 47	0 56	17 1	2 8	11 29	2 23	27 37	3 51	9 15	0 59	11 43	2 0	21 33	0 6	11 38	1 49	23 53	17 21	15 54	15 25	0 31		n.a.
W20	23 23	14 32	0s18	17 22	1 59	11 54	2 22	27 39	3 53	9 15	0 59	11 45	2 0	21 32	0 6	11 38	1 49	23 54	17 22	15 54	15 26	0 28		n.a.
T 21	23 28	8 30	1 32	17 43	1 49	12 19	2 20	27 42	3 55	9 14	0 58	11 47	2 0	21 32	0 6	11 39	1 49	23 54	17 22	15 53	15 27	0 24		n.a.
F 22	23 32	2 3	2 40	18 6	1 40	12 43	2 18	27 44	3 57	9 14	0 58	11 48	2 0	21 31	0 6	11 39	1 49	23 55	17 23	15 53	15 28	0 21		n.a.
S 23	23 36	4s31	3 39	18 29	1 31	13 8	2 16	27 46	3 59	9 13	0 58	11 50	2 0	21 31	0 6	11 40	1 49	23 55	17 23	15 53	15 29	0 17		n.a.
S 24	23 39	10 52	4 25	18 52	1 21	13 32	2 14	27 48	4 0	9 13	0 57	11 52	2 0	21 30	0 6	11 41	1 49	23 56	17 24	15 54	15 30	0 14		n.a.
M25	23 42	16 39	4 55	19 15	1 12	13 55	2 12	27 50	4 2	9 13	0 57	11 54	2 0	21 30	0 6	11 41	1 49	23 56	17 25	15 56	15 31	0 11		n.a.
T 26	23 44	21 32	5 6	19 38	1 3	14 19	2 10	27 52	4 3	9 13	0 57	11 55	2 1	21 29	0 6	11 42	1 49	23 57	17 25	15 58	15 32	0 7		n.a.
W27	23 46	25 9	4 59	20 1	0 54	14 42	2 8	27 53	4 4	9 13	0 57	11 57	2 1	21 29	0 6	11 42	1 49	23 58	17 26	16 0	15 33	0 4		n.a.
T 28	23 48	27 15	4 35	20 24	0 45	15 5	2 6	27 55	4 6	9 13	0 56	11 59	2 1	21 29	0 6	11 43	1 49	23 58	17 26	16 3	15 34	0 1		n.a.
F 29	23 48	27 42	3 56	20 47	0 36	15 27	2 3	27 56	4 7	9 13	0 56	12 0	2 1	21 28	0 6	11 43	1 49	23 59	17 27	16 6	15 35	0n 3		n.a.
S 30	23 49	26 31	3 5	21 9	0 27	15 50	2 1	27 57	4 8	9 13	0 56	12 2	2 1	21 28	0 6	11 43	1 49	23 59	17 27	16 8	15 36	0 6		n.a.
S 31	23s49	23s56	2s 5	21s31	0n18	16s12	1n58	27n58	4n 9	9n13	0s55	12s 3	2n 1	21n27	0n 6	11s44	1n49	24n 0	17n28	16s 9	15s37	0n 9		n.a.

Julian Day Number = 1360159.5, Delta T = 06h59m40s
Ecliptic obliquity = 23°48'54, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°43'50, Lahiri = -17°36'50 Julian Calendar 1 Dec. 990 BCE == Greg. Calendar 22 Nov. 990 BCE

The year -989 astronomical counting style corresponds to year 990 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 989 BCE
geocentric

JANUARY 989 BCE (-988) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 1 20	1♉37'46	5♒15	8♐16	21♏28	28°R56	25♈41	6♏47	4°R24	5♏12	9°R56	16°R24	18♒ 9	23♓42	n.a.	M 1
T 2	6 5 17	2°38'35	17°35	9°35	22°40	28♊32	25°42	6°52	4♊22	5°13	9♍55	16°D23	18° 5	23°49	n.a.	T 2
W 3	6 9 14	3°39'22	29°41	10°55	23°52	28° 9	25°42	6°56	4°19	5°14	9°55	16♒24	18° 2	23°56	n.a.	W 3
T 4	6 13 10	4°40'07	11♓36	12°17	25° 4	27°45	25°43	7° 1	4°17	5°16	9°55	16°26	17°59	24° 2	n.a.	T 4
F 5	6 17 7	5°40'50	23°26	13°39	26°16	27°22	25°44	7° 6	4°15	5°17	9°54	16°27	17°56	24° 9	n.a.	F 5
S 6	6 21 3	6°41'32	5♈16	15° 3	27°28	26°59	25°45	7°11	4°13	5°19	9°54	16°R28	17°53	24°16	n.a.	S 6
S 7	6 25 0	7°42'11	17°10	16°28	28°40	26°36	25°46	7°15	4°11	5°20	9°53	16°27	17°50	24°22	n.a.	S 7
M 8	6 28 56	8°42'49	29°15	17°54	29°52	26°14	25°48	7°20	4° 9	5°21	9°53	16°25	17°46	24°29	n.a.	M 8
T 9	6 32 53	9°43'25	11♉33	19°21	1♐ 4	25°52	25°50	7°24	4° 7	5°22	9°52	16°21	17°43	24°36	n.a.	T 9
W10	6 36 49	10°43'59	24° 9	20°49	2°16	25°30	25°52	7°28	4° 5	5°24	9°51	16°16	17°40	24°42	n.a.	W10
T 11	6 40 46	11°44'31	7♊ 6	22°18	3°28	25° 9	25°54	7°33	4° 3	5°25	9°51	16°10	17°37	24°49	n.a.	T 11
F 12	6 44 43	12°45'01	20°25	23°48	4°40	24°48	25°56	7°37	4° 1	5°26	9°50	16° 4	17°34	24°56	n.a.	F 12
S 13	6 48 39	13°45'30	4♋ 3	25°19	5°53	24°28	25°59	7°41	3°59	5°27	9°49	15°59	17°31	25° 3	n.a.	S 13
S 14	6 52 36	14°45'56	18° 0	26°51	7° 5	24° 9	26° 1	7°45	3°58	5°28	9°49	15°55	17°27	25° 9	n.a.	S 14
M15	6 56 32	15°46'21	2♌11	28°24	8°17	23°50	26° 4	7°49	3°56	5°29	9°48	15°53	17°24	25°16	n.a.	M15
T 16	7 0 29	16°46'44	16°32	29°58	9°30	23°32	26° 7	7°53	3°54	5°30	9°47	15°D53	17°21	25°23	n.a.	T 16
W17	7 4 25	17°47'06	0♍56	1♉32	10°42	23°14	26°11	7°57	3°53	5°31	9°46	15°53	17°18	25°29	n.a.	W17
T 18	7 8 22	18°47'25	15°21	3° 8	11°54	22°57	26°14	8° 1	3°51	5°32	9°45	15°55	17°15	25°36	n.a.	T 18
F 19	7 12 18	19°47'43	29°41	4°45	13° 7	22°41	26°18	8° 4	3°49	5°33	9°45	15°56	17°11	25°43	n.a.	F 19
S 20	7 16 15	20°48'00	13♎54	6°23	14°19	22°26	26°22	8° 8	3°48	5°34	9°44	15°57	17° 8	25°49	n.a.	S 20
S 21	7 20 12	21°48'14	27°59	8° 1	15°32	22°11	26°26	8°11	3°46	5°35	9°43	15°R57	17° 5	25°56	n.a.	S 21
M22	7 24 8	22°48'28	11♏54	9°41	16°44	21°57	26°30	8°15	3°45	5°36	9°42	15°56	17° 2	26° 3	n.a.	M22
T 23	7 28 5	23°48'39	25°37	11°22	17°57	21°43	26°34	8°18	3°43	5°36	9°41	15°54	16°59	26° 9	n.a.	T 23
W24	7 32 1	24°48'49	9♐ 8	13° 3	19°10	21°31	26°39	8°21	3°42	5°37	9°40	15°51	16°56	26°16	n.a.	W24
T 25	7 35 58	25°48'57	22°27	14°46	20°22	21°19	26°44	8°24	3°41	5°38	9°39	15°48	16°52	26°23	n.a.	T 25
F 26	7 39 54	26°49'04	5♉32	16°30	21°35	21° 8	26°48	8°27	3°39	5°39	9°38	15°45	16°49	26°29	n.a.	F 26
S 27	7 43 51	27°49'08	18°23	18°15	22°47	20°58	26°54	8°30	3°38	5°39	9°36	15°42	16°46	26°36	n.a.	S 27
S 28	7 47 47	28°49'11	1♒ 1	20° 1	24° 0	20°48	26°59	8°33	3°37	5°40	9°35	15°41	16°43	26°43	n.a.	S 28
M29	7 51 44	29°49'11	13°25	21°48	25°13	20°39	27° 4	8°36	3°36	5°41	9°34	15°D40	16°40	26°49	n.a.	M29
T 30	7 55 41	0♒49'09	25°37	23°36	26°26	20°32	27°10	8°39	3°35	5°41	9°33	15°41	16°37	26°56	n.a.	T 30
W31	7 59 37	1♒49'05	7♓39	25♉26	27♐38	20♊25	27♈16	8♏41	3♊34	5♏42	9♍32	15♒41	16♒33	27♓ 3	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s48	20s13	1s 0	21s52	0n10	16s33	1n56	27n58	4n10	9n14	0s55	12s 5	2n 1	21n27	0n 6	11s44	1n49	24n 1	17n29	16s10	15s38	0n13		n.a.
T 2	23 47	15 42	0n 6	22 12	0 2	16 54	1 53	27 59	4 10	9 14	0 55	12 7	2 1	21 26	0 6	11 45	1 50	24 1	17 29	16 10	15 39	0 16		n.a.
W 3	23 46	10 39	1 12	22 32	0s 6	17 15	1 51	27 59	4 11	9 14	0 55	12 8	2 1	21 26	0 6	11 45	1 50	24 2	17 30	16 10	15 40	0 19		n.a.
T 4	23 44	5 17	2 13	22 51	0 14	17 35	1 48	27 59	4 12	9 15	0 54	12 10	2 2	21 26	0 6	11 46	1 50	24 3	17 30	16 10	15 41	0 23		n.a.
F 5	23 41	0n13	3 8	23 10	0 22	17 55	1 45	27 59	4 12	9 16	0 54	12 11	2 2	21 25	0 6	11 46	1 50	24 3	17 31	16 9	15 42	0 26		n.a.
S 6	23 39	5 42	3 55	23 27	0 29	18 14	1 43	27 59	4 12	9 16	0 54	12 12	2 2	21 25	0 6	11 47	1 50	24 4	17 31	16 9	15 43	0 29		n.a.
S 7	23 35	11 1	4 32	23 43	0 37	18 33	1 40	27 59	4 13	9 17	0 53	12 14	2 2	21 25	0 6	11 47	1 50	24 5	17 32	16 9	15 44	0 33		n.a.
M 8	23 31	16 0	4 57	23 59	0 44	18 52	1 37	27 58	4 13	9 18	0 53	12 15	2 2	21 24	0 6	11 47	1 50	24 5	17 32	16 10	15 45	0 36		n.a.
T 9	23 27	20 26	5 10	24 13	0 51	19 10	1 34	27 57	4 13	9 19	0 53	12 16	2 2	21 24	0 6	11 48	1 50	24 6	17 33	16 11	15 46	0 39		n.a.
W10	23 22	24 4	5 8	24 26	0 57	19 27	1 31	27 57	4 13	9 20	0 52	12 18	2 2	21 23	0 6	11 48	1 50	24 7	17 33	16 12	15 47	0 43		n.a.
T 11	23 17	26 37	4 51	24 38	1 3	19 44	1 28	27 56	4 12	9 21	0 52	12 19	2 2	21 23	0 6	11 48	1 50	24 8	17 34	16 14	15 48	0 46		n.a.
F 12	23 12	27 45	4 17	24 49	1 9	20 1	1 25	27 55	4 12	9 22	0 52	12 20	2 3	21 23	0 6	11 49	1 50	24 8	17 35	16 16	15 49	0 49		n.a.
S 13	23 5	27 14	3 29	24 59	1 15	20 17	1 22	27 53	4 12	9 23	0 52	12 22	2 3	21 22	0 6	11 49	1 50	24 9	17 35	16 18	15 50	0 52		n.a.
S 14	22 59	25 0	2 27	25 7	1 21	20 32	1 19	27 52	4 11	9 24	0 51	12 23	2 3	21 22	0 6	11 49	1 50	24 10	17 36	16 19	15 51	0 56		n.a.
M15	22 52	21 11	1 14	25 14	1 26	20 47	1 16	27 51	4 11	9 26	0 51	12 24	2 3	21 22	0 6	11 50	1 50	24 11	17 36	16 19	15 52	0 59		n.a.
T 16	22 45	16 4	0s 4	25 20	1 31	21 1	1 13	27 49	4 10	9 27	0 51	12 25	2 3	21 21	0 6	11 50	1 50	24 11	17 37	16 20	15 53	1 2		n.a.
W17	22 37	10 2	1 22	25 24	1 35	21 15	1 10	27 48	4 10	9 29	0 50	12 26	2 3	21 21	0 6	11 50	1 50	24 12	17 37	16 19	15 54	1 6		n.a.
T 18	22 28	3 30	2 35	25 26	1 40	21 28	1 7	27 46	4 9	9 30	0 50	12 27	2 3	21 21	0 6	11 50	1 50	24 13	17 38	16 19	15 55	1 9		n.a.
F 19	22 20	3s11	3 38	25 27	1 44	21 41	1 3	27 44	4 8	9 32	0 50	12 28	2 4	21 20	0 6	11 51	1 50	24 14	17 38	16 19	15 56	1 12		n.a.
S 20	22 11	9 39	4 27	25 27	1 47	21 53	1 0	27 42	4 7	9 33	0 50	12 29	2 4	21 20	0 6	11 51	1 50	24 14	17 38	16 18	15 57	1 16		n.a.
S 21	22 1	15 34	4 59	25 24	1 50	22 4	0 57	27 41	4 6	9 35	0 49	12 30	2 4	21 20	0 6	11 51	1 50	24 15	17 39	16 18	15 58	1 19		n.a.
M22	21 51	20 36	5 14	25 20	1 53	22 15	0 54	27 39	4 5	9 37	0 49	12 31	2 4	21 20	0 6	11 51	1 51	24 16	17 39	16 19	15 58	1 22		n.a.
T 23	21 41	24 28	5 10	25 15	1 56	22 25	0 51	27 37	4 4	9 39	0 49	12 32	2 4	21 19	0 6	11 52	1 51	24 17	17 40	16 19	15 59	1 26		n.a.
W24	21 30	26 56	4 49	25 7	1 58	22 35	0 47	27 35	4 3	9 41	0 49	12 33	2 4	21 19	0 6	11 52	1 51	24 18	17 40	16 20	16 0	1 29		n.a.
T 25	21 19	27 48	4 13	24 58	2 0	22 43	0 44	27 33	4 2	9 43	0 48	12 34	2 4	21 19	0 6	11 52	1 51	24 19	17 41	16 21	16 1	1 32		n.a.
F 26	21 7	27 5	3 24	24 47	2 1	22 52	0 41	27 31	4 1	9 45	0 48	12 35	2 5	21 19	0 6	11 52	1 51	24 19	17 41	16 22	16 2	1 36		n.a.
S 27	20 55	24 55	2 25	24 34	2 2	22 59	0 38	27 29	3 59	9 47	0 48	12 36	2 5	21 18	0 6	11 52	1 51	24 20	17 42	16 23	16 3	1 39		n.a.
S 28	20 43	21 33	1 20	24 19	2 3	23 6	0 35	27 27	3 58	9 49	0 48	12 36	2 5	21 18	0 6	11 53	1 51	24 21	17 42	16 23	16 4	1 42		n.a.
M29	20 30	17 15	0 12	24 2	2 3	23 12	0 31	27 25	3 57	9 51	0 47	12 37	2 5	21 18	0 6	11 53	1 51	24 22	17 42	16 23	16 5	1 46		n.a.
T 30	20 17	12 19	0n55	23 43	2 2	23 18	0 28	27 23	3 55	9 54	0 47	12 38	2 5	21 18	0 6	11 53	1 51	24 23	17 43	16 23	16 6	1 49		n.a.
W31	20s 4	7s 0	1n59	23s22	2s 1	23s23	0n25	27n21	3n54	9n56	0s47	12s39	2n 5	21n18	0n 6	11s53	1n51	24n24	17n43	16s23	16s 7	1n52		n.a.

Julian Day Number = 1360190.5, Delta T = 06h59m38s
Ecliptic obliquity = 23°48'54, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°43'46, Lahiri = -17°36'45 Julian Calendar 1 Jan. 989 BCE == Greg. Calendar 23 Dec. 990 BCE

The year -988 astronomical counting style corresponds to year 989 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 989 BCE
geocentric

FEBRUARY 989 BCE (-988) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 3 34	2♒48'58	19♓33	27♉16	28♐51	20°R18	27♈22	8♏44	3°R33	5♏42	9°R30	15♒43	16♒30	27♓ 9	n.a.	T 1
F 2	8 7 30	3°48'50	1♈23	29° 8	0♉ 4	20♊13	27°28	8°46	3♊32	5°43	9♍29	15°44	16°27	27°16	n.a.	F 2
S 3	8 11 27	4°48'39	13°13	1♒ 0	1°17	20° 8	27°34	8°48	3°31	5°43	9°28	15°45	16°24	27°23	n.a.	S 3
S 4	8 15 23	5°48'25	25° 7	2°54	2°29	20° 4	27°40	8°51	3°30	5°44	9°27	15°46	16°21	27°29	n.a.	S 4
M 5	8 19 20	6°48'10	7♉10	4°49	3°42	20° 1	27°47	8°53	3°29	5°44	9°25	15°R46	16°17	27°36	n.a.	M 5
T 6	8 23 16	7°47'52	19°26	6°45	4°55	19°59	27°54	8°55	3°29	5°44	9°24	15°46	16°14	27°43	n.a.	T 6
W 7	8 27 13	8°47'31	2♊ 0	8°41	6° 8	19°57	28° 0	8°57	3°28	5°45	9°23	15°45	16°11	27°49	n.a.	W 7
T 8	8 31 9	9°47'08	14°56	10°39	7°21	19°56	28° 7	8°59	3°27	5°45	9°21	15°44	16° 8	27°56	n.a.	T 8
F 9	8 35 6	10°46'43	28°16	12°38	8°33	19°D56	28°15	9° 0	3°27	5°45	9°20	15°44	16° 5	28° 3	n.a.	F 9
S 10	8 39 3	11°46'16	12♋ 1	14°37	9°46	19°57	28°22	9° 2	3°26	5°45	9°18	15°43	16° 2	28°10	n.a.	S 10
S 11	8 42 59	12°45'46	26°10	16°37	10°59	19°58	28°29	9° 4	3°26	5°45	9°17	15°43	15°58	28°16	n.a.	S 11
M12	8 46 56	13°45'14	10♌39	18°37	12°12	20° 1	28°37	9° 5	3°25	5°46	9°15	15°D43	15°55	28°23	n.a.	M12
T 13	8 50 52	14°44'39	25°23	20°38	13°25	20° 3	28°45	9° 6	3°25	5°46	9°14	15°43	15°52	28°30	n.a.	T 13
W14	8 54 49	15°44'02	10♍14	22°38	14°38	20° 7	28°53	9° 8	3°25	5°46	9°12	15°R43	15°49	28°36	n.a.	W14
T 15	8 58 45	16°43'24	25° 6	24°39	15°51	20°11	29° 1	9° 9	3°24	5°46	9°11	15°43	15°46	28°43	n.a.	T 15
F 16	9 2 42	17°42'43	9♎51	26°39	17° 3	20°16	29° 9	9°10	3°24	5°R46	9° 9	15°43	15°42	28°50	n.a.	F 16
S 17	9 6 38	18°42'00	24°22	28°38	18°16	20°21	29°17	9°11	3°24	5°46	9° 8	15°42	15°39	28°56	n.a.	S 17
S 18	9 10 35	19°41'16	8♏36	0♓36	19°29	20°27	29°25	9°12	3°24	5°46	9° 6	15°42	15°36	29° 3	n.a.	S 18
M19	9 14 32	20°40'30	22°32	2°33	20°42	20°34	29°34	9°13	3°D24	5°46	9° 5	15°D42	15°33	29°10	n.a.	M19
T 20	9 18 28	21°39'42	6♐ 7	4°27	21°55	20°42	29°43	9°13	3°24	5°46	9° 3	15°42	15°30	29°16	n.a.	T 20
W21	9 22 25	22°38'52	19°24	6°20	23° 8	20°50	29°51	9°14	3°24	5°45	9° 2	15°43	15°27	29°23	n.a.	W21
T 22	9 26 21	23°38'00	2♉23	8°10	24°21	20°58	0♉ 0	9°14	3°24	5°45	9° 0	15°44	15°23	29°30	n.a.	T 22
F 23	9 30 18	24°37'06	15° 7	9°57	25°34	21° 8	0° 9	9°15	3°24	5°45	8°58	15°44	15°20	29°36	n.a.	F 23
S 24	9 34 14	25°36'10	27°38	11°40	26°47	21°17	0°18	9°15	3°24	5°45	8°57	15°45	15°17	29°43	n.a.	S 24
S 25	9 38 11	26°35'12	9♒57	13°19	28° 0	21°28	0°28	9°15	3°25	5°44	8°55	15°R46	15°14	29°50	n.a.	S 25
M26	9 42 7	27°34'12	22° 6	14°55	29°13	21°39	0°37	9°R15	3°25	5°44	8°53	15°46	15°11	29°56	n.a.	M26
T 27	9 46 4	28°33'10	4♓ 8	16°25	0♒26	21°50	0°47	9°15	3°25	5°44	8°52	15°45	15° 8	0♈ 3	n.a.	T 27
W28	9 50 0	29°32'06	16° 4	17°51	1°39	22° 2	0°56	9°15	3°26	5°43	8°50	15°44	15° 4	0°10	n.a.	W28
T 29	9 53 57	0♓30'59	27♓55	19♓12	2♒52	22♊15	1♉ 6	9♏15	3♊26	5♏43	8♍49	15♒42	15♒ 1	0♈17	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s50	1s30	2n57	22s59	2s 0	23s27	0n22	27n19	3n52	9n58	0s46	12s39	2n 6	21n17	0n 6	11s53	1n51	24n24	17n44	16s23	16s 8	1n55		n.a.
F 2	19 36	4n 1	3 47	22 35	1 58	23 30	0 19	27 17	3 51	10 1	0 46	12 40	2 6	21 17	0 6	11 53	1 51	24 25	17 44	16 22	16 9	1 59		n.a.
S 3	19 22	9 23	4 28	22 8	1 55	23 33	0 15	27 15	3 49	10 3	0 46	12 40	2 6	21 17	0 6	11 53	1 51	24 26	17 44	16 22	16 10	2 2		n.a.
S 4	19 7	14 27	4 57	21 38	1 53	23 35	0 12	27 13	3 48	10 6	0 46	12 41	2 6	21 17	0 6	11 53	1 51	24 27	17 45	16 22	16 11	2 5		n.a.
M 5	18 52	19 2	5 14	21 7	1 49	23 37	0 9	27 12	3 46	10 8	0 45	12 42	2 6	21 17	0 6	11 53	1 51	24 28	17 45	16 22	16 12	2 9		n.a.
T 6	18 36	22 56	5 17	20 34	1 45	23 37	0 6	27 10	3 45	10 11	0 45	12 42	2 6	21 17	0 6	11 54	1 51	24 29	17 45	16 22	16 13	2 12		n.a.
W 7	18 21	25 51	5 5	19 59	1 40	23 37	0 3	27 8	3 43	10 14	0 45	12 43	2 6	21 16	0 6	11 54	1 51	24 29	17 46	16 22	16 14	2 15		n.a.
T 8	18 5	27 32	4 37	19 22	1 35	23 36	0 0	27 6	3 42	10 17	0 45	12 43	2 7	21 16	0 6	11 54	1 52	24 30	17 46	16 22	16 15	2 19		n.a.
F 9	17 48	27 42	3 54	18 42	1 29	23 35	0s 3	27 5	3 40	10 19	0 44	12 43	2 7	21 16	0 6	11 54	1 52	24 31	17 46	16 22	16 16	2 22		n.a.
S 10	17 32	26 11	2 56	18 1	1 23	23 33	0 6	27 3	3 38	10 22	0 44	12 44	2 7	21 16	0 6	11 54	1 52	24 32	17 47	16 22	16 17	2 25		n.a.
S 11	17 15	22 59	1 46	17 18	1 15	23 30	0 9	27 2	3 37	10 25	0 44	12 44	2 7	21 16	0 6	11 54	1 52	24 33	17 47	16 23	16 18	2 28		n.a.
M12	16 57	18 17	0 28	16 33	1 8	23 27	0 12	27 0	3 35	10 28	0 44	12 44	2 7	21 16	0 6	11 54	1 52	24 34	17 47	16 23	16 19	2 32		n.a.
T 13	16 40	12 26	0s53	15 47	0 59	23 22	0 15	26 59	3 33	10 31	0 44	12 45	2 7	21 16	0 6	11 54	1 52	24 34	17 48	16 23	16 20	2 35		n.a.
W14	16 22	5 49	2 12	14 59	0 51	23 17	0 18	26 57	3 32	10 34	0 43	12 45	2 8	21 16	0 6	11 54	1 52	24 35	17 48	16 23	16 21	2 38		n.a.
T 15	16 4	1s 6	3 22	14 9	0 41	23 12	0 21	26 56	3 30	10 37	0 43	12 45	2 8	21 16	0 6	11 54	1 52	24 36	17 48	16 23	16 22	2 42		n.a.
F 16	15 46	7 53	4 17	13 19	0 31	23 6	0 23	26 55	3 28	10 40	0 43	12 45	2 8	21 16	0 6	11 54	1 52	24 37	17 48	16 23	16 23	2 45		n.a.
S 17	15 27	14 9	4 56	12 27	0 21	22 59	0 26	26 54	3 27	10 44	0 43	12 46	2 8	21 16	0 6	11 53	1 52	24 38	17 49	16 23	16 24	2 48		n.a.
S 18	15 9	19 33	5 15	11 35	0 10	22 51	0 29	26 52	3 25	10 47	0 42	12 46	2 8	21 16	0 6	11 53	1 52	24 39	17 49	16 23	16 25	2 51		n.a.
M19	14 50	23 45	5 15	10 42	0n 2	22 43	0 31	26 51	3 23	10 50	0 42	12 46	2 8	21 16	0 6	11 53	1 52	24 39	17 49	16 23	16 26	2 55		n.a.
T 20	14 30	26 33	4 58	9 49	0 14	22 34	0 34	26 50	3 22	10 53	0 42	12 46	2 9	21 16	0 6	11 53	1 52	24 40	17 49	16 23	16 26	2 58		n.a.
W21	14 11	27 46	4 24	8 56	0 26	22 24	0 37	26 49	3 20	10 57	0 42	12 46	2 9	21 16	0 6	11 53	1 52	24 41	17 49	16 23	16 27	3 1		n.a.
T 22	13 51	27 26	3 38	8 3	0 38	22 14	0 39	26 48	3 18	11 0	0 42	12 46	2 9	21 16	0 6	11 53	1 52	24 42	17 50	16 22	16 28	3 5		n.a.
F 23	13 31	25 37	2 42	7 11	0 50	22 3	0 42	26 47	3 17	11 4	0 41	12 46	2 9	21 16	0 6	11 53	1 52	24 43	17 50	16 22	16 29	3 8		n.a.
S 24	13 11	22 35	1 39	6 20	1 3	21 51	0 44	26 46	3 15	11 7	0 41	12 46	2 9	21 16	0 6	11 53	1 52	24 43	17 50	16 22	16 30	3 11		n.a.
S 25	12 51	18 33	0 32	5 30	1 15	21 39	0 46	26 45	3 13	11 11	0 41	12 46	2 9	21 16	0 6	11 53	1 52	24 44	17 50	16 22	16 31	3 14		n.a.
M26	12 30	13 48	0n35	4 41	1 28	21 26	0 49	26 44	3 12	11 14	0 41	12 46	2 10	21 16	0 6	11 52	1 53	24 45	17 50	16 22	16 32	3 18		n.a.
T 27	12 10	8 36	1 40	3 55	1 40	21 12	0 51	26 43	3 10	11 18	0 40	12 45	2 10	21 16	0 6	11 52	1 53	24 46	17 50	16 22	16 33	3 21		n.a.
W28	11 49	3 8	2 40	3 10	1 52	20 58	0 53	26 43	3 9	11 21	0 40	12 45	2 10	21 16	0 6	11 52	1 53	24 46	17 50	16 22	16 34	3 24		n.a.
T 29	11s28	2n24	3n33	2s27	2n 3	20s43	0s55	26n42	3n 7	11n25	0s40	12s45	2n10	21n16	0n 6	11s52	1n53	24n47	17n51	16s23	16s35	3n28		n.a.

Julian Day Number = 1360221.5, Delta T = 06h59m36s
Ecliptic obliquity = 23°48'54, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°43'42, Lahiri = -17°36'41 Julian Calendar 1 Feb. 989 BCE == Greg. Calendar 23 Jan. 989 BCE

The year -988 astronomical counting style corresponds to year 989 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 989 BCE
geocentric

MARCH 989 BCE (-988) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 57 54	1♓29'50	9♈45	20♓27	4♒ 5	22♊28	1♉16	9°R15	3♊27	5°R42	8°R47	15°R39	14♒58	0♈23	n.a.	F 1
S 2	10 1 50	2°28'39	21°35	21°37	5°18	22°42	1°26	9♏14	3°27	5♏42	8♍45	15♒37	14°55	0°30	n.a.	S 2
S 3	10 5 47	3°27'25	3♉30	22°41	6°31	22°56	1°36	9°14	3°28	5°41	8°44	15°34	14°52	0°37	n.a.	S 3
M 4	10 9 43	4°26'09	15°33	23°39	7°44	23°11	1°46	9°13	3°29	5°41	8°42	15°32	14°48	0°43	n.a.	M 4
T 5	10 13 40	5°24'51	27°47	24°31	8°57	23°26	1°56	9°12	3°30	5°40	8°40	15°31	14°45	0°50	n.a.	T 5
W 6	10 17 36	6°23'31	10♊17	25°17	10°10	23°41	2° 6	9°12	3°30	5°40	8°38	15°D31	14°42	0°57	n.a.	W 6
T 7	10 21 33	7°22'08	23° 7	25°56	11°23	23°57	2°17	9°11	3°31	5°39	8°37	15°32	14°39	1° 3	n.a.	T 7
F 8	10 25 29	8°20'43	6♋21	26°29	12°37	24°14	2°27	9°10	3°32	5°38	8°35	15°33	14°36	1°10	n.a.	F 8
S 9	10 29 26	9°19'15	20° 2	26°56	13°50	24°31	2°38	9° 9	3°33	5°38	8°33	15°35	14°33	1°17	n.a.	S 9
S 10	10 33 23	10°17'46	4♌ 9	27°16	15° 3	24°48	2°49	9° 8	3°34	5°37	8°32	15°36	14°29	1°23	n.a.	S 10
M11	10 37 19	11°16'14	18°42	27°30	16°16	25° 6	3° 0	9° 6	3°35	5°36	8°30	15°R36	14°26	1°30	n.a.	M11
T 12	10 41 16	12°14'39	3♍36	27°38	17°29	25°24	3°10	9° 5	3°36	5°36	8°28	15°35	14°23	1°37	n.a.	T 12
W13	10 45 12	13°13'03	18°44	27°R40	18°42	25°43	3°21	9° 3	3°37	5°35	8°27	15°33	14°20	1°43	n.a.	W13
T 14	10 49 9	14°11'25	3♎56	27°36	19°55	26° 1	3°32	9° 2	3°39	5°34	8°25	15°30	14°17	1°50	n.a.	T 14
F 15	10 53 5	15° 9'44	19° 2	27°26	21° 8	26°21	3°44	9° 0	3°40	5°33	8°23	15°26	14°14	1°57	n.a.	F 15
S 16	10 57 2	16° 8'02	3♏54	27°10	22°21	26°41	3°55	8°59	3°41	5°32	8°22	15°21	14°10	2° 4	n.a.	S 16
S 17	11 0 58	17° 6'19	18°24	26°50	23°34	27° 1	4° 6	8°57	3°43	5°31	8°20	15°18	14° 7	2°10	n.a.	S 17
M18	11 4 55	18° 4'34	2♐29	26°26	24°47	27°21	4°18	8°55	3°44	5°30	8°18	15°16	14° 4	2°17	n.a.	M18
T 19	11 8 51	19° 2'47	16° 8	25°57	26° 0	27°42	4°29	8°53	3°46	5°29	8°17	15°D14	14° 1	2°24	n.a.	T 19
W20	11 12 48	20° 0'59	29°21	25°25	27°13	28° 3	4°41	8°51	3°47	5°28	8°15	15°15	13°58	2°30	n.a.	W20
T 21	11 16 45	20°59'09	12♑12	24°50	28°27	28°24	4°52	8°49	3°49	5°27	8°13	15°16	13°54	2°37	n.a.	T 21
F 22	11 20 41	21°57'17	24°44	24°13	29°40	28°46	5° 4	8°46	3°50	5°26	8°12	15°18	13°51	2°44	n.a.	F 22
S 23	11 24 38	22°55'24	7♒ 2	23°34	0♓53	29° 8	5°16	8°44	3°52	5°25	8°10	15°19	13°48	2°50	n.a.	S 23
S 24	11 28 34	23°53'29	19° 8	22°55	2° 6	29°31	5°28	8°42	3°54	5°24	8° 9	15°R19	13°45	2°57	n.a.	S 24
M25	11 32 31	24°51'33	1♓ 7	22°16	3°19	29°53	5°39	8°39	3°55	5°23	8° 7	15°18	13°42	3° 4	n.a.	M25
T 26	11 36 27	25°49'34	13° 0	21°37	4°32	0♋16	5°51	8°37	3°57	5°22	8° 5	15°15	13°39	3°10	n.a.	T 26
W27	11 40 24	26°47'34	24°51	20°59	5°45	0°40	6° 3	8°34	3°59	5°21	8° 4	15° 9	13°35	3°17	n.a.	W27
T 28	11 44 20	27°45'33	6♈41	20°24	6°58	1° 3	6°16	8°31	4° 1	5°20	8° 2	15° 2	13°32	3°24	n.a.	T 28
F 29	11 48 17	28°43'29	18°31	19°51	8°12	1°27	6°28	8°28	4° 3	5°18	8° 1	14°54	13°29	3°30	n.a.	F 29
S 30	11 52 14	29°41'24	0♉25	19°21	9°25	1°52	6°40	8°26	4° 5	5°17	7°59	14°46	13°26	3°37	n.a.	S 30
S 31	11 56 10	0♈39'17	12♉24	18♓55	10♓38	2♋16	6♉52	8♏23	4♊ 7	5♏16	7♍58	14♒38	13♒23	3♈44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s 7	7n50	4n16	1s47	2n14	20s28	0s58	26n41	3n 5	11n28	0s40	12s45	2n10	21n16	0n 6	11s52	1n53	24n48	17n51	16s24	16s36	3n31		n.a.
S 2	10 45	12 59	4 48	1 10	2 24	20 12	1 0	26 40	3 4	11 32	0 40	12 44	2 10	21 17	0 6	11 51	1 53	24 49	17 51	16 24	16 37	3 34		n.a.
S 3	10 24	17 42	5 8	0 36	2 34	19 56	1 2	26 39	3 2	11 36	0 39	12 44	2 11	21 17	0 6	11 51	1 53	24 49	17 51	16 25	16 38	3 37		n.a.
M 4	10 2	21 46	5 15	0 4	2 43	19 39	1 4	26 39	3 1	11 40	0 39	12 44	2 11	21 17	0 6	11 51	1 53	24 50	17 51	16 26	16 39	3 41		n.a.
T 5	9 40	24 58	5 8	0n24	2 51	19 21	1 5	26 38	2 59	11 43	0 39	12 43	2 11	21 17	0 6	11 51	1 53	24 51	17 51	16 26	16 40	3 44		n.a.
W 6	9 18	27 4	4 47	0 49	2 59	19 3	1 7	26 37	2 58	11 47	0 39	12 43	2 11	21 17	0 6	11 51	1 53	24 52	17 51	16 26	16 41	3 47		n.a.
T 7	8 56	27 48	4 10	1 11	3 5	18 44	1 9	26 36	2 56	11 51	0 39	12 43	2 11	21 17	0 6	11 50	1 53	24 52	17 51	16 26	16 42	3 50		n.a.
F 8	8 34	26 59	3 20	1 29	3 11	18 25	1 11	26 35	2 54	11 55	0 38	12 42	2 11	21 17	0 6	11 50	1 53	24 53	17 51	16 25	16 43	3 54		n.a.
S 9	8 12	24 32	2 16	1 44	3 15	18 5	1 12	26 35	2 53	11 59	0 38	12 42	2 11	21 18	0 6	11 50	1 53	24 54	17 51	16 25	16 44	3 57		n.a.
S 10	7 49	20 32	1 3	1 55	3 18	17 45	1 14	26 34	2 51	12 3	0 38	12 41	2 12	21 18	0 6	11 49	1 53	24 54	17 51	16 25	16 44	4 0		n.a.
M11	7 27	15 11	0s17	2 2	3 20	17 25	1 15	26 33	2 50	12 7	0 38	12 41	2 12	21 18	0 6	11 49	1 53	24 55	17 51	16 25	16 45	4 3		n.a.
T 12	7 4	8 50	1 37	2 6	3 20	17 3	1 17	26 32	2 48	12 11	0 38	12 40	2 12	21 18	0 6	11 49	1 53	24 56	17 51	16 25	16 46	4 7		n.a.
W13	6 42	1 54	2 52	2 6	3 19	16 42	1 18	26 31	2 47	12 14	0 37	12 39	2 12	21 19	0 6	11 49	1 53	24 56	17 51	16 26	16 47	4 10		n.a.
T 14	6 19	5s10	3 55	2 2	3 17	16 20	1 20	26 31	2 45	12 18	0 37	12 39	2 12	21 19	0 6	11 48	1 53	24 57	17 51	16 27	16 48	4 13		n.a.
F 15	5 56	11 53	4 40	1 55	3 14	15 57	1 21	26 30	2 44	12 22	0 37	12 38	2 12	21 19	0 6	11 48	1 53	24 58	17 51	16 28	16 49	4 16		n.a.
S 16	5 33	17 48	5 7	1 44	3 9	15 34	1 22	26 29	2 43	12 27	0 37	12 37	2 12	21 19	0 6	11 48	1 53	24 58	17 51	16 29	16 50	4 20		n.a.
S 17	5 10	22 34	5 12	1 30	3 2	15 11	1 23	26 28	2 41	12 31	0 37	12 37	2 13	21 20	0 6	11 47	1 54	24 59	17 51	16 30	16 51	4 23		n.a.
M18	4 47	25 52	4 59	1 13	2 54	14 47	1 24	26 27	2 40	12 35	0 37	12 36	2 13	21 20	0 6	11 47	1 54	24 59	17 51	16 31	16 52	4 26		n.a.
T 19	4 24	27 32	4 29	0 53	2 45	14 23	1 25	26 26	2 38	12 39	0 36	12 35	2 13	21 20	0 6	11 46	1 54	25 0	17 51	16 31	16 53	4 29		n.a.
W20	4 1	27 34	3 45	0 30	2 34	13 58	1 26	26 25	2 37	12 43	0 36	12 34	2 13	21 20	0 6	11 46	1 54	25 0	17 50	16 31	16 54	4 33		n.a.
T 21	3 38	26 5	2 51	0 5	2 23	13 33	1 27	26 24	2 35	12 47	0 36	12 34	2 13	21 21	0 6	11 46	1 54	25 1	17 50	16 31	16 55	4 36		n.a.
F 22	3 14	23 19	1 50	0s21	2 10	13 8	1 28	26 23	2 34	12 51	0 36	12 33	2 13	21 21	0 6	11 45	1 54	25 1	17 50	16 30	16 56	4 39		n.a.
S 23	2 51	19 32	0 45	0 50	1 56	12 42	1 28	26 21	2 33	12 55	0 36	12 32	2 13	21 21	0 6	11 45	1 54	25 2	17 50	16 30	16 57	4 42		n.a.
S 24	2 28	14 59	0n21	1 19	1 41	12 16	1 29	26 20	2 31	12 59	0 36	12 31	2 13	21 22	0 6	11 45	1 54	25 2	17 50	16 30	16 58	4 46		n.a.
M25	2 4	9 56	1 25	1 49	1 25	11 50	1 30	26 19	2 30	13 4	0 35	12 30	2 14	21 22	0 6	11 44	1 54	25 3	17 50	16 30	16 58	4 49		n.a.
T 26	1 41	4 33	2 25	2 19	1 9	11 23	1 30	26 18	2 29	13 8	0 35	12 29	2 14	21 22	0 6	11 44	1 54	25 3	17 50	16 31	16 59	4 52		n.a.
W27	1 18	0n56	3 18	2 49	0 53	10 57	1 30	26 16	2 27	13 12	0 35	12 28	2 14	21 23	0 6	11 43	1 54	25 4	17 49	16 33	17 0	4 55		n.a.
T 28	0 54	6 23	4 2	3 19	0 36	10 29	1 31	26 15	2 26	13 16	0 35	12 27	2 14	21 23	0 6	11 43	1 54	25 4	17 49	16 35	17 1	4 58		n.a.
F 29	0 31	11 37	4 36	3 47	0 19	10 2	1 31	26 13	2 25	13 20	0 35	12 26	2 14	21 23	0 6	11 42	1 54	25 5	17 49	16 37	17 2	5 2		n.a.
S 30	0 8	16 26	4 58	4 14	0 3	9 34	1 31	26 11	2 23	13 25	0 35	12 25	2 14	21 24	0 6	11 42	1 54	25 5	17 49	16 40	17 3	5 5		n.a.
S 31	0n16	20n40	5n 7	4s40	0s14	9s 6	1s31	26n10	2n22	13n29	0s34	12s24	2n14	21n24	0n 6	11s42	1n54	25n 6	17n49	16s42	17s 4	5n 8		n.a.

Julian Day Number = 1360250.5, Delta T = 06h59m35s
Ecliptic obliquity = 23°48'54, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°43'38, Lahiri = -17°36'37 Julian Calendar 1 March 989 BCE == Greg. Calendar 21 Feb. 989 BCE

The year -988 astronomical counting style corresponds to year 989 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 989 BCE
geocentric

APRIL 989 BCE (-988) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 0 7	1♈37'08	24♉29	18°R32	11♓51	2♋41	7♉ 5	8°R20	4♊ 9	5°R15	7°R56	14°R31	13♒19	3♈51	n.a.	M 1
T 2	12 4 3	2°34'58	6♊45	18♓13	13° 4	3° 6	7°17	8♏17	4°11	5♏13	7♍55	14♒26	13°16	3°57	n.a.	T 2
W 3	12 8 0	3°32'45	19°14	17°59	14°17	3°31	7°30	8°13	4°13	5°12	7°53	14°23	13°13	4° 4	n.a.	W 3
T 4	12 11 56	4°30'31	2♋ 1	17°49	15°31	3°57	7°42	8°10	4°15	5°11	7°52	14°D22	13°10	4°11	n.a.	T 4
F 5	12 15 53	5°28'15	15° 8	17°43	16°44	4°23	7°55	8° 7	4°17	5° 9	7°50	14°22	13° 7	4°17	n.a.	F 5
S 6	12 19 49	6°25'57	28°40	17°D43	17°57	4°49	8° 7	8° 3	4°20	5° 8	7°49	14°23	13° 4	4°24	n.a.	S 6
S 7	12 23 46	7°23'38	12♌38	17°47	19°10	5°15	8°20	8° 0	4°22	5° 7	7°47	14°R24	13° 0	4°31	n.a.	S 7
M 8	12 27 42	8°21'16	27° 3	17°55	20°23	5°41	8°33	7°57	4°24	5° 5	7°46	14°23	12°57	4°37	n.a.	M 8
T 9	12 31 39	9°18'53	11♍52	18° 8	21°36	6° 8	8°45	7°53	4°27	5° 4	7°45	14°21	12°54	4°44	n.a.	T 9
W10	12 35 36	10°16'28	27° 0	18°26	22°50	6°35	8°58	7°49	4°29	5° 3	7°43	14°16	12°51	4°51	n.a.	W10
T 11	12 39 32	11°14'02	12♎17	18°48	24° 3	7° 2	9°11	7°46	4°32	5° 1	7°42	14° 9	12°48	4°57	n.a.	T 11
F 12	12 43 29	12°11'35	27°33	19°14	25°16	7°30	9°24	7°42	4°34	5° 0	7°40	14° 0	12°45	5° 4	n.a.	F 12
S 13	12 47 25	13° 9'06	12♏37	19°45	26°29	7°57	9°37	7°38	4°37	4°58	7°39	13°52	12°41	5°11	n.a.	S 13
S 14	12 51 22	14° 6'36	27°20	20°19	27°42	8°25	9°50	7°35	4°39	4°57	7°38	13°44	12°38	5°18	n.a.	S 14
M15	12 55 18	15° 4'05	11♐35	20°58	28°56	8°53	10° 3	7°31	4°42	4°55	7°37	13°38	12°35	5°24	n.a.	M15
T 16	12 59 15	16° 1'34	25°22	21°40	0♈ 9	9°21	10°16	7°27	4°45	4°54	7°35	13°34	12°32	5°31	n.a.	T 16
W17	13 3 11	16°59'01	8♑39	22°26	1°22	9°50	10°29	7°23	4°47	4°52	7°34	13°32	12°29	5°38	n.a.	W17
T 18	13 7 8	17°56'27	21°30	23°16	2°35	10°18	10°42	7°19	4°50	4°51	7°33	13°D32	12°25	5°44	n.a.	T 18
F 19	13 11 5	18°53'53	3♒59	24° 9	3°49	10°47	10°55	7°15	4°53	4°49	7°32	13°32	12°22	5°51	n.a.	F 19
S 20	13 15 1	19°51'17	16°12	25° 6	5° 2	11°16	11° 9	7°11	4°56	4°48	7°31	13°R32	12°19	5°58	n.a.	S 20
S 21	13 18 58	20°48'41	28°12	26° 6	6°15	11°45	11°22	7° 7	4°58	4°46	7°30	13°31	12°16	6° 4	n.a.	S 21
M22	13 22 54	21°46'03	10♓ 5	27° 9	7°28	12°15	11°35	7° 2	5° 1	4°44	7°29	13°28	12°13	6°11	n.a.	M22
T 23	13 26 51	22°43'25	21°55	28°15	8°42	12°44	11°48	6°58	5° 4	4°43	7°27	13°22	12°10	6°18	n.a.	T 23
W24	13 30 47	23°40'46	3♈44	29°24	9°55	13°14	12° 2	6°54	5° 7	4°41	7°26	13°14	12° 6	6°25	n.a.	W24
T 25	13 34 44	24°38'06	15°35	0♈36	11° 8	13°44	12°15	6°50	5°10	4°40	7°25	13° 3	12° 3	6°31	n.a.	T 25
F 26	13 38 40	25°35'25	27°29	1°52	12°22	14°14	12°28	6°46	5°13	4°38	7°24	12°51	12° 0	6°38	n.a.	F 26
S 27	13 42 37	26°32'43	9♉29	3°10	13°35	14°44	12°42	6°41	5°16	4°37	7°23	12°38	11°57	6°45	n.a.	S 27
S 28	13 46 34	27°30'00	21°36	4°31	14°48	15°15	12°55	6°37	5°19	4°35	7°23	12°25	11°54	6°51	n.a.	S 28
M29	13 50 30	28°27'17	3♊50	5°54	16° 1	15°45	13° 9	6°33	5°22	4°33	7°22	12°14	11°51	6°58	n.a.	M29
T 30	13 54 27	29♈24'32	16♊14	7♈21	17♈15	16♋16	13♉22	6♏28	5♊25	4♏32	7♍21	12♒ 5	11♒47	7♈ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n39	24n 5	5n 3	5s 4	0s30	8s38	1s32	26n 8	2n21	13n33	0s34	12s23	2n14	21n25	0n 6	11s41	1n54	25n 6	17n48	16s44	17s 5	5n11		n.a.
T 2	1 3	26 27	4 45	5 25	0 45	8 9	1 32	26 6	2 19	13 37	0 34	12 22	2 14	21 25	0 6	11 41	1 54	25 6	17 48	16 45	17 6	5 14		n.a.
W 3	1 26	27 34	4 13	5 45	1 0	7 41	1 32	26 4	2 18	13 42	0 34	12 21	2 14	21 25	0 6	11 40	1 54	25 7	17 48	16 46	17 7	5 18		n.a.
T 4	1 49	27 16	3 28	6 2	1 14	7 12	1 31	26 2	2 17	13 46	0 34	12 20	2 15	21 26	0 6	11 40	1 54	25 7	17 48	16 47	17 8	5 21		n.a.
F 5	2 12	25 26	2 31	6 16	1 28	6 43	1 31	26 0	2 16	13 50	0 34	12 19	2 15	21 26	0 6	11 39	1 54	25 7	17 47	16 47	17 9	5 24		n.a.
S 6	2 36	22 7	1 24	6 28	1 41	6 14	1 31	25 58	2 14	13 54	0 34	12 17	2 15	21 27	0 6	11 39	1 54	25 8	17 47	16 46	17 10	5 27		n.a.
S 7	2 59	17 26	0 9	6 38	1 53	5 44	1 31	25 56	2 13	13 59	0 33	12 16	2 15	21 27	0 6	11 38	1 54	25 8	17 47	16 46	17 10	5 31		n.a.
M 8	3 22	11 38	1s 7	6 45	2 4	5 15	1 30	25 53	2 12	14 3	0 33	12 15	2 15	21 28	0 6	11 38	1 54	25 8	17 47	16 46	17 11	5 34		n.a.
T 9	3 45	5 2	2 22	6 49	2 14	4 45	1 30	25 51	2 11	14 7	0 33	12 14	2 15	21 28	0 6	11 37	1 54	25 9	17 46	16 47	17 12	5 37		n.a.
W10	4 8	1s57	3 28	6 50	2 24	4 15	1 29	25 48	2 10	14 11	0 33	12 13	2 15	21 28	0 6	11 37	1 54	25 9	17 46	16 49	17 13	5 40		n.a.
T 11	4 31	8 54	4 19	6 49	2 32	3 45	1 29	25 46	2 8	14 16	0 33	12 11	2 15	21 29	0 6	11 36	1 54	25 9	17 46	16 51	17 14	5 43		n.a.
F 12	4 54	15 18	4 52	6 46	2 40	3 15	1 28	25 43	2 7	14 20	0 33	12 10	2 15	21 29	0 6	11 36	1 54	25 9	17 45	16 53	17 15	5 47		n.a.
S 13	5 16	20 41	5 5	6 40	2 46	2 45	1 27	25 40	2 6	14 24	0 33	12 9	2 15	21 30	0 6	11 35	1 54	25 10	17 45	16 56	17 16	5 50		n.a.
S 14	5 39	24 40	4 56	6 31	2 52	2 15	1 27	25 37	2 5	14 29	0 32	12 8	2 15	21 30	0 6	11 35	1 54	25 10	17 45	16 58	17 17	5 53		n.a.
M15	6 2	26 58	4 29	6 21	2 57	1 44	1 26	25 34	2 4	14 33	0 32	12 6	2 15	21 31	0 6	11 34	1 54	25 10	17 44	17 0	17 18	5 56		n.a.
T 16	6 24	27 32	3 48	6 7	3 1	1 14	1 25	25 31	2 3	14 37	0 32	12 5	2 15	21 31	0 6	11 34	1 54	25 10	17 44	17 1	17 19	5 59		n.a.
W17	6 46	26 26	2 55	5 52	3 5	0 44	1 24	25 28	2 1	14 42	0 32	12 4	2 15	21 32	0 6	11 33	1 54	25 10	17 44	17 1	17 20	6 2		n.a.
T 18	7 9	23 57	1 55	5 34	3 7	0 13	1 23	25 24	2 0	14 46	0 32	12 2	2 15	21 32	0 6	11 33	1 55	25 10	17 43	17 1	17 20	6 6		n.a.
F 19	7 31	20 23	0 51	5 14	3 9	0n17	1 22	25 21	1 59	14 50	0 32	12 1	2 15	21 33	0 6	11 32	1 55	25 10	17 43	17 1	17 21	6 9		n.a.
S 20	7 53	16 0	0n14	4 52	3 10	0 48	1 21	25 17	1 58	14 54	0 32	12 0	2 15	21 33	0 6	11 32	1 55	25 10	17 42	17 1	17 22	6 12		n.a.
S 21	8 15	11 5	1 17	4 28	3 10	1 18	1 20	25 13	1 57	14 59	0 31	11 58	2 15	21 34	0 6	11 31	1 55	25 11	17 42	17 2	17 23	6 15		n.a.
M22	8 37	5 48	2 16	4 2	3 9	1 49	1 18	25 10	1 56	15 3	0 31	11 57	2 15	21 34	0 6	11 30	1 55	25 11	17 42	17 2	17 24	6 18		n.a.
T 23	8 58	0 22	3 9	3 34	3 8	2 19	1 17	25 6	1 55	15 7	0 31	11 55	2 15	21 35	0 6	11 30	1 55	25 11	17 41	17 4	17 25	6 22		n.a.
W24	9 20	5n 4	3 53	3 5	3 6	2 50	1 16	25 2	1 54	15 12	0 31	11 54	2 15	21 36	0 6	11 29	1 55	25 11	17 41	17 7	17 26	6 25		n.a.
T 25	9 41	10 19	4 28	2 33	3 3	3 20	1 14	24 57	1 52	15 16	0 31	11 53	2 15	21 36	0 6	11 29	1 55	25 11	17 40	17 10	17 27	6 28		n.a.
F 26	10 3	15 14	4 50	2 0	3 0	3 51	1 13	24 53	1 51	15 20	0 31	11 51	2 15	21 37	0 6	11 28	1 55	25 11	17 40	17 13	17 28	6 31		n.a.
S 27	10 24	19 37	5 0	1 24	2 56	4 21	1 11	24 49	1 50	15 24	0 31	11 50	2 15	21 37	0 6	11 28	1 55	25 11	17 39	17 17	17 29	6 34		n.a.
S 28	10 45	23 13	4 57	0 48	2 51	4 51	1 10	24 44	1 49	15 29	0 31	11 48	2 15	21 38	0 6	11 27	1 55	25 11	17 39	17 21	17 29	6 37		n.a.
M29	11 6	25 50	4 40	0 9	2 46	5 21	1 8	24 39	1 48	15 33	0 30	11 47	2 15	21 38	0 6	11 27	1 55	25 11	17 39	17 24	17 30	6 41		n.a.
T 30	11n26	27n14	4n10	0n31	2s40	5n51	1s 7	24n35	1n47	15n37	0s30	11s46	2n15	21n39	0n 6	11s26	1n55	25n10	17n38	17s26	17s31	6n44		n.a.

Julian Day Number = 1360281.5, Delta T = 06h59m33s
Ecliptic obliquity = 23°48'54, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°43'33, Lahiri = -17°36'33 Julian Calendar 1 Apr. 989 BCE == Greg. Calendar 23 March 989 BCE

The year -988 astronomical counting style corresponds to year 989 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 989 BCE
geocentric

MAY 989 BCE (-988) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 58 23	0♉21'47	28♊49	8♈50	18♈28	16♋47	13♉36	6°R24	5♊28	4°R30	7°R20	11°R59	11♒44	7♈11	n.a.	W 1
T 2	14 2 20	1°19'00	11♋39	10°22	19°42	17°18	13°49	6♏20	5°31	4♏29	7♍19	11♒56	11°41	7°18	n.a.	T 2
F 3	14 6 16	2°16'13	24°45	11°57	20°55	17°49	14° 3	6°15	5°35	4°27	7°18	11°55	11°38	7°25	n.a.	F 3
S 4	14 10 13	3°13'24	8♌11	13°34	22° 8	18°20	14°16	6°11	5°38	4°25	7°18	11°55	11°35	7°32	n.a.	S 4
S 5	14 14 10	4°10'34	22° 0	15°14	23°22	18°52	14°30	6° 6	5°41	4°24	7°17	11°55	11°31	7°38	n.a.	S 5
M 6	14 18 6	5° 7'44	6♍13	16°57	24°35	19°24	14°43	6° 2	5°44	4°22	7°16	11°53	11°28	7°45	n.a.	M 6
T 7	14 22 3	6° 4'52	20°48	18°42	25°48	19°55	14°57	5°58	5°47	4°20	7°15	11°49	11°25	7°52	n.a.	T 7
W 8	14 25 59	7° 2'00	5♎42	20°30	27° 2	20°27	15°11	5°53	5°51	4°19	7°15	11°43	11°22	7°58	n.a.	W 8
T 9	14 29 56	7°59'07	20°48	22°21	28°15	20°59	15°24	5°49	5°54	4°17	7°14	11°34	11°19	8° 5	n.a.	T 9
F 10	14 33 52	8°56'13	5♏57	24°14	29°29	21°32	15°38	5°44	5°57	4°16	7°14	11°24	11°16	8°12	n.a.	F 10
S 11	14 37 49	9°53'20	20°58	26° 9	0♑42	22° 4	15°51	5°40	6° 1	4°14	7°13	11°13	11°12	8°18	n.a.	S 11
S 12	14 41 45	10°50'25	5♐42	28° 7	1°55	22°36	16° 5	5°36	6° 4	4°12	7°13	11° 3	11° 9	8°25	n.a.	S 12
M13	14 45 42	11°47'31	20° 1	0♑ 7	3° 9	23° 9	16°19	5°31	6° 7	4°11	7°12	10°55	11° 6	8°32	n.a.	M13
T 14	14 49 39	12°44'36	3♑52	2° 9	4°22	23°42	16°32	5°27	6°11	4° 9	7°12	10°49	11° 3	8°39	n.a.	T 14
W15	14 53 35	13°41'41	17°13	4°13	5°36	24°15	16°46	5°23	6°14	4° 8	7°11	10°45	11° 0	8°45	n.a.	W15
T 16	14 57 32	14°38'47	0♒ 8	6°19	6°49	24°48	17° 0	5°18	6°18	4° 6	7°11	10°44	10°57	8°52	n.a.	T 16
F 17	15 1 28	15°35'52	12°40	8°26	8° 3	25°21	17°13	5°14	6°21	4° 4	7°10	10°44	10°53	8°59	n.a.	F 17
S 18	15 5 25	16°32'57	24°53	10°34	9°16	25°54	17°27	5°10	6°25	4° 3	7°10	10°44	10°50	9° 5	n.a.	S 18
S 19	15 9 21	17°30'02	6♓53	12°44	10°30	26°27	17°41	5° 5	6°28	4° 1	7°10	10°43	10°47	9°12	n.a.	S 19
M20	15 13 18	18°27'07	18°46	14°54	11°43	27° 1	17°54	5° 1	6°32	4° 0	7°10	10°39	10°44	9°19	n.a.	M20
T 21	15 17 14	19°24'12	0♈35	17° 4	12°57	27°34	18° 8	4°57	6°35	3°58	7° 9	10°34	10°41	9°25	n.a.	T 21
W22	15 21 11	20°21'18	12°25	19°15	14°10	28° 8	18°22	4°53	6°39	3°57	7° 9	10°25	10°37	9°32	n.a.	W22
T 23	15 25 8	21°18'23	24°19	21°26	15°24	28°42	18°35	4°49	6°42	3°55	7° 9	10°15	10°34	9°39	n.a.	T 23
F 24	15 29 4	22°15'29	6♉20	23°36	16°38	29°16	18°49	4°45	6°46	3°54	7° 9	10° 2	10°31	9°46	n.a.	F 24
S 25	15 33 1	23°12'35	18°29	25°46	17°51	29°50	19° 3	4°41	6°49	3°52	7° 9	9°49	10°28	9°52	n.a.	S 25
S 26	15 36 57	24° 9'41	0♊48	27°55	19° 5	0♌24	19°16	4°37	6°53	3°51	7° 9	9°37	10°25	9°59	n.a.	S 26
M27	15 40 54	25° 6'47	13°15	0♊ 2	20°18	0°59	19°30	4°33	6°56	3°49	7°D 9	9°25	10°22	10° 6	n.a.	M27
T 28	15 44 50	26° 3'53	25°54	2° 9	21°32	1°33	19°43	4°29	7° 0	3°48	7° 9	9°17	10°18	10°12	n.a.	T 28
W29	15 48 47	27° 0'59	8♋43	4°14	22°46	2° 8	19°57	4°25	7° 4	3°46	7° 9	9°11	10°15	10°19	n.a.	W29
T 30	15 52 44	27°58'05	21°44	6°18	23°59	2°42	20°11	4°21	7° 7	3°45	7° 9	9° 7	10°12	10°26	n.a.	T 30
F 31	15 56 40	28♉55'11	4♌59	8♊20	25♉13	3♌17	20♉24	4♏17	7♊11	3♏43	7♍ 9	9°D 6	10♒ 9	10♈33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	11n47	27n15	3n27	1n12	2s34	6n21	1s 5	24n30	1n46	15n41	0s30	11s44	2n15	21n39	0n 6	11s26	1n55	25n10	17n38	17s28	17s32	6n47			n.a.
T 2	12 7	25 50	2 33	1 55	2 27	6 51	1 3	24 25	1 45	15 45	0 30	11 43	2 15	21 40	0 6	11 25	1 55	25 10	17 37	17 29	17 33	6 50			n.a.
F 3	12 27	22 59	1 29	2 40	2 19	7 21	1 1	24 19	1 44	15 50	0 30	11 41	2 15	21 41	0 6	11 24	1 55	25 10	17 37	17 29	17 34	6 53			n.a.
S 4	12 47	18 49	0 20	3 26	2 11	7 50	1 0	24 14	1 43	15 54	0 30	11 40	2 15	21 41	0 6	11 24	1 55	25 10	17 36	17 29	17 35	6 56			n.a.
S 5	13 7	13 33	0s53	4 13	2 3	8 19	0 58	24 9	1 42	15 58	0 30	11 39	2 15	21 42	0 6	11 23	1 55	25 10	17 36	17 29	17 36	6 59			n.a.
M 6	13 26	7 27	2 5	5 1	1 54	8 48	0 56	24 3	1 41	16 2	0 30	11 37	2 15	21 42	0 6	11 23	1 55	25 10	17 35	17 30	17 37	7 3			n.a.
T 7	13 45	0 48	3 10	5 50	1 44	9 17	0 54	23 57	1 40	16 6	0 30	11 36	2 15	21 43	0 6	11 22	1 55	25 10	17 35	17 31	17 38	7 6			n.a.
W 8	14 4	6s 1	4 4	6 40	1 35	9 46	0 52	23 51	1 39	16 10	0 29	11 34	2 15	21 43	0 6	11 22	1 55	25 9	17 34	17 32	17 38	7 9			n.a.
T 9	14 23	12 34	4 41	7 31	1 25	10 15	0 50	23 45	1 38	16 15	0 29	11 33	2 15	21 44	0 6	11 21	1 55	25 9	17 34	17 35	17 39	7 12			n.a.
F 10	14 42	18 24	4 59	8 23	1 14	10 43	0 48	23 39	1 37	16 19	0 29	11 31	2 15	21 45	0 6	11 21	1 55	25 9	17 33	17 38	17 40	7 15			n.a.
S 11	15 0	23 2	4 56	9 16	1 4	11 11	0 46	23 33	1 36	16 23	0 29	11 30	2 15	21 45	0 6	11 20	1 55	25 9	17 33	17 41	17 41	7 18			n.a.
S 12	15 19	26 4	4 33	10 9	0 53	11 39	0 44	23 26	1 35	16 27	0 29	11 29	2 15	21 46	0 6	11 20	1 55	25 8	17 32	17 44	17 42	7 21			n.a.
M13	15 37	27 19	3 54	11 2	0 42	12 6	0 42	23 20	1 34	16 31	0 29	11 27	2 15	21 46	0 6	11 19	1 55	25 8	17 32	17 46	17 43	7 25			n.a.
T 14	15 54	26 47	3 2	11 56	0 31	12 34	0 39	23 13	1 33	16 35	0 29	11 26	2 15	21 47	0 6	11 19	1 54	25 8	17 31	17 48	17 44	7 28			n.a.
W15	16 12	24 41	2 1	12 49	0 20	13 1	0 37	23 6	1 32	16 39	0 29	11 25	2 15	21 48	0 6	11 18	1 54	25 7	17 31	17 49	17 45	7 31			n.a.
T 16	16 29	21 21	0 56	13 42	0 9	13 27	0 35	22 59	1 31	16 43	0 29	11 23	2 14	21 48	0 7	11 17	1 54	25 7	17 30	17 49	17 46	7 34			n.a.
F 17	16 46	17 7	0n10	14 34	0n 2	13 54	0 33	22 52	1 30	16 47	0 28	11 22	2 14	21 49	0 7	11 17	1 54	25 7	17 30	17 49	17 46	7 37			n.a.
S 18	17 3	12 16	1 14	15 26	0 13	14 20	0 31	22 45	1 29	16 51	0 28	11 20	2 14	21 49	0 7	11 16	1 54	25 6	17 29	17 49	17 47	7 40			n.a.
S 19	17 19	7 3	2 14	16 16	0 23	14 45	0 28	22 38	1 28	16 55	0 28	11 19	2 14	21 50	0 7	11 16	1 54	25 6	17 29	17 49	17 48	7 43			n.a.
M20	17 35	1 40	3 7	17 5	0 33	15 11	0 26	22 30	1 27	16 59	0 28	11 18	2 14	21 51	0 7	11 15	1 54	25 6	17 28	17 50	17 49	7 46			n.a.
T 21	17 51	3n46	3 51	17 53	0 43	15 36	0 24	22 22	1 26	17 3	0 28	11 16	2 14	21 51	0 7	11 15	1 54	25 5	17 27	17 52	17 50	7 49			n.a.
W22	18 7	9 3	4 26	18 39	0 52	16 0	0 21	22 15	1 25	17 7	0 28	11 15	2 14	21 52	0 7	11 14	1 54	25 5	17 27	17 54	17 51	7 53			n.a.
T 23	18 22	14 2	4 49	19 23	1 1	16 24	0 19	22 7	1 24	17 11	0 28	11 14	2 14	21 53	0 7	11 14	1 54	25 4	17 26	17 57	17 52	7 56			n.a.
F 24	18 37	18 33	5 0	20 5	1 9	16 48	0 17	21 59	1 23	17 15	0 28	11 13	2 14	21 53	0 7	11 13	1 54	25 4	17 26	18 0	17 53	7 59			n.a.
S 25	18 52	22 21	4 57	20 45	1 17	17 11	0 14	21 50	1 22	17 19	0 28	11 11	2 13	21 54	0 7	11 13	1 54	25 3	17 25	18 4	17 53	8 2			n.a.
S 26	19 6	25 12	4 40	21 22	1 24	17 34	0 12	21 42	1 21	17 23	0 28	11 10	2 13	21 54	0 7	11 12	1 54	25 3	17 25	18 7	17 54	8 5			n.a.
M27	19 21	26 53	4 10	21 57	1 30	17 57	0 10	21 33	1 20	17 26	0 27	11 9	2 13	21 55	0 7	11 12	1 54	25 2	17 24	18 10	17 55	8 8			n.a.
T 28	19 34	27 12	3 28	22 29	1 36	18 19	0 7	21 25	1 19	17 30	0 27	11 8	2 13	21 56	0 7	11 11	1 54	25 2	17 24	18 13	17 56	8 11			n.a.
W29	19 48	26 5	2 34	22 59	1 41	18 40	0 5	21 16	1 18	17 34	0 27	11 7	2 13	21 56	0 7	11 11	1 54	25 1	17 23	18 14	17 57	8 14			n.a.
T 30	20 1	23 31	1 31	23 26	1 45	19 1	0 3	21 7	1 17	17 38	0 27	11 5	2 13	21 57	0 7	11 11	1 54	25 1	17 22	18 15	17 58	8 17			n.a.
F 31	20n14	19n40	0n22	23n50	1n49	19n22	0s 0	20n58	1n16	17n42	0s27	11s 4	2n13	21n58	0n 7	11s10	1n54	25n 0	17n22	18s16	17s59	8n20			n.a.

Julian Day Number = 1360311.5, Delta T = 06h59m32s
Ecliptic obliquity = 23°48'54, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°43'29, Lahiri = -17°36'29 Julian Calendar 1 May 989 BCE == Greg. Calendar 22 Apr. 989 BCE

The year -988 astronomical counting style corresponds to year 989 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 989 BCE
geocentric

JUNE 989 BCE (-988) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 0 37	29♉52'17	18♌28	10♊20	26♉27	3♌52	20♉38	4°R13	7♊14	3°R42	7♍ 9	9♒ 6	10♒ 6	10♈39	n.a.	S 1
S 2	16 4 33	0♊49'23	2♍15	12°19	27°41	4°27	20°51	4♏10	7°18	3♏40	7° 9	9°R 6	10° 2	10°46	n.a.	S 2
M 3	16 8 30	1°46'28	16°18	14°16	28°54	5° 2	21° 5	4° 6	7°22	3°39	7° 9	9° 6	9°59	10°53	n.a.	M 3
T 4	16 12 26	2°43'34	0♎39	16°11	0♊ 8	5°37	21°18	4° 2	7°25	3°38	7°10	9° 3	9°56	10°59	n.a.	T 4
W 5	16 16 23	3°40'40	15°15	18° 4	1°22	6°13	21°32	3°59	7°29	3°36	7°10	8°58	9°53	11° 6	n.a.	W 5
T 6	16 20 19	4°37'46	29°59	19°56	2°36	6°48	21°45	3°55	7°33	3°35	7°10	8°51	9°50	11°13	n.a.	T 6
F 7	16 24 16	5°34'53	14♏48	21°45	3°49	7°24	21°59	3°52	7°36	3°34	7°11	8°42	9°47	11°19	n.a.	F 7
S 8	16 28 13	6°32'00	29°31	23°33	5° 3	7°59	22°12	3°49	7°40	3°32	7°11	8°32	9°43	11°26	n.a.	S 8
S 9	16 32 9	7°29'07	14♐ 2	25°19	6°17	8°35	22°26	3°45	7°44	3°31	7°11	8°24	9°40	11°33	n.a.	S 9
M10	16 36 6	8°26'15	28°12	27° 2	7°31	9°11	22°39	3°42	7°47	3°30	7°12	8°16	9°37	11°40	n.a.	M10
T 11	16 40 2	9°23'24	11♑59	28°44	8°45	9°47	22°52	3°39	7°51	3°29	7°12	8°11	9°34	11°46	n.a.	T 11
W12	16 43 59	10°20'34	25°20	0♋24	9°58	10°23	23° 6	3°36	7°54	3°27	7°13	8° 9	9°31	11°53	n.a.	W12
T 13	16 47 55	11°17'44	8♒15	2° 3	11°12	10°59	23°19	3°33	7°58	3°26	7°13	8°D 8	9°28	12° 0	n.a.	T 13
F 14	16 51 52	12°14'55	20°49	3°39	12°26	11°35	23°32	3°30	8° 2	3°25	7°14	8° 8	9°24	12° 6	n.a.	F 14
S 15	16 55 49	13°12'07	3♓ 5	5°14	13°40	12°11	23°45	3°27	8° 5	3°24	7°15	8° 9	9°21	12°13	n.a.	S 15
S 16	16 59 45	14° 9'20	15° 7	6°46	14°54	12°48	23°59	3°24	8° 9	3°23	7°15	8°R10	9°18	12°20	n.a.	S 16
M17	17 3 42	15° 6'34	27° 1	8°17	16° 8	13°24	24°12	3°21	8°13	3°22	7°16	8° 9	9°15	12°27	n.a.	M17
T 18	17 7 38	16° 3'50	8♈52	9°46	17°22	14° 1	24°25	3°19	8°16	3°21	7°17	8° 6	9°12	12°33	n.a.	T 18
W19	17 11 35	17° 1'06	20°45	11°13	18°36	14°37	24°38	3°16	8°20	3°20	7°17	8° 1	9° 8	12°40	n.a.	W19
T 20	17 15 31	17°58'23	2♉43	12°38	19°50	15°14	24°51	3°14	8°23	3°18	7°18	7°55	9° 5	12°47	n.a.	T 20
F 21	17 19 28	18°55'42	14°50	14° 1	21° 4	15°51	25° 4	3°11	8°27	3°17	7°19	7°47	9° 2	12°53	n.a.	F 21
S 22	17 23 24	19°53'02	27° 9	15°22	22°18	16°28	25°17	3° 9	8°31	3°16	7°20	7°38	8°59	13° 0	n.a.	S 22
S 23	17 27 21	20°50'22	9♊39	16°40	23°32	17° 5	25°30	3° 7	8°34	3°15	7°21	7°30	8°56	13° 7	n.a.	S 23
M24	17 31 18	21°47'44	22°23	17°57	24°46	17°42	25°43	3° 4	8°38	3°15	7°22	7°22	8°53	13°14	n.a.	M24
T 25	17 35 14	22°45'07	5♋21	19°12	26° 0	18°19	25°56	3° 2	8°41	3°14	7°23	7°17	8°49	13°20	n.a.	T 25
W26	17 39 11	23°42'31	18°30	20°24	27°14	18°57	26° 9	3° 0	8°45	3°13	7°24	7°13	8°46	13°27	n.a.	W26
T 27	17 43 7	24°39'56	1♌52	21°35	28°28	19°34	26°21	2°58	8°49	3°12	7°25	7°D11	8°43	13°34	n.a.	T 27
F 28	17 47 4	25°37'22	15°25	22°42	29°42	20°12	26°34	2°57	8°52	3°11	7°26	7°12	8°40	13°40	n.a.	F 28
S 29	17 51 0	26°34'48	29° 8	23°48	0♋56	20°49	26°47	2°55	8°56	3°10	7°27	7°13	8°37	13°47	n.a.	S 29
S 30	17 54 57	27♊32'16	13♍ 2	24♋50	2♋10	21♌27	26♉59	2♏53	8♊59	3♏ 9	7♍28	7♒14	8♒34	13♈54	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n26	14n44	0s50	24n11	1n52	19n42	0n 2	20n49	1n16	17n45	0s27	11s 3	2n12	21n58	0n 7	11s10	1n54	25n 0	17n21	18s16	18s 0	8n24		n.a.
S 2	20 39	8 59	2 0	24 30	1 54	20 1	0 5	20 39	1 15	17 49	0 27	11 2	2 12	21 59	0 7	11 9	1 54	24 59	17 21	18 16	18 0	8 27		n.a.
M 3	20 50	2 40	3 4	24 47	1 55	20 20	0 7	20 30	1 14	17 53	0 27	11 1	2 12	21 59	0 7	11 9	1 54	24 58	17 20	18 16	18 1	8 30		n.a.
T 4	21 2	3s54	3 58	25 1	1 56	20 39	0 9	20 20	1 13	17 56	0 27	11 0	2 12	22 0	0 7	11 8	1 54	24 58	17 20	18 17	18 2	8 33		n.a.
W 5	21 13	10 21	4 38	25 12	1 57	20 57	0 12	20 10	1 12	18 0	0 27	10 59	2 12	22 1	0 7	11 8	1 54	24 57	17 19	18 18	18 3	8 36		n.a.
T 6	21 24	16 18	5 0	25 21	1 56	21 14	0 14	20 0	1 11	18 4	0 27	10 58	2 12	22 1	0 7	11 7	1 54	24 57	17 18	18 20	18 4	8 39		n.a.
F 7	21 34	21 19	5 2	25 28	1 55	21 31	0 16	19 50	1 10	18 7	0 27	10 57	2 11	22 2	0 7	11 7	1 54	24 56	17 18	18 22	18 5	8 42		n.a.
S 8	21 44	24 58	4 43	25 33	1 54	21 47	0 19	19 40	1 9	18 11	0 26	10 56	2 11	22 2	0 7	11 7	1 54	24 55	17 17	18 25	18 6	8 45		n.a.
S 9	21 54	26 56	4 7	25 35	1 51	22 2	0 21	19 30	1 8	18 14	0 26	10 55	2 11	22 3	0 7	11 6	1 54	24 55	17 17	18 27	18 6	8 48		n.a.
M10	22 3	27 4	3 16	25 35	1 49	22 17	0 23	19 19	1 7	18 18	0 26	10 54	2 11	22 4	0 7	11 6	1 54	24 54	17 16	18 29	18 7	8 51		n.a.
T 11	22 12	25 30	2 15	25 34	1 45	22 31	0 25	19 9	1 6	18 21	0 26	10 53	2 11	22 4	0 7	11 5	1 54	24 53	17 16	18 30	18 8	8 54		n.a.
W12	22 21	22 31	1 8	25 30	1 41	22 45	0 28	18 58	1 6	18 25	0 26	10 52	2 10	22 5	0 7	11 5	1 54	24 52	17 15	18 31	18 9	8 57		n.a.
T 13	22 29	18 28	0n 1	25 25	1 37	22 58	0 30	18 47	1 5	18 28	0 26	10 51	2 10	22 5	0 7	11 5	1 54	24 52	17 14	18 31	18 10	9 0		n.a.
F 14	22 37	13 43	1 8	25 18	1 32	23 10	0 32	18 36	1 4	18 32	0 26	10 50	2 10	22 6	0 7	11 4	1 54	24 51	17 14	18 31	18 11	9 3		n.a.
S 15	22 44	8 31	2 10	25 9	1 27	23 22	0 34	18 25	1 3	18 35	0 26	10 50	2 10	22 7	0 7	11 4	1 53	24 50	17 13	18 31	18 12	9 6		n.a.
S 16	22 51	3 7	3 5	24 59	1 21	23 33	0 36	18 14	1 2	18 39	0 26	10 49	2 10	22 7	0 7	11 4	1 53	24 50	17 13	18 31	18 12	9 9		n.a.
M17	22 58	2n20	3 52	24 48	1 15	23 43	0 39	18 2	1 1	18 42	0 26	10 48	2 9	22 8	0 7	11 3	1 53	24 49	17 12	18 31	18 13	9 12		n.a.
T 18	23 4	7 40	4 28	24 35	1 8	23 53	0 41	17 51	1 0	18 45	0 26	10 47	2 9	22 8	0 7	11 3	1 53	24 48	17 12	18 32	18 14	9 15		n.a.
W19	23 10	12 44	4 53	24 21	1 1	24 2	0 43	17 39	0 59	18 49	0 26	10 47	2 9	22 9	0 7	11 3	1 53	24 47	17 11	18 33	18 15	9 19		n.a.
T 20	23 16	17 22	5 5	24 6	0 54	24 10	0 45	17 27	0 59	18 52	0 25	10 46	2 9	22 10	0 7	11 2	1 53	24 46	17 11	18 35	18 16	9 22		n.a.
F 21	23 21	21 23	5 4	23 50	0 46	24 17	0 47	17 15	0 58	18 55	0 25	10 45	2 9	22 10	0 7	11 2	1 53	24 46	17 10	18 37	18 17	9 25		n.a.
S 22	23 25	24 31	4 49	23 32	0 38	24 24	0 49	17 3	0 57	18 59	0 25	10 45	2 8	22 11	0 7	11 2	1 53	24 45	17 9	18 39	18 18	9 28		n.a.
S 23	23 30	26 32	4 20	23 14	0 29	24 30	0 51	16 51	0 56	19 2	0 25	10 44	2 8	22 11	0 7	11 1	1 53	24 44	17 9	18 41	18 18	9 31		n.a.
M24	23 33	27 13	3 38	22 55	0 20	24 35	0 53	16 38	0 55	19 5	0 25	10 44	2 8	22 12	0 7	11 1	1 53	24 43	17 8	18 43	18 19	9 34		n.a.
T 25	23 37	26 26	2 43	22 36	0 11	24 40	0 54	16 26	0 54	19 8	0 25	10 43	2 8	22 13	0 7	11 1	1 53	24 42	17 8	18 44	18 20	9 37		n.a.
W26	23 40	24 9	1 39	22 16	0 1	24 43	0 56	16 13	0 53	19 11	0 25	10 43	2 7	22 13	0 7	11 1	1 53	24 41	17 7	18 45	18 21	9 40		n.a.
T 27	23 42	20 31	0 29	21 55	0s 9	24 46	0 58	16 1	0 53	19 14	0 25	10 42	2 7	22 14	0 7	11 0	1 53	24 40	17 7	18 46	18 22	9 43		n.a.
F 28	23 44	15 46	0s44	21 34	0 19	24 49	1 0	15 48	0 52	19 17	0 25	10 42	2 7	22 14	0 7	11 0	1 53	24 39	17 6	18 46	18 23	9 46		n.a.
S 29	23 46	10 8	1 56	21 12	0 29	24 50	1 1	15 35	0 51	19 20	0 25	10 41	2 7	22 15	0 7	11 0	1 53	24 39	17 6	18 45	18 23	9 49		n.a.
S 30	23n47	3n58	3s 2	20n51	0s40	24n51	1n 3	15n22	0n50	19n23	0s25	10s41	2n 7	22n15	0n 7	11s 0	1n53	24n38	17n 5	18s45	18s24	9n52		n.a.

Julian Day Number = 1360342.5, Delta T = 06h59m30s
Ecliptic obliquity = 23°48'53, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°43'25, Lahiri = -17°36'25 Julian Calendar 1 June 989 BCE == Greg. Calendar 23 May 989 BCE

The year -988 astronomical counting style corresponds to year 989 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 989 BCE
geocentric

JULY 989 BCE (-988) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 58 54	28♊29'44	27♍ 6	25♋50	3♋25	22♌ 5	27♉12	2°R52	9♊ 3	3°R 9	7♍29	7°R15	8♒30	14♈ 0	n.a.	M 1
T 2	18 2 50	29°27'14	11♎19	26°48	4°39	22°43	27°25	2♏50	9° 6	3♏ 8	7°30	7♒14	8°27	14° 7	n.a.	T 2
W 3	18 6 47	0♋24'44	25°38	27°42	5°53	23°21	27°37	2°49	9°10	3° 7	7°31	7°12	8°24	14°14	n.a.	W 3
T 4	18 10 43	1°22'15	10♏ 1	28°33	7° 7	23°59	27°49	2°47	9°13	3° 7	7°32	7° 8	8°21	14°21	n.a.	T 4
F 5	18 14 40	2°19'48	24°24	29°21	8°21	24°37	28° 2	2°46	9°16	3° 6	7°34	7° 4	8°18	14°27	n.a.	F 5
S 6	18 18 36	3°17'22	8♐40	0♌ 6	9°35	25°15	28°14	2°45	9°20	3° 5	7°35	6°59	8°14	14°34	n.a.	S 6
S 7	18 22 33	4°14'57	22°46	0°47	10°50	25°53	28°26	2°44	9°23	3° 5	7°36	6°54	8°11	14°41	n.a.	S 7
M 8	18 26 29	5°12'33	6♑37	1°24	12° 4	26°32	28°39	2°43	9°27	3° 4	7°38	6°50	8° 8	14°47	n.a.	M 8
T 9	18 30 26	6°10'11	20° 9	1°57	13°18	27°10	28°51	2°42	9°30	3° 4	7°39	6°47	8° 5	14°54	n.a.	T 9
W10	18 34 23	7° 7'50	3♒20	2°26	14°32	27°49	29° 3	2°42	9°33	3° 3	7°40	6°D46	8° 2	15° 1	n.a.	W10
T 11	18 38 19	8° 5'31	16°11	2°51	15°47	28°27	29°15	2°41	9°37	3° 3	7°42	6°47	7°59	15° 8	n.a.	T 11
F 12	18 42 16	9° 3'13	28°43	3°11	17° 1	29° 6	29°27	2°40	9°40	3° 2	7°43	6°48	7°55	15°14	n.a.	F 12
S 13	18 46 12	10° 0'58	10♓59	3°26	18°15	29°45	29°39	2°40	9°43	3° 2	7°45	6°50	7°52	15°21	n.a.	S 13
S 14	18 50 9	10°58'44	23° 3	3°36	19°29	0♍24	29°50	2°40	9°47	3° 2	7°46	6°51	7°49	15°28	n.a.	S 14
M15	18 54 5	11°56'31	4♈59	3°R40	20°44	1° 3	0♊ 2	2°39	9°50	3° 1	7°48	6°52	7°46	15°34	n.a.	M15
T 16	18 58 2	12°54'21	16°51	3°39	21°58	1°42	0°14	2°39	9°53	3° 1	7°49	6°R52	7°43	15°41	n.a.	T 16
W17	19 1 58	13°52'13	28°45	3°33	23°12	2°21	0°25	2°D39	9°56	3° 1	7°51	6°51	7°40	15°48	n.a.	W17
T 18	19 5 55	14°50'06	10♉46	3°20	24°27	3° 0	0°37	2°39	9°59	3° 0	7°53	6°50	7°36	15°55	n.a.	T 18
F 19	19 9 52	15°48'02	22°56	3° 2	25°41	3°39	0°48	2°39	10° 2	3° 0	7°54	6°47	7°33	16° 1	n.a.	F 19
S 20	19 13 48	16°45'59	5♊20	2°37	26°55	4°19	1° 0	2°39	10° 6	3° 0	7°56	6°44	7°30	16° 8	n.a.	S 20
S 21	19 17 45	17°43'58	18° 0	2° 7	28°10	4°58	1°11	2°40	10° 9	3° 0	7°58	6°41	7°27	16°15	n.a.	S 21
M22	19 21 41	18°42'00	0♋58	1°31	29°24	5°38	1°22	2°40	10°12	3° 0	7°59	6°38	7°24	16°21	n.a.	M22
T 23	19 25 38	19°40'03	14°14	0°50	0♌39	6°17	1°33	2°41	10°15	3° 0	8° 1	6°37	7°20	16°28	n.a.	T 23
W24	19 29 34	20°38'08	27°46	0° 4	1°53	6°57	1°44	2°41	10°18	3° 0	8° 3	6°36	7°17	16°35	n.a.	W24
T 25	19 33 31	21°36'15	11♌33	29♋14	3° 7	7°37	1°55	2°42	10°21	3°D 0	8° 5	6°D36	7°14	16°42	n.a.	T 25
F 26	19 37 27	22°34'23	25°32	28°21	4°22	8°17	2° 6	2°43	10°24	3° 0	8° 6	6°36	7°11	16°48	n.a.	F 26
S 27	19 41 24	23°32'33	9♍39	27°24	5°36	8°57	2°17	2°44	10°27	3° 0	8° 8	6°37	7° 8	16°55	n.a.	S 27
S 28	19 45 21	24°30'45	23°52	26°27	6°51	9°37	2°27	2°45	10°29	3° 0	8°10	6°38	7° 5	17° 2	n.a.	S 28
M29	19 49 17	25°28'58	8♎ 8	25°29	8° 5	10°17	2°38	2°46	10°32	3° 0	8°12	6°39	7° 1	17° 8	n.a.	M29
T 30	19 53 14	26°27'13	22°23	24°32	9°20	10°57	2°48	2°47	10°35	3° 0	8°14	6°R39	6°58	17°15	n.a.	T 30
W31	19 57 10	27♋25'29	6♏35	23♋37	10♌34	11♍37	2♊59	2♏48	10♊38	3♏ 0	8♍16	6♒39	6♒55	17♈22	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n48	2s28	3s58	20n29	0s51	24n51	1n 5	15n 8	0n49	19n26	0s25	10s41	2n 6	22n16	0n 7	11s 0	1n53	24n37	17n 5	18s45	18s25	9n55		n.a.
T 2	23 49	8 49	4 40	20 7	1 2	24 50	1 6	14 55	0 48	19 29	0 25	10 41	2 6	22 17	0 7	10 59	1 53	24 36	17 4	18 45	18 26	9 58		n.a.
W 3	23 49	14 46	5 5	19 45	1 13	24 49	1 8	14 42	0 47	19 32	0 24	10 40	2 6	22 17	0 7	10 59	1 53	24 35	17 4	18 46	18 27	10 1		n.a.
T 4	23 48	19 57	5 10	19 24	1 25	24 46	1 9	14 28	0 47	19 35	0 24	10 40	2 6	22 18	0 7	10 59	1 52	24 34	17 3	18 47	18 28	10 4		n.a.
F 5	23 48	23 57	4 57	19 2	1 36	24 43	1 11	14 14	0 46	19 38	0 24	10 40	2 5	22 18	0 7	10 59	1 52	24 33	17 3	18 48	18 29	10 7		n.a.
S 6	23 46	26 27	4 25	18 42	1 48	24 39	1 12	14 1	0 45	19 41	0 24	10 40	2 5	22 19	0 7	10 59	1 52	24 32	17 2	18 49	18 29	10 10		n.a.
S 7	23 45	27 14	3 37	18 21	2 0	24 35	1 13	13 47	0 44	19 44	0 24	10 40	2 5	22 19	0 7	10 59	1 52	24 31	17 2	18 50	18 30	10 13		n.a.
M 8	23 43	26 16	2 37	18 1	2 11	24 30	1 14	13 33	0 43	19 47	0 24	10 39	2 5	22 20	0 7	10 58	1 52	24 30	17 1	18 51	18 31	10 16		n.a.
T 9	23 40	23 45	1 30	17 43	2 23	24 24	1 16	13 18	0 42	19 49	0 24	10 39	2 4	22 20	0 7	10 58	1 52	24 29	17 1	18 52	18 32	10 19		n.a.
W10	23 37	20 1	0 19	17 25	2 35	24 17	1 17	13 4	0 42	19 52	0 24	10 39	2 4	22 21	0 7	10 58	1 52	24 28	17 0	18 52	18 33	10 22		n.a.
T 11	23 34	15 25	0n51	17 8	2 47	24 9	1 18	12 50	0 41	19 55	0 24	10 39	2 4	22 21	0 7	10 58	1 52	24 27	17 0	18 52	18 34	10 25		n.a.
F 12	23 30	10 16	1 57	16 52	2 58	24 1	1 19	12 35	0 40	19 58	0 24	10 39	2 4	22 22	0 7	10 58	1 52	24 26	16 59	18 52	18 34	10 27		n.a.
S 13	23 26	4 50	2 57	16 37	3 9	23 52	1 20	12 21	0 39	20 0	0 24	10 40	2 3	22 22	0 7	10 58	1 52	24 25	16 59	18 51	18 35	10 30		n.a.
S 14	23 21	0n40	3 47	16 24	3 20	23 42	1 21	12 6	0 38	20 3	0 24	10 40	2 3	22 23	0 7	10 58	1 52	24 24	16 58	18 51	18 36	10 33		n.a.
M15	23 16	6 5	4 27	16 13	3 31	23 32	1 22	11 51	0 37	20 5	0 24	10 40	2 3	22 23	0 7	10 58	1 52	24 23	16 58	18 51	18 37	10 36		n.a.
T 16	23 11	11 15	4 55	16 4	3 41	23 21	1 22	11 36	0 37	20 8	0 24	10 40	2 3	22 24	0 7	10 58	1 52	24 22	16 57	18 51	18 38	10 39		n.a.
W17	23 5	16 2	5 11	15 56	3 50	23 9	1 23	11 21	0 36	20 10	0 24	10 40	2 2	22 24	0 7	10 58	1 52	24 21	16 57	18 51	18 39	10 42		n.a.
T 18	22 58	20 14	5 14	15 51	3 59	22 56	1 24	11 6	0 35	20 13	0 23	10 40	2 2	22 25	0 7	10 58	1 52	24 20	16 56	18 51	18 39	10 45		n.a.
F 19	22 52	23 39	5 2	15 47	4 7	22 43	1 24	10 51	0 34	20 15	0 23	10 41	2 2	22 25	0 7	10 58	1 52	24 19	16 56	18 52	18 40	10 48		n.a.
S 20	22 45	26 3	4 36	15 46	4 13	22 29	1 25	10 36	0 33	20 18	0 23	10 41	2 2	22 26	0 7	10 58	1 51	24 18	16 56	18 53	18 41	10 51		n.a.
S 21	22 37	27 11	3 57	15 48	4 19	22 15	1 25	10 20	0 33	20 20	0 23	10 41	2 1	22 26	0 7	10 58	1 51	24 17	16 55	18 54	18 42	10 54		n.a.
M22	22 29	26 53	3 4	15 52	4 23	21 59	1 26	10 5	0 32	20 23	0 23	10 42	2 1	22 27	0 7	10 58	1 51	24 16	16 55	18 54	18 43	10 57		n.a.
T 23	22 21	25 2	2 0	15 58	4 25	21 44	1 26	9 49	0 31	20 25	0 23	10 42	2 1	22 27	0 7	10 58	1 51	24 15	16 54	18 55	18 43	11 0		n.a.
W24	22 12	21 44	0 49	16 7	4 26	21 27	1 26	9 34	0 30	20 27	0 23	10 43	2 1	22 28	0 7	10 58	1 51	24 14	16 54	18 55	18 44	11 3		n.a.
T 25	22 3	17 9	0s27	16 18	4 25	21 10	1 26	9 18	0 29	20 30	0 23	10 43	2 0	22 28	0 7	10 58	1 51	24 13	16 54	18 55	18 45	11 6		n.a.
F 26	21 53	11 36	1 43	16 32	4 23	20 52	1 27	9 2	0 29	20 32	0 23	10 44	2 0	22 29	0 7	10 58	1 51	24 12	16 53	18 55	18 46	11 9		n.a.
S 27	21 44	5 25	2 53	16 47	4 18	20 34	1 27	8 46	0 28	20 34	0 23	10 44	2 0	22 29	0 7	10 58	1 51	24 11	16 53	18 55	18 47	11 12		n.a.
S 28	21 33	1s 5	3 53	17 5	4 11	20 15	1 27	8 30	0 27	20 36	0 23	10 45	2 0	22 29	0 7	10 58	1 51	24 9	16 52	18 54	18 48	11 14		n.a.
M29	21 23	7 31	4 38	17 24	4 3	19 55	1 27	8 14	0 26	20 38	0 23	10 45	1 59	22 30	0 7	10 58	1 51	24 8	16 52	18 54	18 48	11 17		n.a.
T 30	21 12	13 34	5 7	17 45	3 52	19 35	1 26	7 58	0 25	20 41	0 23	10 46	1 59	22 30	0 7	10 58	1 51	24 7	16 52	18 54	18 49	11 20		n.a.
W31	21n 0	18s53	5s16	18n 6	3s40	19n15	1n26	7n41	0n24	20n43	0s23	10s47	1n59	22n31	0n 7	10s58	1n51	24n 6	16n51	18s54	18s50	11n23		n.a.

Julian Day Number = 1360372.5, Delta T = 06h59m29s
Ecliptic obliquity = 23°48'53, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°43'21, Lahiri = -17°36'21 Julian Calendar 1 July 989 BCE == Greg. Calendar 22 June 989 BCE

The year -988 astronomical counting style corresponds to year 989 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 989 BCE
geocentric

AUGUST 989 BCE (-988) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 1 7	28♋23'47	20♏41	22°R46	11♌48	12♍18	3♊ 9	2♏50	10♊41	3♏ 0	8♍18	6°R39	6♒52	17♈29	n.a.	T 1
F 2	20 5 3	29°22'07	4♐40	22♋ 0	13° 3	12°58	3°19	2°51	10°43	3° 1	8°20	6♒38	6°49	17°35	n.a.	F 2
S 3	20 9 0	0♌20'29	18°30	21°20	14°17	13°39	3°29	2°53	10°46	3° 1	8°22	6°37	6°46	17°42	n.a.	S 3
S 4	20 12 56	1°18'52	2♉ 8	20°46	15°32	14°19	3°39	2°54	10°49	3° 1	8°24	6°36	6°42	17°49	n.a.	S 4
M 5	20 16 53	2°17'17	15°33	20°20	16°46	15° 0	3°49	2°56	10°51	3° 2	8°26	6°36	6°39	17°56	n.a.	M 5
T 6	20 20 50	3°15'45	28°43	20° 3	18° 1	15°41	3°59	2°58	10°54	3° 2	8°28	6°36	6°36	18° 2	n.a.	T 6
W 7	20 24 46	4°14'14	11♒38	19°D54	19°15	16°21	4° 9	3° 0	10°56	3° 2	8°30	6°D36	6°33	18° 9	n.a.	W 7
T 8	20 28 43	5°12'45	24°18	19°55	20°29	17° 2	4°18	3° 2	10°59	3° 3	8°32	6°36	6°30	18°16	n.a.	T 8
F 9	20 32 39	6°11'18	6♓43	20° 5	21°44	17°43	4°28	3° 4	11° 1	3° 3	8°34	6°R36	6°26	18°22	n.a.	F 9
S 10	20 36 36	7° 9'54	18°56	20°24	22°58	18°24	4°37	3° 6	11° 4	3° 4	8°36	6°36	6°23	18°29	n.a.	S 10
S 11	20 40 32	8° 8'31	0♈58	20°53	24°13	19° 5	4°46	3° 9	11° 6	3° 4	8°38	6°36	6°20	18°36	n.a.	S 11
M12	20 44 29	9° 7'11	12°53	21°31	25°27	19°47	4°56	3°11	11° 8	3° 5	8°40	6°36	6°17	18°43	n.a.	M12
T 13	20 48 25	10° 5'54	24°46	22°17	26°42	20°28	5° 5	3°13	11°11	3° 5	8°42	6°35	6°14	18°49	n.a.	T 13
W14	20 52 22	11° 4'38	6♉39	23°11	27°56	21° 9	5°13	3°16	11°13	3° 6	8°45	6°D35	6°11	18°56	n.a.	W14
T 15	20 56 18	12° 3'25	18°39	24°12	29°11	21°50	5°22	3°19	11°15	3° 7	8°47	6°35	6° 7	19° 3	n.a.	T 15
F 16	21 0 15	13° 2'15	0♊48	25°21	0♍25	22°32	5°31	3°21	11°17	3° 7	8°49	6°35	6° 4	19° 9	n.a.	F 16
S 17	21 4 12	14° 1'07	13°13	26°36	1°40	23°14	5°39	3°24	11°19	3° 8	8°51	6°36	6° 1	19°16	n.a.	S 17
S 18	21 8 8	15° 0'01	25°56	27°57	2°54	23°55	5°48	3°27	11°21	3° 9	8°53	6°37	5°58	19°23	n.a.	S 18
M19	21 12 5	15°58'58	9♋ 0	29°22	4° 9	24°37	5°56	3°30	11°23	3°10	8°56	6°38	5°55	19°30	n.a.	M19
T 20	21 16 1	16°57'57	22°27	0♌52	5°23	25°19	6° 4	3°33	11°25	3°11	8°58	6°38	5°52	19°36	n.a.	T 20
W21	21 19 58	17°56'59	6♌17	2°26	6°37	26° 1	6°12	3°37	11°27	3°11	9° 0	6°R39	5°48	19°43	n.a.	W21
T 22	21 23 54	18°56'02	20°27	4° 3	7°52	26°42	6°20	3°40	11°29	3°12	9° 2	6°38	5°45	19°50	n.a.	T 22
F 23	21 27 51	19°55'08	4♍53	5°42	9° 6	27°24	6°28	3°43	11°31	3°13	9° 5	6°37	5°42	19°56	n.a.	F 23
S 24	21 31 47	20°54'16	19°29	7°24	10°21	28° 7	6°35	3°47	11°33	3°14	9° 7	6°36	5°39	20° 3	n.a.	S 24
S 25	21 35 44	21°53'25	4♎ 9	9° 8	11°35	28°49	6°43	3°50	11°35	3°15	9° 9	6°34	5°36	20°10	n.a.	S 25
M26	21 39 41	22°52'37	18°46	10°52	12°50	29°31	6°50	3°54	11°36	3°16	9°12	6°32	5°32	20°17	n.a.	M26
T 27	21 43 37	23°51'51	3♏14	12°38	14° 4	0♎13	6°57	3°57	11°38	3°17	9°14	6°30	5°29	20°23	n.a.	T 27
W28	21 47 34	24°51'06	17°31	14°25	15°19	0°56	7° 4	4° 1	11°40	3°18	9°16	6°30	5°26	20°30	n.a.	W28
T 29	21 51 30	25°50'24	1♐32	16°12	16°33	1°38	7°11	4° 5	11°41	3°19	9°19	6°D30	5°23	20°37	n.a.	T 29
F 30	21 55 27	26°49'43	15°17	17°59	17°47	2°21	7°18	4° 9	11°43	3°20	9°21	6°30	5°20	20°43	n.a.	F 30
S 31	21 59 23	27♌49'05	28♐47	19♌46	19♍ 2	3♎ 3	7♊24	4♏13	11♊44	3♏22	9♍23	6♒32	5♒17	20♈50	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	20n48	23s 8	5s 7	18n28	3s26	18n53	1n26	7n25	0n24	20n45	0s23	10s47	1n59	22n31	0n 7	10s59	1n51	24n 5	16n51	18s54	18s51	11n26			n.a.
F 2	20 36	25 59	4 40	18 51	3 11	18 32	1 26	7 9	0 23	20 47	0 23	10 48	1 58	22 32	0 7	10 59	1 51	24 4	16 51	18 54	18 52	11 29			n.a.
S 3	20 24	27 14	3 56	19 14	2 54	18 10	1 25	6 52	0 22	20 49	0 22	10 49	1 58	22 32	0 7	10 59	1 50	24 3	16 50	18 55	18 52	11 32			n.a.
S 4	20 11	26 47	3 0	19 36	2 37	17 47	1 25	6 36	0 21	20 51	0 22	10 50	1 58	22 32	0 7	10 59	1 50	24 2	16 50	18 55	18 53	11 35			n.a.
M 5	19 58	24 47	1 54	19 58	2 18	17 24	1 24	6 19	0 21	20 53	0 22	10 50	1 58	22 33	0 7	10 59	1 50	24 1	16 50	18 55	18 54	11 38			n.a.
T 6	19 44	21 27	0 44	20 19	2 0	17 0	1 24	6 2	0 20	20 55	0 22	10 51	1 57	22 33	0 7	10 59	1 50	24 0	16 49	18 55	18 55	11 41			n.a.
W 7	19 30	17 7	0n28	20 39	1 41	16 36	1 23	5 45	0 19	20 57	0 22	10 52	1 57	22 33	0 7	11 0	1 50	23 59	16 49	18 55	18 56	11 43			n.a.
T 8	19 16	12 7	1 37	20 57	1 22	16 11	1 22	5 28	0 18	20 58	0 22	10 53	1 57	22 34	0 7	11 0	1 50	23 58	16 49	18 55	18 56	11 46			n.a.
F 9	19 1	6 43	2 39	21 14	1 4	15 46	1 22	5 12	0 17	21 0	0 22	10 54	1 57	22 34	0 7	11 0	1 50	23 56	16 48	18 55	18 57	11 49			n.a.
S 10	18 46	1 11	3 34	21 29	0 46	15 20	1 21	4 55	0 17	21 2	0 22	10 55	1 56	22 35	0 7	11 0	1 50	23 55	16 48	18 55	18 58	11 52			n.a.
S 11	18 31	4n19	4 18	21 41	0 29	14 55	1 20	4 38	0 16	21 4	0 22	10 56	1 56	22 35	0 7	11 1	1 50	23 54	16 48	18 55	18 59	11 55			n.a.
M12	18 15	9 36	4 50	21 52	0 12	14 28	1 19	4 20	0 15	21 6	0 22	10 57	1 56	22 35	0 8	11 1	1 50	23 53	16 48	18 55	19 0	11 58			n.a.
T 13	17 59	14 32	5 10	22 0	0n 3	14 1	1 18	4 3	0 14	21 7	0 22	10 58	1 56	22 36	0 8	11 1	1 50	23 52	16 47	18 55	19 1	12 1			n.a.
W14	17 43	18 55	5 17	22 5	0 18	13 34	1 17	3 46	0 14	21 9	0 22	10 59	1 55	22 36	0 8	11 1	1 50	23 51	16 47	18 55	19 1	12 4			n.a.
T 15	17 27	22 36	5 10	22 8	0 32	13 7	1 15	3 29	0 13	21 11	0 22	11 1	1 55	22 36	0 8	11 2	1 50	23 50	16 47	18 55	19 2	12 6			n.a.
F 16	17 10	25 21	4 49	22 8	0 45	12 39	1 14	3 11	0 12	21 12	0 22	11 2	1 55	22 37	0 8	11 2	1 50	23 49	16 47	18 55	19 3	12 9			n.a.
S 17	16 53	26 57	4 15	22 5	0 56	12 11	1 13	2 54	0 11	21 14	0 22	11 3	1 55	22 37	0 8	11 2	1 50	23 48	16 46	18 55	19 4	12 12			n.a.
S 18	16 35	27 12	3 27	21 59	1 6	11 43	1 12	2 37	0 10	21 15	0 22	11 4	1 55	22 37	0 8	11 3	1 49	23 47	16 46	18 55	19 5	12 15			n.a.
M19	16 18	25 57	2 27	21 50	1 16	11 14	1 10	2 19	0 10	21 17	0 22	11 5	1 54	22 37	0 8	11 3	1 49	23 46	16 46	18 54	19 5	12 18			n.a.
T 20	16 0	23 11	1 18	21 38	1 24	10 45	1 9	2 2	0 9	21 18	0 21	11 7	1 54	22 38	0 8	11 3	1 49	23 45	16 46	18 54	19 6	12 21			n.a.
W21	15 41	19 2	0 2	21 24	1 31	10 15	1 7	1 44	0 8	21 20	0 21	11 8	1 54	22 38	0 8	11 4	1 49	23 44	16 46	18 54	19 7	12 23			n.a.
T 22	15 23	13 42	1s16	21 7	1 37	9 46	1 6	1 26	0 7	21 21	0 21	11 9	1 54	22 38	0 8	11 4	1 49	23 42	16 45	18 54	19 8	12 26			n.a.
F 23	15 4	7 33	2 30	20 47	1 42	9 16	1 4	1 9	0 7	21 23	0 21	11 11	1 53	22 39	0 8	11 4	1 49	23 41	16 45	18 55	19 8	12 29			n.a.
S 24	14 45	0 56	3 35	20 25	1 46	8 46	1 2	0 51	0 6	21 24	0 21	11 12	1 53	22 39	0 8	11 5	1 49	23 40	16 45	18 55	19 9	12 32			n.a.
S 25	14 26	5s44	4 27	20 0	1 49	8 15	1 0	0 33	0 5	21 25	0 21	11 13	1 53	22 39	0 8	11 5	1 49	23 39	16 45	18 55	19 10	12 35			n.a.
M26	14 6	12 5	5 0	19 33	1 51	7 45	0 59	0 16	0 4	21 27	0 21	11 15	1 53	22 39	0 8	11 6	1 49	23 38	16 45	18 56	19 11	12 38			n.a.
T 27	13 46	17 42	5 15	19 5	1 52	7 14	0 57	0s 2	0 4	21 28	0 21	11 16	1 53	22 40	0 8	11 6	1 49	23 37	16 45	18 56	19 12	12 40			n.a.
W28	13 26	22 16	5 10	18 34	1 53	6 43	0 55	0 20	0 3	21 29	0 21	11 18	1 52	22 40	0 8	11 6	1 49	23 36	16 45	18 57	19 12	12 43			n.a.
T 29	13 6	25 27	4 46	18 2	1 53	6 12	0 53	0 38	0 2	21 30	0 21	11 19	1 52	22 40	0 8	11 7	1 49	23 35	16 44	18 57	19 13	12 46			n.a.
F 30	12 46	27 4	4 6	17 28	1 52	5 41	0 51	0 56	0 1	21 32	0 21	11 21	1 52	22 40	0 8	11 7	1 49	23 34	16 44	18 56	19 14	12 49			n.a.
S 31	12n25	27s 2	3s13	16n52	1n51	5n 9	0n49	1s13	0n 1	21n33	0s21	11s23	1n52	22n41	0n 8	11s 8	1n49	23n33	16n44	18s56	19s15	12n52			n.a.

Julian Day Number = 1360403.5, Delta T = 06h59m27s
Ecliptic obliquity = 23°48'53, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°43'17, Lahiri = -17°36'16 Julian Calendar 1 Aug. 989 BCE == Greg. Calendar 23 July 989 BCE

The year -988 astronomical counting style corresponds to year 989 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 989 BCE
geocentric

SEPTEMBER 989 BCE (-988) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 3 20	28♌48'28	12♉ 1	21♌33	20♍16	3♎46	7♊31	4♏17	11♊46	3♏23	9♍26	6♒33	5♒13	20♈57	n.a.	S 1
M 2	22 7 16	29°47'53	25° 1	23°20	21°31	4°28	7°37	4°21	11°47	3°24	9°28	6°34	5°10	21° 4	n.a.	M 2
T 3	22 11 13	0♍47'20	7♒49	25° 6	22°45	5°11	7°43	4°26	11°48	3°25	9°31	6°R35	5° 7	21°10	n.a.	T 3
W 4	22 15 9	1°46'49	20°25	26°52	23°59	5°54	7°49	4°30	11°49	3°27	9°33	6°34	5° 4	21°17	n.a.	W 4
T 5	22 19 6	2°46'21	2♓49	28°38	25°14	6°37	7°55	4°34	11°51	3°28	9°35	6°32	5° 1	21°24	n.a.	T 5
F 6	22 23 3	3°45'54	15° 4	0♍23	26°28	7°20	8° 1	4°39	11°52	3°29	9°38	6°28	4°58	21°31	n.a.	F 6
S 7	22 26 59	4°45'29	27°10	2° 7	27°43	8° 3	8° 6	4°43	11°53	3°31	9°40	6°24	4°54	21°37	n.a.	S 7
S 8	22 30 56	5°45'07	9♈ 9	3°51	28°57	8°46	8°11	4°48	11°54	3°32	9°42	6°19	4°51	21°44	n.a.	S 8
M 9	22 34 52	6°44'47	21° 3	5°34	0♎11	9°29	8°17	4°53	11°55	3°33	9°45	6°13	4°48	21°51	n.a.	M 9
T 10	22 38 49	7°44'30	2♉54	7°16	1°26	10°13	8°22	4°57	11°56	3°35	9°47	6° 8	4°45	21°57	n.a.	T 10
W11	22 42 45	8°44'15	14°47	8°58	2°40	10°56	8°26	5° 2	11°57	3°36	9°50	6° 5	4°42	22° 4	n.a.	W11
T 12	22 46 42	9°44'02	26°44	10°39	3°54	11°39	8°31	5° 7	11°58	3°38	9°52	6° 2	4°38	22°11	n.a.	T 12
F 13	22 50 38	10°43'52	8♊50	12°20	5° 8	12°23	8°35	5°12	11°58	3°39	9°54	6°D 1	4°35	22°18	n.a.	F 13
S 14	22 54 35	11°43'44	21°10	14° 0	6°23	13° 6	8°40	5°17	11°59	3°41	9°57	6° 1	4°32	22°24	n.a.	S 14
S 15	22 58 31	12°43'38	3♋49	15°39	7°37	13°50	8°44	5°22	12° 0	3°42	9°59	6° 3	4°29	22°31	n.a.	S 15
M16	23 2 28	13°43'35	16°51	17°18	8°51	14°34	8°48	5°27	12° 1	3°44	10° 2	6° 4	4°26	22°38	n.a.	M16
T 17	23 6 25	14°43'34	0♌18	18°56	10° 6	15°17	8°52	5°32	12° 1	3°46	10° 4	6°R 5	4°23	22°44	n.a.	T 17
W18	23 10 21	15°43'35	14°13	20°34	11°20	16° 1	8°55	5°38	12° 2	3°47	10° 6	6° 5	4°19	22°51	n.a.	W18
T 19	23 14 18	16°43'39	28°35	22°11	12°34	16°45	8°58	5°43	12° 2	3°49	10° 9	6° 3	4°16	22°58	n.a.	T 19
F 20	23 18 14	17°43'44	13♍19	23°47	13°48	17°29	9° 2	5°48	12° 2	3°51	10°11	5°59	4°13	23° 5	n.a.	F 20
S 21	23 22 11	18°43'52	28°19	25°23	15° 3	18°13	9° 5	5°54	12° 3	3°52	10°14	5°54	4°10	23°11	n.a.	S 21
S 22	23 26 7	19°44'01	13♎25	26°59	16°17	18°57	9° 7	5°59	12° 3	3°54	10°16	5°47	4° 7	23°18	n.a.	S 22
M23	23 30 4	20°44'13	28°27	28°33	17°31	19°41	9°10	6° 5	12° 3	3°56	10°18	5°40	4° 3	23°25	n.a.	M23
T 24	23 34 0	21°44'26	13♏18	0♎ 8	18°45	20°25	9°13	6°10	12° 4	3°58	10°21	5°34	4° 0	23°32	n.a.	T 24
W25	23 37 57	22°44'41	27°49	1°42	19°59	21° 9	9°15	6°16	12° 4	3°59	10°23	5°29	3°57	23°38	n.a.	W25
T 26	23 41 54	23°44'58	11♐56	3°15	21°13	21°54	9°17	6°22	12° 4	4° 1	10°25	5°27	3°54	23°45	n.a.	T 26
F 27	23 45 50	24°45'16	25°40	4°49	22°28	22°38	9°19	6°28	12°R 4	4° 3	10°28	5°D26	3°51	23°52	n.a.	F 27
S 28	23 49 47	25°45'36	9♑ 1	6°21	23°42	23°23	9°20	6°34	12° 4	4° 5	10°30	5°27	3°48	23°58	n.a.	S 28
S 29	23 53 43	26°45'57	22° 2	7°53	24°56	24° 7	9°22	6°39	12° 4	4° 7	10°33	5°28	3°44	24° 5	n.a.	S 29
M30	23 57 40	27♍46'20	4♒46	9♎25	26♎10	24♎52	9♊23	6♏45	12♊ 4	4♏ 9	10♍35	5°R29	3♒41	24♈12	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n 4	25s26	2s11	16n16	1n49	4n37	0n47	1s31	0s 0	21n34	0s21	11s24	1n51	22n41	0n 8	11s 8	1n49	23n32	16n44	18s56	19s16	12n54		n.a.
M 2	11 43	22 30	1 3	15 38	1 47	4 6	0 44	1 49	0 1	21 35	0 21	11 26	1 51	22 41	0 8	11 9	1 49	23 31	16 44	18 55	19 16	12 57		n.a.
T 3	11 22	18 30	0n 7	14 59	1 44	3 34	0 42	2 7	0 2	21 36	0 21	11 27	1 51	22 41	0 8	11 9	1 49	23 30	16 44	18 55	19 17	13 0		n.a.
W 4	11 0	13 43	1 15	14 20	1 41	3 2	0 40	2 25	0 2	21 37	0 21	11 29	1 51	22 41	0 8	11 10	1 48	23 29	16 44	18 55	19 18	13 3		n.a.
T 5	10 39	8 28	2 19	13 39	1 37	2 30	0 38	2 43	0 3	21 38	0 20	11 31	1 51	22 42	0 8	11 10	1 48	23 28	16 44	18 56	19 19	13 5		n.a.
F 6	10 17	2 58	3 15	12 58	1 33	1 58	0 35	3 1	0 4	21 39	0 20	11 32	1 50	22 42	0 8	11 11	1 48	23 27	16 44	18 57	19 19	13 8		n.a.
S 7	9 55	2n33	4 2	12 16	1 29	1 26	0 33	3 19	0 5	21 40	0 20	11 34	1 50	22 42	0 8	11 11	1 48	23 26	16 44	18 58	19 20	13 11		n.a.
S 8	9 33	7 55	4 38	11 34	1 24	0 53	0 31	3 37	0 5	21 41	0 20	11 36	1 50	22 42	0 8	11 12	1 48	23 25	16 44	18 59	19 21	13 14		n.a.
M 9	9 10	12 58	5 1	10 51	1 19	0 21	0 28	3 55	0 6	21 42	0 20	11 38	1 50	22 42	0 8	11 12	1 48	23 24	16 44	19 1	19 22	13 17		n.a.
T 10	8 48	17 32	5 11	10 7	1 14	0s11	0 26	4 12	0 7	21 43	0 20	11 39	1 50	22 42	0 8	11 13	1 48	23 23	16 44	19 2	19 23	13 19		n.a.
W11	8 25	21 25	5 8	9 24	1 9	0 43	0 23	4 30	0 7	21 44	0 20	11 41	1 49	22 42	0 8	11 13	1 48	23 22	16 44	19 3	19 23	13 22		n.a.
T 12	8 2	24 27	4 52	8 40	1 3	1 16	0 21	4 48	0 8	21 44	0 20	11 43	1 49	22 43	0 8	11 14	1 48	23 21	16 44	19 3	19 24	13 25		n.a.
F 13	7 39	26 26	4 22	7 55	0 58	1 48	0 18	5 6	0 9	21 45	0 20	11 45	1 49	22 43	0 8	11 14	1 48	23 20	16 44	19 4	19 25	13 28		n.a.
S 14	7 16	27 11	3 40	7 11	0 52	2 20	0 15	5 24	0 10	21 46	0 20	11 47	1 49	22 43	0 8	11 15	1 48	23 19	16 44	19 4	19 26	13 30		n.a.
S 15	6 53	26 32	2 47	6 26	0 46	2 52	0 13	5 42	0 10	21 47	0 20	11 49	1 49	22 43	0 8	11 16	1 48	23 18	16 44	19 3	19 26	13 33		n.a.
M16	6 30	24 26	1 43	5 42	0 40	3 25	0 10	6 0	0 11	21 47	0 20	11 51	1 48	22 43	0 8	11 16	1 48	23 18	16 44	19 3	19 27	13 36		n.a.
T 17	6 6	20 55	0 31	4 57	0 33	3 57	0 7	6 17	0 12	21 48	0 20	11 52	1 48	22 43	0 8	11 17	1 48	23 17	16 44	19 3	19 28	13 39		n.a.
W18	5 43	16 7	0s44	4 12	0 27	4 29	0 5	6 35	0 12	21 49	0 20	11 54	1 48	22 43	0 8	11 17	1 48	23 16	16 44	19 3	19 29	13 41		n.a.
T 19	5 19	10 18	1 59	3 28	0 20	5 1	0 2	6 53	0 13	21 49	0 20	11 56	1 48	22 43	0 8	11 18	1 48	23 15	16 44	19 3	19 30	13 44		n.a.
F 20	4 55	3 46	3 8	2 43	0 14	5 32	0s 1	7 11	0 14	21 50	0 19	11 58	1 48	22 43	0 8	11 19	1 48	23 14	16 44	19 4	19 30	13 47		n.a.
S 21	4 32	3s 3	4 5	1 58	0 7	6 4	0 4	7 28	0 15	21 50	0 19	12 0	1 48	22 43	0 8	11 19	1 48	23 13	16 44	19 6	19 31	13 49		n.a.
S 22	4 8	9 44	4 45	1 14	0 1	6 36	0 6	7 46	0 15	21 51	0 19	12 2	1 47	22 44	0 8	11 20	1 47	23 12	16 44	19 7	19 32	13 52		n.a.
M23	3 44	15 50	5 6	0 30	0s 6	7 7	0 9	8 4	0 16	21 51	0 19	12 4	1 47	22 44	0 8	11 21	1 47	23 11	16 44	19 9	19 33	13 55		n.a.
T 24	3 20	20 55	5 5	0s15	0 13	7 39	0 12	8 21	0 17	21 52	0 19	12 6	1 47	22 44	0 8	11 21	1 47	23 11	16 44	19 10	19 33	13 58		n.a.
W25	2 55	24 36	4 45	0 59	0 19	8 10	0 15	8 39	0 17	21 52	0 19	12 8	1 47	22 44	0 8	11 22	1 47	23 10	16 44	19 12	19 34	14 0		n.a.
T 26	2 31	26 40	4 8	1 42	0 26	8 41	0 18	8 56	0 18	21 53	0 19	12 10	1 47	22 44	0 8	11 23	1 47	23 9	16 45	19 12	19 35	14 3		n.a.
F 27	2 7	27 2	3 18	2 26	0 32	9 11	0 20	9 14	0 19	21 53	0 19	12 13	1 47	22 44	0 8	11 23	1 47	23 8	16 45	19 12	19 36	14 6		n.a.
S 28	1 43	25 47	2 17	3 9	0 39	9 42	0 23	9 31	0 19	21 53	0 19	12 15	1 46	22 44	0 8	11 24	1 47	23 7	16 45	19 12	19 36	14 8		n.a.
S 29	1 18	23 9	1 12	3 52	0 45	10 12	0 26	9 48	0 20	21 54	0 19	12 17	1 46	22 44	0 8	11 25	1 47	23 6	16 45	19 12	19 37	14 11		n.a.
M30	0n54	19s26	0s 4	4s35	0s52	10s42	0s29	10s 6	0s21	21n54	0s19	12s19	1n46	22n44	0n 8	11s25	1n47	23n 6	16n45	19s12	19s38	14n14		n.a.

Julian Day Number = 1360434.5, Delta T = 06h59m26s
Ecliptic obliquity = 23°48'53, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°43'13, Lahiri = -17°36'12 Julian Calendar 1 Sept. 989 BCE == Greg. Calendar 23 Aug. 989 BCE

The year -988 astronomical counting style corresponds to year 989 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 989 BCE
geocentric

OCTOBER 989 BCE (-988) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 1 36	28♍46'44	17♒16	10♎57	27♎24	25♎36	9♊24	6♏51	12°R 3	4♏11	10♍37	5°R28	3♒38	24♈19	n.a.	T 1
W 2	0 5 33	29°47'11	29°35	12°28	28°38	26°21	9°25	6°57	12♊ 3	4°12	10°39	5♒25	3°35	24°25	n.a.	W 2
T 3	0 9 29	0♎47'38	11♓46	13°58	29°52	27° 6	9°26	7° 3	12° 3	4°14	10°42	5°19	3°32	24°32	n.a.	T 3
F 4	0 13 26	1°48'07	23°50	15°28	1♏ 6	27°50	9°26	7°10	12° 2	4°16	10°44	5°11	3°29	24°39	n.a.	F 4
S 5	0 17 23	2°48'39	5♈49	16°58	2°20	28°35	9°27	7°16	12° 2	4°18	10°46	5° 1	3°25	24°45	n.a.	S 5
S 6	0 21 19	3°49'11	17°44	18°28	3°34	29°20	9°R27	7°22	12° 2	4°20	10°49	4°49	3°22	24°52	n.a.	S 6
M 7	0 25 16	4°49'46	29°36	19°57	4°48	0♏ 5	9°27	7°28	12° 1	4°22	10°51	4°37	3°19	24°59	n.a.	M 7
T 8	0 29 12	5°50'22	11♉28	21°25	6° 2	0°50	9°26	7°34	12° 1	4°24	10°53	4°26	3°16	25° 6	n.a.	T 8
W 9	0 33 9	6°51'00	23°21	22°53	7°16	1°35	9°26	7°41	12° 0	4°26	10°55	4°16	3°13	25°12	n.a.	W 9
T 10	0 37 5	7°51'40	5♊18	24°21	8°30	2°20	9°25	7°47	11°59	4°29	10°57	4° 8	3° 9	25°19	n.a.	T 10
F 11	0 41 2	8°52'22	17°22	25°48	9°44	3° 5	9°24	7°54	11°59	4°31	11° 0	4° 3	3° 6	25°26	n.a.	F 11
S 12	0 44 58	9°53'06	29°39	27°14	10°57	3°51	9°23	8° 0	11°58	4°33	11° 2	4° 1	3° 3	25°33	n.a.	S 12
S 13	0 48 55	10°53'51	12♋11	28°40	12°11	4°36	9°22	8° 6	11°57	4°35	11° 4	4°D 0	3° 0	25°39	n.a.	S 13
M14	0 52 52	11°54'38	25° 5	0♏ 5	13°25	5°21	9°20	8°13	11°56	4°37	11° 6	4° 1	2°57	25°46	n.a.	M14
T 15	0 56 48	12°55'27	8♌25	1°29	14°39	6° 7	9°18	8°20	11°55	4°39	11° 8	4°R 1	2°54	25°53	n.a.	T 15
W16	1 0 45	13°56'18	22°13	2°53	15°53	6°52	9°17	8°26	11°54	4°41	11°10	4° 0	2°50	25°59	n.a.	W16
T 17	1 4 41	14°57'10	6♍31	4°15	17° 6	7°37	9°14	8°33	11°53	4°43	11°13	3°56	2°47	26° 6	n.a.	T 17
F 18	1 8 38	15°58'04	21°16	5°37	18°20	8°23	9°12	8°39	11°52	4°46	11°15	3°50	2°44	26°13	n.a.	F 18
S 19	1 12 34	16°58'59	6♎23	6°57	19°34	9° 9	9°10	8°46	11°51	4°48	11°17	3°41	2°41	26°20	n.a.	S 19
S 20	1 16 31	17°59'56	21°42	8°15	20°48	9°54	9° 7	8°53	11°50	4°50	11°19	3°30	2°38	26°26	n.a.	S 20
M21	1 20 27	19° 0'54	7♏ 3	9°32	22° 1	10°40	9° 4	8°59	11°48	4°52	11°21	3°18	2°34	26°33	n.a.	M21
T 22	1 24 24	20° 1'53	22°12	10°47	23°15	11°26	9° 1	9° 6	11°47	4°54	11°23	3° 8	2°31	26°40	n.a.	T 22
W23	1 28 20	21° 2'53	7♐ 1	12° 0	24°29	12°12	8°58	9°13	11°46	4°56	11°25	3° 0	2°28	26°46	n.a.	W23
T 24	1 32 17	22° 3'54	21°23	13°10	25°42	12°57	8°54	9°20	11°44	4°59	11°27	2°54	2°25	26°53	n.a.	T 24
F 25	1 36 14	23° 4'57	5♑16	14°17	26°56	13°43	8°51	9°27	11°43	5° 1	11°29	2°51	2°22	27° 0	n.a.	F 25
S 26	1 40 10	24° 5'59	18°41	15°22	28° 9	14°29	8°47	9°34	11°42	5° 3	11°31	2°50	2°19	27° 7	n.a.	S 26
S 27	1 44 7	25° 7'03	1♒40	16°22	29°23	15°15	8°43	9°40	11°40	5° 5	11°32	2°50	2°15	27°13	n.a.	S 27
M28	1 48 3	26° 8'07	14°19	17°18	0♐36	16° 1	8°38	9°47	11°38	5° 8	11°34	2°50	2°12	27°20	n.a.	M28
T 29	1 52 0	27° 9'12	26°40	18° 9	1°50	16°47	8°34	9°54	11°37	5°10	11°36	2°48	2° 9	27°27	n.a.	T 29
W30	1 55 56	28°10'18	8♓50	18°54	3° 3	17°33	8°30	10° 1	11°35	5°12	11°38	2°43	2° 6	27°34	n.a.	W30
T 31	1 59 53	29♎11'24	20♓51	19♏33	4♐16	18♏20	8♊25	10♏ 8	11♊34	5♏14	11♍40	2♒36	2♒ 3	27♈40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	0n30	14s54	1n 3	5s17	0s58	11s12	0s32	10s23	0s21	21n54	0s19	12s21	1n46	22n44	0n 8	11s26	1n47	23n 5	16n45	19s12	19s39	14n16			n.a.
W 2	0 5	9 50	2 6	5 59	1 5	11 42	0 35	10 40	0 22	21 54	0 19	12 23	1 46	22 44	0 8	11 27	1 47	23 4	16 46	19 13	19 39	14 19			n.a.
T 3	0s19	4 28	3 2	6 41	1 11	12 11	0 37	10 57	0 23	21 54	0 19	12 25	1 46	22 44	0 8	11 27	1 47	23 3	16 46	19 14	19 40	14 22			n.a.
F 4	0 44	1n 0	3 49	7 22	1 17	12 40	0 40	11 14	0 23	21 55	0 18	12 27	1 46	22 44	0 8	11 28	1 47	23 3	16 46	19 16	19 41	14 24			n.a.
S 5	1 8	6 23	4 25	8 3	1 23	13 9	0 43	11 31	0 24	21 55	0 18	12 30	1 45	22 44	0 8	11 29	1 47	23 2	16 46	19 19	19 42	14 27			n.a.
S 6	1 32	11 31	4 50	8 43	1 29	13 37	0 46	11 48	0 25	21 55	0 18	12 32	1 45	22 44	0 8	11 29	1 47	23 1	16 46	19 22	19 42	14 30			n.a.
M 7	1 57	16 12	5 2	9 22	1 35	14 5	0 48	12 4	0 25	21 55	0 18	12 34	1 45	22 43	0 8	11 30	1 47	23 1	16 47	19 24	19 43	14 32			n.a.
T 8	2 21	20 16	5 1	10 1	1 40	14 33	0 51	12 21	0 26	21 55	0 18	12 36	1 45	22 43	0 8	11 31	1 47	23 0	16 47	19 27	19 44	14 35			n.a.
W 9	2 46	23 31	4 47	10 40	1 45	15 0	0 54	12 37	0 27	21 55	0 18	12 38	1 45	22 43	0 8	11 32	1 47	22 59	16 47	19 30	19 45	14 38			n.a.
T 10	3 10	25 47	4 20	11 18	1 51	15 27	0 57	12 54	0 27	21 55	0 18	12 41	1 45	22 43	0 9	11 32	1 47	22 59	16 47	19 31	19 45	14 40			n.a.
F 11	3 34	26 53	3 41	11 55	1 56	15 54	0 59	13 10	0 28	21 55	0 18	12 43	1 45	22 43	0 9	11 33	1 47	22 58	16 48	19 33	19 46	14 43			n.a.
S 12	3 58	26 41	2 52	12 31	2 0	16 20	1 2	13 26	0 28	21 55	0 18	12 45	1 44	22 43	0 9	11 34	1 47	22 57	16 48	19 33	19 47	14 46			n.a.
S 13	4 23	25 8	1 53	13 6	2 5	16 45	1 5	13 43	0 29	21 55	0 18	12 47	1 44	22 43	0 9	11 35	1 47	22 57	16 48	19 33	19 48	14 48			n.a.
M14	4 47	22 13	0 47	13 41	2 9	17 11	1 7	13 59	0 30	21 55	0 18	12 49	1 44	22 43	0 9	11 35	1 47	22 56	16 48	19 33	19 48	14 51			n.a.
T 15	5 11	18 4	0s23	14 15	2 13	17 36	1 10	14 15	0 30	21 54	0 17	12 52	1 44	22 43	0 9	11 36	1 47	22 56	16 49	19 33	19 49	14 53			n.a.
W16	5 35	12 50	1 35	14 48	2 16	18 0	1 12	14 30	0 31	21 54	0 17	12 54	1 44	22 43	0 9	11 37	1 47	22 55	16 49	19 34	19 50	14 56			n.a.
T 17	5 59	6 44	2 43	15 19	2 20	18 24	1 15	14 46	0 32	21 54	0 17	12 56	1 44	22 43	0 9	11 38	1 47	22 55	16 49	19 34	19 51	14 59			n.a.
F 18	6 23	0 7	3 43	15 50	2 22	18 48	1 17	15 2	0 32	21 54	0 17	12 58	1 44	22 42	0 9	11 38	1 47	22 54	16 50	19 36	19 51	15 1			n.a.
S 19	6 46	6s40	4 28	16 19	2 25	19 11	1 20	15 17	0 33	21 53	0 17	13 1	1 44	22 42	0 9	11 39	1 47	22 53	16 50	19 38	19 52	15 4			n.a.
S 20	7 10	13 8	4 55	16 47	2 27	19 33	1 22	15 32	0 33	21 53	0 17	13 3	1 44	22 42	0 9	11 40	1 47	22 53	16 50	19 41	19 53	15 6			n.a.
M21	7 34	18 47	5 0	17 14	2 28	19 55	1 25	15 48	0 34	21 53	0 17	13 5	1 43	22 42	0 9	11 41	1 47	22 52	16 51	19 43	19 54	15 9			n.a.
T 22	7 57	23 11	4 45	17 39	2 29	20 17	1 27	16 3	0 35	21 52	0 17	13 7	1 43	22 42	0 9	11 41	1 46	22 52	16 51	19 46	19 54	15 12			n.a.
W23	8 20	25 56	4 10	18 2	2 29	20 38	1 29	16 18	0 35	21 52	0 17	13 10	1 43	22 42	0 9	11 42	1 46	22 52	16 51	19 48	19 55	15 14			n.a.
T 24	8 43	26 52	3 20	18 24	2 29	20 58	1 31	16 32	0 36	21 51	0 17	13 12	1 43	22 42	0 9	11 43	1 46	22 51	16 52	19 49	19 56	15 17			n.a.
F 25	9 6	26 3	2 20	18 43	2 28	21 18	1 34	16 47	0 36	21 51	0 16	13 14	1 43	22 41	0 9	11 44	1 46	22 51	16 52	19 50	19 56	15 19			n.a.
S 26	9 29	23 43	1 14	19 1	2 26	21 37	1 36	17 1	0 37	21 50	0 16	13 17	1 43	22 41	0 9	11 44	1 46	22 50	16 52	19 50	19 57	15 22			n.a.
S 27	9 52	20 12	0 6	19 16	2 23	21 55	1 38	17 16	0 37	21 50	0 16	13 19	1 43	22 41	0 9	11 45	1 46	22 50	16 53	19 50	19 58	15 25			n.a.
M28	10 15	15 50	1n 0	19 29	2 19	22 13	1 40	17 30	0 38	21 49	0 16	13 21	1 43	22 41	0 9	11 46	1 46	22 49	16 53	19 50	19 59	15 27			n.a.
T 29	10 37	10 54	2 2	19 39	2 14	22 31	1 42	17 44	0 39	21 49	0 16	13 23	1 43	22 41	0 9	11 47	1 46	22 49	16 54	19 50	19 59	15 30			n.a.
W30	10 59	5 39	2 58	19 46	2 9	22 47	1 44	17 58	0 39	21 48	0 16	13 26	1 43	22 40	0 9	11 47	1 46	22 49	16 54	19 52	20 0	15 32			n.a.
T 31	11s21	0s15	3n44	19s50	2s 1	23s 4	1s46	18s11	0s40	21n48	0s16	13s28	1n43	22n40	0n 9	11s48	1n46	22n48	16n54	19s53	20s 1	15n35			n.a.

Julian Day Number = 1360464.5, Delta T = 06h59m24s
Ecliptic obliquity = 23°48'53, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°43'09, Lahiri = -17°36'08 Julian Calendar 1 Oct. 989 BCE == Greg. Calendar 22 Sept. 989 BCE

The year -988 astronomical counting style corresponds to year 989 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 989 BCE
geocentric

NOVEMBER 989 BCE (-988) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 3 50	0♏12'31	2♈47	20♏ 5	5♐30	19♏ 6	8°R20	10♏15	11°R32	5♏17	11♍41	2°R26	2♒ 0	27♈47	n.a.	F 1
S 2	2 7 46	1°13'39	14°41	20°29	6°43	19°52	8♊15	10°22	11♊30	5°19	11°43	2♒13	1°56	27°54	n.a.	S 2
S 3	2 11 43	2°14'48	26°33	20°44	7°56	20°38	8°10	10°29	11°28	5°21	11°45	1°58	1°53	28° 0	n.a.	S 3
M 4	2 15 39	3°15'57	8♉26	20°R49	9° 9	21°25	8° 4	10°36	11°26	5°23	11°47	1°42	1°50	28° 7	n.a.	M 4
T 5	2 19 36	4°17'07	20°21	20°43	10°23	22°11	7°59	10°43	11°24	5°26	11°48	1°28	1°47	28°14	n.a.	T 5
W 6	2 23 32	5°18'18	2♊18	20°27	11°36	22°57	7°53	10°50	11°23	5°28	11°50	1°15	1°44	28°21	n.a.	W 6
T 7	2 27 29	6°19'30	14°21	19°59	12°49	23°44	7°47	10°57	11°21	5°30	11°52	1° 5	1°40	28°27	n.a.	T 7
F 8	2 31 25	7°20'43	26°30	19°19	14° 2	24°30	7°41	11° 4	11°19	5°32	11°53	0°58	1°37	28°34	n.a.	F 8
S 9	2 35 22	8°21'56	8♋49	18°29	15°15	25°17	7°35	11°11	11°17	5°35	11°55	0°54	1°34	28°41	n.a.	S 9
S 10	2 39 19	9°23'10	21°21	17°28	16°28	26° 3	7°29	11°18	11°14	5°37	11°56	0°52	1°31	28°48	n.a.	S 10
M11	2 43 15	10°24'25	4♌11	16°18	17°40	26°50	7°22	11°25	11°12	5°39	11°58	0°52	1°28	28°54	n.a.	M11
T 12	2 47 12	11°25'41	17°22	15° 1	18°53	27°36	7°16	11°32	11°10	5°42	11°59	0°52	1°25	29° 1	n.a.	T 12
W13	2 51 8	12°26'57	0♍59	13°41	20° 6	28°23	7° 9	11°39	11° 8	5°44	12° 1	0°50	1°21	29° 8	n.a.	W13
T 14	2 55 5	13°28'14	15° 3	12°18	21°19	29°10	7° 2	11°46	11° 6	5°46	12° 2	0°47	1°18	29°14	n.a.	T 14
F 15	2 59 1	14°29'32	29°35	10°57	22°31	29°57	6°55	11°53	11° 4	5°48	12° 3	0°41	1°15	29°21	n.a.	F 15
S 16	3 2 58	15°30'50	14♎30	9°39	23°44	0♐43	6°48	12° 0	11° 1	5°51	12° 5	0°33	1°12	29°28	n.a.	S 16
S 17	3 6 54	16°32'09	29°42	8°27	24°57	1°30	6°41	12° 7	10°59	5°53	12° 6	0°22	1° 9	29°35	n.a.	S 17
M18	3 10 51	17°33'27	15♏ 1	7°24	26° 9	2°17	6°34	12°14	10°57	5°55	12° 7	0°11	1° 6	29°41	n.a.	M18
T 19	3 14 48	18°34'47	0♐14	6°29	27°22	3° 4	6°26	12°21	10°54	5°57	12° 9	0° 0	1° 2	29°48	n.a.	T 19
W20	3 18 44	19°36'06	15°12	5°45	28°34	3°51	6°19	12°28	10°52	5°59	12°10	29♑51	0°59	29°55	n.a.	W20
T 21	3 22 41	20°37'25	29°45	5°12	29°46	4°38	6°11	12°35	10°50	6° 2	12°11	29°45	0°56	0♉ 1	n.a.	T 21
F 22	3 26 37	21°38'45	13♑50	4°49	0♑59	5°25	6° 4	12°42	10°47	6° 4	12°12	29°42	0°53	0° 8	n.a.	F 22
S 23	3 30 34	22°40'04	27°24	4°37	2°11	6°11	5°56	12°49	10°45	6° 6	12°13	29°D41	0°50	0°15	n.a.	S 23
S 24	3 34 30	23°41'22	10♒31	4°D34	3°23	6°58	5°48	12°56	10°42	6° 8	12°15	29°41	0°46	0°22	n.a.	S 24
M25	3 38 27	24°42'40	23°13	4°40	4°35	7°46	5°41	13° 3	10°40	6°10	12°16	29°R42	0°43	0°28	n.a.	M25
T 26	3 42 24	25°43'58	5♓35	4°55	5°47	8°33	5°33	13°10	10°38	6°13	12°17	29°41	0°40	0°35	n.a.	T 26
W27	3 46 20	26°45'15	17°43	5°17	6°59	9°20	5°25	13°17	10°35	6°15	12°18	29°39	0°37	0°42	n.a.	W27
T 28	3 50 17	27°46'32	29°42	5°47	8°11	10° 7	5°17	13°24	10°33	6°17	12°19	29°34	0°34	0°49	n.a.	T 28
F 29	3 54 13	28°47'48	11♈35	6°22	9°22	10°54	5° 9	13°31	10°30	6°19	12°20	29°26	0°31	0°55	n.a.	F 29
S 30	3 58 10	29♏49'04	23♈26	7♏ 3	10♑34	11♐41	5♊ 1	13♏37	10♊27	6♏21	12♍20	29♑16	0♒27	1♉ 2	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s43	5n 6	4n21	19s51	1s53	23s19	1s47	18s25	0s40	21n47	0s16	13s30	1n42	22n40	0n 9	11s49	1n46	22n48	16n55	19s56	20s 2	15n37		n.a.
S 2	12 5	10 14	4 45	19 48	1 43	23 34	1 49	18 38	0 41	21 46	0 16	13 33	1 42	22 40	0 9	11 50	1 46	22 48	16 55	19 59	20 2	15 40		n.a.
S 3	12 26	15 0	4 58	19 42	1 32	23 48	1 51	18 51	0 41	21 45	0 15	13 35	1 42	22 39	0 9	11 51	1 46	22 47	16 56	20 2	20 3	15 42		n.a.
M 4	12 48	19 12	4 57	19 31	1 20	24 1	1 52	19 4	0 42	21 45	0 15	13 37	1 42	22 39	0 9	11 51	1 46	22 47	16 56	20 5	20 4	15 45		n.a.
T 5	13 9	22 39	4 43	19 16	1 5	24 14	1 54	19 17	0 42	21 44	0 15	13 39	1 42	22 39	0 9	11 52	1 46	22 47	16 57	20 9	20 4	15 47		n.a.
W 6	13 30	25 8	4 17	18 56	0 50	24 26	1 55	19 30	0 43	21 43	0 15	13 42	1 42	22 39	0 9	11 53	1 46	22 47	16 57	20 12	20 5	15 50		n.a.
T 7	13 50	26 30	3 39	18 32	0 33	24 37	1 57	19 42	0 43	21 42	0 15	13 44	1 42	22 38	0 9	11 54	1 46	22 46	16 58	20 14	20 6	15 52		n.a.
F 8	14 11	26 37	2 51	18 4	0 14	24 48	1 58	19 54	0 44	21 41	0 15	13 46	1 42	22 38	0 9	11 54	1 46	22 46	16 58	20 15	20 7	15 55		n.a.
S 9	14 31	25 24	1 54	17 31	0n 5	24 57	1 59	20 6	0 44	21 40	0 15	13 48	1 42	22 38	0 9	11 55	1 46	22 46	16 59	20 16	20 7	15 58		n.a.
S 10	14 51	22 55	0 50	16 54	0 25	25 6	2 0	20 18	0 45	21 40	0 15	13 51	1 42	22 38	0 9	11 56	1 46	22 46	16 59	20 17	20 8	16 0		n.a.
M11	15 10	19 14	0s18	16 15	0 46	25 15	2 1	20 29	0 45	21 39	0 15	13 53	1 42	22 37	0 9	11 57	1 46	22 46	16 59	20 17	20 9	16 3		n.a.
T 12	15 30	14 30	1 26	15 33	1 6	25 22	2 2	20 41	0 46	21 38	0 14	13 55	1 42	22 37	0 9	11 57	1 46	22 46	17 0	20 17	20 9	16 5		n.a.
W13	15 49	8 56	2 32	14 50	1 26	25 29	2 3	20 52	0 46	21 37	0 14	13 57	1 42	22 37	0 9	11 58	1 46	22 45	17 0	20 17	20 10	16 8		n.a.
T 14	16 8	2 45	3 31	14 7	1 44	25 35	2 4	21 3	0 47	21 36	0 14	14 0	1 42	22 36	0 9	11 59	1 46	22 45	17 1	20 18	20 11	16 10		n.a.
F 15	16 26	3s46	4 18	13 25	2 1	25 41	2 5	21 14	0 47	21 35	0 14	14 2	1 42	22 36	0 9	12 0	1 46	22 45	17 1	20 19	20 12	16 12		n.a.
S 16	16 45	10 14	4 49	12 47	2 16	25 45	2 5	21 24	0 48	21 33	0 14	14 4	1 42	22 36	0 9	12 0	1 46	22 45	17 2	20 21	20 12	16 15		n.a.
S 17	17 2	16 13	5 1	12 11	2 29	25 49	2 6	21 34	0 48	21 32	0 14	14 6	1 42	22 36	0 9	12 1	1 46	22 45	17 2	20 23	20 13	16 17		n.a.
M18	17 20	21 13	4 51	11 41	2 40	25 52	2 6	21 44	0 49	21 31	0 14	14 8	1 41	22 35	0 9	12 2	1 46	22 45	17 3	20 26	20 14	16 20		n.a.
T 19	17 37	24 46	4 21	11 15	2 48	25 54	2 7	21 54	0 49	21 30	0 13	14 11	1 41	22 35	0 9	12 3	1 46	22 45	17 4	20 28	20 14	16 22		n.a.
W20	17 55	26 30	3 33	10 54	2 55	25 56	2 7	22 4	0 50	21 29	0 13	14 13	1 41	22 35	0 9	12 3	1 46	22 45	17 4	20 30	20 15	16 25		n.a.
T 21	18 11	26 21	2 32	10 39	2 59	25 56	2 7	22 13	0 50	21 28	0 13	14 15	1 41	22 34	0 9	12 4	1 46	22 45	17 5	20 31	20 16	16 27		n.a.
F 22	18 28	24 28	1 23	10 30	3 1	25 56	2 7	22 22	0 51	21 27	0 13	14 17	1 41	22 34	0 9	12 5	1 46	22 45	17 5	20 32	20 17	16 30		n.a.
S 23	18 44	21 12	0 12	10 25	3 1	25 55	2 7	22 31	0 51	21 25	0 13	14 19	1 41	22 34	0 9	12 6	1 46	22 45	17 6	20 32	20 17	16 32		n.a.
S 24	18 59	16 58	0n57	10 25	3 0	25 54	2 7	22 40	0 52	21 24	0 13	14 21	1 41	22 33	0 9	12 6	1 46	22 45	17 6	20 32	20 18	16 35		n.a.
M25	19 15	12 5	2 2	10 29	2 58	25 51	2 7	22 48	0 52	21 23	0 13	14 24	1 41	22 33	0 9	12 7	1 46	22 45	17 7	20 32	20 19	16 37		n.a.
T 26	19 30	6 50	2 59	10 37	2 55	25 48	2 7	22 56	0 52	21 22	0 12	14 26	1 41	22 33	0 9	12 8	1 46	22 45	17 7	20 32	20 19	16 40		n.a.
W27	19 44	1 27	3 47	10 49	2 50	25 44	2 7	23 4	0 53	21 20	0 12	14 28	1 41	22 32	0 9	12 8	1 46	22 45	17 8	20 33	20 20	16 42		n.a.
T 28	19 58	3n54	4 24	11 4	2 45	25 39	2 6	23 11	0 53	21 19	0 12	14 30	1 41	22 32	0 9	12 9	1 46	22 46	17 8	20 34	20 21	16 44		n.a.
F 29	20 12	9 4	4 49	11 21	2 39	25 34	2 5	23 19	0 54	21 18	0 12	14 32	1 41	22 31	0 9	12 10	1 46	22 46	17 9	20 35	20 21	16 47		n.a.
S 30	20s26	13n54	5n 2	11s41	2n33	25s28	2s 5	23s26	0s54	21n16	0s12	14s34	1n41	22n31	0n 9	12s11	1n46	22n46	17n10	20s37	20s22	16n49		n.a.

Julian Day Number = 1360495.5, Delta T = 06h59m23s
Ecliptic obliquity = 23°48'53, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°43'04, Lahiri = -17°36'04 Julian Calendar 1 Nov. 989 BCE == Greg. Calendar 23 Oct. 989 BCE

The year -988 astronomical counting style corresponds to year 989 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 989 BCE
geocentric

DECEMBER 989 BCE (-988) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 2 6	0♐50'20	5♉18	7♏50	11♑45	12♐28	4°R53	13♏44	10°R25	6♏23	12♍21	29°R 5	0♒24	1♉ 9	n.a.	S 1
M 2	4 6 3	1°51'35	17°13	8°40	12°57	13°15	4♊45	13°51	10♊22	6°25	12°22	28♑53	0°21	1°15	n.a.	M 2
T 3	4 9 59	2°52'49	29°14	9°35	14° 8	14° 2	4°37	13°58	10°20	6°27	12°23	28°42	0°18	1°22	n.a.	T 3
W 4	4 13 56	3°54'03	11♊20	10°33	15°19	14°50	4°28	14° 5	10°17	6°30	12°24	28°32	0°15	1°29	n.a.	W 4
T 5	4 17 53	4°55'17	23°33	11°35	16°30	15°37	4°20	14°11	10°15	6°32	12°24	28°24	0°12	1°36	n.a.	T 5
F 6	4 21 49	5°56'30	5♋54	12°39	17°41	16°24	4°12	14°18	10°12	6°34	12°25	28°19	0° 8	1°42	n.a.	F 6
S 7	4 25 46	6°57'43	18°25	13°46	18°52	17°11	4° 4	14°25	10° 9	6°36	12°26	28°16	0° 5	1°49	n.a.	S 7
S 8	4 29 42	7°58'56	1♌ 8	14°55	20° 3	17°59	3°56	14°31	10° 7	6°38	12°26	28°D16	0° 2	1°56	n.a.	S 8
M 9	4 33 39	9° 0'08	14° 4	16° 7	21°14	18°46	3°48	14°38	10° 4	6°40	12°27	28°17	29♑59	2° 3	n.a.	M 9
T 10	4 37 35	10° 1'20	27°17	17°20	22°24	19°33	3°40	14°45	10° 2	6°42	12°27	28°18	29°56	2° 9	n.a.	T 10
W11	4 41 32	11° 2'31	10♍50	18°35	23°35	20°20	3°32	14°51	9°59	6°44	12°28	28°R19	29°52	2°16	n.a.	W11
T 12	4 45 29	12° 3'41	24°43	19°51	24°45	21° 8	3°24	14°58	9°56	6°46	12°28	28°18	29°49	2°23	n.a.	T 12
F 13	4 49 25	13° 4'52	8♎58	21° 9	25°55	21°55	3°16	15° 4	9°54	6°47	12°29	28°15	29°46	2°29	n.a.	F 13
S 14	4 53 22	14° 6'01	23°32	22°28	27° 5	22°42	3° 8	15°11	9°51	6°49	12°29	28°10	29°43	2°36	n.a.	S 14
S 15	4 57 18	15° 7'10	8♏21	23°49	28°15	23°30	3° 0	15°17	9°49	6°51	12°30	28° 4	29°40	2°43	n.a.	S 15
M16	5 1 15	16° 8'19	23°19	25°10	29°25	24°17	2°53	15°23	9°46	6°53	12°30	27°57	29°37	2°50	n.a.	M16
T 17	5 5 11	17° 9'27	8♐16	26°33	0♒35	25° 4	2°45	15°30	9°43	6°55	12°30	27°51	29°33	2°56	n.a.	T 17
W18	5 9 8	18°10'33	23° 3	27°56	1°44	25°52	2°38	15°36	9°41	6°57	12°31	27°45	29°30	3° 3	n.a.	W18
T 19	5 13 4	19°11'39	7♑33	29°21	2°53	26°39	2°30	15°42	9°38	6°59	12°31	27°42	29°27	3°10	n.a.	T 19
F 20	5 17 1	20°12'44	21°39	0♐46	4° 3	27°27	2°23	15°49	9°36	7° 0	12°31	27°D40	29°24	3°17	n.a.	F 20
S 21	5 20 58	21°13'47	5♒19	2°13	5°12	28°14	2°15	15°55	9°33	7° 2	12°31	27°40	29°21	3°23	n.a.	S 21
S 22	5 24 54	22°14'49	18°33	3°40	6°20	29° 1	2° 8	16° 1	9°31	7° 4	12°31	27°42	29°18	3°30	n.a.	S 22
M23	5 28 51	23°15'50	1♓22	5° 8	7°29	29°49	2° 1	16° 7	9°28	7° 6	12°31	27°43	29°14	3°37	n.a.	M23
T 24	5 32 47	24°16'49	13°50	6°36	8°38	0♑36	1°54	16°13	9°26	7° 7	12°R31	27°45	29°11	3°43	n.a.	T 24
W25	5 36 44	25°17'46	26° 2	8° 6	9°46	1°24	1°47	16°19	9°23	7° 9	12°31	27°R45	29° 8	3°50	n.a.	W25
T 26	5 40 40	26°18'42	8♈ 3	9°36	10°54	2°11	1°40	16°25	9°21	7°11	12°31	27°44	29° 5	3°57	n.a.	T 26
F 27	5 44 37	27°19'37	19°56	11° 7	12° 2	2°58	1°34	16°31	9°18	7°12	12°31	27°42	29° 2	4° 4	n.a.	F 27
S 28	5 48 34	28°20'30	1♉48	12°39	13°10	3°46	1°27	16°37	9°16	7°14	12°31	27°39	28°58	4°10	n.a.	S 28
S 29	5 52 30	29°21'21	13°41	14°11	14°17	4°33	1°21	16°43	9°13	7°15	12°31	27°34	28°55	4°17	n.a.	S 29
M30	5 56 27	0♑22'11	25°39	15°44	15°25	5°21	1°14	16°48	9°11	7°17	12°31	27°29	28°52	4°24	n.a.	M30
T 31	6 0 23	1♑22'59	7♊45	17♐18	16♒32	6♑ 8	1♊ 8	16♏54	9♊ 9	7♏19	12♍31	27♑24	28♑49	4♉31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s39	18n13	5n 2	12s 2	2n26	25s21	2s 4	23s33	0s54	21n15	0s12	14s36	1n41	22n31	0n 9	12s11	1n46	22n46	17n10	20s40	20s23	16n52		n.a.
M 2	20 51	21 50	4 48	12 26	2 18	25 13	2 3	23 39	0 55	21 14	0 12	14 38	1 41	22 30	0 9	12 12	1 46	22 46	17 11	20 42	20 24	16 54		n.a.
T 3	21 4	24 33	4 22	12 51	2 11	25 4	2 2	23 45	0 55	21 12	0 11	14 40	1 41	22 30	0 9	12 13	1 46	22 46	17 11	20 45	20 24	16 56		n.a.
W 4	21 16	26 11	3 44	13 17	2 3	24 55	2 1	23 51	0 56	21 11	0 11	14 42	1 41	22 30	0 9	12 13	1 47	22 47	17 12	20 47	20 25	16 59		n.a.
T 5	21 27	26 34	2 55	13 43	1 55	24 45	2 0	23 57	0 56	21 10	0 11	14 44	1 41	22 29	0 9	12 14	1 47	22 47	17 12	20 48	20 26	17 1		n.a.
F 6	21 38	25 38	1 57	14 11	1 47	24 35	1 58	24 2	0 56	21 8	0 11	14 46	1 41	22 29	0 9	12 15	1 47	22 47	17 13	20 49	20 26	17 4		n.a.
S 7	21 49	23 24	0 53	14 39	1 39	24 24	1 57	24 8	0 57	21 7	0 11	14 48	1 41	22 29	0 9	12 15	1 47	22 47	17 14	20 50	20 27	17 6		n.a.
S 8	21 59	19 58	0s15	15 8	1 30	24 12	1 56	24 12	0 57	21 6	0 11	14 50	1 41	22 28	0 9	12 16	1 47	22 48	17 14	20 50	20 28	17 8		n.a.
M 9	22 9	15 31	1 24	15 37	1 22	23 59	1 54	24 17	0 57	21 4	0 10	14 52	1 41	22 28	0 9	12 16	1 47	22 48	17 15	20 50	20 28	17 11		n.a.
T 10	22 18	10 16	2 30	16 6	1 13	23 46	1 52	24 21	0 58	21 3	0 10	14 54	1 41	22 27	0 9	12 17	1 47	22 48	17 15	20 50	20 29	17 13		n.a.
W11	22 27	4 24	3 29	16 35	1 5	23 32	1 50	24 25	0 58	21 1	0 10	14 56	1 41	22 27	0 9	12 18	1 47	22 49	17 16	20 49	20 30	17 15		n.a.
T 12	22 35	1s48	4 17	17 4	0 57	23 17	1 48	24 29	0 58	21 0	0 10	14 58	1 41	22 27	0 9	12 18	1 47	22 49	17 17	20 50	20 30	17 18		n.a.
F 13	22 43	8 3	4 51	17 33	0 48	23 2	1 46	24 32	0 59	20 59	0 10	15 0	1 41	22 26	0 9	12 19	1 47	22 49	17 17	20 50	20 31	17 20		n.a.
S 14	22 51	14 1	5 8	18 2	0 40	22 46	1 44	24 35	0 59	20 57	0 10	15 2	1 41	22 26	0 9	12 20	1 47	22 50	17 18	20 51	20 32	17 23		n.a.
S 15	22 58	19 17	5 4	18 30	0 32	22 30	1 42	24 38	0 59	20 56	0 9	15 4	1 41	22 26	0 9	12 20	1 47	22 50	17 18	20 52	20 32	17 25		n.a.
M16	23 5	23 23	4 39	18 58	0 24	22 13	1 39	24 41	1 0	20 55	0 9	15 5	1 41	22 25	0 9	12 21	1 47	22 51	17 19	20 54	20 33	17 27		n.a.
T 17	23 11	25 54	3 56	19 26	0 16	21 55	1 37	24 43	1 0	20 53	0 9	15 7	1 41	22 25	0 9	12 21	1 47	22 51	17 19	20 55	20 34	17 30		n.a.
W18	23 17	26 34	2 57	19 53	0 8	21 37	1 34	24 45	1 0	20 52	0 9	15 9	1 41	22 24	0 9	12 22	1 47	22 51	17 20	20 56	20 34	17 32		n.a.
T 19	23 22	25 23	1 47	20 19	0 1	21 18	1 32	24 47	1 0	20 51	0 9	15 11	1 41	22 24	0 10	12 22	1 47	22 52	17 21	20 57	20 35	17 34		n.a.
F 20	23 27	22 35	0 33	20 45	0s 7	20 59	1 29	24 48	1 1	20 49	0 9	15 13	1 41	22 24	0 10	12 23	1 47	22 52	17 21	20 57	20 36	17 37		n.a.
S 21	23 31	18 34	0n42	21 10	0 14	20 39	1 26	24 49	1 1	20 48	0 8	15 15	1 42	22 23	0 10	12 24	1 47	22 53	17 22	20 57	20 36	17 39		n.a.
S 22	23 35	13 44	1 51	21 34	0 22	20 19	1 23	24 50	1 1	20 47	0 8	15 16	1 42	22 23	0 10	12 24	1 47	22 53	17 22	20 57	20 37	17 41		n.a.
M23	23 38	8 28	2 53	21 57	0 29	19 58	1 20	24 50	1 1	20 45	0 8	15 18	1 42	22 22	0 10	12 25	1 47	22 54	17 23	20 57	20 38	17 43		n.a.
T 24	23 41	2 59	3 45	22 20	0 35	19 37	1 16	24 50	1 2	20 44	0 8	15 20	1 42	22 22	0 10	12 25	1 47	22 54	17 24	20 56	20 38	17 46		n.a.
W25	23 44	2n28	4 26	22 42	0 42	19 15	1 13	24 50	1 2	20 43	0 8	15 21	1 42	22 22	0 10	12 26	1 47	22 55	17 24	20 56	20 39	17 48		n.a.
T 26	23 46	7 44	4 54	23 2	0 49	18 53	1 9	24 50	1 2	20 42	0 8	15 23	1 42	22 21	0 10	12 26	1 47	22 55	17 25	20 56	20 40	17 50		n.a.
F 27	23 47	12 40	5 10	23 22	0 55	18 30	1 6	24 49	1 2	20 40	0 7	15 25	1 42	22 21	0 10	12 27	1 47	22 56	17 25	20 57	20 40	17 53		n.a.
S 28	23 48	17 8	5 12	23 40	1 1	18 7	1 2	24 48	1 3	20 39	0 7	15 26	1 42	22 21	0 10	12 27	1 47	22 57	17 26	20 57	20 41	17 55		n.a.
S 29	23 49	20 57	5 0	23 58	1 7	17 44	0 58	24 47	1 3	20 38	0 7	15 28	1 42	22 20	0 10	12 28	1 47	22 57	17 27	20 58	20 42	17 57		n.a.
M30	23 49	23 56	4 36	24 14	1 12	17 20	0 54	24 45	1 3	20 37	0 7	15 30	1 42	22 20	0 10	12 28	1 47	22 58	17 27	20 59	20 42	17 59		n.a.
T 31	23s48	25n52	3n59	24s29	1s18	16s56	0s50	24s43	1s 3	20n36	0s 7	15s31	1n42	22n20	0n10	12s29	1n47	22n58	17n28	21s 0	20s43	18n 2		n.a.

Julian Day Number = 1360525.5, Delta T = 06h59m21s
Ecliptic obliquity = 23°48'52, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°43'00, Lahiri = -17°36'00 Julian Calendar 1 Dec. 989 BCE == Greg. Calendar 22 Nov. 989 BCE

The year -988 astronomical counting style corresponds to year 989 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 988 BCE
geocentric

JANUARY 988 BCE (-987) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 4 20	2♑23'46	20♊ 1	18♐53	17♒38	6♑55	1°R 2	17♏ 0	9°R 6	7♏20	12°R30	27°R20	28♑46	4♉37	n.a.	W 1
T 2	6 8 16	3°24'31	2♋28	20°28	18°45	7°43	0♊56	17° 5	9♊ 4	7°21	12♍30	27♑17	28°43	4°44	n.a.	T 2
F 3	6 12 13	4°25'15	15° 6	22° 5	19°51	8°30	0°51	17°11	9° 2	7°23	12°30	27°15	28°39	4°51	n.a.	F 3
S 4	6 16 9	5°25'57	27°57	23°42	20°58	9°17	0°45	17°16	8°59	7°24	12°29	27°D15	28°36	4°57	n.a.	S 4
S 5	6 20 6	6°26'38	11♌ 0	25°20	22° 3	10° 5	0°40	17°22	8°57	7°26	12°29	27°15	28°33	5° 4	n.a.	S 5
M 6	6 24 3	7°27'17	24°16	26°58	23° 9	10°52	0°35	17°27	8°55	7°27	12°29	27°17	28°30	5°11	n.a.	M 6
T 7	6 27 59	8°27'55	7♍44	28°38	24°14	11°40	0°30	17°32	8°53	7°28	12°28	27°18	28°27	5°18	n.a.	T 7
W 8	6 31 56	9°28'31	21°26	0♑18	25°19	12°27	0°25	17°37	8°51	7°30	12°28	27°19	28°24	5°24	n.a.	W 8
T 9	6 35 52	10°29'06	5♎20	2° 0	26°24	13°14	0°20	17°43	8°48	7°31	12°27	27°R20	28°20	5°31	n.a.	T 9
F 10	6 39 49	11°29'40	19°27	3°42	27°29	14° 1	0°15	17°48	8°46	7°32	12°27	27°20	28°17	5°38	n.a.	F 10
S 11	6 43 45	12°30'12	3♏44	5°25	28°33	14°49	0°11	17°53	8°44	7°33	12°26	27°19	28°14	5°44	n.a.	S 11
S 12	6 47 42	13°30'43	18° 9	7° 9	29°37	15°36	0° 7	17°58	8°42	7°35	12°25	27°18	28°11	5°51	n.a.	S 12
M13	6 51 38	14°31'12	2♐39	8°54	0♓40	16°23	0° 3	18° 3	8°40	7°36	12°25	27°16	28° 8	5°58	n.a.	M13
T 14	6 55 35	15°31'40	17° 7	10°39	1°43	17°11	29♉59	18° 7	8°38	7°37	12°24	27°14	28° 4	6° 5	n.a.	T 14
W15	6 59 32	16°32'07	1♑28	12°26	2°46	17°58	29°55	18°12	8°36	7°38	12°23	27°13	28° 1	6°11	n.a.	W15
T 16	7 3 28	17°32'31	15°38	14°14	3°49	18°45	29°52	18°17	8°35	7°39	12°23	27°12	27°58	6°18	n.a.	T 16
F 17	7 7 25	18°32'54	29°31	16° 3	4°51	19°32	29°49	18°21	8°33	7°40	12°22	27°D12	27°55	6°25	n.a.	F 17
S 18	7 11 21	19°33'14	13♒ 4	17°52	5°53	20°19	29°46	18°26	8°31	7°41	12°21	27°13	27°52	6°32	n.a.	S 18
S 19	7 15 18	20°33'33	26°16	19°43	6°54	21° 7	29°43	18°30	8°29	7°42	12°20	27°13	27°49	6°38	n.a.	S 19
M20	7 19 14	21°33'49	9♓ 7	21°34	7°55	21°54	29°40	18°35	8°27	7°43	12°19	27°14	27°45	6°45	n.a.	M20
T 21	7 23 11	22°34'04	21°39	23°26	8°56	22°41	29°37	18°39	8°26	7°44	12°18	27°14	27°42	6°52	n.a.	T 21
W22	7 27 7	23°34'16	3♈55	25°19	9°56	23°28	29°35	18°43	8°24	7°45	12°17	27°15	27°39	6°58	n.a.	W22
T 23	7 31 4	24°34'25	15°58	27°13	10°55	24°15	29°33	18°48	8°23	7°46	12°16	27°15	27°36	7° 5	n.a.	T 23
F 24	7 35 1	25°34'33	27°54	29° 8	11°55	25° 2	29°31	18°52	8°21	7°47	12°15	27°R15	27°33	7°12	n.a.	F 24
S 25	7 38 57	26°34'38	9♉46	1♒ 3	12°53	25°49	29°29	18°56	8°20	7°47	12°14	27°15	27°30	7°19	n.a.	S 25
S 26	7 42 54	27°34'41	21°40	2°58	13°52	26°36	29°28	19° 0	8°18	7°48	12°13	27°D15	27°26	7°25	n.a.	S 26
M27	7 46 50	28°34'42	3♊40	4°54	14°49	27°23	29°26	19° 3	8°17	7°49	12°12	27°15	27°23	7°32	n.a.	M27
T 28	7 50 47	29°34'41	15°50	6°51	15°47	28°10	29°25	19° 7	8°15	7°50	12°11	27°15	27°20	7°39	n.a.	T 28
W29	7 54 43	0♒34'37	28°12	8°47	16°43	28°57	29°24	19°11	8°14	7°50	12°10	27°16	27°17	7°46	n.a.	W29
T 30	7 58 40	1°34'32	10♋51	10°43	17°39	29°44	29°24	19°14	8°13	7°51	12° 9	27°16	27°14	7°52	n.a.	T 30
F 31	8 2 36	2♒34'24	23♋46	12♒38	18♓35	0♒31	29♉23	19♏18	8♊12	7♏51	12♍ 8	27°R16	27♑10	7♉59	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s48	26n36	3n10	24s43	1s23	16s31	0s46	24s41	1s 3	20n35	0s 7	15s33	1n42	22n19	0n10	12s29	1n47	22n59	17n28	21s 1	20s44	18n 4		n.a.
T 2	23 46	25 59	2 12	24 55	1 28	16 6	0 42	24 39	1 4	20 34	0 7	15 34	1 42	22 19	0 10	12 29	1 47	23 0	17 29	21 2	20 44	18 6		n.a.
F 3	23 44	24 2	1 6	25 6	1 32	15 41	0 37	24 36	1 4	20 33	0 6	15 36	1 42	22 18	0 10	12 30	1 48	23 0	17 29	21 2	20 45	18 8		n.a.
S 4	23 42	20 50	0s 4	25 16	1 36	15 15	0 33	24 33	1 4	20 32	0 6	15 37	1 42	22 18	0 10	12 30	1 48	23 1	17 30	21 2	20 46	18 11		n.a.
S 5	23 39	16 32	1 15	25 24	1 40	14 49	0 28	24 29	1 4	20 31	0 6	15 39	1 42	22 18	0 10	12 31	1 48	23 1	17 30	21 2	20 46	18 13		n.a.
M 6	23 36	11 23	2 23	25 31	1 44	14 23	0 24	24 26	1 4	20 30	0 6	15 40	1 42	22 17	0 10	12 31	1 48	23 2	17 31	21 2	20 47	18 15		n.a.
T 7	23 32	5 38	3 25	25 36	1 47	13 57	0 19	24 22	1 4	20 29	0 6	15 42	1 42	22 17	0 10	12 32	1 48	23 3	17 32	21 2	20 48	18 17		n.a.
W 8	23 28	0s28	4 16	25 39	1 50	13 30	0 14	24 17	1 4	20 28	0 6	15 43	1 42	22 17	0 10	12 32	1 48	23 4	17 32	21 1	20 48	18 20		n.a.
T 9	23 24	6 37	4 53	25 41	1 53	13 3	0 9	24 13	1 5	20 27	0 5	15 44	1 43	22 16	0 10	12 32	1 48	23 4	17 33	21 1	20 49	18 22		n.a.
F 10	23 18	12 32	5 13	25 41	1 55	12 36	0 4	24 8	1 5	20 26	0 5	15 46	1 43	22 16	0 10	12 33	1 48	23 5	17 33	21 1	20 50	18 24		n.a.
S 11	23 13	17 52	5 14	25 39	1 57	12 9	0n 1	24 3	1 5	20 26	0 5	15 47	1 43	22 16	0 10	12 33	1 48	23 6	17 34	21 1	20 50	18 26		n.a.
S 12	23 7	22 13	4 55	25 36	1 59	11 41	0 6	23 58	1 5	20 25	0 5	15 48	1 43	22 15	0 10	12 33	1 48	23 6	17 34	21 2	20 51	18 28		n.a.
M13	23 1	25 13	4 18	25 30	2 0	11 13	0 12	23 52	1 5	20 24	0 5	15 50	1 43	22 15	0 10	12 34	1 48	23 7	17 35	21 2	20 52	18 31		n.a.
T 14	22 54	26 34	3 24	25 23	2 0	10 46	0 17	23 46	1 5	20 23	0 5	15 51	1 43	22 15	0 10	12 34	1 48	23 8	17 35	21 2	20 52	18 33		n.a.
W15	22 46	26 6	2 18	25 14	2 1	10 18	0 23	23 40	1 5	20 23	0 4	15 52	1 43	22 15	0 10	12 34	1 48	23 9	17 36	21 3	20 53	18 35		n.a.
T 16	22 39	23 56	1 4	25 2	2 1	9 49	0 29	23 33	1 5	20 22	0 4	15 53	1 43	22 14	0 10	12 35	1 48	23 9	17 36	21 3	20 54	18 37		n.a.
F 17	22 30	20 22	0n13	24 49	2 0	9 21	0 34	23 27	1 5	20 22	0 4	15 55	1 43	22 14	0 10	12 35	1 48	23 10	17 37	21 3	20 54	18 39		n.a.
S 18	22 22	15 46	1 27	24 34	1 59	8 53	0 40	23 20	1 5	20 21	0 4	15 56	1 43	22 14	0 10	12 35	1 48	23 11	17 37	21 3	20 55	18 42		n.a.
S 19	22 13	10 33	2 34	24 16	1 57	8 24	0 46	23 12	1 6	20 21	0 4	15 57	1 43	22 13	0 10	12 35	1 48	23 12	17 38	21 3	20 55	18 44		n.a.
M20	22 3	5 0	3 32	23 57	1 55	7 56	0 52	23 5	1 6	20 20	0 4	15 58	1 43	22 13	0 10	12 36	1 48	23 12	17 38	21 2	20 56	18 46		n.a.
T 21	21 53	0n35	4 18	23 35	1 52	7 27	0 58	22 57	1 6	20 20	0 3	15 59	1 44	22 13	0 10	12 36	1 48	23 13	17 39	21 2	20 57	18 48		n.a.
W22	21 43	6 1	4 51	23 11	1 49	6 58	1 4	22 49	1 6	20 19	0 3	16 0	1 44	22 13	0 10	12 36	1 48	23 14	17 39	21 2	20 57	18 50		n.a.
T 23	21 33	11 9	5 11	22 45	1 45	6 30	1 11	22 41	1 6	20 19	0 3	16 1	1 44	22 12	0 10	12 36	1 49	23 15	17 40	21 2	20 58	18 52		n.a.
F 24	21 22	15 48	5 17	22 17	1 40	6 1	1 17	22 32	1 6	20 19	0 3	16 2	1 44	22 12	0 10	12 37	1 49	23 16	17 40	21 2	20 59	18 54		n.a.
S 25	21 10	19 51	5 10	21 47	1 35	5 32	1 23	22 23	1 6	20 19	0 3	16 3	1 44	22 12	0 10	12 37	1 49	23 16	17 41	21 2	20 59	18 57		n.a.
S 26	20 58	23 6	4 49	21 15	1 29	5 4	1 30	22 14	1 6	20 18	0 3	16 4	1 44	22 12	0 10	12 37	1 49	23 17	17 41	21 2	21 0	18 59		n.a.
M27	20 46	25 23	4 15	20 41	1 23	4 35	1 37	22 5	1 6	20 18	0 3	16 5	1 44	22 11	0 10	12 37	1 49	23 18	17 41	21 2	21 1	19 1		n.a.
T 28	20 33	26 32	3 30	20 5	1 16	4 7	1 43	21 55	1 6	20 18	0 2	16 6	1 44	22 11	0 10	12 37	1 49	23 19	17 42	21 2	21 1	19 3		n.a.
W29	20 21	26 22	2 34	19 27	1 8	3 38	1 50	21 46	1 6	20 18	0 2	16 7	1 44	22 11	0 10	12 38	1 49	23 20	17 42	21 2	21 2	19 5		n.a.
T 30	20 7	24 51	1 30	18 47	1 0	3 10	1 57	21 36	1 6	20 18	0 2	16 8	1 44	22 11	0 10	12 38	1 49	23 21	17 43	21 2	21 2	19 7		n.a.
F 31	19s54	22n 0	0n19	18s 6	0s51	2s42	2n 4	21s25	1s 6	20n18	0s 2	16s 9	1n45	22n11	0n10	12s38	1n49	23n21	17n43	21s 2	21s 3	19n 9		n.a.

Julian Day Number = 1360556.5, Delta T = 06h59m20s
Ecliptic obliquity = 23°48'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°42'56, Lahiri = -17°35'56 Julian Calendar 1 Jan. 988 BCE == Greg. Calendar 23 Dec. 989 BCE

The year -987 astronomical counting style corresponds to year 988 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 988 BCE
geocentric

FEBRUARY 988 BCE (-987) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 6 33	3♒34'13	6♌58	14♒33	19♓30	1♒18	29°R23	19♏21	8°R10	7♏52	12°R 7	27°R16	27♑ 7	8♉ 6	n.a.	S 1
S 2	8 10 30	4°34'01	20°26	16°26	20°24	2° 5	29°D23	19°25	8♊ 9	7°52	12♍ 5	27♑16	27° 4	8°12	n.a.	S 2
M 3	8 14 26	5°33'46	4♍ 9	18°18	21°18	2°51	29♉23	19°28	8° 8	7°53	12° 4	27°15	27° 1	8°19	n.a.	M 3
T 4	8 18 23	6°33'30	18° 3	20° 8	22°10	3°38	29°23	19°31	8° 7	7°53	12° 3	27°14	26°58	8°26	n.a.	T 4
W 5	8 22 19	7°33'12	2♎ 7	21°56	23° 3	4°25	29°23	19°34	8° 6	7°54	12° 2	27°12	26°55	8°33	n.a.	W 5
T 6	8 26 16	8°32'51	16°16	23°41	23°54	5°12	29°24	19°37	8° 5	7°54	12° 0	27°11	26°51	8°39	n.a.	T 6
F 7	8 30 12	9°32'29	0♏29	25°22	24°45	5°58	29°25	19°40	8° 4	7°55	11°59	27°11	26°48	8°46	n.a.	F 7
S 8	8 34 9	10°32'05	14°41	27° 0	25°35	6°45	29°26	19°43	8° 4	7°55	11°58	27°D11	26°45	8°53	n.a.	S 8
S 9	8 38 5	11°31'40	28°52	28°33	26°24	7°32	29°27	19°46	8° 3	7°55	11°56	27°11	26°42	8°59	n.a.	S 9
M10	8 42 2	12°31'12	12♐59	0♓ 2	27°12	8°18	29°28	19°48	8° 2	7°55	11°55	27°12	26°39	9° 6	n.a.	M10
T 11	8 45 59	13°30'43	26°59	1°25	28° 0	9° 5	29°30	19°51	8° 1	7°56	11°53	27°13	26°36	9°13	n.a.	T 11
W12	8 49 55	14°30'11	10♑51	2°43	28°47	9°51	29°32	19°53	8° 1	7°56	11°52	27°14	26°32	9°20	n.a.	W12
T 13	8 53 52	15°29'38	24°32	3°55	29°32	10°38	29°33	19°56	8° 0	7°56	11°51	27°R15	26°29	9°26	n.a.	T 13
F 14	8 57 48	16°29'03	8♒ 2	5° 0	0♈17	11°24	29°36	19°58	8° 0	7°56	11°49	27°15	26°26	9°33	n.a.	F 14
S 15	9 1 45	17°28'25	21°17	5°59	1° 1	12°11	29°38	20° 0	7°59	7°56	11°48	27°13	26°23	9°40	n.a.	S 15
S 16	9 5 41	18°27'45	4♓16	6°51	1°43	12°57	29°40	20° 2	7°59	7°56	11°46	27°11	26°20	9°47	n.a.	S 16
M17	9 9 38	19°27'03	17° 0	7°35	2°25	13°43	29°43	20° 4	7°58	7°R56	11°45	27° 8	26°16	9°53	n.a.	M17
T 18	9 13 34	20°26'18	29°29	8°12	3° 5	14°30	29°46	20° 6	7°58	7°56	11°43	27° 4	26°13	10° 0	n.a.	T 18
W19	9 17 31	21°25'31	11♈44	8°42	3°45	15°16	29°49	20° 8	7°58	7°56	11°41	27° 0	26°10	10° 7	n.a.	W19
T 20	9 21 27	22°24'42	23°48	9° 4	4°23	16° 2	29°52	20°10	7°58	7°56	11°40	26°57	26° 7	10°13	n.a.	T 20
F 21	9 25 24	23°23'50	5♉44	9°19	5° 0	16°48	29°56	20°11	7°58	7°56	11°38	26°54	26° 4	10°20	n.a.	F 21
S 22	9 29 21	24°22'56	17°36	9°R26	5°35	17°34	29°59	20°13	7°57	7°56	11°37	26°53	26° 1	10°27	n.a.	S 22
S 23	9 33 17	25°21'59	29°30	9°26	6° 9	18°20	0♊ 3	20°14	7°D57	7°56	11°35	26°D53	25°57	10°34	n.a.	S 23
M24	9 37 14	26°21'00	11♊29	9°18	6°42	19° 7	0° 7	20°16	7°57	7°56	11°34	26°54	25°54	10°40	n.a.	M24
T 25	9 41 10	27°19'59	23°39	9° 4	7°13	19°53	0°11	20°17	7°58	7°55	11°32	26°55	25°51	10°47	n.a.	T 25
W26	9 45 7	28°18'55	6♋ 4	8°44	7°43	20°39	0°15	20°18	7°58	7°55	11°30	26°57	25°48	10°54	n.a.	W26
T 27	9 49 3	29°17'49	18°47	8°18	8°11	21°24	0°20	20°19	7°58	7°55	11°29	26°58	25°45	11° 0	n.a.	T 27
F 28	9 53 0	0♓16'41	1♌53	7♓47	8♈38	22♒10	0♊25	20♏20	7♊58	7♏54	11♍27	26°R58	25♑41	11♉ 7	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	19s40	17n58	0s53	17s23	0s41	2s13	2n11	21s15	1s 6	20n18	0s 2	16s10	1n45	22n10	0n10	12s38	1n49	23n22	17n43	21s 2	21s 4	19n11		n.a.	
S 2	19 25	12 56	2 5	16 39	0 31	1 45	2 18	21 4	1 6	20 18	0 2	16 11	1 45	22 10	0 10	12 38	1 49	23 23	17 44	21 2	21 4	19 14		n.a.	
M 3	19 11	7 11	3 10	15 54	0 20	1 18	2 25	20 53	1 6	20 18	0 2	16 11	1 45	22 10	0 10	12 38	1 49	23 24	17 44	21 2	21 5	19 16		n.a.	
T 4	18 55	1 2	4 5	15 8	0 8	0 50	2 32	20 42	1 6	20 19	0 1	16 12	1 45	22 10	0 10	12 38	1 49	23 25	17 45	21 2	21 6	19 18		n.a.	
W 5	18 40	5s13	4 47	14 22	0n 4	0 23	2 39	20 31	1 5	20 19	0 1	16 13	1 45	22 10	0 10	12 38	1 49	23 26	17 45	21 3	21 6	19 20		n.a.	
T 6	18 24	11 15	5 11	13 35	0 16	0n 5	2 46	20 19	1 5	20 19	0 1	16 14	1 45	22 10	0 10	12 38	1 49	23 26	17 45	21 3	21 7	19 22		n.a.	
F 7	18 9	16 44	5 16	12 49	0 29	0 32	2 54	20 8	1 5	20 19	0 1	16 14	1 45	22 9	0 10	12 39	1 49	23 27	17 46	21 3	21 7	19 24		n.a.	
S 8	17 52	21 17	5 2	12 3	0 42	0 59	3 1	19 56	1 5	20 20	0 1	16 15	1 45	22 9	0 10	12 39	1 49	23 28	17 46	21 3	21 8	19 26		n.a.	
S 9	17 36	24 35	4 29	11 18	0 55	1 25	3 8	19 44	1 5	20 20	0 1	16 16	1 46	22 9	0 10	12 39	1 49	23 29	17 46	21 3	21 9	19 28		n.a.	
M10	17 19	26 22	3 41	10 34	1 9	1 51	3 16	19 31	1 5	20 21	0 1	16 16	1 46	22 9	0 10	12 39	1 50	23 30	17 47	21 3	21 9	19 30		n.a.	
T 11	17 2	26 26	2 39	9 51	1 23	2 17	3 23	19 19	1 5	20 21	0 0	16 17	1 46	22 9	0 10	12 39	1 50	23 31	17 47	21 3	21 10	19 32		n.a.	
W12	16 44	24 51	1 29	9 10	1 36	2 43	3 31	19 6	1 5	20 22	0 0	16 17	1 46	22 9	0 10	12 39	1 50	23 31	17 47	21 2	21 11	19 34		n.a.	
T 13	16 26	21 48	0 15	8 32	1 49	3 8	3 38	18 53	1 5	20 22	0 0	16 18	1 46	22 9	0 10	12 39	1 50	23 32	17 48	21 2	21 11	19 36		n.a.	
F 14	16 9	17 36	0n59	7 55	2 3	3 33	3 46	18 40	1 5	20 23	0 0	16 18	1 46	22 9	0 10	12 39	1 50	23 33	17 48	21 2	21 12	19 38		n.a.	
S 15	15 50	12 36	2 9	7 22	2 15	3 58	3 53	18 27	1 5	20 23	0n 0	16 19	1 46	22 9	0 10	12 39	1 50	23 34	17 48	21 3	21 12	19 40		n.a.	
S 16	15 32	7 9	3 10	6 51	2 28	4 22	4 1	18 13	1 4	20 24	0 0	16 19	1 46	22 9	0 10	12 39	1 50	23 35	17 48	21 3	21 13	19 42		n.a.	
M17	15 13	1 32	4 0	6 24	2 39	4 46	4 9	17 59	1 4	20 25	0 0	16 20	1 46	22 9	0 10	12 39	1 50	23 36	17 49	21 4	21 14	19 44		n.a.	
T 18	14 54	4n 2	4 38	6 0	2 50	5 9	4 16	17 46	1 4	20 26	0 1	16 20	1 47	22 8	0 10	12 39	1 50	23 36	17 49	21 4	21 14	19 46		n.a.	
W19	14 35	9 20	5 3	5 39	3 0	5 32	4 24	17 32	1 4	20 26	0 1	16 21	1 47	22 8	0 10	12 38	1 50	23 37	17 49	21 5	21 15	19 48		n.a.	
T 20	14 15	14 12	5 13	5 23	3 9	5 54	4 31	17 18	1 4	20 27	0 1	16 21	1 47	22 8	0 10	12 38	1 50	23 38	17 49	21 6	21 15	19 50		n.a.	
F 21	13 56	18 30	5 10	5 10	3 17	6 16	4 39	17 3	1 4	20 28	0 1	16 21	1 47	22 8	0 10	12 38	1 50	23 39	17 50	21 6	21 16	19 52		n.a.	
S 22	13 36	22 2	4 53	5 1	3 24	6 37	4 46	16 49	1 3	20 29	0 1	16 21	1 47	22 8	0 10	12 38	1 50	23 40	17 50	21 7	21 17	19 54		n.a.	
S 23	13 16	24 39	4 24	4 56	3 30	6 58	4 54	16 34	1 3	20 30	0 1	16 22	1 47	22 8	0 10	12 38	1 50	23 41	17 50	21 7	21 17	19 56		n.a.	
M24	12 56	26 12	3 44	4 55	3 34	7 18	5 2	16 19	1 3	20 31	0 1	16 22	1 47	22 8	0 10	12 38	1 50	23 41	17 50	21 6	21 18	19 58		n.a.	
T 25	12 35	26 32	2 52	4 57	3 36	7 37	5 9	16 5	1 3	20 32	0 1	16 22	1 47	22 8	0 10	12 38	1 50	23 42	17 50	21 6	21 18	20 0		n.a.	
W26	12 15	25 32	1 52	5 4	3 37	7 56	5 16	15 50	1 3	20 33	0 2	16 22	1 48	22 8	0 10	12 38	1 50	23 43	17 50	21 6	21 19	20 2		n.a.	
T 27	11 54	23 13	0 45	5 15	3 37	8 14	5 24	15 34	1 3	20 34	0 2	16 23	1 48	22 8	0 10	12 38	1 50	23 44	17 51	21 6	21 20	20 4		n.a.	
F 28	11s33	19n37	0s27	5s28	3n34	8n31	5n31	15s19	1s 2	20n35	0n 2	16s23	1n48	22n 8	0n10	12s37	1n51	23n45	17n51	21s 5	21s20	20n 6		n.a.	

Julian Day Number = 1360587.5, Delta T = 06h59m18s
Ecliptic obliquity = 23°48'51, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°42'52, Lahiri = -17°35'51 Julian Calendar 1 Feb. 988 BCE == Greg. Calendar 23 Jan. 988 BCE

The year -987 astronomical counting style corresponds to year 988 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 988 BCE
geocentric

MARCH 988 BCE (-987) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 56 56	1♓15'30	15♌21	7°R11	9♈ 2	22♒56	0♊29	20♏21	7♊58	7°R54	11°R25	26°R57	25♑38	11♉14	n.a.	S 1
S 2	10 0 53	2°14'17	29°11	6♓31	9°25	23°42	0°34	20°21	7°59	7♏54	11♍24	26♑54	25°35	11°21	n.a.	S 2
M 3	10 4 49	3°13'02	13♍20	5°49	9°46	24°28	0°39	20°22	7°59	7°53	11°22	26°49	25°32	11°27	n.a.	M 3
T 4	10 8 46	4°11'44	27°44	5° 4	10° 6	25°13	0°45	20°23	8° 0	7°53	11°20	26°44	25°29	11°34	n.a.	T 4
W 5	10 12 43	5°10'25	12♎16	4°18	10°23	25°59	0°50	20°23	8° 0	7°52	11°19	26°38	25°26	11°41	n.a.	W 5
T 6	10 16 39	6° 9'04	26°50	3°32	10°38	26°45	0°56	20°23	8° 1	7°52	11°17	26°33	25°22	11°47	n.a.	T 6
F 7	10 20 36	7° 7'41	11♏20	2°46	10°52	27°30	1° 2	20°24	8° 1	7°51	11°15	26°29	25°19	11°54	n.a.	F 7
S 8	10 24 32	8° 6'16	25°41	2° 2	11° 3	28°16	1° 7	20°24	8° 2	7°51	11°14	26°26	25°16	12° 1	n.a.	S 8
S 9	10 28 29	9° 4'50	9♐50	1°20	11°12	29° 1	1°13	20°R24	8° 3	7°50	11°12	26°D26	25°13	12° 8	n.a.	S 9
M10	10 32 25	10° 3'22	23°46	0°41	11°18	29°47	1°20	20°24	8° 3	7°49	11°10	26°26	25°10	12°14	n.a.	M10
T 11	10 36 22	11° 1'52	7♑28	0° 5	11°23	0♓32	1°26	20°24	8° 4	7°49	11° 9	26°28	25° 7	12°21	n.a.	T 11
W12	10 40 18	12° 0'20	20°57	29♒34	11°R25	1°18	1°33	20°23	8° 5	7°48	11° 7	26°R29	25° 3	12°28	n.a.	W12
T 13	10 44 15	12°58'47	4♒14	29° 6	11°25	2° 3	1°39	20°23	8° 6	7°47	11° 5	26°28	25° 0	12°34	n.a.	T 13
F 14	10 48 12	13°57'11	17°19	28°43	11°22	2°48	1°46	20°23	8° 7	7°46	11° 4	26°26	24°57	12°41	n.a.	F 14
S 15	10 52 8	14°55'34	0♓12	28°25	11°17	3°33	1°53	20°22	8° 8	7°46	11° 2	26°22	24°54	12°48	n.a.	S 15
S 16	10 56 5	15°53'55	12°54	28°12	11°10	4°19	2° 0	20°22	8° 9	7°45	11° 0	26°16	24°51	12°55	n.a.	S 16
M17	11 0 1	16°52'14	25°24	28° 4	11° 0	5° 4	2° 7	20°21	8°10	7°44	10°59	26° 7	24°47	13° 1	n.a.	M17
T 18	11 3 58	17°50'30	7♈44	28°D 0	10°47	5°49	2°15	20°20	8°11	7°43	10°57	25°58	24°44	13° 8	n.a.	T 18
W19	11 7 54	18°48'45	19°53	28° 2	10°33	6°34	2°22	20°19	8°13	7°42	10°55	25°48	24°41	13°15	n.a.	W19
T 20	11 11 51	19°46'58	1♉54	28° 9	10°15	7°19	2°30	20°18	8°14	7°41	10°54	25°39	24°38	13°21	n.a.	T 20
F 21	11 15 47	20°45'09	13°48	28°21	9°56	8° 4	2°37	20°17	8°15	7°40	10°52	25°31	24°35	13°28	n.a.	F 21
S 22	11 19 44	21°43'18	25°39	28°37	9°34	8°48	2°45	20°16	8°17	7°39	10°50	25°25	24°32	13°35	n.a.	S 22
S 23	11 23 40	22°41'25	7♊31	28°58	9°10	9°33	2°53	20°15	8°18	7°38	10°49	25°22	24°28	13°42	n.a.	S 23
M24	11 27 37	23°39'29	19°28	29°23	8°43	10°18	3° 1	20°13	8°19	7°37	10°47	25°D20	24°25	13°48	n.a.	M24
T 25	11 31 34	24°37'32	1♋35	29°53	8°15	11° 3	3°10	20°12	8°21	7°36	10°45	25°21	24°22	13°55	n.a.	T 25
W26	11 35 30	25°35'33	13°58	0♓27	7°45	11°47	3°18	20°10	8°23	7°35	10°44	25°21	24°19	14° 2	n.a.	W26
T 27	11 39 27	26°33'31	26°41	1° 4	7°13	12°32	3°27	20° 8	8°24	7°34	10°42	25°R22	24°16	14° 9	n.a.	T 27
F 28	11 43 23	27°31'28	9♌49	1°46	6°40	13°17	3°35	20° 7	8°26	7°33	10°40	25°21	24°13	14°15	n.a.	F 28
S 29	11 47 20	28°29'23	23°24	2°31	6° 5	14° 1	3°44	20° 5	8°28	7°32	10°39	25°18	24° 9	14°22	n.a.	S 29
S 30	11 51 16	29°27'15	7♍26	3°20	5°29	14°45	3°53	20° 3	8°29	7°31	10°37	25°12	24° 6	14°29	n.a.	S 30
M31	11 55 13	0♈25'06	21♍52	4♓12	4♈52	15♓30	4♊ 2	20♏ 1	8♊31	7♏29	10♍36	25♑ 5	24♑ 3	14♉35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s12	14n55	1s39	5s45	3n30	8n48	5n38	15s 4	1s 2	20n36	0n 2	16s23	1n48	22n 9	0n10	12s37	1n51	23n45	17n51	21s 6	21s21	20n 8		n.a.
S 2	10 50	9 21	2 46	6 5	3 25	9 3	5 45	14 48	1 2	20 37	0 2	16 23	1 48	22 9	0 10	12 37	1 51	23 46	17 51	21 6	21 21	20 10		n.a.
M 3	10 29	3 11	3 46	6 28	3 18	9 18	5 52	14 32	1 2	20 39	0 2	16 23	1 48	22 9	0 10	12 37	1 51	23 47	17 51	21 7	21 22	20 12		n.a.
T 4	10 7	3s13	4 31	6 53	3 9	9 32	5 59	14 17	1 1	20 40	0 2	16 23	1 48	22 9	0 10	12 37	1 51	23 48	17 51	21 8	21 23	20 14		n.a.
W 5	9 46	9 31	5 0	7 19	2 59	9 45	6 5	14 1	1 1	20 41	0 2	16 23	1 48	22 9	0 10	12 36	1 51	23 48	17 51	21 9	21 23	20 16		n.a.
T 6	9 24	15 18	5 10	7 47	2 47	9 57	6 12	13 45	1 1	20 42	0 3	16 23	1 48	22 9	0 10	12 36	1 51	23 49	17 51	21 10	21 24	20 18		n.a.
F 7	9 2	20 12	5 0	8 15	2 34	10 8	6 18	13 29	1 1	20 44	0 3	16 23	1 49	22 9	0 10	12 36	1 51	23 50	17 51	21 11	21 24	20 19		n.a.
S 8	8 40	23 51	4 31	8 44	2 21	10 18	6 24	13 12	1 0	20 45	0 3	16 23	1 49	22 9	0 10	12 36	1 51	23 50	17 51	21 12	21 25	20 21		n.a.
S 9	8 17	25 59	3 45	9 12	2 6	10 27	6 30	12 56	1 0	20 46	0 3	16 23	1 49	22 9	0 10	12 35	1 51	23 51	17 51	21 12	21 26	20 23		n.a.
M10	7 55	26 27	2 48	9 40	1 51	10 35	6 35	12 39	1 0	20 48	0 3	16 23	1 49	22 9	0 10	12 35	1 51	23 52	17 51	21 12	21 26	20 25		n.a.
T 11	7 33	25 17	1 41	10 8	1 35	10 41	6 40	12 23	1 0	20 49	0 3	16 23	1 49	22 9	0 10	12 35	1 51	23 53	17 51	21 11	21 27	20 27		n.a.
W12	7 10	22 39	0 30	10 34	1 20	10 46	6 45	12 6	0 59	20 51	0 3	16 22	1 49	22 10	0 10	12 35	1 51	23 53	17 51	21 11	21 27	20 29		n.a.
T 13	6 47	18 50	0n42	10 59	1 4	10 50	6 49	11 50	0 59	20 52	0 3	16 22	1 49	22 10	0 10	12 34	1 51	23 54	17 51	21 11	21 28	20 31		n.a.
F 14	6 24	14 9	1 50	11 22	0 47	10 53	6 54	11 33	0 59	20 54	0 3	16 22	1 49	22 10	0 10	12 34	1 51	23 55	17 51	21 12	21 28	20 33		n.a.
S 15	6 2	8 54	2 51	11 43	0 32	10 54	6 57	11 16	0 58	20 55	0 4	16 22	1 49	22 10	0 10	12 34	1 51	23 55	17 51	21 13	21 29	20 35		n.a.
S 16	5 39	3 24	3 43	12 2	0 16	10 54	7 0	10 59	0 58	20 57	0 4	16 21	1 50	22 10	0 10	12 33	1 51	23 56	17 51	21 14	21 30	20 36		n.a.
M17	5 16	2n10	4 23	12 19	0 1	10 53	7 3	10 42	0 58	20 58	0 4	16 21	1 50	22 10	0 10	12 33	1 51	23 56	17 51	21 15	21 30	20 38		n.a.
T 18	4 53	7 33	4 50	12 34	0s14	10 50	7 5	10 25	0 58	21 0	0 4	16 21	1 50	22 11	0 10	12 33	1 51	23 57	17 51	21 17	21 31	20 40		n.a.
W19	4 30	12 34	5 4	12 47	0 28	10 45	7 7	10 8	0 57	21 2	0 4	16 20	1 50	22 11	0 10	12 33	1 51	23 58	17 51	21 19	21 31	20 42		n.a.
T 20	4 6	17 3	5 4	12 58	0 42	10 39	7 8	9 50	0 57	21 3	0 4	16 20	1 50	22 11	0 10	12 32	1 51	23 58	17 51	21 21	21 32	20 44		n.a.
F 21	3 43	20 50	4 50	13 6	0 55	10 32	7 8	9 33	0 57	21 5	0 4	16 20	1 50	22 11	0 10	12 32	1 52	23 59	17 51	21 22	21 33	20 46		n.a.
S 22	3 20	23 45	4 24	13 12	1 8	10 23	7 8	9 16	0 56	21 6	0 4	16 19	1 50	22 12	0 10	12 31	1 52	23 59	17 51	21 23	21 33	20 47		n.a.
S 23	2 57	25 38	3 47	13 15	1 20	10 12	7 7	8 58	0 56	21 8	0 4	16 19	1 50	22 12	0 10	12 31	1 52	24 0	17 51	21 24	21 34	20 49		n.a.
M24	2 33	26 22	3 0	13 16	1 31	10 0	7 6	8 41	0 56	21 10	0 5	16 18	1 50	22 12	0 10	12 31	1 52	24 0	17 51	21 24	21 34	20 51		n.a.
T 25	2 10	25 52	2 4	13 16	1 41	9 47	7 3	8 23	0 55	21 12	0 5	16 18	1 51	22 12	0 10	12 30	1 52	24 1	17 51	21 24	21 35	20 53		n.a.
W26	1 47	24 4	1 1	13 12	1 51	9 32	7 0	8 5	0 55	21 13	0 5	16 17	1 51	22 12	0 10	12 30	1 52	24 2	17 50	21 24	21 35	20 55		n.a.
T 27	1 23	21 2	0s 7	13 7	1 59	9 15	6 56	7 48	0 54	21 15	0 5	16 17	1 51	22 13	0 10	12 30	1 52	24 2	17 50	21 24	21 36	20 56		n.a.
F 28	1 0	16 51	1 16	13 0	2 8	8 58	6 52	7 30	0 54	21 17	0 5	16 16	1 51	22 13	0 10	12 29	1 52	24 3	17 50	21 24	21 37	20 58		n.a.
S 29	0 37	11 41	2 24	12 50	2 15	8 39	6 46	7 12	0 54	21 19	0 5	16 16	1 51	22 13	0 10	12 29	1 52	24 3	17 50	21 25	21 37	21 0		n.a.
S 30	0 13	5 46	3 24	12 38	2 22	8 18	6 40	6 55	0 53	21 20	0 5	16 15	1 51	22 14	0 10	12 28	1 52	24 3	17 50	21 26	21 38	21 2		n.a.
M31	0n10	0s36	4s14	12s25	2s28	7n57	6n33	6s37	0s53	21n22	0n 5	16s14	1n51	22n14	0n10	12s28	1n52	24n 4	17n50	21s27	21s38	21n 4		n.a.

Julian Day Number = 1360615.5, Delta T = 06h59m17s
Ecliptic obliquity = 23°48'51, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°42'48, Lahiri = -17°35'48 Julian Calendar 1 March 988 BCE == Greg. Calendar 20 Feb. 988 BCE

The year -987 astronomical counting style corresponds to year 988 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 988 BCE
geocentric

APRIL 988 BCE (-987) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 59 9	1♈22'55	6♎38	5♓ 7	4°R14	16♓14	4♊11	19°R59	8♊33	7°R28	10°R34	24°R55	24♑ 0	14♉42	n.a.	T 1
W 2	12 3 6	2°20'43	21°36	6° 5	3♈36	16°58	4°20	19♏57	8°35	7♏27	10♍33	24♑45	23°57	14°49	n.a.	W 2
T 3	12 7 3	3°18'29	6♏35	7° 7	2°58	17°43	4°29	19°54	8°37	7°26	10°31	24°36	23°53	14°56	n.a.	T 3
F 4	12 10 59	4°16'13	21°27	8°11	2°20	18°27	4°39	19°52	8°39	7°24	10°30	24°29	23°50	15° 2	n.a.	F 4
S 5	12 14 56	5°13'57	6♐ 4	9°18	1°42	19°11	4°48	19°50	8°41	7°23	10°28	24°23	23°47	15° 9	n.a.	S 5
S 6	12 18 52	6°11'39	20°23	10°28	1° 5	19°55	4°58	19°47	8°43	7°22	10°27	24°20	23°44	15°16	n.a.	S 6
M 7	12 22 49	7° 9'20	4♑20	11°40	0°29	20°39	5° 7	19°45	8°45	7°21	10°25	24°D20	23°41	15°22	n.a.	M 7
T 8	12 26 45	8° 7'00	17°57	12°55	29♓54	21°23	5°17	19°42	8°47	7°19	10°24	24°R20	23°38	15°29	n.a.	T 8
W 9	12 30 42	9° 4'39	1♒15	14°13	29°20	22° 7	5°27	19°39	8°49	7°18	10°22	24°20	23°34	15°36	n.a.	W 9
T 10	12 34 38	10° 2'17	14°16	15°33	28°47	22°51	5°37	19°36	8°52	7°17	10°21	24°18	23°31	15°43	n.a.	T 10
F 11	12 38 35	10°59'53	27° 3	16°56	28°16	23°35	5°47	19°34	8°54	7°15	10°19	24°14	23°28	15°49	n.a.	F 11
S 12	12 42 32	11°57'28	9♓38	18°20	27°47	24°18	5°57	19°31	8°56	7°14	10°18	24° 8	23°25	15°56	n.a.	S 12
S 13	12 46 28	12°55'02	22° 3	19°48	27°19	25° 2	6° 8	19°28	8°59	7°12	10°17	23°59	23°22	16° 3	n.a.	S 13
M14	12 50 25	13°52'35	4♈19	21°17	26°54	25°46	6°18	19°24	9° 1	7°11	10°15	23°47	23°18	16° 9	n.a.	M14
T 15	12 54 21	14°50'06	16°28	22°49	26°31	26°29	6°28	19°21	9° 3	7° 9	10°14	23°34	23°15	16°16	n.a.	T 15
W16	12 58 18	15°47'36	28°29	24°24	26°10	27°13	6°39	19°18	9° 6	7° 8	10°13	23°20	23°12	16°23	n.a.	W16
T 17	13 2 14	16°45'05	10♉25	26° 0	25°51	27°56	6°50	19°15	9° 8	7° 6	10°11	23° 7	23° 9	16°29	n.a.	T 17
F 18	13 6 11	17°42'33	22°16	27°39	25°35	28°40	7° 0	19°11	9°11	7° 5	10°10	22°56	23° 6	16°36	n.a.	F 18
S 19	13 10 7	18°39'59	4♊ 6	29°20	25°21	29°23	7°11	19° 8	9°14	7° 3	10° 9	22°47	23° 3	16°43	n.a.	S 19
S 20	13 14 4	19°37'24	15°57	1♈ 3	25° 9	0♈ 6	7°22	19° 4	9°16	7° 2	10° 8	22°41	22°59	16°50	n.a.	S 20
M21	13 18 1	20°34'48	27°53	2°49	25° 0	0°50	7°33	19° 1	9°19	7° 0	10° 7	22°37	22°56	16°56	n.a.	M21
T 22	13 21 57	21°32'11	9♋59	4°37	24°53	1°33	7°44	18°57	9°22	6°59	10° 5	22°36	22°53	17° 3	n.a.	T 22
W23	13 25 54	22°29'32	22°19	6°27	24°49	2°16	7°55	18°54	9°24	6°57	10° 4	22°36	22°50	17°10	n.a.	W23
T 24	13 29 50	23°26'52	4♌59	8°19	24°D47	2°59	8° 6	18°50	9°27	6°56	10° 3	22°36	22°47	17°16	n.a.	T 24
F 25	13 33 47	24°24'10	18° 3	10°14	24°47	3°42	8°17	18°46	9°30	6°54	10° 2	22°34	22°44	17°23	n.a.	F 25
S 26	13 37 43	25°21'27	1♍36	12°10	24°50	4°25	8°29	18°42	9°33	6°53	10° 1	22°31	22°40	17°30	n.a.	S 26
S 27	13 41 40	26°18'43	15°38	14° 9	24°55	5° 8	8°40	18°39	9°36	6°51	10° 0	22°25	22°37	17°37	n.a.	S 27
M28	13 45 36	27°15'58	0♎ 9	16°10	25° 2	5°51	8°52	18°35	9°38	6°49	9°59	22°17	22°34	17°43	n.a.	M28
T 29	13 49 33	28°13'12	15° 4	18°12	25°11	6°34	9° 3	18°31	9°41	6°48	9°58	22° 7	22°31	17°50	n.a.	T 29
W30	13 53 30	29♈10'25	0♏15	20♈17	25♓23	7♈16	9♊15	18♏27	9♊44	6♏46	9♍57	21♑56	22♑28	17♉57	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n33	7s 4	4s47	12s 9	2s33	7n35	6n25	6s19	0s53	21n24	0n 5	16s14	1n51	22n14	0n10	12s27	1n52	24n 4	17n49	21s29	21s39	21n 5		n.a.
W 2	0 57	13 12	5 2	11 51	2 38	7 12	6 16	6 1	0 52	21 26	0 5	16 13	1 51	22 14	0 10	12 27	1 52	24 5	17 49	21 31	21 39	21 7		n.a.
T 3	1 20	18 34	4 56	11 32	2 42	6 48	6 7	5 43	0 52	21 28	0 6	16 12	1 51	22 15	0 10	12 27	1 52	24 5	17 49	21 32	21 40	21 9		n.a.
F 4	1 43	22 44	4 30	11 10	2 45	6 23	5 57	5 25	0 51	21 30	0 6	16 12	1 51	22 15	0 10	12 26	1 52	24 6	17 49	21 34	21 40	21 11		n.a.
S 5	2 7	25 22	3 47	10 47	2 47	5 58	5 47	5 8	0 51	21 31	0 6	16 11	1 51	22 15	0 10	12 26	1 52	24 6	17 48	21 35	21 41	21 12		n.a.
S 6	2 30	26 17	2 50	10 22	2 49	5 33	5 35	4 50	0 51	21 33	0 6	16 10	1 52	22 16	0 10	12 25	1 52	24 6	17 48	21 35	21 42	21 14		n.a.
M 7	2 53	25 28	1 44	9 55	2 50	5 8	5 24	4 32	0 50	21 35	0 6	16 9	1 52	22 16	0 10	12 25	1 52	24 7	17 48	21 35	21 42	21 16		n.a.
T 8	3 16	23 9	0 34	9 26	2 51	4 42	5 11	4 14	0 50	21 37	0 6	16 9	1 52	22 16	0 10	12 24	1 52	24 7	17 48	21 35	21 43	21 17		n.a.
W 9	3 39	19 36	0n37	8 55	2 51	4 17	4 59	3 56	0 49	21 39	0 6	16 8	1 52	22 17	0 10	12 24	1 52	24 7	17 47	21 35	21 43	21 19		n.a.
T 10	4 2	15 10	1 44	8 23	2 50	3 52	4 46	3 38	0 49	21 41	0 6	16 7	1 52	22 17	0 10	12 23	1 52	24 8	17 47	21 36	21 44	21 21		n.a.
F 11	4 25	10 7	2 44	7 49	2 49	3 27	4 33	3 20	0 48	21 43	0 6	16 6	1 52	22 17	0 10	12 23	1 52	24 8	17 47	21 36	21 44	21 23		n.a.
S 12	4 48	4 46	3 35	7 14	2 47	3 3	4 19	3 2	0 48	21 45	0 6	16 5	1 52	22 18	0 10	12 22	1 52	24 8	17 46	21 37	21 45	21 24		n.a.
S 13	5 11	0n42	4 15	6 36	2 44	2 40	4 5	2 44	0 48	21 47	0 7	16 4	1 52	22 18	0 10	12 22	1 52	24 8	17 46	21 39	21 45	21 26		n.a.
M14	5 33	6 4	4 43	5 58	2 41	2 17	3 52	2 26	0 47	21 48	0 7	16 4	1 52	22 19	0 10	12 21	1 52	24 9	17 46	21 41	21 46	21 28		n.a.
T 15	5 56	11 8	4 58	5 17	2 37	1 55	3 38	2 8	0 47	21 50	0 7	16 3	1 52	22 19	0 10	12 21	1 52	24 9	17 46	21 43	21 47	21 29		n.a.
W16	6 19	15 44	4 59	4 35	2 33	1 33	3 24	1 50	0 46	21 52	0 7	16 2	1 52	22 19	0 10	12 20	1 52	24 9	17 45	21 46	21 47	21 31		n.a.
T 17	6 41	19 42	4 47	3 52	2 28	1 13	3 10	1 32	0 46	21 54	0 7	16 1	1 52	22 20	0 10	12 20	1 52	24 9	17 45	21 48	21 48	21 33		n.a.
F 18	7 3	22 50	4 22	3 7	2 22	0 54	2 56	1 14	0 45	21 56	0 7	16 0	1 52	22 20	0 10	12 19	1 52	24 9	17 44	21 50	21 48	21 34		n.a.
S 19	7 26	25 0	3 46	2 21	2 16	0 36	2 42	0 56	0 45	21 58	0 7	15 59	1 52	22 21	0 10	12 19	1 52	24 10	17 44	21 51	21 49	21 36		n.a.
S 20	7 48	26 3	3 1	1 33	2 9	0 19	2 28	0 38	0 44	22 0	0 7	15 58	1 52	22 21	0 10	12 18	1 52	24 10	17 44	21 52	21 49	21 38		n.a.
M21	8 10	25 54	2 7	0 44	2 2	0 3	2 15	0 20	0 44	22 2	0 7	15 57	1 52	22 21	0 10	12 18	1 52	24 10	17 43	21 53	21 50	21 39		n.a.
T 22	8 31	24 32	1 6	0n 7	1 55	0s12	2 2	0 2	0 43	22 4	0 7	15 56	1 52	22 22	0 10	12 17	1 52	24 10	17 43	21 53	21 50	21 41		n.a.
W23	8 53	21 58	0 2	0 58	1 47	0 26	1 49	0n16	0 43	22 6	0 8	15 55	1 52	22 22	0 10	12 17	1 52	24 10	17 43	21 53	21 51	21 43		n.a.
T 24	9 15	18 16	1s 5	1 51	1 38	0 39	1 36	0 34	0 42	22 8	0 8	15 54	1 52	22 23	0 10	12 16	1 52	24 10	17 42	21 53	21 51	21 44		n.a.
F 25	9 36	13 36	2 10	2 45	1 29	0 50	1 23	0 51	0 42	22 10	0 8	15 53	1 52	22 23	0 10	12 16	1 52	24 10	17 42	21 53	21 52	21 46		n.a.
S 26	9 57	8 7	3 10	3 40	1 20	1 0	1 11	1 9	0 41	22 12	0 8	15 52	1 52	22 24	0 10	12 15	1 52	24 10	17 41	21 54	21 52	21 47		n.a.
S 27	10 19	2 3	4 1	4 36	1 10	1 9	0 59	1 27	0 41	22 13	0 8	15 51	1 52	22 24	0 10	12 15	1 52	24 10	17 41	21 55	21 53	21 49		n.a.
M28	10 40	4s19	4 39	5 32	1 0	1 17	0 47	1 45	0 40	22 15	0 8	15 49	1 52	22 24	0 10	12 14	1 52	24 10	17 40	21 56	21 54	21 51		n.a.
T 29	11 0	10 36	4 58	6 29	0 50	1 24	0 36	2 2	0 40	22 17	0 8	15 48	1 52	22 25	0 10	12 14	1 52	24 10	17 40	21 58	21 54	21 52		n.a.
W30	11n21	16s22	4s57	7n26	0s39	1s29	0n25	2n20	0s39	22n19	0n 8	15s47	1n52	22n25	0n10	12s13	1n52	24n10	17n40	22s 0	21s55	21n54		n.a.

Julian Day Number = 1360646.5, Delta T = 06h59m15s
Ecliptic obliquity = 23°48'52, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°42'44, Lahiri = -17°35'43 Julian Calendar 1 Apr. 988 BCE == Greg. Calendar 23 March 988 BCE

The year -987 astronomical counting style corresponds to year 988 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 988 BCE
geocentric

MAY 988 BCE (-987) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 57 26	0♉ 7'37	15♏30	22♈23	25♓36	7♈59	9♊26	18°R23	9♊47	6°R45	9°R56	21°R46	22♑24	18♉ 3	n.a.	T 1
F 2	14 1 23	1° 4'49	0♐40	24°30	25°51	8°42	9°38	18♏19	9°50	6♏43	9♍55	21♑38	22°21	18°10	n.a.	F 2
S 3	14 5 19	2° 2'00	15°35	26°39	26° 9	9°24	9°50	18°14	9°53	6°41	9°54	21°32	22°18	18°17	n.a.	S 3
S 4	14 9 16	2°59'11	0♑ 7	28°49	26°28	10° 7	10° 2	18°10	9°56	6°40	9°53	21°28	22°15	18°24	n.a.	S 4
M 5	14 13 12	3°56'21	14°14	1♉ 0	26°49	10°49	10°14	18° 6	10° 0	6°38	9°53	21°27	22°12	18°30	n.a.	M 5
T 6	14 17 9	4°53'31	27°55	3°11	27°12	11°32	10°26	18° 2	10° 3	6°37	9°52	21°27	22° 9	18°37	n.a.	T 6
W 7	14 21 5	5°50'41	11♒11	5°23	27°36	12°14	10°38	17°58	10° 6	6°35	9°51	21°27	22° 5	18°44	n.a.	W 7
T 8	14 25 2	6°47'50	24° 7	7°34	28° 3	12°56	10°50	17°53	10° 9	6°33	9°50	21°26	22° 2	18°50	n.a.	T 8
F 9	14 28 59	7°44'59	6♓46	9°46	28°30	13°39	11° 2	17°49	10°12	6°32	9°50	21°23	21°59	18°57	n.a.	F 9
S 10	14 32 55	8°42'08	19°10	11°56	28°59	14°21	11°14	17°45	10°15	6°30	9°49	21°17	21°56	19° 4	n.a.	S 10
S 11	14 36 52	9°39'16	1♈24	14° 6	29°30	15° 3	11°26	17°41	10°19	6°29	9°48	21° 9	21°53	19°11	n.a.	S 11
M12	14 40 48	10°36'24	13°29	16°16	0♈ 2	15°45	11°38	17°36	10°22	6°27	9°48	20°58	21°49	19°17	n.a.	M12
T 13	14 44 45	11°33'32	25°28	18°23	0°35	16°27	11°51	17°32	10°25	6°25	9°47	20°46	21°46	19°24	n.a.	T 13
W14	14 48 41	12°30'40	7♉23	20°30	1°10	17° 9	12° 3	17°28	10°29	6°24	9°47	20°33	21°43	19°31	n.a.	W14
T 15	14 52 38	13°27'47	19°15	22°35	1°46	17°51	12°16	17°23	10°32	6°22	9°46	20°21	21°40	19°37	n.a.	T 15
F 16	14 56 34	14°24'54	1♊ 5	24°38	2°23	18°33	12°28	17°19	10°35	6°20	9°46	20°11	21°37	19°44	n.a.	F 16
S 17	15 0 31	15°22'01	12°56	26°40	3° 1	19°15	12°41	17°14	10°39	6°19	9°45	20° 3	21°34	19°51	n.a.	S 17
S 18	15 4 28	16°19'07	24°49	28°39	3°41	19°56	12°53	17°10	10°42	6°17	9°45	19°57	21°30	19°57	n.a.	S 18
M19	15 8 24	17°16'13	6♋48	0♊37	4°21	20°38	13° 6	17° 6	10°45	6°16	9°44	19°54	21°27	20° 4	n.a.	M19
T 20	15 12 21	18°13'19	18°56	2°32	5° 2	21°20	13°18	17° 1	10°49	6°14	9°44	19°D54	21°24	20°11	n.a.	T 20
W21	15 16 17	19°10'24	1♌17	4°26	5°45	22° 1	13°31	16°57	10°52	6°13	9°44	19°54	21°21	20°18	n.a.	W21
T 22	15 20 14	20° 7'29	13°56	6°17	6°28	22°43	13°44	16°52	10°56	6°11	9°43	19°R55	21°18	20°24	n.a.	T 22
F 23	15 24 10	21° 4'34	26°57	8° 7	7°12	23°24	13°57	16°48	10°59	6° 9	9°43	19°55	21°15	20°31	n.a.	F 23
S 24	15 28 7	22° 1'38	10♍24	9°54	7°57	24° 6	14° 9	16°44	11° 3	6° 8	9°43	19°53	21°11	20°38	n.a.	S 24
S 25	15 32 4	22°58'41	24°19	11°39	8°43	24°47	14°22	16°39	11° 6	6° 6	9°43	19°50	21° 8	20°44	n.a.	S 25
M26	15 36 0	23°55'45	8♎43	13°22	9°30	25°28	14°35	16°35	11°10	6° 5	9°43	19°44	21° 5	20°51	n.a.	M26
T 27	15 39 57	24°52'49	23°33	15° 3	10°18	26° 9	14°48	16°31	11°13	6° 3	9°42	19°37	21° 2	20°58	n.a.	T 27
W28	15 43 53	25°49'52	8♏41	16°42	11° 6	26°50	15° 1	16°26	11°17	6° 2	9°42	19°29	20°59	21° 5	n.a.	W28
T 29	15 47 50	26°46'56	23°58	18°18	11°55	27°32	15°14	16°22	11°20	6° 0	9°42	19°21	20°55	21°11	n.a.	T 29
F 30	15 51 46	27°43'59	9♐13	19°52	12°45	28°13	15°27	16°18	11°24	5°59	9°D42	19°15	20°52	21°18	n.a.	F 30
S 31	15 55 43	28♉41'04	24♐16	21♊25	13♈35	28♈54	15♊40	16♏13	11♊28	5♏57	9♍42	19♑11	20♑49	21♉25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n42	21s 7	4s35	8n24	0s29	1s33	0n14	2n37	0s39	22n21	0n 8	15s46	1n52	22n26	0n10	12s13	1n52	24n10	17n39	22s 1	21s55	21n55		n.a.
F 2	12 2	24 25	3 54	9 22	0 18	1 37	0 4	2 55	0 38	22 23	0 8	15 45	1 52	22 26	0 10	12 12	1 52	24 10	17 39	22 3	21 56	21 57		n.a.
S 3	12 22	25 58	2 57	10 19	0 7	1 39	0s 6	3 12	0 38	22 25	0 9	15 44	1 52	22 27	0 10	12 12	1 52	24 10	17 38	22 4	21 56	21 59		n.a.
S 4	12 42	25 39	1 50	11 17	0n 3	1 40	0 16	3 30	0 37	22 27	0 9	15 43	1 52	22 27	0 10	12 11	1 52	24 10	17 38	22 4	21 57	22 0		n.a.
M 5	13 2	23 40	0 38	12 13	0 14	1 40	0 25	3 47	0 37	22 28	0 9	15 42	1 52	22 28	0 10	12 10	1 52	24 10	17 37	22 4	21 57	22 2		n.a.
T 6	13 21	20 21	0n34	13 9	0 24	1 39	0 34	4 4	0 36	22 30	0 9	15 40	1 52	22 28	0 10	12 10	1 52	24 10	17 37	22 4	21 58	22 3		n.a.
W 7	13 41	16 3	1 43	14 4	0 34	1 37	0 43	4 22	0 36	22 32	0 9	15 39	1 52	22 29	0 10	12 9	1 52	24 9	17 36	22 4	21 58	22 5		n.a.
T 8	14 0	11 7	2 44	14 57	0 44	1 35	0 52	4 39	0 35	22 34	0 9	15 38	1 52	22 29	0 10	12 9	1 52	24 9	17 36	22 5	21 59	22 6		n.a.
F 9	14 19	5 50	3 36	15 49	0 54	1 31	1 0	4 56	0 35	22 36	0 9	15 37	1 52	22 30	0 10	12 8	1 52	24 9	17 35	22 5	21 59	22 8		n.a.
S 10	14 37	0 26	4 16	16 39	1 3	1 26	1 8	5 13	0 34	22 38	0 9	15 36	1 52	22 30	0 10	12 8	1 52	24 9	17 35	22 6	22 0	22 9		n.a.
S 11	14 56	4n54	4 44	17 27	1 11	1 21	1 15	5 30	0 33	22 39	0 9	15 35	1 52	22 30	0 10	12 7	1 52	24 9	17 34	22 7	22 0	22 11		n.a.
M12	15 14	9 59	4 59	18 13	1 19	1 14	1 22	5 47	0 33	22 41	0 9	15 33	1 52	22 31	0 10	12 7	1 52	24 9	17 34	22 9	22 1	22 12		n.a.
T 13	15 32	14 39	5 0	18 57	1 26	1 7	1 29	6 4	0 32	22 43	0 9	15 32	1 52	22 31	0 10	12 6	1 52	24 8	17 33	22 11	22 1	22 14		n.a.
W14	15 50	18 44	4 49	19 39	1 33	0 59	1 36	6 21	0 32	22 45	0 10	15 31	1 52	22 32	0 10	12 6	1 52	24 8	17 33	22 13	22 2	22 15		n.a.
T 15	16 8	22 3	4 25	20 18	1 39	0 51	1 42	6 38	0 31	22 47	0 10	15 30	1 52	22 32	0 10	12 5	1 52	24 8	17 32	22 15	22 2	22 17		n.a.
F 16	16 25	24 26	3 49	20 54	1 44	0 41	1 48	6 54	0 31	22 48	0 10	15 29	1 52	22 33	0 10	12 5	1 52	24 7	17 32	22 16	22 3	22 18		n.a.
S 17	16 42	25 44	3 3	21 29	1 49	0 31	1 54	7 11	0 30	22 50	0 10	15 27	1 52	22 33	0 10	12 4	1 52	24 7	17 31	22 17	22 3	22 20		n.a.
S 18	16 59	25 52	2 10	22 0	1 53	0 21	2 0	7 28	0 30	22 52	0 10	15 26	1 52	22 34	0 10	12 4	1 52	24 7	17 31	22 18	22 4	22 21		n.a.
M19	17 15	24 47	1 9	22 29	1 56	0 9	2 5	7 44	0 29	22 53	0 10	15 25	1 52	22 34	0 10	12 3	1 52	24 6	17 30	22 19	22 4	22 23		n.a.
T 20	17 31	22 32	0 5	22 56	1 59	0n 3	2 10	8 0	0 28	22 55	0 10	15 24	1 52	22 35	0 10	12 3	1 52	24 6	17 29	22 19	22 5	22 24		n.a.
W21	17 47	19 12	1s 1	23 20	2 1	0 15	2 15	8 17	0 28	22 57	0 10	15 23	1 52	22 35	0 10	12 2	1 52	24 6	17 29	22 19	22 5	22 26		n.a.
T 22	18 3	14 55	2 5	23 42	2 2	0 29	2 19	8 33	0 27	22 59	0 10	15 21	1 52	22 36	0 10	12 2	1 52	24 5	17 28	22 19	22 6	22 27		n.a.
F 23	18 18	9 50	3 5	24 1	2 3	0 42	2 24	8 49	0 27	23 0	0 10	15 20	1 52	22 36	0 10	12 1	1 52	24 5	17 28	22 19	22 6	22 29		n.a.
S 24	18 34	4 9	3 57	24 18	2 2	0 57	2 28	9 5	0 26	23 2	0 10	15 19	1 51	22 37	0 10	12 1	1 52	24 5	17 27	22 19	22 7	22 30		n.a.
S 25	18 48	1s56	4 36	24 33	2 2	1 12	2 32	9 21	0 25	23 3	0 11	15 18	1 51	22 37	0 10	12 0	1 52	24 4	17 27	22 19	22 7	22 32		n.a.
M26	19 3	8 6	5 0	24 45	2 0	1 27	2 35	9 37	0 25	23 5	0 11	15 17	1 51	22 38	0 10	12 0	1 52	24 4	17 26	22 20	22 8	22 33		n.a.
T 27	19 17	13 59	5 5	24 55	1 58	1 43	2 39	9 53	0 24	23 7	0 11	15 16	1 51	22 38	0 10	11 59	1 52	24 3	17 26	22 21	22 8	22 34		n.a.
W28	19 31	19 10	4 49	25 3	1 56	1 59	2 42	10 8	0 24	23 8	0 11	15 14	1 51	22 39	0 10	11 59	1 52	24 3	17 25	22 22	22 9	22 36		n.a.
T 29	19 45	23 7	4 12	25 9	1 52	2 15	2 45	10 24	0 23	23 10	0 11	15 13	1 51	22 39	0 10	11 58	1 52	24 2	17 24	22 24	22 9	22 37		n.a.
F 30	19 58	25 26	3 18	25 13	1 48	2 33	2 48	10 39	0 22	23 11	0 11	15 12	1 51	22 40	0 10	11 58	1 52	24 2	17 24	22 24	22 10	22 39		n.a.
S 31	20n11	25s51	2s10	25n16	1n44	2n50	2s50	10n55	0s22	23n13	0n11	15s11	1n51	22n40	0n10	11s57	1n52	24n 1	17n23	22s25	22s10	22n40		n.a.

Julian Day Number = 1360676.5, Delta T = 06h59m14s
Ecliptic obliquity = 23°48'51, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°42'40, Lahiri = -17°35'39 Julian Calendar 1 May 988 BCE == Greg. Calendar 22 Apr. 988 BCE

The year -987 astronomical counting style corresponds to year 988 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 988 BCE
geocentric

JUNE 988 BCE (-987) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 59 39	29♉38'08	8♑59	22♊55	14♈26	29♈35	15♊53	16°R 9	11♊31	5°R56	9♍42	19°R 9	20♑46	21♉31	n.a.	S 1
M 2	16 3 36	0♊35'13	23°16	24°23	15°18	0♉15	16° 6	16♏ 5	11°35	5♏55	9°42	19°D 8	20°43	21°38	n.a.	M 2
T 3	16 7 33	1°32'18	7♒ 5	25°48	16°10	0°56	16°19	16° 1	11°38	5°53	9°43	19♑ 9	20°40	21°45	n.a.	T 3
W 4	16 11 29	2°29'24	20°28	27°12	17° 3	1°37	16°32	15°57	11°42	5°52	9°43	19°10	20°36	21°51	n.a.	W 4
T 5	16 15 26	3°26'31	3♓26	28°33	17°56	2°18	16°45	15°53	11°46	5°50	9°43	19°R11	20°33	21°58	n.a.	T 5
F 6	16 19 22	4°23'38	16° 4	29°51	18°50	2°58	16°58	15°48	11°49	5°49	9°43	19°10	20°30	22° 5	n.a.	F 6
S 7	16 23 19	5°20'46	28°25	1♋ 8	19°45	3°39	17°11	15°44	11°53	5°48	9°43	19° 8	20°27	22°12	n.a.	S 7
S 8	16 27 15	6°17'55	10♈33	2°22	20°40	4°20	17°24	15°40	11°57	5°46	9°44	19° 3	20°24	22°18	n.a.	S 8
M 9	16 31 12	7°15'05	22°33	3°33	21°36	5° 0	17°38	15°37	12° 0	5°45	9°44	18°57	20°21	22°25	n.a.	M 9
T 10	16 35 9	8°12'15	4♉27	4°42	22°32	5°40	17°51	15°33	12° 4	5°44	9°44	18°50	20°17	22°32	n.a.	T 10
W11	16 39 5	9° 9'26	16°18	5°48	23°28	6°21	18° 4	15°29	12° 8	5°42	9°45	18°43	20°14	22°38	n.a.	W11
T 12	16 43 2	10° 6'38	28° 9	6°52	24°25	7° 1	18°17	15°25	12°11	5°41	9°45	18°36	20°11	22°45	n.a.	T 12
F 13	16 46 58	11° 3'50	10♊ 1	7°53	25°23	7°41	18°31	15°21	12°15	5°40	9°46	18°30	20° 8	22°52	n.a.	F 13
S 14	16 50 55	12° 1'04	21°56	8°50	26°20	8°22	18°44	15°18	12°19	5°39	9°46	18°25	20° 5	22°59	n.a.	S 14
S 15	16 54 51	12°58'17	3♋56	9°45	27°19	9° 2	18°57	15°14	12°22	5°37	9°47	18°23	20° 1	23° 5	n.a.	S 15
M16	16 58 48	13°55'32	16° 3	10°37	28°17	9°42	19°10	15°10	12°26	5°36	9°47	18°D22	19°58	23°12	n.a.	M16
T 17	17 2 44	14°52'47	28°19	11°25	29°16	10°22	19°24	15° 7	12°29	5°35	9°48	18°22	19°55	23°19	n.a.	T 17
W18	17 6 41	15°50'03	10♌48	12°10	0♉15	11° 2	19°37	15° 3	12°33	5°34	9°48	18°23	19°52	23°25	n.a.	W18
T 19	17 10 38	16°47'19	23°33	12°51	1°15	11°42	19°50	15° 0	12°37	5°33	9°49	18°25	19°49	23°32	n.a.	T 19
F 20	17 14 34	17°44'36	6♍36	13°28	2°15	12°22	20° 4	14°57	12°40	5°32	9°50	18°26	19°46	23°39	n.a.	F 20
S 21	17 18 31	18°41'54	20° 0	14° 2	3°15	13° 1	20°17	14°53	12°44	5°31	9°50	18°R27	19°42	23°45	n.a.	S 21
S 22	17 22 27	19°39'12	3♎49	14°31	4°16	13°41	20°30	14°50	12°48	5°29	9°51	18°26	19°39	23°52	n.a.	S 22
M23	17 26 24	20°36'31	18° 1	14°56	5°17	14°21	20°43	14°47	12°51	5°28	9°52	18°24	19°36	23°59	n.a.	M23
T 24	17 30 20	21°33'50	2♏35	15°16	6°18	15° 0	20°57	14°44	12°55	5°27	9°53	18°21	19°33	24° 6	n.a.	T 24
W25	17 34 17	22°31'11	17°27	15°32	7°20	15°40	21°10	14°41	12°59	5°26	9°54	18°18	19°30	24°12	n.a.	W25
T 26	17 38 13	23°28'32	2♐30	15°43	8°22	16°19	21°23	14°38	13° 2	5°26	9°55	18°14	19°27	24°19	n.a.	T 26
F 27	17 42 10	24°25'54	17°35	15°49	9°24	16°59	21°37	14°35	13° 6	5°25	9°55	18°12	19°23	24°26	n.a.	F 27
S 28	17 46 7	25°23'18	2♑33	15°R50	10°27	17°38	21°50	14°32	13° 9	5°24	9°56	18°10	19°20	24°32	n.a.	S 28
S 29	17 50 3	26°20'42	17°16	15°46	11°30	18°18	22° 3	14°29	13°13	5°23	9°57	18°D 9	19°17	24°39	n.a.	S 29
M30	17 54 0	27♊18'08	1♒36	15♋36	12♉33	18♉57	22♊16	14♏27	13♊17	5♏22	9♍58	18♑10	19♑14	24♉46	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n23	24s25	0s54	25n16	1n39	3n 8	2s53	11n10	0s21	23n14	0n11	15s10	1n51	22n41	0n10	11s57	1n52	24n 1	17n23	22s25	22s11	22n41		n.a.
M 2	20 36	21 24	0n22	25 15	1 34	3 26	2 55	11 25	0 21	23 16	0 11	15 9	1 51	22 41	0 10	11 56	1 52	24 0	17 22	22 25	22 11	22 43		n.a.
T 3	20 47	17 15	1 35	25 12	1 27	3 45	2 57	11 40	0 20	23 17	0 11	15 8	1 50	22 42	0 10	11 56	1 52	24 0	17 22	22 25	22 12	22 44		n.a.
W 4	20 59	12 21	2 41	25 8	1 21	4 3	2 59	11 55	0 19	23 19	0 12	15 7	1 50	22 43	0 10	11 56	1 52	23 59	17 21	22 25	22 12	22 45		n.a.
T 5	21 10	7 3	3 36	25 2	1 14	4 22	3 0	12 10	0 19	23 20	0 12	15 6	1 50	22 43	0 10	11 55	1 52	23 58	17 20	22 25	22 13	22 47		n.a.
F 6	21 21	1 37	4 19	24 55	1 6	4 42	3 2	12 25	0 18	23 22	0 12	15 4	1 50	22 44	0 10	11 55	1 52	23 58	17 20	22 25	22 13	22 48		n.a.
S 7	21 32	3n46	4 49	24 47	0 58	5 2	3 3	12 39	0 17	23 23	0 12	15 3	1 50	22 44	0 10	11 54	1 52	23 57	17 19	22 26	22 14	22 50		n.a.
S 8	21 42	8 55	5 6	24 37	0 50	5 21	3 4	12 54	0 17	23 24	0 12	15 2	1 50	22 45	0 10	11 54	1 52	23 56	17 19	22 26	22 14	22 51		n.a.
M 9	21 52	13 40	5 8	24 26	0 41	5 42	3 5	13 8	0 16	23 26	0 12	15 1	1 50	22 45	0 10	11 53	1 52	23 56	17 18	22 27	22 15	22 52		n.a.
T 10	22 1	17 52	4 58	24 15	0 31	6 2	3 6	13 23	0 16	23 27	0 12	15 0	1 49	22 46	0 10	11 53	1 52	23 55	17 18	22 28	22 15	22 54		n.a.
W11	22 10	21 20	4 34	24 2	0 21	6 22	3 6	13 37	0 15	23 28	0 12	14 59	1 49	22 46	0 10	11 53	1 52	23 55	17 17	22 29	22 16	22 55		n.a.
T 12	22 19	23 56	3 59	23 49	0 11	6 43	3 7	13 51	0 14	23 30	0 12	14 58	1 49	22 47	0 10	11 52	1 52	23 54	17 16	22 30	22 16	22 56		n.a.
F 13	22 27	25 29	3 13	23 35	0 0	7 4	3 7	14 5	0 14	23 31	0 12	14 57	1 49	22 47	0 10	11 52	1 52	23 53	17 16	22 31	22 17	22 58		n.a.
S 14	22 35	25 53	2 19	23 20	0s11	7 25	3 7	14 18	0 13	23 32	0 13	14 57	1 49	22 48	0 10	11 51	1 52	23 52	17 15	22 31	22 17	22 59		n.a.
S 15	22 43	25 3	1 18	23 5	0 22	7 46	3 7	14 32	0 12	23 33	0 13	14 56	1 49	22 48	0 10	11 51	1 51	23 52	17 15	22 32	22 18	23 0		n.a.
M16	22 50	23 2	0 13	22 49	0 34	8 7	3 7	14 46	0 12	23 35	0 13	14 55	1 49	22 49	0 10	11 51	1 51	23 51	17 14	22 32	22 18	23 1		n.a.
T 17	22 56	19 56	0s54	22 33	0 46	8 28	3 7	14 59	0 11	23 36	0 13	14 54	1 48	22 49	0 10	11 50	1 51	23 50	17 14	22 32	22 19	23 3		n.a.
W18	23 3	15 53	2 0	22 16	0 59	8 50	3 7	15 12	0 10	23 37	0 13	14 53	1 48	22 49	0 10	11 50	1 51	23 49	17 13	22 32	22 19	23 4		n.a.
T 19	23 9	11 3	3 1	22 0	1 11	9 11	3 6	15 26	0 10	23 38	0 13	14 52	1 48	22 50	0 10	11 50	1 51	23 49	17 12	22 32	22 20	23 5		n.a.
F 20	23 14	5 37	3 54	21 43	1 24	9 33	3 5	15 39	0 9	23 39	0 13	14 51	1 48	22 50	0 10	11 49	1 51	23 48	17 12	22 31	22 20	23 7		n.a.
S 21	23 19	0s12	4 36	21 27	1 37	9 54	3 5	15 52	0 8	23 40	0 13	14 50	1 48	22 51	0 10	11 49	1 51	23 47	17 11	22 31	22 20	23 8		n.a.
S 22	23 24	6 10	5 3	21 11	1 51	10 16	3 4	16 4	0 8	23 41	0 13	14 50	1 48	22 51	0 10	11 49	1 51	23 46	17 11	22 31	22 21	23 9		n.a.
M23	23 28	11 59	5 14	20 55	2 4	10 37	3 3	16 17	0 7	23 42	0 13	14 49	1 47	22 52	0 10	11 49	1 51	23 45	17 10	22 32	22 21	23 10		n.a.
T 24	23 32	17 18	5 4	20 39	2 17	10 59	3 2	16 29	0 6	23 43	0 14	14 48	1 47	22 52	0 10	11 48	1 51	23 45	17 10	22 32	22 22	23 11		n.a.
W25	23 36	21 41	4 34	20 24	2 31	11 20	3 0	16 42	0 6	23 44	0 14	14 47	1 47	22 53	0 10	11 48	1 51	23 44	17 9	22 33	22 22	23 13		n.a.
T 26	23 39	24 40	3 45	20 10	2 44	11 41	2 59	16 54	0 5	23 45	0 14	14 47	1 47	22 53	0 10	11 48	1 51	23 43	17 9	22 33	22 23	23 14		n.a.
F 27	23 42	25 53	2 40	19 56	2 57	12 3	2 58	17 6	0 4	23 46	0 14	14 46	1 47	22 54	0 10	11 47	1 51	23 42	17 8	22 33	22 23	23 15		n.a.
S 28	23 44	25 12	1 25	19 43	3 10	12 24	2 56	17 18	0 4	23 47	0 14	14 45	1 46	22 54	0 10	11 47	1 51	23 41	17 7	22 34	22 24	23 16		n.a.
S 29	23 46	22 46	0 5	19 31	3 22	12 45	2 54	17 30	0 3	23 48	0 14	14 45	1 46	22 55	0 10	11 47	1 51	23 40	17 7	22 34	22 24	23 18		n.a.
M30	23n47	18s55	1n14	19n20	3s34	13n 6	2s53	17n42	0s 2	23n49	0n14	14s44	1n46	22n55	0n10	11s47	1n51	23n39	17n 6	22s34	22s25	23n19		n.a.

Julian Day Number = 1360707.5, Delta T = 06h59m12s
Ecliptic obliquity = 23°48'50, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°42'36, Lahiri = -17°35'35 Julian Calendar 1 June 988 BCE == Greg. Calendar 23 May 988 BCE

The year -987 astronomical counting style corresponds to year 988 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 988 BCE
geocentric

JULY 988 BCE (-987) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 57 56	28♊15'35	15♒32	15°R21	13♉36	19♉36	22♊30	14°R24	13♊20	5°R21	9♍59	18♑11	19♑11	24♉52	n.a.	T 1
W 2	18 1 53	29°13'04	29° 1	15♋ 1	14°39	20°15	22°43	14♏22	13°24	5♏20	10° 1	18°12	19° 7	24°59	n.a.	W 2
T 3	18 5 49	0♋10'34	12♓ 4	14°35	15°43	20°54	22°56	14°19	13°27	5°20	10° 2	18°13	19° 4	25° 6	n.a.	T 3
F 4	18 9 46	1° 8'06	24°45	14° 5	16°47	21°33	23° 9	14°17	13°31	5°19	10° 3	18°14	19° 1	25°13	n.a.	F 4
S 5	18 13 43	2° 5'39	7♈ 8	13°30	17°52	22°12	23°23	14°15	13°34	5°18	10° 4	18°R14	18°58	25°19	n.a.	S 5
S 6	18 17 39	3° 3'14	19°16	12°51	18°56	22°51	23°36	14°13	13°38	5°17	10° 5	18°13	18°55	25°26	n.a.	S 6
M 7	18 21 36	4° 0'50	1♉15	12° 8	20° 1	23°30	23°49	14°10	13°41	5°17	10° 6	18°12	18°52	25°33	n.a.	M 7
T 8	18 25 32	4°58'29	13° 7	11°22	21° 6	24° 9	24° 2	14° 8	13°45	5°16	10° 8	18°10	18°48	25°39	n.a.	T 8
W 9	18 29 29	5°56'08	24°57	10°33	22°11	24°48	24°15	14° 7	13°48	5°16	10° 9	18° 9	18°45	25°46	n.a.	W 9
T 10	18 33 25	6°53'50	6♊49	9°43	23°16	25°26	24°29	14° 5	13°52	5°15	10°10	18° 7	18°42	25°53	n.a.	T 10
F 11	18 37 22	7°51'33	18°45	8°52	24°22	26° 5	24°42	14° 3	13°55	5°14	10°12	18° 6	18°39	25°59	n.a.	F 11
S 12	18 41 18	8°49'18	0♋48	8° 2	25°28	26°44	24°55	14° 1	13°59	5°14	10°13	18° 5	18°36	26° 6	n.a.	S 12
S 13	18 45 15	9°47'04	12°58	7°12	26°34	27°22	25° 8	14° 0	14° 2	5°13	10°14	18°D 4	18°33	26°13	n.a.	S 13
M14	18 49 12	10°44'52	25°19	6°25	27°40	28° 1	25°21	13°58	14° 5	5°13	10°16	18° 4	18°29	26°19	n.a.	M14
T 15	18 53 8	11°42'41	7♌52	5°42	28°47	28°39	25°34	13°57	14° 9	5°13	10°17	18° 5	18°26	26°26	n.a.	T 15
W16	18 57 5	12°40'32	20°37	5° 2	29°53	29°17	25°47	13°56	14°12	5°12	10°19	18° 5	18°23	26°33	n.a.	W16
T 17	19 1 1	13°38'24	3♍36	4°28	1♊ 0	29°56	26° 0	13°55	14°15	5°12	10°20	18° 6	18°20	26°40	n.a.	T 17
F 18	19 4 58	14°36'18	16°50	4° 0	2° 7	0♊34	26°13	13°53	14°19	5°12	10°22	18° 6	18°17	26°46	n.a.	F 18
S 19	19 8 54	15°34'13	0♎20	3°38	3°14	1°12	26°26	13°52	14°22	5°11	10°23	18° 6	18°13	26°53	n.a.	S 19
S 20	19 12 51	16°32'09	14° 7	3°23	4°21	1°50	26°39	13°52	14°25	5°11	10°25	18°R 6	18°10	27° 0	n.a.	S 20
M21	19 16 47	17°30'07	28°10	3°D16	5°28	2°28	26°51	13°51	14°29	5°11	10°27	18° 6	18° 7	27° 6	n.a.	M21
T 22	19 20 44	18°28'06	12♏29	3°16	6°36	3° 6	27° 4	13°50	14°32	5°11	10°28	18°D 6	18° 4	27°13	n.a.	T 22
W23	19 24 41	19°26'07	27° 0	3°25	7°44	3°44	27°17	13°49	14°35	5°10	10°30	18° 6	18° 1	27°20	n.a.	W23
T 24	19 28 37	20°24'10	11♐40	3°42	8°52	4°22	27°30	13°49	14°38	5°10	10°32	18° 7	17°58	27°26	n.a.	T 24
F 25	19 32 34	21°22'14	26°22	4° 8	10° 0	4°59	27°43	13°48	14°41	5°10	10°33	18° 7	17°54	27°33	n.a.	F 25
S 26	19 36 30	22°20'20	11♑ 0	4°41	11° 8	5°37	27°55	13°48	14°44	5°10	10°35	18°R 7	17°51	27°40	n.a.	S 26
S 27	19 40 27	23°18'27	25°29	5°22	12°16	6°15	28° 8	13°48	14°47	5°10	10°37	18° 7	17°48	27°47	n.a.	S 27
M28	19 44 23	24°16'36	9♒41	6°12	13°25	6°52	28°20	13°48	14°50	5°D10	10°39	18° 7	17°45	27°53	n.a.	M28
T 29	19 48 20	25°14'48	23°34	7° 8	14°34	7°30	28°33	13°D48	14°53	5°10	10°41	18° 6	17°42	28° 0	n.a.	T 29
W30	19 52 16	26°13'01	7♓ 3	8°12	15°42	8° 7	28°45	13°48	14°56	5°10	10°42	18° 5	17°39	28° 7	n.a.	W30
T 31	19 56 13	27♋11'16	20♓10	9♋22	16♊51	8♊44	28♊58	13♏48	14♊59	5♏10	10♍44	18♑ 4	17♑35	28♉13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n48	14s 7	2n25	19n11	3s45	13n27	2s51	17n53	0s 1	23n50	0n14	14s44	1n46	22n56	0n10	11s46	1n51	23n38	17n 6	22s33	22s25	23n20			n.a.
W 2	23 49	8 47	3 27	19 3	3 56	13 48	2 49	18 4	0 1	23 51	0 14	14 43	1 46	22 56	0 10	11 46	1 51	23 38	17 5	22 33	22 26	23 21			n.a.
T 3	23 49	3 13	4 15	18 56	4 6	14 9	2 47	18 16	0 0	23 52	0 14	14 43	1 45	22 57	0 10	11 46	1 51	23 37	17 5	22 33	22 26	23 22			n.a.
F 4	23 49	2n19	4 50	18 50	4 14	14 29	2 45	18 27	0n 1	23 53	0 15	14 42	1 45	22 57	0 10	11 46	1 50	23 36	17 4	22 33	22 26	23 24			n.a.
S 5	23 48	7 36	5 10	18 47	4 22	14 49	2 42	18 38	0 1	23 53	0 15	14 42	1 45	22 58	0 10	11 46	1 50	23 35	17 4	22 33	22 27	23 25			n.a.
S 6	23 47	12 31	5 16	18 44	4 28	15 10	2 40	18 48	0 2	23 54	0 15	14 41	1 45	22 58	0 10	11 45	1 50	23 34	17 3	22 33	22 27	23 26			n.a.
M 7	23 45	16 53	5 8	18 44	4 33	15 29	2 38	18 59	0 3	23 55	0 15	14 41	1 45	22 58	0 10	11 45	1 50	23 33	17 3	22 33	22 28	23 27			n.a.
T 8	23 43	20 34	4 47	18 45	4 36	15 49	2 35	19 10	0 3	23 56	0 15	14 40	1 44	22 59	0 10	11 45	1 50	23 32	17 2	22 33	22 28	23 28			n.a.
W 9	23 41	23 24	4 13	18 47	4 37	16 9	2 33	19 20	0 4	23 56	0 15	14 40	1 44	22 59	0 10	11 45	1 50	23 31	17 2	22 34	22 29	23 29			n.a.
T 10	23 38	25 13	3 29	18 52	4 36	16 28	2 30	19 30	0 5	23 57	0 15	14 40	1 44	23 0	0 11	11 45	1 50	23 30	17 1	22 34	22 29	23 30			n.a.
F 11	23 35	25 55	2 35	18 58	4 34	16 47	2 27	19 40	0 6	23 58	0 15	14 39	1 44	23 0	0 11	11 45	1 50	23 29	17 1	22 34	22 30	23 32			n.a.
S 12	23 31	25 23	1 34	19 5	4 29	17 5	2 25	19 50	0 6	23 58	0 15	14 39	1 44	23 1	0 11	11 45	1 50	23 28	17 0	22 34	22 30	23 33			n.a.
S 13	23 27	23 38	0 28	19 14	4 23	17 24	2 22	20 0	0 7	23 59	0 16	14 39	1 43	23 1	0 11	11 45	1 50	23 27	17 0	22 34	22 30	23 34			n.a.
M14	23 22	20 45	0s40	19 24	4 15	17 42	2 19	20 9	0 8	24 0	0 16	14 38	1 43	23 1	0 11	11 44	1 50	23 26	16 59	22 34	22 31	23 35			n.a.
T 15	23 17	16 51	1 48	19 36	4 6	17 59	2 16	20 19	0 9	24 0	0 16	14 38	1 43	23 2	0 11	11 44	1 50	23 25	16 59	22 34	22 31	23 36			n.a.
W16	23 12	12 9	2 51	19 49	3 54	18 17	2 13	20 28	0 9	24 1	0 16	14 38	1 43	23 2	0 11	11 44	1 50	23 24	16 58	22 34	22 32	23 37			n.a.
T 17	23 6	6 50	3 47	20 3	3 42	18 34	2 10	20 37	0 10	24 1	0 16	14 38	1 42	23 3	0 11	11 44	1 50	23 23	16 58	22 34	22 32	23 38			n.a.
F 18	23 0	1 7	4 31	20 18	3 28	18 50	2 7	20 46	0 11	24 2	0 16	14 38	1 42	23 3	0 11	11 44	1 50	23 22	16 57	22 34	22 33	23 39			n.a.
S 19	22 53	4s44	5 2	20 33	3 13	19 6	2 4	20 55	0 12	24 2	0 16	14 38	1 42	23 3	0 11	11 44	1 50	23 21	16 57	22 34	22 33	23 40			n.a.
S 20	22 46	10 30	5 17	20 50	2 57	19 22	2 1	21 3	0 12	24 3	0 16	14 38	1 42	23 4	0 11	11 44	1 49	23 20	16 56	22 34	22 34	23 41			n.a.
M21	22 39	15 50	5 12	21 6	2 40	19 38	1 57	21 12	0 13	24 3	0 17	14 38	1 42	23 4	0 11	11 44	1 49	23 19	16 56	22 34	22 34	23 42			n.a.
T 22	22 31	20 24	4 49	21 23	2 23	19 53	1 54	21 20	0 14	24 3	0 17	14 38	1 41	23 5	0 11	11 44	1 49	23 18	16 56	22 34	22 34	23 44			n.a.
W23	22 23	23 48	4 7	21 40	2 6	20 7	1 51	21 28	0 15	24 4	0 17	14 38	1 41	23 5	0 11	11 44	1 49	23 17	16 55	22 34	22 35	23 45			n.a.
T 24	22 14	25 39	3 9	21 57	1 48	20 21	1 47	21 36	0 15	24 4	0 17	14 38	1 41	23 5	0 11	11 44	1 49	23 16	16 55	22 34	22 35	23 46			n.a.
F 25	22 5	25 44	1 58	22 14	1 31	20 35	1 44	21 44	0 16	24 5	0 17	14 38	1 41	23 6	0 11	11 44	1 49	23 15	16 54	22 34	22 36	23 47			n.a.
S 26	21 56	24 0	0 39	22 30	1 14	20 48	1 41	21 51	0 17	24 5	0 17	14 38	1 40	23 6	0 11	11 44	1 49	23 13	16 54	22 34	22 36	23 48			n.a.
S 27	21 46	20 43	0n41	22 45	0 57	21 1	1 37	21 59	0 18	24 5	0 17	14 38	1 40	23 7	0 11	11 44	1 49	23 12	16 53	22 34	22 37	23 49			n.a.
M28	21 36	16 14	1 57	23 0	0 40	21 13	1 34	22 6	0 18	24 6	0 17	14 38	1 40	23 7	0 11	11 44	1 49	23 11	16 53	22 34	22 37	23 50			n.a.
T 29	21 25	10 59	3 4	23 13	0 25	21 25	1 30	22 13	0 19	24 6	0 17	14 38	1 40	23 7	0 11	11 44	1 49	23 10	16 53	22 34	22 37	23 51			n.a.
W30	21 14	5 22	3 59	23 24	0 9	21 36	1 27	22 20	0 20	24 6	0 18	14 39	1 40	23 8	0 11	11 44	1 49	23 9	16 52	22 34	22 38	23 52			n.a.
T 31	21n 3	0n20	4n40	23n34	0n 5	21n46	1s23	22n27	0n21	24n 6	0n18	14s39	1n39	23n 8	0n11	11s45	1n49	23n 8	16n52	22s34	22s38	23n53			n.a.

Julian Day Number = 1360737.5, Delta T = 06h59m11s
Ecliptic obliquity = 23°48'49, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°42'31, Lahiri = -17°35'31 Julian Calendar 1 July 988 BCE == Greg. Calendar 22 June 988 BCE

The year -987 astronomical counting style corresponds to year 988 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 988 BCE
geocentric

AUGUST 988 BCE (-987) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 0 10	28♋ 9'34	2♈55	10♋39	18♊ 0	9♊22	29♊10	13♏48	15♊ 2	5♏10	10♍46	18°R 3	17♉32	28♉20	n.a.	F 1
S 2	20 4 6	29° 7'53	15°20	12° 1	19°10	9°59	29°23	13°49	15° 5	5°11	10°48	18♉ 2	17°29	28°27	n.a.	S 2
S 3	20 8 3	0♌ 6'15	27°30	13°29	20°19	10°36	29°35	13°49	15° 8	5°11	10°50	18°D 2	17°26	28°33	n.a.	S 3
M 4	20 11 59	1° 4'39	9♉29	15° 1	21°29	11°13	29°47	13°50	15°11	5°11	10°52	18° 2	17°23	28°40	n.a.	M 4
T 5	20 15 56	2° 3'06	21°21	16°37	22°38	11°50	29°59	13°50	15°14	5°11	10°54	18° 3	17°19	28°47	n.a.	T 5
W 6	20 19 52	3° 1'35	3♊12	18°17	23°48	12°27	0♋12	13°51	15°16	5°12	10°56	18° 4	17°16	28°53	n.a.	W 6
T 7	20 23 49	4° 0'06	15° 5	20° 0	24°58	13° 4	0°24	13°52	15°19	5°12	10°58	18° 5	17°13	29° 0	n.a.	T 7
F 8	20 27 45	4°58'39	27° 5	21°45	26° 8	13°41	0°36	13°53	15°22	5°12	11° 0	18° 6	17°10	29° 7	n.a.	F 8
S 9	20 31 42	5°57'15	9♋16	23°33	27°18	14°18	0°48	13°54	15°24	5°13	11° 2	18° 7	17° 7	29°14	n.a.	S 9
S 10	20 35 38	6°55'52	21°38	25°22	28°29	14°54	1° 0	13°55	15°27	5°13	11° 4	18°R 8	17° 4	29°20	n.a.	S 10
M11	20 39 35	7°54'32	4♌16	27°12	29°39	15°31	1°12	13°56	15°30	5°13	11° 6	18° 7	17° 0	29°27	n.a.	M11
T 12	20 43 32	8°53'14	17° 8	29° 3	0♋50	16° 8	1°23	13°57	15°32	5°14	11° 8	18° 5	16°57	29°34	n.a.	T 12
W13	20 47 28	9°51'58	0♍16	0♌55	2° 0	16°44	1°35	13°59	15°35	5°15	11°10	18° 2	16°54	29°40	n.a.	W13
T 14	20 51 25	10°50'44	13°38	2°47	3°11	17°21	1°47	14° 0	15°37	5°15	11°12	17°59	16°51	29°47	n.a.	T 14
F 15	20 55 21	11°49'31	27°14	4°39	4°22	17°57	1°58	14° 2	15°39	5°16	11°15	17°56	16°48	29°54	n.a.	F 15
S 16	20 59 18	12°48'21	11♎ 0	6°31	5°33	18°33	2°10	14° 4	15°42	5°16	11°17	17°52	16°45	0♊ 0	n.a.	S 16
S 17	21 3 14	13°47'13	24°57	8°23	6°44	19° 9	2°21	14° 5	15°44	5°17	11°19	17°50	16°41	0° 7	n.a.	S 17
M18	21 7 11	14°46'06	9♏ 0	10°14	7°55	19°45	2°33	14° 7	15°46	5°18	11°21	17°D49	16°38	0°14	n.a.	M18
T 19	21 11 7	15°45'02	23°10	12° 5	9° 6	20°21	2°44	14° 9	15°49	5°18	11°23	17°49	16°35	0°20	n.a.	T 19
W20	21 15 4	16°43'59	7♐24	13°55	10°18	20°57	2°55	14°11	15°51	5°19	11°26	17°50	16°32	0°27	n.a.	W20
T 21	21 19 1	17°42'58	21°40	15°45	11°29	21°33	3° 6	14°14	15°53	5°20	11°28	17°52	16°29	0°34	n.a.	T 21
F 22	21 22 57	18°41'59	5♑55	17°34	12°41	22° 9	3°18	14°16	15°55	5°21	11°30	17°53	16°25	0°40	n.a.	F 22
S 23	21 26 54	19°41'02	20° 6	19°22	13°53	22°44	3°29	14°18	15°57	5°22	11°32	17°R53	16°22	0°47	n.a.	S 23
S 24	21 30 50	20°40'07	4♒10	21° 9	15° 4	23°20	3°40	14°21	15°59	5°22	11°35	17°52	16°19	0°54	n.a.	S 24
M25	21 34 47	21°39'14	18° 3	22°55	16°16	23°56	3°50	14°23	16° 1	5°23	11°37	17°50	16°16	1° 1	n.a.	M25
T 26	21 38 43	22°38'23	1♓42	24°40	17°28	24°31	4° 1	14°26	16° 3	5°24	11°39	17°45	16°13	1° 7	n.a.	T 26
W27	21 42 40	23°37'34	15° 3	26°25	18°40	25° 6	4°12	14°28	16° 5	5°25	11°42	17°40	16°10	1°14	n.a.	W27
T 28	21 46 36	24°36'48	28° 5	28° 9	19°52	25°42	4°22	14°31	16° 7	5°26	11°44	17°33	16° 6	1°21	n.a.	T 28
F 29	21 50 33	25°36'04	10♈48	29°52	21° 5	26°17	4°33	14°34	16° 9	5°27	11°46	17°27	16° 3	1°27	n.a.	F 29
S 30	21 54 29	26°35'22	23°14	1♍34	22°17	26°52	4°43	14°37	16°11	5°28	11°49	17°22	16° 0	1°34	n.a.	S 30
S 31	21 58 26	27♌34'43	5♉24	3♍15	23♋30	27♊27	4♋54	14♏40	16♊12	5♏29	11♍51	17♉17	15♉57	1♊41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n51	5n50	5n 6	23n41	0n19	21n57	1s20	22n33	0n21	24n 7	0n18	14s39	1n39	23n 8	0n11	11s45	1n49	23n 7	16n51	22s35	22s39	23n54		n.a.
S 2	20 39	10 58	5 16	23 47	0 31	22 6	1 16	22 40	0 22	24 7	0 18	14 40	1 39	23 9	0 11	11 45	1 49	23 6	16 51	22 35	22 39	23 55		n.a.
S 3	20 27	15 35	5 12	23 50	0 43	22 15	1 12	22 46	0 23	24 7	0 18	14 40	1 39	23 9	0 11	11 45	1 49	23 5	16 51	22 35	22 39	23 56		n.a.
M 4	20 14	19 31	4 55	23 51	0 54	22 23	1 9	22 52	0 24	24 7	0 18	14 40	1 38	23 9	0 11	11 45	1 48	23 4	16 50	22 35	22 40	23 57		n.a.
T 5	20 1	22 38	4 25	23 49	1 3	22 31	1 5	22 58	0 25	24 7	0 18	14 41	1 38	23 10	0 11	11 45	1 48	23 3	16 50	22 35	22 40	23 58		n.a.
W 6	19 47	24 47	3 44	23 44	1 12	22 38	1 2	23 4	0 25	24 7	0 18	14 41	1 38	23 10	0 11	11 45	1 48	23 1	16 50	22 34	22 41	23 59		n.a.
T 7	19 33	25 49	2 53	23 37	1 20	22 45	0 58	23 9	0 26	24 7	0 19	14 42	1 38	23 10	0 11	11 46	1 48	23 0	16 49	22 34	22 41	24 0		n.a.
F 8	19 19	25 40	1 54	23 27	1 27	22 51	0 54	23 15	0 27	24 7	0 19	14 42	1 38	23 11	0 11	11 46	1 48	22 59	16 49	22 34	22 42	24 0		n.a.
S 9	19 5	24 18	0 49	23 15	1 33	22 56	0 51	23 20	0 28	24 8	0 19	14 43	1 37	23 11	0 11	11 46	1 48	22 58	16 49	22 34	22 42	24 1		n.a.
S 10	18 50	21 43	0s19	23 0	1 38	23 1	0 47	23 25	0 29	24 8	0 19	14 43	1 37	23 11	0 11	11 46	1 48	22 57	16 48	22 34	22 42	24 2		n.a.
M11	18 35	18 4	1 28	22 42	1 42	23 5	0 44	23 30	0 29	24 8	0 19	14 44	1 37	23 12	0 11	11 46	1 48	22 56	16 48	22 34	22 43	24 3		n.a.
T 12	18 19	13 31	2 33	22 23	1 45	23 9	0 40	23 35	0 30	24 8	0 19	14 44	1 37	23 12	0 11	11 47	1 48	22 55	16 48	22 34	22 43	24 4		n.a.
W13	18 3	8 15	3 32	22 1	1 47	23 11	0 36	23 39	0 31	24 8	0 19	14 45	1 36	23 12	0 11	11 47	1 48	22 54	16 48	22 35	22 44	24 5		n.a.
T 14	17 47	2 33	4 20	21 36	1 49	23 14	0 33	23 44	0 32	24 8	0 20	14 46	1 36	23 12	0 11	11 47	1 48	22 53	16 47	22 35	22 44	24 6		n.a.
F 15	17 31	3s22	4 54	21 10	1 50	23 15	0 29	23 48	0 33	24 8	0 20	14 46	1 36	23 13	0 11	11 47	1 48	22 52	16 47	22 36	22 44	24 7		n.a.
S 16	17 14	9 11	5 12	20 42	1 50	23 16	0 26	23 52	0 34	24 8	0 20	14 47	1 36	23 13	0 11	11 48	1 48	22 50	16 47	22 36	22 45	24 8		n.a.
S 17	16 57	14 37	5 11	20 13	1 50	23 16	0 22	23 56	0 34	24 8	0 20	14 48	1 36	23 13	0 11	11 48	1 48	22 49	16 46	22 36	22 45	24 9		n.a.
M18	16 39	19 20	4 53	19 41	1 49	23 16	0 19	24 0	0 35	24 7	0 20	14 49	1 35	23 13	0 11	11 48	1 48	22 48	16 46	22 36	22 46	24 10		n.a.
T 19	16 22	22 59	4 16	19 9	1 47	23 14	0 15	24 3	0 36	24 7	0 20	14 49	1 35	23 14	0 11	11 48	1 48	22 47	16 46	22 36	22 46	24 10		n.a.
W20	16 4	25 14	3 24	18 35	1 45	23 13	0 12	24 7	0 37	24 7	0 20	14 50	1 35	23 14	0 11	11 49	1 47	22 46	16 46	22 36	22 46	24 11		n.a.
T 21	15 46	25 51	2 19	17 59	1 42	23 10	0 8	24 10	0 38	24 7	0 21	14 51	1 35	23 14	0 11	11 49	1 47	22 45	16 46	22 36	22 47	24 12		n.a.
F 22	15 27	24 46	1 5	17 23	1 39	23 7	0 5	24 13	0 39	24 7	0 21	14 52	1 34	23 15	0 11	11 49	1 47	22 44	16 45	22 36	22 47	24 13		n.a.
S 23	15 9	22 5	0n12	16 46	1 36	23 3	0 2	24 16	0 40	24 7	0 21	14 53	1 34	23 15	0 11	11 50	1 47	22 43	16 45	22 36	22 48	24 14		n.a.
S 24	14 50	18 6	1 28	16 7	1 32	22 59	0n 2	24 19	0 40	24 7	0 21	14 54	1 34	23 15	0 11	11 50	1 47	22 42	16 45	22 36	22 48	24 15		n.a.
M25	14 30	13 10	2 37	15 28	1 28	22 53	0 5	24 22	0 41	24 7	0 21	14 55	1 34	23 15	0 11	11 51	1 47	22 41	16 45	22 36	22 48	24 15		n.a.
T 26	14 11	7 41	3 36	14 49	1 24	22 47	0 8	24 24	0 42	24 6	0 21	14 56	1 34	23 15	0 11	11 51	1 47	22 40	16 45	22 37	22 49	24 16		n.a.
W27	13 51	1 58	4 22	14 8	1 19	22 41	0 11	24 26	0 43	24 6	0 21	14 57	1 33	23 16	0 11	11 51	1 47	22 38	16 44	22 38	22 49	24 17		n.a.
T 28	13 31	3n41	4 53	13 27	1 14	22 33	0 15	24 29	0 44	24 6	0 22	14 58	1 33	23 16	0 11	11 52	1 47	22 37	16 44	22 38	22 49	24 18		n.a.
F 29	13 11	9 3	5 8	12 46	1 9	22 26	0 18	24 31	0 45	24 6	0 22	14 59	1 33	23 16	0 11	11 52	1 47	22 36	16 44	22 39	22 50	24 19		n.a.
S 30	12 51	13 55	5 9	12 4	1 3	22 17	0 21	24 32	0 46	24 6	0 22	15 0	1 33	23 16	0 11	11 52	1 47	22 35	16 44	22 40	22 50	24 20		n.a.
S 31	12n30	18n 9	4n55	11n22	0n57	22n 8	0n24	24n34	0n47	24n 5	0n22	15s 1	1n33	23n16	0n11	11s53	1n47	22n34	16n44	22s41	22s51	24n20		n.a.

Julian Day Number = 1360768.5, Delta T = 06h59m09s
Ecliptic obliquity = 23°48'50, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°42'27, Lahiri = -17°35'27 Julian Calendar 1 Aug. 988 BCE == Greg. Calendar 23 July 988 BCE

The year -987 astronomical counting style corresponds to year 988 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 988 BCE
geocentric

SEPTEMBER 988 BCE (-987) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 2 23	28♌34'06	17♉23	4♍56	24♋42	28♊ 2	5♋ 4	14♏43	16♊14	5♏30	11♍53	17°R15	15♑54	1♊47	n.a.	M 1
T 2	22 6 19	29°33'31	29°15	6°35	25°55	28°37	5°14	14°47	16°16	5°32	11°56	17°D14	15°50	1°54	n.a.	T 2
W 3	22 10 16	0♍32'59	11♊ 5	8°14	27° 8	29°12	5°24	14°50	16°17	5°33	11°58	17♑15	15°47	2° 1	n.a.	W 3
T 4	22 14 12	1°32'30	22°59	9°53	28°20	29°46	5°34	14°53	16°19	5°34	12° 0	17°16	15°44	2° 7	n.a.	T 4
F 5	22 18 9	2°32'03	5♋ 1	11°30	29°33	0♋21	5°44	14°57	16°20	5°35	12° 3	17°17	15°41	2°14	n.a.	F 5
S 6	22 22 5	3°31'38	17°15	13° 7	0♌46	0°55	5°54	15° 0	16°21	5°37	12° 5	17°R18	15°38	2°21	n.a.	S 6
S 7	22 26 2	4°31'16	29°47	14°43	1°59	1°30	6° 3	15° 4	16°23	5°38	12° 8	17°17	15°35	2°27	n.a.	S 7
M 8	22 29 58	5°30'56	12♌38	16°18	3°13	2° 4	6°13	15° 8	16°24	5°39	12°10	17°14	15°31	2°34	n.a.	M 8
T 9	22 33 55	6°30'38	25°49	17°53	4°26	2°38	6°22	15°12	16°25	5°40	12°12	17° 9	15°28	2°41	n.a.	T 9
W10	22 37 52	7°30'22	9♍21	19°27	5°39	3°12	6°31	15°16	16°27	5°42	12°15	17° 2	15°25	2°47	n.a.	W10
T 11	22 41 48	8°30'09	23°10	21° 0	6°52	3°46	6°41	15°20	16°28	5°43	12°17	16°54	15°22	2°54	n.a.	T 11
F 12	22 45 45	9°29'57	7♎14	22°33	8° 6	4°20	6°50	15°24	16°29	5°45	12°20	16°45	15°19	3° 1	n.a.	F 12
S 13	22 49 41	10°29'48	21°26	24° 5	9°19	4°54	6°59	15°28	16°30	5°46	12°22	16°36	15°16	3° 7	n.a.	S 13
S 14	22 53 38	11°29'40	5♏43	25°36	10°33	5°27	7° 8	15°32	16°31	5°48	12°24	16°30	15°12	3°14	n.a.	S 14
M15	22 57 34	12°29'34	19°59	27° 7	11°47	6° 1	7°16	15°36	16°32	5°49	12°27	16°25	15° 9	3°21	n.a.	M15
T 16	23 1 31	13°29'30	4♐13	28°37	13° 0	6°34	7°25	15°41	16°33	5°51	12°29	16°23	15° 6	3°28	n.a.	T 16
W17	23 5 27	14°29'28	18°20	0♎ 7	14°14	7° 8	7°33	15°45	16°34	5°52	12°32	16°D23	15° 3	3°34	n.a.	W17
T 18	23 9 24	15°29'28	2♑21	1°36	15°28	7°41	7°42	15°50	16°34	5°54	12°34	16°23	15° 0	3°41	n.a.	T 18
F 19	23 13 20	16°29'29	16°14	3° 4	16°42	8°14	7°50	15°54	16°35	5°55	12°36	16°R24	14°56	3°48	n.a.	F 19
S 20	23 17 17	17°29'32	29°59	4°32	17°56	8°47	7°58	15°59	16°36	5°57	12°39	16°23	14°53	3°54	n.a.	S 20
S 21	23 21 14	18°29'37	13♒37	5°59	19°10	9°20	8° 6	16° 4	16°36	5°59	12°41	16°20	14°50	4° 1	n.a.	S 21
M22	23 25 10	19°29'43	27° 5	7°26	20°24	9°53	8°14	16° 8	16°37	6° 0	12°44	16°14	14°47	4° 8	n.a.	M22
T 23	23 29 7	20°29'52	10♓22	8°51	21°38	10°25	8°22	16°13	16°38	6° 2	12°46	16° 6	14°44	4°14	n.a.	T 23
W24	23 33 3	21°30'02	23°25	10°16	22°52	10°58	8°29	16°18	16°38	6° 4	12°48	15°55	14°41	4°21	n.a.	W24
T 25	23 37 0	22°30'14	6♈15	11°40	24° 6	11°30	8°37	16°23	16°38	6° 6	12°51	15°43	14°37	4°28	n.a.	T 25
F 26	23 40 56	23°30'28	18°50	13° 4	25°21	12° 2	8°44	16°28	16°39	6° 7	12°53	15°30	14°34	4°34	n.a.	F 26
S 27	23 44 53	24°30'45	1♉11	14°26	26°35	12°34	8°51	16°33	16°39	6° 9	12°56	15°19	14°31	4°41	n.a.	S 27
S 28	23 48 49	25°31'03	13°18	15°48	27°49	13° 6	8°58	16°39	16°39	6°11	12°58	15°10	14°28	4°48	n.a.	S 28
M29	23 52 46	26°31'23	25°16	17° 8	29° 4	13°38	9° 5	16°44	16°40	6°13	13° 0	15° 2	14°25	4°54	n.a.	M29
T 30	23 56 43	27♍31'46	7♊ 6	18♎28	0♍18	14♋10	9♋12	16♏49	16♊40	6♏15	13♍ 3	14♑58	14♑22	5♊ 1	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	12n 9	21n34	4n29	10n39	0n51	21n58	0n27	24n36	0n48	24n 5	0n22	15s 2	1n32	23n17	0n11	11s53	1n47	22n33	16n44	22s41	22s51	24n21		n.a.	M 1
T 2	11 48	24 3	3 51	9 56	0 45	21 47	0 30	24 37	0 49	24 5	0 22	15 3	1 32	23 17	0 11	11 54	1 47	22 32	16 44	22 41	22 51	24 22		n.a.	T 2
W 3	11 27	25 29	3 3	9 13	0 39	21 36	0 33	24 38	0 49	24 5	0 23	15 5	1 32	23 17	0 11	11 54	1 47	22 31	16 43	22 41	22 52	24 23		n.a.	W 3
T 4	11 6	25 45	2 8	8 30	0 33	21 24	0 36	24 39	0 50	24 4	0 23	15 6	1 32	23 17	0 11	11 55	1 47	22 30	16 43	22 41	22 52	24 23		n.a.	T 4
F 5	10 44	24 49	1 6	7 46	0 27	21 11	0 39	24 40	0 51	24 4	0 23	15 7	1 31	23 17	0 11	11 55	1 46	22 29	16 43	22 41	22 53	24 24		n.a.	F 5
S 6	10 22	22 41	0 0	7 3	0 20	20 58	0 41	24 41	0 52	24 4	0 23	15 8	1 31	23 18	0 11	11 56	1 46	22 28	16 43	22 40	22 53	24 25		n.a.	S 6
S 7	10 0	19 26	1s 7	6 19	0 13	20 44	0 44	24 42	0 53	24 4	0 23	15 10	1 31	23 18	0 12	11 56	1 46	22 27	16 43	22 41	22 53	24 26		n.a.	S 7
M 8	9 38	15 10	2 12	5 35	0 7	20 30	0 47	24 42	0 54	24 3	0 23	15 11	1 31	23 18	0 12	11 57	1 46	22 26	16 43	22 41	22 54	24 26		n.a.	M 8
T 9	9 16	10 6	3 12	4 52	0s 0	20 15	0 49	24 42	0 55	24 3	0 23	15 12	1 31	23 18	0 12	11 57	1 46	22 25	16 43	22 42	22 54	24 27		n.a.	T 9
W10	8 53	4 27	4 3	4 8	0 7	19 59	0 52	24 43	0 56	24 3	0 24	15 14	1 30	23 18	0 12	11 58	1 46	22 24	16 43	22 43	22 54	24 28		n.a.	W10
T 11	8 31	1s32	4 40	3 25	0 14	19 43	0 54	24 43	0 57	24 2	0 24	15 15	1 30	23 18	0 12	11 58	1 46	22 23	16 43	22 44	22 55	24 28		n.a.	T 11
F 12	8 8	7 31	5 2	2 41	0 21	19 26	0 57	24 42	0 58	24 2	0 24	15 16	1 30	23 18	0 12	11 59	1 46	22 22	16 43	22 45	22 55	24 29		n.a.	F 12
S 13	7 45	13 11	5 5	1 58	0 27	19 9	0 59	24 42	0 59	24 2	0 24	15 18	1 30	23 19	0 12	11 59	1 46	22 21	16 43	22 46	22 56	24 30		n.a.	S 13
S 14	7 22	18 10	4 49	1 15	0 34	18 51	1 1	24 42	1 0	24 1	0 24	15 19	1 30	23 19	0 12	12 0	1 46	22 20	16 43	22 47	22 56	24 31		n.a.	S 14
M15	6 59	22 6	4 15	0 32	0 41	18 32	1 3	24 41	1 1	24 1	0 25	15 21	1 30	23 19	0 12	12 0	1 46	22 19	16 43	22 47	22 56	24 31		n.a.	M15
T 16	6 35	24 41	3 26	0s11	0 48	18 13	1 6	24 41	1 2	24 1	0 25	15 22	1 29	23 19	0 12	12 1	1 46	22 18	16 43	22 47	22 57	24 32		n.a.	T 16
W17	6 12	25 41	2 24	0 53	0 55	17 54	1 8	24 40	1 3	24 0	0 25	15 23	1 29	23 19	0 12	12 1	1 46	22 17	16 43	22 48	22 57	24 33		n.a.	W17
T 18	5 48	25 2	1 14	1 35	1 2	17 33	1 10	24 39	1 4	24 0	0 25	15 25	1 29	23 19	0 12	12 2	1 46	22 16	16 43	22 47	22 57	24 33		n.a.	T 18
F 19	5 25	22 49	0 1	2 17	1 8	17 13	1 12	24 38	1 5	24 0	0 25	15 26	1 29	23 19	0 12	12 3	1 46	22 15	16 43	22 47	22 58	24 34		n.a.	F 19
S 20	5 1	19 18	1n12	2 58	1 15	16 52	1 13	24 37	1 6	24 0	0 25	15 28	1 29	23 19	0 12	12 3	1 46	22 14	16 43	22 47	22 58	24 35		n.a.	S 20
S 21	4 37	14 46	2 20	3 39	1 21	16 30	1 15	24 36	1 7	23 59	0 26	15 30	1 28	23 19	0 12	12 4	1 46	22 13	16 43	22 48	22 58	24 35		n.a.	S 21
M22	4 13	9 34	3 19	4 20	1 28	16 8	1 17	24 34	1 8	23 59	0 26	15 31	1 28	23 19	0 12	12 4	1 46	22 13	16 43	22 49	22 59	24 36		n.a.	M22
T 23	3 49	4 1	4 6	5 0	1 34	15 45	1 19	24 33	1 9	23 59	0 26	15 33	1 28	23 20	0 12	12 5	1 45	22 12	16 43	22 50	22 59	24 37		n.a.	T 23
W24	3 25	1n37	4 40	5 40	1 40	15 22	1 20	24 31	1 10	23 58	0 26	15 34	1 28	23 20	0 12	12 6	1 45	22 11	16 43	22 51	22 59	24 37		n.a.	W24
T 25	3 1	7 4	4 58	6 19	1 46	14 59	1 22	24 29	1 11	23 58	0 26	15 36	1 28	23 20	0 12	12 6	1 45	22 10	16 43	22 52	23 0	24 38		n.a.	T 25
F 26	2 37	12 7	5 2	6 57	1 52	14 35	1 23	24 28	1 12	23 58	0 27	15 38	1 28	23 20	0 12	12 7	1 45	22 9	16 43	22 54	23 0	24 38		n.a.	F 26
S 27	2 13	16 36	4 51	7 35	1 58	14 10	1 25	24 26	1 13	23 57	0 27	15 39	1 27	23 20	0 12	12 8	1 45	22 8	16 44	22 55	23 1	24 39		n.a.	S 27
S 28	1 49	20 18	4 27	8 12	2 3	13 45	1 26	24 24	1 15	23 57	0 27	15 41	1 27	23 20	0 12	12 8	1 45	22 7	16 44	22 56	23 1	24 40		n.a.	S 28
M29	1 24	23 7	3 52	8 48	2 8	13 20	1 27	24 21	1 16	23 57	0 27	15 43	1 27	23 20	0 12	12 9	1 45	22 7	16 44	22 57	23 1	24 40		n.a.	M29
T 30	1n 0	24n54	3n 7	9s24	2s13	12n55	1n28	24n19	1n17	23n57	0n27	15s44	1n27	23n20	0n12	12s 9	1n45	22n 6	16n44	22s58	23s 2	24n41		n.a.	T 30

Julian Day Number = 1360799.5, Delta T = 06h59m08s
Ecliptic obliquity = 23°48'50, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°42'23, Lahiri = -17°35'23 Julian Calendar 1 Sept. 988 BCE == Greg. Calendar 23 Aug. 988 BCE

The year -987 astronomical counting style corresponds to year 988 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 988 BCE
geocentric

OCTOBER 988 BCE (-987) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 0 39	28♍32'11	18♊55	19♎46	1♍33	14♋42	9♋18	16♏55	16♊40	6♏16	13♍ 5	14°R56	14♑18	5♊ 8	n.a.	W 1
T 2	0 4 36	29°32'37	0♋46	21° 3	2°47	15°13	9°25	17° 0	16°R40	6°18	13° 7	14°D56	14°15	5°14	n.a.	T 2
F 3	0 8 32	0♎33'06	12°46	22°18	4° 2	15°44	9°31	17° 6	16°40	6°20	13°10	14°R56	14°12	5°21	n.a.	F 3
S 4	0 12 29	1°33'37	25° 0	23°32	5°17	16°15	9°37	17°11	16°40	6°22	13°12	14♑55	14° 9	5°28	n.a.	S 4
S 5	0 16 25	2°34'10	7♌33	24°44	6°31	16°46	9°43	17°17	16°39	6°24	13°14	14°54	14° 6	5°34	n.a.	S 5
M 6	0 20 22	3°34'44	20°30	25°54	7°46	17°17	9°49	17°22	16°39	6°26	13°17	14°49	14° 2	5°41	n.a.	M 6
T 7	0 24 18	4°35'21	3♍52	27° 2	9° 1	17°48	9°54	17°28	16°39	6°28	13°19	14°42	13°59	5°48	n.a.	T 7
W 8	0 28 15	5°35'59	17°40	28° 7	10°16	18°18	10° 0	17°34	16°39	6°30	13°21	14°32	13°56	5°54	n.a.	W 8
T 9	0 32 11	6°36'39	1♎51	29° 8	11°31	18°49	10° 5	17°40	16°38	6°32	13°24	14°20	13°53	6° 1	n.a.	T 9
F 10	0 36 8	7°37'21	16°21	0♏ 7	12°46	19°19	10°10	17°46	16°38	6°34	13°26	14° 8	13°50	6° 8	n.a.	F 10
S 11	0 40 5	8°38'04	1♏ 1	1° 2	14° 1	19°49	10°15	17°52	16°37	6°36	13°28	13°56	13°47	6°14	n.a.	S 11
S 12	0 44 1	9°38'49	15°45	1°53	15°16	20°19	10°20	17°58	16°37	6°38	13°30	13°47	13°43	6°21	n.a.	S 12
M13	0 47 58	10°39'35	0♐25	2°39	16°31	20°49	10°25	18° 4	16°36	6°40	13°32	13°40	13°40	6°28	n.a.	M13
T 14	0 51 54	11°40'22	14°54	3°19	17°46	21°18	10°29	18°10	16°36	6°42	13°35	13°35	13°37	6°34	n.a.	T 14
W15	0 55 51	12°41'11	29° 9	3°54	19° 1	21°47	10°34	18°16	16°35	6°44	13°37	13°34	13°34	6°41	n.a.	W15
T 16	0 59 47	13°42'00	13♑ 9	4°21	20°16	22°17	10°38	18°22	16°34	6°47	13°39	13°34	13°31	6°48	n.a.	T 16
F 17	1 3 44	14°42'51	26°53	4°41	21°31	22°45	10°42	18°28	16°34	6°49	13°41	13°33	13°27	6°54	n.a.	F 17
S 18	1 7 40	15°43'43	10♒23	4°53	22°46	23°14	10°46	18°34	16°33	6°51	13°43	13°32	13°24	7° 1	n.a.	S 18
S 19	1 11 37	16°44'36	23°40	4°R56	24° 1	23°43	10°49	18°41	16°32	6°53	13°45	13°28	13°21	7° 8	n.a.	S 19
M20	1 15 34	17°45'30	6♓46	4°49	25°16	24°11	10°53	18°47	16°31	6°55	13°48	13°21	13°18	7°15	n.a.	M20
T 21	1 19 30	18°46'24	19°40	4°31	26°32	24°39	10°56	18°54	16°30	6°57	13°50	13°11	13°15	7°21	n.a.	T 21
W22	1 23 27	19°47'20	2♈23	4° 3	27°47	25° 7	10°59	19° 0	16°29	6°59	13°52	12°59	13°12	7°28	n.a.	W22
T 23	1 27 23	20°48'18	14°56	3°24	29° 2	25°35	11° 2	19° 6	16°28	7° 2	13°54	12°45	13° 8	7°35	n.a.	T 23
F 24	1 31 20	21°49'16	27°18	2°34	0♎17	26° 3	11° 4	19°13	16°27	7° 4	13°56	12°30	13° 5	7°41	n.a.	F 24
S 25	1 35 16	22°50'15	9♉29	1°34	1°33	26°30	11° 7	19°19	16°25	7° 6	13°58	12°17	13° 2	7°48	n.a.	S 25
S 26	1 39 13	23°51'16	21°31	0°25	2°48	26°57	11° 9	19°26	16°24	7° 8	14° 0	12° 5	12°59	7°55	n.a.	S 26
M27	1 43 9	24°52'18	3♊24	29♎ 9	4° 3	27°24	11°11	19°33	16°23	7°10	14° 2	11°56	12°56	8° 1	n.a.	M27
T 28	1 47 6	25°53'21	15°13	27°49	5°19	27°51	11°13	19°39	16°21	7°13	14° 4	11°51	12°53	8° 8	n.a.	T 28
W29	1 51 3	26°54'26	27° 0	26°26	6°34	28°17	11°15	19°46	16°20	7°15	14° 6	11°48	12°49	8°15	n.a.	W29
T 30	1 54 59	27°55'31	8♋50	25° 4	7°49	28°43	11°17	19°53	16°19	7°17	14° 7	11°D47	12°46	8°21	n.a.	T 30
F 31	1 58 56	28♎56'38	20♋47	23♎45	9♎ 5	29♋ 9	11♋18	19♏59	16♊17	7♏19	14♍ 9	11♑47	12♑43	8♊28	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	0n35	25n34	2n14	9s58	2s18	12n29	1n29	24n17	1n18	23n56	0n27	15s46	1n27	23n20	0n12	12s10	1n45	22n 5	16n44	22s58	23s 2	24n41			n.a.
T 2	0 11	25 3	1 14	10 32	2 22	12 2	1 30	24 14	1 19	23 56	0 28	15 48	1 27	23 20	0 12	12 11	1 45	22 4	16 44	22 58	23 2	24 42			n.a.
F 3	0s13	23 23	0 11	11 4	2 26	11 36	1 31	24 12	1 20	23 56	0 28	15 49	1 26	23 20	0 12	12 11	1 45	22 3	16 44	22 58	23 3	24 42			n.a.
S 4	0 38	20 36	0s53	11 36	2 30	11 9	1 32	24 9	1 21	23 56	0 28	15 51	1 26	23 20	0 12	12 12	1 45	22 3	16 45	22 58	23 3	24 43			n.a.
S 5	1 2	16 47	1 57	12 6	2 33	10 41	1 33	24 6	1 22	23 55	0 28	15 53	1 26	23 20	0 12	12 13	1 45	22 2	16 45	22 58	23 3	24 44			n.a.
M 6	1 27	12 6	2 56	12 35	2 36	10 14	1 33	24 3	1 24	23 55	0 28	15 55	1 26	23 20	0 12	12 14	1 45	22 1	16 45	22 59	23 4	24 44			n.a.
T 7	1 51	6 42	3 48	13 2	2 38	9 46	1 34	24 1	1 25	23 55	0 29	15 56	1 26	23 20	0 12	12 14	1 45	22 0	16 45	22 59	23 4	24 45			n.a.
W 8	2 15	0 51	4 28	13 27	2 40	9 18	1 35	23 58	1 26	23 55	0 29	15 58	1 26	23 20	0 12	12 15	1 45	22 0	16 45	23 0	23 4	24 45			n.a.
T 9	2 40	5s13	4 53	13 51	2 41	8 49	1 35	23 54	1 27	23 54	0 29	16 0	1 25	23 20	0 12	12 16	1 45	21 59	16 46	23 2	23 5	24 46			n.a.
F 10	3 4	11 7	5 0	14 12	2 42	8 20	1 35	23 51	1 28	23 54	0 29	16 2	1 25	23 20	0 12	12 16	1 45	21 58	16 46	23 3	23 5	24 46			n.a.
S 11	3 29	16 29	4 47	14 32	2 42	7 51	1 36	23 48	1 30	23 54	0 29	16 4	1 25	23 20	0 12	12 17	1 45	21 57	16 46	23 4	23 5	24 47			n.a.
S 12	3 53	20 53	4 15	14 49	2 41	7 22	1 36	23 45	1 31	23 54	0 30	16 5	1 25	23 20	0 12	12 18	1 45	21 57	16 46	23 5	23 6	24 47			n.a.
M13	4 17	23 55	3 27	15 3	2 39	6 53	1 36	23 41	1 32	23 54	0 30	16 7	1 25	23 20	0 12	12 18	1 45	21 56	16 46	23 6	23 6	24 48			n.a.
T 14	4 41	25 21	2 25	15 15	2 36	6 23	1 36	23 38	1 33	23 54	0 30	16 9	1 25	23 20	0 12	12 19	1 45	21 55	16 47	23 6	23 6	24 48			n.a.
W15	5 5	25 4	1 15	15 23	2 32	5 53	1 36	23 34	1 34	23 53	0 30	16 11	1 25	23 20	0 12	12 20	1 45	21 55	16 47	23 7	23 7	24 49			n.a.
T 16	5 29	23 11	0 2	15 28	2 26	5 23	1 36	23 31	1 36	23 53	0 31	16 13	1 25	23 20	0 12	12 21	1 45	21 54	16 47	23 7	23 7	24 49			n.a.
F 17	5 53	19 58	1n10	15 28	2 20	4 53	1 36	23 27	1 37	23 53	0 31	16 15	1 24	23 20	0 12	12 21	1 45	21 54	16 48	23 7	23 7	24 50			n.a.
S 18	6 17	15 43	2 17	15 25	2 12	4 23	1 36	23 24	1 38	23 53	0 31	16 16	1 24	23 20	0 12	12 22	1 45	21 53	16 48	23 7	23 8	24 50			n.a.
S 19	6 41	10 47	3 15	15 17	2 2	3 52	1 36	23 20	1 40	23 53	0 31	16 18	1 24	23 20	0 12	12 23	1 45	21 52	16 48	23 7	23 8	24 50			n.a.
M20	7 4	5 26	4 2	15 4	1 51	3 22	1 35	23 16	1 41	23 53	0 31	16 20	1 24	23 19	0 12	12 24	1 45	21 52	16 48	23 8	23 8	24 51			n.a.
T 21	7 28	0n 3	4 35	14 47	1 39	2 51	1 35	23 12	1 42	23 53	0 32	16 22	1 24	23 19	0 12	12 24	1 44	21 51	16 49	23 9	23 9	24 51			n.a.
W22	7 51	5 28	4 55	14 23	1 24	2 20	1 34	23 8	1 44	23 53	0 32	16 24	1 24	23 19	0 12	12 25	1 44	21 51	16 49	23 10	23 9	24 52			n.a.
T 23	8 15	10 34	5 0	13 55	1 9	1 49	1 34	23 4	1 45	23 53	0 32	16 26	1 24	23 19	0 12	12 26	1 44	21 50	16 49	23 12	23 9	24 52			n.a.
F 24	8 38	15 10	4 50	13 21	0 51	1 18	1 33	23 1	1 46	23 53	0 32	16 28	1 24	23 19	0 12	12 27	1 44	21 50	16 50	23 13	23 10	24 53			n.a.
S 25	9 1	19 5	4 27	12 42	0 32	0 47	1 32	22 57	1 48	23 53	0 32	16 30	1 23	23 19	0 13	12 27	1 44	21 49	16 50	23 14	23 10	24 53			n.a.
S 26	9 24	22 10	3 53	11 59	0 13	0 16	1 32	22 53	1 49	23 53	0 33	16 32	1 23	23 19	0 13	12 28	1 44	21 49	16 50	23 15	23 10	24 53			n.a.
M27	9 47	24 15	3 8	11 13	0n 8	0s15	1 31	22 49	1 50	23 53	0 33	16 34	1 23	23 19	0 13	12 29	1 44	21 48	16 51	23 16	23 10	24 54			n.a.
T 28	10 9	25 14	2 16	10 25	0 29	0 46	1 30	22 45	1 52	23 53	0 33	16 35	1 23	23 19	0 13	12 30	1 44	21 48	16 51	23 17	23 11	24 54			n.a.
W29	10 32	25 4	1 18	9 36	0 49	1 17	1 29	22 41	1 53	23 53	0 33	16 37	1 23	23 19	0 13	12 30	1 44	21 48	16 52	23 17	23 11	24 55			n.a.
T 30	10 54	23 47	0 16	8 47	1 8	1 48	1 28	22 37	1 55	23 53	0 34	16 39	1 23	23 18	0 13	12 31	1 44	21 47	16 52	23 17	23 11	24 55			n.a.
F 31	11s16	21n24	0s48	8s 1	1n27	2s20	1n27	22n32	1n56	23n53	0n34	16s41	1n23	23n18	0n13	12s32	1n44	21n47	16n52	23s17	23s12	24n55			n.a.

Julian Day Number = 1360829.5, Delta T = 06h59m06s
Ecliptic obliquity = 23°48'50, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°42'19, Lahiri = -17°35'19 Julian Calendar 1 Oct. 988 BCE == Greg. Calendar 22 Sept. 988 BCE

The year -987 astronomical counting style corresponds to year 988 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 988 BCE
geocentric

NOVEMBER 988 BCE (-987) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 2 52	29♎57'46	2♌57	22°R33	10♎20	29♋35	11♋19	20♏ 6	16°R16	7♏22	14♍11	11°R47	12♉40	8♊35	n.a.	S 1
S 2	2 6 49	0♏58'55	15°27	21♎28	11°35	0♌ 0	11°20	20°13	16♊14	7°24	14°13	11♉46	12°37	8°41	n.a.	S 2
M 3	2 10 45	2° 0'05	28°20	20°33	12°51	0°25	11°21	20°20	16°12	7°26	14°15	11°43	12°33	8°48	n.a.	M 3
T 4	2 14 42	3° 1'16	11♍41	19°49	14° 6	0°50	11°21	20°26	16°11	7°28	14°17	11°37	12°30	8°55	n.a.	T 4
W 5	2 18 38	4° 2'28	25°31	19°16	15°22	1°15	11°22	20°33	16° 9	7°31	14°18	11°29	12°27	9° 1	n.a.	W 5
T 6	2 22 35	5° 3'41	9♎49	18°54	16°37	1°39	11°R22	20°40	16° 7	7°33	14°20	11°19	12°24	9° 8	n.a.	T 6
F 7	2 26 32	6° 4'55	24°32	18°43	17°53	2° 3	11°22	20°47	16° 6	7°35	14°22	11° 9	12°21	9°15	n.a.	F 7
S 8	2 30 28	7° 6'10	9♏32	18°D43	19° 8	2°27	11°22	20°54	16° 4	7°38	14°23	10°58	12°18	9°21	n.a.	S 8
S 9	2 34 25	8° 7'25	24°39	18°53	20°24	2°50	11°21	21° 1	16° 2	7°40	14°25	10°50	12°14	9°28	n.a.	S 9
M10	2 38 21	9° 8'41	9♐43	19°11	21°39	3°13	11°21	21° 8	16° 0	7°42	14°27	10°43	12°11	9°35	n.a.	M10
T 11	2 42 18	10° 9'57	24°35	19°38	22°55	3°36	11°20	21°15	15°58	7°44	14°28	10°40	12° 8	9°41	n.a.	T 11
W12	2 46 14	11°11'13	9♑ 9	20°11	24°10	3°59	11°19	21°22	15°56	7°47	14°30	10°D39	12° 5	9°48	n.a.	W12
T 13	2 50 11	12°12'29	23°21	20°52	25°25	4°21	11°18	21°29	15°54	7°49	14°31	10°39	12° 2	9°55	n.a.	T 13
F 14	2 54 8	13°13'46	7♒11	21°38	26°41	4°42	11°16	21°36	15°52	7°51	14°33	10°R40	11°59	10° 1	n.a.	F 14
S 15	2 58 4	14°15'02	20°39	22°29	27°56	5° 4	11°15	21°43	15°50	7°53	14°34	10°40	11°55	10° 8	n.a.	S 15
S 16	3 2 1	15°16'19	3♓48	23°25	29°12	5°25	11°13	21°50	15°48	7°56	14°36	10°38	11°52	10°15	n.a.	S 16
M17	3 5 57	16°17'35	16°41	24°25	0♏27	5°46	11°11	21°57	15°46	7°58	14°37	10°34	11°49	10°21	n.a.	M17
T 18	3 9 54	17°18'51	29°19	25°28	1°43	6° 6	11° 9	22° 4	15°43	8° 0	14°39	10°27	11°46	10°28	n.a.	T 18
W19	3 13 50	18°20'08	11♈46	26°35	2°58	6°26	11° 6	22°11	15°41	8° 2	14°40	10°19	11°43	10°35	n.a.	W19
T 20	3 17 47	19°21'24	24° 2	27°44	4°14	6°46	11° 4	22°18	15°39	8° 5	14°41	10° 9	11°39	10°41	n.a.	T 20
F 21	3 21 43	20°22'40	6♉10	28°56	5°29	7° 5	11° 1	22°25	15°37	8° 7	14°43	9°59	11°36	10°48	n.a.	F 21
S 22	3 25 40	21°23'57	18°11	0♏ 9	6°45	7°24	10°58	22°32	15°34	8° 9	14°44	9°49	11°33	10°55	n.a.	S 22
S 23	3 29 37	22°25'13	0♊ 6	1°25	8° 0	7°42	10°55	22°39	15°32	8°11	14°45	9°41	11°30	11° 1	n.a.	S 23
M24	3 33 33	23°26'30	11°56	2°42	9°16	8° 0	10°51	22°46	15°30	8°13	14°46	9°35	11°27	11° 8	n.a.	M24
T 25	3 37 30	24°27'46	23°44	4° 1	10°31	8°18	10°48	22°53	15°27	8°16	14°47	9°31	11°24	11°15	n.a.	T 25
W26	3 41 26	25°29'03	5♋32	5°21	11°46	8°35	10°44	23° 0	15°25	8°18	14°49	9°D29	11°20	11°21	n.a.	W26
T 27	3 45 23	26°30'19	17°23	6°42	13° 2	8°52	10°40	23° 7	15°23	8°20	14°50	9°30	11°17	11°28	n.a.	T 27
F 28	3 49 19	27°31'36	29°21	8° 5	14°17	9° 8	10°36	23°14	15°20	8°22	14°51	9°31	11°14	11°35	n.a.	F 28
S 29	3 53 16	28°32'53	11♌31	9°28	15°33	9°24	10°32	23°21	15°18	8°24	14°52	9°33	11°11	11°41	n.a.	S 29
S 30	3 57 13	29♏34'09	23♌57	10♏52	16♏48	9♌39	10♋28	23♏28	15♊15	8♏27	14♍53	9°R34	11♉ 8	11♊48	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	11s38	18n 1	1s50	7s18	1n43	2s51	1n26	22n28	1n58	23n53	0n34	16s43	1n23	23n18	0n13	12s33	1n44	21n46	16n53	23s17	23s12	24n56		n.a.	
S 2	12 0	13 46	2 49	6 40	1 58	3 22	1 24	22 24	1 59	23 53	0 34	16 45	1 23	23 18	0 13	12 33	1 44	21 46	16 53	23 17	23 12	24 56		n.a.	
M 3	12 21	8 47	3 41	6 8	2 11	3 53	1 23	22 20	2 1	23 54	0 35	16 47	1 22	23 18	0 13	12 34	1 44	21 46	16 54	23 17	23 13	24 56		n.a.	
T 4	12 43	3 15	4 23	5 41	2 22	4 24	1 22	22 16	2 2	23 54	0 35	16 49	1 22	23 18	0 13	12 35	1 44	21 45	16 54	23 18	23 13	24 57		n.a.	
W 5	13 4	2s38	4 52	5 21	2 30	4 54	1 20	22 12	2 4	23 54	0 35	16 51	1 22	23 17	0 13	12 36	1 44	21 45	16 54	23 18	23 13	24 57		n.a.	
T 6	13 25	8 35	5 3	5 7	2 36	5 25	1 19	22 8	2 5	23 54	0 35	16 53	1 22	23 17	0 13	12 36	1 44	21 45	16 55	23 19	23 14	24 57		n.a.	
F 7	13 45	14 13	4 55	4 58	2 41	5 56	1 17	22 4	2 7	23 54	0 35	16 55	1 22	23 17	0 13	12 37	1 44	21 44	16 55	23 20	23 14	24 58		n.a.	
S 8	14 6	19 6	4 27	4 56	2 44	6 26	1 16	22 0	2 8	23 55	0 36	16 57	1 22	23 17	0 13	12 38	1 44	21 44	16 56	23 21	23 14	24 58		n.a.	
S 9	14 26	22 46	3 40	4 58	2 45	6 57	1 14	21 56	2 10	23 55	0 36	16 59	1 22	23 17	0 13	12 39	1 44	21 44	16 56	23 22	23 14	24 58		n.a.	
M10	14 46	24 51	2 37	5 5	2 45	7 27	1 13	21 52	2 12	23 55	0 36	17 0	1 22	23 17	0 13	12 39	1 44	21 44	16 57	23 22	23 15	24 59		n.a.	
T 11	15 6	25 7	1 25	5 16	2 44	7 57	1 11	21 48	2 13	23 56	0 36	17 2	1 22	23 16	0 13	12 40	1 44	21 43	16 57	23 23	23 15	24 59		n.a.	
W12	15 25	23 38	0 8	5 31	2 41	8 27	1 9	21 45	2 15	23 56	0 37	17 4	1 22	23 16	0 13	12 41	1 44	21 43	16 58	23 23	23 15	24 59		n.a.	
T 13	15 44	20 39	1n 8	5 50	2 38	8 56	1 7	21 41	2 17	23 56	0 37	17 6	1 22	23 16	0 13	12 42	1 44	21 43	16 58	23 23	23 16	25 0		n.a.	
F 14	16 3	16 33	2 17	6 11	2 34	9 26	1 6	21 37	2 18	23 57	0 37	17 8	1 21	23 16	0 13	12 42	1 44	21 43	16 59	23 23	23 16	25 0		n.a.	
S 15	16 22	11 43	3 17	6 34	2 30	9 55	1 4	21 33	2 20	23 57	0 37	17 10	1 21	23 16	0 13	12 43	1 44	21 43	16 59	23 23	23 16	25 0		n.a.	
S 16	16 40	6 28	4 6	7 0	2 24	10 24	1 2	21 30	2 22	23 57	0 38	17 12	1 21	23 15	0 13	12 44	1 44	21 43	16 59	23 23	23 16	25 0		n.a.	
M17	16 58	1 3	4 40	7 28	2 19	10 53	1 0	21 26	2 23	23 58	0 38	17 14	1 21	23 15	0 13	12 44	1 44	21 43	17 0	23 23	23 17	25 1		n.a.	
T 18	17 16	4n18	5 0	7 57	2 12	11 21	0 58	21 23	2 25	23 58	0 38	17 16	1 21	23 15	0 13	12 45	1 44	21 42	17 0	23 24	23 17	25 1		n.a.	
W19	17 33	9 24	5 6	8 27	2 6	11 49	0 56	21 19	2 27	23 59	0 38	17 18	1 21	23 15	0 13	12 46	1 44	21 42	17 1	23 24	23 17	25 1		n.a.	
T 20	17 50	14 3	4 57	8 59	1 59	12 17	0 54	21 16	2 29	23 59	0 38	17 20	1 21	23 15	0 13	12 47	1 44	21 42	17 2	23 25	23 18	25 1		n.a.	
F 21	18 7	18 6	4 35	9 31	1 52	12 45	0 52	21 13	2 30	24 0	0 39	17 21	1 21	23 14	0 13	12 47	1 44	21 42	17 2	23 26	23 18	25 2		n.a.	
S 22	18 24	21 22	4 1	10 4	1 45	13 12	0 49	21 10	2 32	24 0	0 39	17 23	1 21	23 14	0 13	12 48	1 44	21 42	17 3	23 27	23 18	25 2		n.a.	
S 23	18 40	23 41	3 16	10 38	1 38	13 39	0 47	21 6	2 34	24 0	0 39	17 25	1 21	23 14	0 13	12 49	1 44	21 42	17 3	23 27	23 18	25 2		n.a.	
M24	18 55	24 56	2 23	11 11	1 30	14 6	0 45	21 3	2 36	24 1	0 39	17 27	1 21	23 14	0 13	12 49	1 44	21 42	17 4	23 28	23 19	25 2		n.a.	
T 25	19 11	25 4	1 24	11 46	1 23	14 32	0 43	21 1	2 38	24 1	0 40	17 29	1 21	23 13	0 13	12 50	1 44	21 42	17 4	23 28	23 19	25 2		n.a.	
W26	19 26	24 3	0 21	12 20	1 15	14 58	0 41	20 58	2 40	24 2	0 40	17 31	1 21	23 13	0 13	12 51	1 44	21 42	17 5	23 28	23 19	25 3		n.a.	
T 27	19 41	21 57	0s43	12 54	1 7	15 23	0 38	20 55	2 42	24 3	0 40	17 33	1 21	23 13	0 13	12 52	1 44	21 42	17 5	23 28	23 20	25 3		n.a.	
F 28	19 55	18 53	1 46	13 29	1 0	15 48	0 36	20 53	2 44	24 3	0 40	17 34	1 21	23 13	0 13	12 52	1 44	21 42	17 6	23 28	23 20	25 3		n.a.	
S 29	20 9	14 57	2 45	14 3	0 52	16 13	0 34	20 50	2 46	24 4	0 41	17 36	1 20	23 12	0 13	12 53	1 44	21 42	17 6	23 28	23 20	25 3		n.a.	
S 30	20s22	10n19	3s38	14s37	0n44	16s37	0n31	20n48	2n48	24n 4	0n41	17s38	1n20	23n12	0n13	12s54	1n44	21n43	17n 7	23s28	23s20	25n 3		n.a.	

Julian Day Number = 1360860.5, Delta T = 06h59m05s
Ecliptic obliquity = 23°48'49, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°42'15, Lahiri = -17°35'14 Julian Calendar 1 Nov. 988 BCE == Greg. Calendar 23 Oct. 988 BCE

The year -987 astronomical counting style corresponds to year 988 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 988 BCE
geocentric

DECEMBER 988 BCE (-987) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 1 9	0♐35'26	6♍44	12♏17	18♏ 4	9♑54	10°R23	23♏35	15°R13	8♏29	14♍54	9°R34	11♉ 5	11♊55	n.a.	M 1
T 2	4 5 6	1°36'42	19°57	13°43	19°19	10° 9	10♋18	23°42	15♊10	8°31	14°55	9♉32	11° 1	12° 1	n.a.	T 2
W 3	4 9 2	2°37'58	3♎38	15°10	20°35	10°23	10°14	23°49	15° 8	8°33	14°55	9°29	10°58	12° 8	n.a.	W 3
T 4	4 12 59	3°39'14	17°49	16°37	21°50	10°36	10° 9	23°56	15° 5	8°35	14°56	9°24	10°55	12°15	n.a.	T 4
F 5	4 16 55	4°40'30	2♏27	18° 5	23° 5	10°49	10° 3	24° 3	15° 3	8°37	14°57	9°19	10°52	12°21	n.a.	F 5
S 6	4 20 52	5°41'46	17°26	19°33	24°21	11° 1	9°58	24°10	15° 0	8°39	14°58	9°13	10°49	12°28	n.a.	S 6
S 7	4 24 48	6°43'01	2♐39	21° 2	25°36	11°13	9°52	24°17	14°58	8°41	14°59	9° 9	10°45	12°35	n.a.	S 7
M 8	4 28 45	7°44'16	17°55	22°32	26°52	11°24	9°47	24°24	14°55	8°43	14°59	9° 6	10°42	12°41	n.a.	M 8
T 9	4 32 42	8°45'31	3♑ 4	24° 2	28° 7	11°35	9°41	24°31	14°52	8°45	15° 0	9°D 4	10°39	12°48	n.a.	T 9
W10	4 36 38	9°46'44	17°57	25°33	29°22	11°45	9°35	24°38	14°50	8°47	15° 1	9° 5	10°36	12°55	n.a.	W10
T 11	4 40 35	10°47'56	2♒27	27° 4	0♐38	11°54	9°29	24°45	14°47	8°49	15° 1	9° 6	10°33	13° 1	n.a.	T 11
F 12	4 44 31	11°49'08	16°32	28°36	1°53	12° 3	9°22	24°51	14°45	8°51	15° 2	9° 7	10°30	13° 8	n.a.	F 12
S 13	4 48 28	12°50'18	0♓10	0♐ 9	3° 8	12°11	9°16	24°58	14°42	8°53	15° 2	9° 9	10°26	13°15	n.a.	S 13
S 14	4 52 24	13°51'27	13°23	1°41	4°24	12°19	9°10	25° 5	14°39	8°55	15° 3	9°R 9	10°23	13°21	n.a.	S 14
M15	4 56 21	14°52'35	26°15	3°15	5°39	12°25	9° 3	25°12	14°37	8°57	15° 3	9° 9	10°20	13°28	n.a.	M15
T 16	5 0 18	15°53'42	8♈48	4°49	6°54	12°32	8°56	25°19	14°34	8°59	15° 4	9° 7	10°17	13°35	n.a.	T 16
W17	5 4 14	16°54'47	21° 5	6°23	8°10	12°37	8°49	25°25	14°32	9° 1	15° 4	9° 4	10°14	13°41	n.a.	W17
T 18	5 8 11	17°55'52	3♉12	7°59	9°25	12°42	8°42	25°32	14°29	9° 3	15° 5	9° 1	10°10	13°48	n.a.	T 18
F 19	5 12 7	18°56'55	15°10	9°34	10°40	12°47	8°35	25°39	14°26	9° 5	15° 5	8°57	10° 7	13°55	n.a.	F 19
S 20	5 16 4	19°57'57	27° 3	11°11	11°55	12°50	8°28	25°45	14°24	9° 7	15° 5	8°54	10° 4	14° 1	n.a.	S 20
S 21	5 20 0	20°58'58	8♊53	12°48	13°11	12°53	8°21	25°52	14°21	9° 8	15° 6	8°51	10° 1	14° 8	n.a.	S 21
M22	5 23 57	21°59'58	20°41	14°25	14°26	12°55	8°14	25°59	14°19	9°10	15° 6	8°49	9°58	14°15	n.a.	M22
T 23	5 27 53	23° 0'56	2♋31	16° 4	15°41	12°57	8° 6	26° 5	14°16	9°12	15° 6	8°49	9°55	14°21	n.a.	T 23
W24	5 31 50	24° 1'54	14°23	17°43	16°56	12°58	7°59	26°12	14°13	9°14	15° 6	8°D49	9°51	14°28	n.a.	W24
T 25	5 35 47	25° 2'50	26°21	19°22	18°12	12°R58	7°51	26°18	14°11	9°15	15° 6	8°49	9°48	14°35	n.a.	T 25
F 26	5 39 43	26° 3'46	8♌27	21° 3	19°27	12°57	7°44	26°25	14° 8	9°17	15° 6	8°50	9°45	14°41	n.a.	F 26
S 27	5 43 40	27° 4'40	20°43	22°44	20°42	12°55	7°36	26°31	14° 6	9°19	15°R 6	8°52	9°42	14°48	n.a.	S 27
S 28	5 47 36	28° 5'33	3♍13	24°25	21°57	12°53	7°28	26°37	14° 3	9°20	15° 6	8°53	9°39	14°54	n.a.	S 28
M29	5 51 33	29° 6'25	16° 1	26° 8	23°12	12°50	7°20	26°44	14° 1	9°22	15° 6	8°53	9°36	15° 1	n.a.	M29
T 30	5 55 29	0♑ 7'15	29° 9	27°51	24°27	12°46	7°13	26°50	13°58	9°24	15° 6	8°R54	9°32	15° 8	n.a.	T 30
W31	5 59 26	1♑ 8'05	12♎41	29♐35	25♐43	12♑42	7♋ 5	26♏56	13♊56	9♏25	15♍ 6	8♑53	9♑29	15♊14	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	20s36	5n 7	4s22	15s11	0n37	17s 1	0n29	20n46	2n50	24n 5	0n41	17s40	1n20	23n12	0n13	12s54	1n44	21n43	17n 7	23s28	23s21	25n 3			n.a.
T 2	20 48	0s27	4 54	15 44	0 29	17 24	0 27	20 43	2 52	24 5	0 41	17 42	1 20	23 12	0 13	12 55	1 44	21 43	17 8	23 28	23 21	25 4			n.a.
W 3	21 1	6 12	5 10	16 18	0 22	17 47	0 24	20 42	2 54	24 6	0 41	17 43	1 20	23 11	0 13	12 56	1 44	21 43	17 9	23 28	23 21	25 4			n.a.
T 4	21 13	11 50	5 8	16 50	0 14	18 9	0 22	20 40	2 56	24 7	0 42	17 45	1 20	23 11	0 13	12 56	1 44	21 43	17 9	23 28	23 21	25 4			n.a.
F 5	21 24	16 59	4 47	17 22	0 7	18 31	0 20	20 38	2 58	24 7	0 42	17 47	1 20	23 11	0 13	12 57	1 44	21 43	17 10	23 29	23 22	25 4			n.a.
S 6	21 35	21 13	4 5	17 54	0s 0	18 52	0 17	20 37	3 0	24 8	0 42	17 49	1 20	23 10	0 13	12 58	1 44	21 44	17 10	23 29	23 22	25 4			n.a.
S 7	21 46	24 3	3 6	18 25	0 7	19 13	0 15	20 35	3 2	24 9	0 42	17 51	1 20	23 10	0 13	12 58	1 44	21 44	17 11	23 30	23 22	25 4			n.a.
M 8	21 56	25 8	1 53	18 55	0 14	19 34	0 12	20 34	3 4	24 9	0 43	17 52	1 20	23 10	0 13	12 59	1 44	21 44	17 11	23 30	23 22	25 4			n.a.
T 9	22 6	24 19	0 33	19 25	0 21	19 53	0 10	20 33	3 6	24 10	0 43	17 54	1 20	23 10	0 13	13 0	1 44	21 44	17 12	23 30	23 23	25 5			n.a.
W10	22 16	21 47	0n49	19 54	0 28	20 13	0 7	20 32	3 8	24 11	0 43	17 56	1 20	23 9	0 13	13 0	1 45	21 44	17 13	23 30	23 23	25 5			n.a.
T 11	22 25	17 53	2 5	20 22	0 35	20 31	0 5	20 32	3 10	24 11	0 43	17 57	1 20	23 9	0 13	13 1	1 45	21 45	17 13	23 30	23 23	25 5			n.a.
F 12	22 33	13 5	3 12	20 50	0 41	20 49	0 3	20 31	3 13	24 12	0 43	17 59	1 20	23 9	0 13	13 1	1 45	21 45	17 14	23 30	23 23	25 5			n.a.
S 13	22 42	7 46	4 5	21 16	0 47	21 7	0 0	20 31	3 15	24 13	0 44	18 1	1 20	23 8	0 13	13 2	1 45	21 45	17 14	23 30	23 24	25 5			n.a.
S 14	22 49	2 16	4 44	21 42	0 53	21 23	0s 2	20 31	3 17	24 13	0 44	18 3	1 20	23 8	0 13	13 3	1 45	21 46	17 15	23 29	23 24	25 5			n.a.
M15	22 56	3n10	5 7	22 6	0 59	21 39	0 5	20 31	3 19	24 14	0 44	18 4	1 20	23 8	0 13	13 3	1 45	21 46	17 15	23 30	23 24	25 5			n.a.
T 16	23 3	8 21	5 15	22 30	1 5	21 55	0 7	20 32	3 21	24 15	0 44	18 6	1 20	23 8	0 13	13 4	1 45	21 46	17 16	23 30	23 24	25 5			n.a.
W17	23 9	13 6	5 8	22 52	1 10	22 10	0 9	20 32	3 24	24 15	0 44	18 8	1 20	23 7	0 13	13 4	1 45	21 47	17 17	23 30	23 25	25 5			n.a.
T 18	23 15	17 16	4 47	23 13	1 16	22 24	0 12	20 33	3 26	24 16	0 45	18 9	1 20	23 7	0 13	13 5	1 45	21 47	17 17	23 30	23 25	25 5			n.a.
F 19	23 21	20 41	4 14	23 34	1 21	22 38	0 14	20 34	3 28	24 16	0 45	18 11	1 20	23 7	0 13	13 6	1 45	21 48	17 18	23 30	23 25	25 5			n.a.
S 20	23 26	23 13	3 31	23 53	1 25	22 51	0 16	20 35	3 31	24 17	0 45	18 12	1 20	23 6	0 13	13 6	1 45	21 48	17 18	23 31	23 25	25 5			n.a.
S 21	23 30	24 44	2 38	24 10	1 30	23 3	0 19	20 36	3 33	24 18	0 45	18 14	1 20	23 6	0 13	13 7	1 45	21 48	17 19	23 31	23 26	25 5			n.a.
M22	23 34	25 7	1 39	24 27	1 34	23 14	0 21	20 38	3 35	24 18	0 45	18 16	1 20	23 6	0 13	13 7	1 45	21 49	17 20	23 31	23 26	25 5			n.a.
T 23	23 38	24 22	0 35	24 42	1 38	23 25	0 23	20 39	3 37	24 19	0 46	18 17	1 20	23 5	0 13	13 8	1 45	21 49	17 20	23 31	23 26	25 5			n.a.
W24	23 41	22 31	0s31	24 56	1 42	23 35	0 26	20 41	3 40	24 20	0 46	18 19	1 20	23 5	0 13	13 8	1 45	21 50	17 21	23 31	23 26	25 5			n.a.
T 25	23 43	19 39	1 36	25 8	1 45	23 45	0 28	20 44	3 42	24 20	0 46	18 20	1 20	23 5	0 13	13 9	1 45	21 50	17 21	23 31	23 27	25 5			n.a.
F 26	23 45	15 54	2 37	25 19	1 49	23 53	0 30	20 46	3 44	24 21	0 46	18 22	1 20	23 5	0 13	13 9	1 45	21 51	17 22	23 31	23 27	25 5			n.a.
S 27	23 47	11 28	3 32	25 28	1 51	24 1	0 32	20 49	3 47	24 22	0 46	18 23	1 20	23 4	0 13	13 10	1 45	21 51	17 22	23 31	23 27	25 5			n.a.
S 28	23 48	6 28	4 18	25 35	1 54	24 8	0 35	20 51	3 49	24 22	0 46	18 25	1 20	23 4	0 13	13 10	1 45	21 52	17 23	23 31	23 27	25 5			n.a.
M29	23 49	1 7	4 53	25 41	1 56	24 15	0 37	20 54	3 51	24 23	0 47	18 26	1 20	23 4	0 13	13 11	1 45	21 52	17 24	23 31	23 28	25 5			n.a.
T 30	23 49	4s26	5 13	25 45	1 58	24 20	0 39	20 58	3 53	24 23	0 47	18 28	1 20	23 3	0 13	13 11	1 45	21 53	17 24	23 31	23 28	25 5			n.a.
W31	23s48	9s56	5s17	25s48	1s59	24s25	0s41	21n 1	3n56	24n24	0n47	18s29	1n20	23n 3	0n13	13s12	1n45	21n53	17n25	23s31	23s28	25n 5			n.a.

Julian Day Number = 1360890.5, Delta T = 06h59m03s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°42'11, Lahiri = -17°35'10 Julian Calendar 1 Dec. 988 BCE == Greg. Calendar 22 Nov. 988 BCE

The year -987 astronomical counting style corresponds to year 988 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 987 BCE
geocentric

JANUARY 987 BCE (-986) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 3 22	2♑ 8'54	26♎37	1♑20	26♐58	12°R36	6°R57	27♏ 3	13°R53	9♏27	15°R 6	8°R53	9♑26	15♊21	n.a.	T 1
F 2	6 7 19	3° 9'41	10♏58	3° 5	28°13	12♌30	6♋49	27° 9	13♊51	9°28	15♍ 6	8♑52	9°23	15°28	n.a.	F 2
S 3	6 11 16	4°10'27	25°41	4°52	29°28	12°23	6°41	27°15	13°48	9°30	15° 5	8°52	9°20	15°34	n.a.	S 3
S 4	6 15 12	5°11'12	10♐40	6°39	0♑43	12°15	6°33	27°21	13°46	9°31	15° 5	8°51	9°16	15°41	n.a.	S 4
M 5	6 19 9	6°11'56	25°49	8°27	1°58	12° 7	6°25	27°27	13°44	9°33	15° 5	8°51	9°13	15°48	n.a.	M 5
T 6	6 23 5	7°12'38	10♑57	10°15	3°13	11°57	6°17	27°33	13°41	9°34	15° 5	8°D51	9°10	15°54	n.a.	T 6
W 7	6 27 2	8°13'19	25°55	12° 4	4°28	11°47	6° 9	27°39	13°39	9°36	15° 4	8°51	9° 7	16° 1	n.a.	W 7
T 8	6 30 58	9°13'57	10♒36	13°54	5°43	11°36	6° 1	27°45	13°37	9°37	15° 4	8°R51	9° 4	16° 8	n.a.	T 8
F 9	6 34 55	10°14'34	24°53	15°44	6°58	11°25	5°53	27°51	13°34	9°38	15° 3	8°51	9° 1	16°14	n.a.	F 9
S 10	6 38 52	11°15'09	8♓44	17°35	8°13	11°12	5°45	27°56	13°32	9°40	15° 3	8°51	8°57	16°21	n.a.	S 10
S 11	6 42 48	12°15'42	22° 7	19°26	9°28	10°59	5°37	28° 2	13°30	9°41	15° 2	8°50	8°54	16°28	n.a.	S 11
M12	6 46 45	13°16'13	5♈ 5	21°17	10°43	10°45	5°30	28° 8	13°28	9°42	15° 2	8°50	8°51	16°34	n.a.	M12
T 13	6 50 41	14°16'41	17°41	23° 8	11°58	10°30	5°22	28°13	13°26	9°44	15° 1	8°D50	8°48	16°41	n.a.	T 13
W14	6 54 38	15°17'08	29°58	25° 0	13°13	10°15	5°14	28°19	13°24	9°45	15° 1	8°50	8°45	16°48	n.a.	W14
T 15	6 58 34	16°17'33	12♉ 1	26°50	14°28	9°59	5° 6	28°24	13°22	9°46	15° 0	8°51	8°42	16°54	n.a.	T 15
F 16	7 2 31	17°17'56	23°55	28°41	15°43	9°42	4°59	28°30	13°19	9°47	15° 0	8°52	8°38	17° 1	n.a.	F 16
S 17	7 6 27	18°18'16	5♊44	0♒30	16°58	9°25	4°51	28°35	13°17	9°48	14°59	8°53	8°35	17° 8	n.a.	S 17
S 18	7 10 24	19°18'35	17°32	2°18	18°13	9° 7	4°44	28°41	13°15	9°49	14°58	8°54	8°32	17°14	n.a.	S 18
M19	7 14 21	20°18'51	29°21	4° 5	19°28	8°48	4°36	28°46	13°14	9°50	14°57	8°54	8°29	17°21	n.a.	M19
T 20	7 18 17	21°19'06	11♋15	5°49	20°43	8°29	4°29	28°51	13°12	9°51	14°57	8°R55	8°26	17°28	n.a.	T 20
W21	7 22 14	22°19'19	23°16	7°31	21°57	8° 9	4°21	28°56	13°10	9°52	14°56	8°54	8°22	17°34	n.a.	W21
T 22	7 26 10	23°19'29	5♌25	9°10	23°12	7°49	4°14	29° 1	13° 8	9°53	14°55	8°53	8°19	17°41	n.a.	T 22
F 23	7 30 7	24°19'38	17°45	10°45	24°27	7°28	4° 7	29° 6	13° 6	9°54	14°54	8°51	8°16	17°48	n.a.	F 23
S 24	7 34 3	25°19'45	0♍16	12°16	25°42	7° 7	4° 0	29°11	13° 4	9°55	14°53	8°49	8°13	17°54	n.a.	S 24
S 25	7 38 0	26°19'50	13° 0	13°43	26°57	6°45	3°53	29°16	13° 3	9°56	14°52	8°46	8°10	18° 1	n.a.	S 25
M26	7 41 56	27°19'53	25°59	15° 4	28°11	6°23	3°46	29°21	13° 1	9°57	14°51	8°44	8° 7	18° 8	n.a.	M26
T 27	7 45 53	28°19'54	9♎13	16°19	29°26	6° 1	3°40	29°25	12°59	9°58	14°50	8°42	8° 3	18°14	n.a.	T 27
W28	7 49 49	29°19'53	22°43	17°28	0♒41	5°38	3°33	29°30	12°58	9°58	14°49	8°41	8° 0	18°21	n.a.	W28
T 29	7 53 46	0♒19'51	6♏31	18°30	1°56	5°15	3°27	29°35	12°56	9°59	14°48	8°D41	7°57	18°28	n.a.	T 29
F 30	7 57 43	1°19'47	20°37	19°24	3°10	4°52	3°20	29°39	12°55	10° 0	14°47	8°41	7°54	18°34	n.a.	F 30
S 31	8 1 39	2♒19'42	4♐59	20♒11	4♒25	4♌29	3♋14	29♏44	12♊53	10♏ 0	14♍46	8♑43	7♑51	18♊41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23s48	15s 7	5s 3	25s48	2s 0	24s30	0s43	21n 5	3n58	24n25	0n47	18s31	1n20	23n 3	0n13	13s12	1n45	21n54	17n25	23s31	23s28	25n 5			n.a.
F 2	23 46	19 36	4 29	25 47	2 0	24 33	0 45	21 9	4 0	24 25	0 47	18 32	1 20	23 2	0 13	13 13	1 45	21 55	17 26	23 31	23 29	25 5			n.a.
S 3	23 45	23 0	3 38	25 44	2 0	24 36	0 47	21 13	4 2	24 26	0 47	18 33	1 20	23 2	0 13	13 13	1 45	21 55	17 26	23 31	23 29	25 5			n.a.
S 4	23 43	24 53	2 30	25 38	2 0	24 38	0 49	21 17	4 4	24 26	0 47	18 35	1 20	23 2	0 13	13 14	1 45	21 56	17 27	23 31	23 29	25 5			n.a.
M 5	23 40	24 57	1 12	25 31	1 59	24 39	0 51	21 22	4 7	24 27	0 48	18 36	1 20	23 2	0 13	13 14	1 45	21 56	17 28	23 31	23 29	25 5			n.a.
T 6	23 37	23 10	0n12	25 22	1 57	24 39	0 53	21 27	4 9	24 27	0 48	18 37	1 20	23 1	0 13	13 14	1 45	21 57	17 28	23 31	23 29	25 5			n.a.
W 7	23 33	19 46	1 34	25 10	1 55	24 39	0 54	21 32	4 11	24 28	0 48	18 39	1 20	23 1	0 13	13 15	1 45	21 58	17 29	23 31	23 30	25 5			n.a.
T 8	23 29	15 10	2 48	24 57	1 53	24 37	0 56	21 37	4 13	24 28	0 48	18 40	1 20	23 1	0 13	13 15	1 46	21 58	17 29	23 31	23 30	25 5			n.a.
F 9	23 25	9 50	3 49	24 41	1 50	24 35	0 58	21 42	4 15	24 29	0 48	18 41	1 20	23 1	0 13	13 16	1 46	21 59	17 30	23 31	23 30	25 4			n.a.
S 10	23 20	4 11	4 35	24 23	1 46	24 33	1 0	21 47	4 17	24 29	0 48	18 43	1 20	23 0	0 14	13 16	1 46	22 0	17 30	23 31	23 30	25 4			n.a.
S 11	23 14	1n29	5 5	24 3	1 42	24 29	1 1	21 53	4 19	24 30	0 48	18 44	1 20	23 0	0 14	13 16	1 46	22 0	17 31	23 31	23 31	25 4			n.a.
M12	23 8	6 53	5 17	23 41	1 37	24 25	1 3	21 59	4 21	24 30	0 48	18 45	1 20	23 0	0 14	13 17	1 46	22 1	17 31	23 31	23 31	25 4			n.a.
T 13	23 2	11 52	5 14	23 17	1 31	24 20	1 4	22 5	4 22	24 31	0 49	18 46	1 20	22 59	0 14	13 17	1 46	22 2	17 32	23 31	23 31	25 4			n.a.
W14	22 55	16 15	4 57	22 51	1 25	24 14	1 6	22 11	4 24	24 31	0 49	18 48	1 20	22 59	0 14	13 17	1 46	22 3	17 33	23 31	23 31	25 4			n.a.
T 15	22 48	19 54	4 26	22 23	1 17	24 8	1 7	22 17	4 26	24 32	0 49	18 49	1 20	22 59	0 14	13 18	1 46	22 3	17 33	23 31	23 31	25 4			n.a.
F 16	22 40	22 40	3 45	21 53	1 10	24 1	1 9	22 23	4 27	24 32	0 49	18 50	1 20	22 59	0 14	13 18	1 46	22 4	17 34	23 31	23 32	25 4			n.a.
S 17	22 32	24 27	2 54	21 21	1 1	23 53	1 10	22 29	4 29	24 32	0 49	18 51	1 20	22 58	0 14	13 18	1 46	22 5	17 34	23 31	23 32	25 3			n.a.
S 18	22 24	25 9	1 56	20 48	0 52	23 44	1 11	22 36	4 30	24 33	0 49	18 52	1 20	22 58	0 14	13 19	1 46	22 5	17 35	23 31	23 32	25 3			n.a.
M19	22 15	24 42	0 53	20 13	0 42	23 35	1 13	22 42	4 32	24 33	0 49	18 54	1 20	22 58	0 14	13 19	1 46	22 6	17 35	23 31	23 32	25 3			n.a.
T 20	22 6	23 7	0s13	19 37	0 31	23 24	1 14	22 49	4 33	24 33	0 49	18 55	1 20	22 58	0 14	13 19	1 46	22 7	17 36	23 31	23 32	25 3			n.a.
W21	21 56	20 29	1 19	19 0	0 20	23 14	1 15	22 55	4 34	24 34	0 49	18 56	1 20	22 57	0 14	13 19	1 46	22 8	17 36	23 31	23 33	25 3			n.a.
T 22	21 46	16 55	2 22	18 22	0 7	23 2	1 16	23 2	4 35	24 34	0 49	18 57	1 20	22 57	0 14	13 20	1 46	22 9	17 37	23 31	23 33	25 3			n.a.
F 23	21 35	12 36	3 19	17 43	0n 5	22 50	1 17	23 8	4 36	24 34	0 49	18 58	1 20	22 57	0 14	13 20	1 46	22 9	17 37	23 31	23 33	25 2			n.a.
S 24	21 24	7 42	4 7	17 5	0 19	22 37	1 18	23 15	4 37	24 35	0 50	18 59	1 20	22 57	0 14	13 20	1 46	22 10	17 37	23 31	23 33	25 2			n.a.
S 25	21 13	2 24	4 45	16 27	0 33	22 23	1 19	23 21	4 38	24 35	0 50	19 0	1 20	22 57	0 14	13 20	1 46	22 11	17 38	23 31	23 33	25 2			n.a.
M26	21 1	3s 5	5 8	15 49	0 47	22 9	1 20	23 28	4 39	24 35	0 50	19 1	1 20	22 56	0 14	13 21	1 46	22 12	17 38	23 31	23 34	25 2			n.a.
T 27	20 49	8 32	5 16	15 13	1 1	21 54	1 21	23 34	4 40	24 35	0 50	19 2	1 21	22 56	0 14	13 21	1 46	22 13	17 39	23 31	23 34	25 2			n.a.
W28	20 37	13 42	5 6	14 38	1 16	21 39	1 21	23 40	4 40	24 36	0 50	19 3	1 21	22 56	0 14	13 21	1 47	22 13	17 39	23 31	23 34	25 1			n.a.
T 29	20 24	18 17	4 39	14 4	1 31	21 22	1 22	23 47	4 41	24 36	0 50	19 4	1 21	22 56	0 14	13 21	1 47	22 14	17 40	23 31	23 34	25 1			n.a.
F 30	20 10	21 57	3 55	13 33	1 46	21 6	1 23	23 53	4 41	24 36	0 50	19 5	1 21	22 56	0 14	13 21	1 47	22 15	17 40	23 31	23 34	25 1			n.a.
S 31	19s57	24s20	2s56	13s 4	2n 1	20s48	1s23	23n59	4n41	24n36	0n50	19s 6	1n21	22n55	0n14	13s22	1n47	22n16	17n41	23s31	23s35	25n 1			n.a.

Julian Day Number = 1360921.5, Delta T = 06h59m01s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°42'06, Lahiri = -17°35'06 Julian Calendar 1 Jan. 987 BCE == Greg. Calendar 23 Dec. 988 BCE

The year -986 astronomical counting style corresponds to year 987 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 987 BCE
geocentric

FEBRUARY 987 BCE (-986) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 5 36	3♒19'34	19♐35	20♒49	5♒40	4°R 5	3°R 8	29♏48	12°R52	10♏ 1	14°R45	8♑44	7♑48	18♊47	n.a.	S 1
M 2	8 9 32	4°19'25	4♑21	21°19	6°55	3♌42	3♋ 2	29°52	12♊51	10° 2	14♍44	8°R45	7°44	18°54	n.a.	M 2
T 3	8 13 29	5°19'14	19°10	21°40	8° 9	3°18	2°56	29°57	12°49	10° 2	14°43	8°45	7°41	19° 1	n.a.	T 3
W 4	8 17 25	6°19'01	3♒55	21°53	9°24	2°55	2°51	0♐ 1	12°48	10° 3	14°41	8°43	7°38	19° 7	n.a.	W 4
T 5	8 21 22	7°18'45	18°30	21°R56	10°38	2°31	2°45	0° 5	12°47	10° 3	14°40	8°40	7°35	19°14	n.a.	T 5
F 6	8 25 18	8°18'28	2♓47	21°51	11°53	2° 8	2°40	0° 9	12°46	10° 4	14°39	8°36	7°32	19°21	n.a.	F 6
S 7	8 29 15	9°18'08	16°41	21°38	13° 8	1°45	2°35	0°13	12°45	10° 4	14°38	8°31	7°28	19°27	n.a.	S 7
S 8	8 33 12	10°17'45	0♈10	21°17	14°22	1°21	2°30	0°16	12°43	10° 5	14°36	8°26	7°25	19°34	n.a.	S 8
M 9	8 37 8	11°17'20	13°14	20°49	15°37	0°59	2°25	0°20	12°42	10° 5	14°35	8°22	7°22	19°41	n.a.	M 9
T 10	8 41 5	12°16'53	25°55	20°14	16°51	0°36	2°20	0°24	12°41	10° 5	14°34	8°19	7°19	19°47	n.a.	T 10
W11	8 45 1	13°16'24	8♉15	19°33	18° 6	0°14	2°16	0°27	12°41	10° 6	14°32	8°D18	7°16	19°54	n.a.	W11
T 12	8 48 58	14°15'52	20°20	18°48	19°20	29♋52	2°11	0°31	12°40	10° 6	14°31	8°18	7°13	20° 1	n.a.	T 12
F 13	8 52 54	15°15'17	2♊14	17°58	20°35	29°30	2° 7	0°34	12°39	10° 6	14°30	8°19	7° 9	20° 7	n.a.	F 13
S 14	8 56 51	16°14'41	14° 2	17° 7	21°49	29° 9	2° 3	0°38	12°38	10° 6	14°28	8°21	7° 6	20°14	n.a.	S 14
S 15	9 0 47	17°14'01	25°50	16°13	23° 4	28°49	1°59	0°41	12°37	10° 7	14°27	8°23	7° 3	20°21	n.a.	S 15
M16	9 4 44	18°13'20	7♋42	15°20	24°18	28°29	1°56	0°44	12°37	10° 7	14°25	8°R23	7° 0	20°27	n.a.	M16
T 17	9 8 41	19°12'36	19°41	14°27	25°33	28° 9	1°52	0°47	12°36	10° 7	14°24	8°23	6°57	20°34	n.a.	T 17
W18	9 12 37	20°11'50	1♌51	13°35	26°47	27°51	1°49	0°50	12°36	10° 7	14°22	8°20	6°54	20°41	n.a.	W18
T 19	9 16 34	21°11'01	14°14	12°47	28° 1	27°32	1°46	0°53	12°35	10° 7	14°21	8°15	6°50	20°47	n.a.	T 19
F 20	9 20 30	22°10'10	26°51	12° 2	29°16	27°14	1°43	0°56	12°35	10°R 7	14°19	8° 9	6°47	20°54	n.a.	F 20
S 21	9 24 27	23° 9'17	9♍43	11°21	0♓30	26°57	1°40	0°58	12°34	10° 7	14°18	8° 1	6°44	21° 1	n.a.	S 21
S 22	9 28 23	24° 8'22	22°49	10°45	1°44	26°41	1°37	1° 1	12°34	10° 7	14°16	7°53	6°41	21° 7	n.a.	S 22
M23	9 32 20	25° 7'25	6♎ 8	10°14	2°58	26°25	1°35	1° 4	12°34	10° 7	14°15	7°46	6°38	21°14	n.a.	M23
T 24	9 36 16	26° 6'25	19°39	9°48	4°13	26°10	1°33	1° 6	12°33	10° 7	14°13	7°39	6°34	21°20	n.a.	T 24
W25	9 40 13	27° 5'24	3♏21	9°28	5°27	25°56	1°30	1° 8	12°33	10° 6	14°11	7°35	6°31	21°27	n.a.	W25
T 26	9 44 9	28° 4'22	17°12	9°13	6°41	25°42	1°29	1°11	12°33	10° 6	14°10	7°32	6°28	21°34	n.a.	T 26
F 27	9 48 6	29° 3'17	1♐13	9° 4	7°55	25°30	1°27	1°13	12°33	10° 6	14° 8	7°D32	6°25	21°40	n.a.	F 27
S 28	9 52 3	0♓ 2'10	15♐21	9°D 1	9♓10	25♋17	1♋25	1♐15	12°D33	10♏ 6	14♍ 7	7♑32	6♑22	21♊47	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s43	25s 7	1s44	12s38	2n15	20s30	1s24	24n 5	4n41	24n36	0n50	19s 7	1n21	22n55	0n14	13s22	1n47	22n17	17n41	23s31	23s35	25n 0		n.a.
M 2	19 29	24 9	0 24	12 16	2 29	20 11	1 24	24 10	4 41	24 37	0 50	19 7	1 21	22 55	0 14	13 22	1 47	22 17	17 41	23 31	23 35	25 0		n.a.
T 3	19 14	21 29	0n57	11 56	2 43	19 52	1 25	24 16	4 41	24 37	0 50	19 8	1 21	22 55	0 14	13 22	1 47	22 18	17 42	23 31	23 35	25 0		n.a.
W 4	18 59	17 24	2 14	11 40	2 56	19 33	1 25	24 22	4 41	24 37	0 50	19 9	1 21	22 55	0 14	13 22	1 47	22 19	17 42	23 31	23 35	24 59		n.a.
T 5	18 44	12 20	3 21	11 28	3 7	19 12	1 25	24 27	4 40	24 37	0 50	19 10	1 21	22 55	0 14	13 22	1 47	22 20	17 43	23 31	23 36	24 59		n.a.
F 6	18 28	6 42	4 14	11 19	3 18	18 51	1 25	24 32	4 40	24 37	0 50	19 11	1 21	22 54	0 14	13 22	1 47	22 21	17 43	23 32	23 36	24 59		n.a.
S 7	18 12	0 53	4 51	11 15	3 27	18 30	1 25	24 37	4 39	24 37	0 50	19 12	1 21	22 54	0 14	13 22	1 47	22 22	17 43	23 32	23 36	24 59		n.a.
S 8	17 56	4n47	5 10	11 14	3 35	18 8	1 25	24 41	4 39	24 38	0 50	19 12	1 21	22 54	0 14	13 22	1 47	22 22	17 44	23 32	23 36	24 58		n.a.
M 9	17 40	10 4	5 12	11 17	3 41	17 46	1 25	24 46	4 38	24 38	0 50	19 13	1 21	22 54	0 14	13 23	1 47	22 23	17 44	23 33	23 36	24 58		n.a.
T 10	17 23	14 47	4 58	11 24	3 46	17 23	1 25	24 50	4 37	24 38	0 50	19 14	1 21	22 54	0 14	13 23	1 47	22 24	17 44	23 33	23 36	24 58		n.a.
W11	17 6	18 45	4 31	11 34	3 48	17 0	1 25	24 54	4 36	24 38	0 50	19 14	1 21	22 54	0 14	13 23	1 47	22 25	17 45	23 33	23 37	24 57		n.a.
T 12	16 48	21 50	3 53	11 48	3 49	16 36	1 25	24 58	4 35	24 38	0 50	19 15	1 21	22 54	0 14	13 23	1 47	22 26	17 45	23 33	23 37	24 57		n.a.
F 13	16 31	23 57	3 5	12 4	3 48	16 12	1 25	25 1	4 33	24 38	0 50	19 16	1 21	22 53	0 14	13 23	1 47	22 27	17 45	23 33	23 37	24 57		n.a.
S 14	16 13	24 59	2 9	12 23	3 45	15 47	1 24	25 5	4 32	24 38	0 50	19 16	1 21	22 53	0 14	13 23	1 47	22 28	17 46	23 33	23 37	24 56		n.a.
S 15	15 55	24 53	1 8	12 43	3 40	15 22	1 24	25 8	4 31	24 38	0 50	19 17	1 22	22 53	0 14	13 23	1 47	22 28	17 46	23 33	23 37	24 56		n.a.
M16	15 36	23 39	0 4	13 6	3 33	14 56	1 24	25 10	4 29	24 38	0 50	19 18	1 22	22 53	0 14	13 23	1 48	22 29	17 46	23 33	23 38	24 56		n.a.
T 17	15 18	21 20	1s 1	13 29	3 25	14 30	1 23	25 13	4 28	24 38	0 50	19 18	1 22	22 53	0 14	13 23	1 48	22 30	17 46	23 33	23 38	24 55		n.a.
W18	14 59	18 3	2 4	13 53	3 15	14 4	1 22	25 15	4 26	24 38	0 50	19 19	1 22	22 53	0 14	13 23	1 48	22 31	17 47	23 33	23 38	24 55		n.a.
T 19	14 40	13 55	3 2	14 18	3 4	13 37	1 22	25 17	4 24	24 38	0 50	19 19	1 22	22 53	0 14	13 23	1 48	22 32	17 47	23 33	23 38	24 55		n.a.
F 20	14 20	9 7	3 52	14 42	2 52	13 10	1 21	25 19	4 22	24 38	0 50	19 20	1 22	22 53	0 14	13 23	1 48	22 33	17 47	23 33	23 38	24 54		n.a.
S 21	14 1	3 52	4 32	15 6	2 39	12 43	1 20	25 21	4 21	24 38	0 50	19 20	1 22	22 53	0 14	13 23	1 48	22 33	17 47	23 34	23 38	24 54		n.a.
S 22	13 41	1s39	4 57	15 30	2 25	12 15	1 20	25 22	4 19	24 38	0 50	19 21	1 22	22 53	0 14	13 22	1 48	22 34	17 48	23 34	23 39	24 53		n.a.
M23	13 21	7 10	5 8	15 52	2 10	11 47	1 19	25 23	4 17	24 38	0 50	19 21	1 22	22 53	0 14	13 22	1 48	22 35	17 48	23 35	23 39	24 53		n.a.
T 24	13 1	12 26	5 1	16 13	1 55	11 19	1 18	25 24	4 15	24 38	0 50	19 22	1 22	22 53	0 14	13 22	1 48	22 36	17 48	23 35	23 39	24 53		n.a.
W25	12 40	17 9	4 38	16 33	1 40	10 51	1 17	25 25	4 12	24 38	0 50	19 22	1 22	22 53	0 14	13 22	1 48	22 37	17 48	23 36	23 39	24 52		n.a.
T 26	12 20	21 1	3 57	16 52	1 25	10 22	1 16	25 26	4 10	24 38	0 50	19 23	1 22	22 53	0 14	13 22	1 48	22 37	17 48	23 36	23 39	24 52		n.a.
F 27	11 59	23 42	3 3	17 8	1 10	9 53	1 15	25 26	4 8	24 38	0 50	19 23	1 22	22 53	0 14	13 22	1 48	22 38	17 49	23 36	23 39	24 51		n.a.
S 28	11s38	24s56	1s57	17s24	0n55	9s23	1s13	25n26	4n 6	24n38	0n50	19s23	1n22	22n53	0n14	13s22	1n48	22n39	17n49	23s36	23s39	24n51		n.a.

Julian Day Number = 1360952.5, Delta T = 06h59m00s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°42'02, Lahiri = -17°35'02 Julian Calendar 1 Feb. 987 BCE == Greg. Calendar 23 Jan. 987 BCE

The year -986 astronomical counting style corresponds to year 987 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 987 BCE
geocentric

MARCH 987 BCE (-986) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 55 59	1♓ 1'02	29♐37	9♒ 3	10♓24	25°R 6	1°R24	1♐17	12♊33	10°R 5	14°R 5	7♑33	6♑19	21♊54	n.a.	S 1
M 2	9 59 56	1°59'52	13♑58	9°10	11°38	24♋56	1♋23	1°19	12°33	10♏ 5	14♍ 3	7°R33	6°15	22° 0	n.a.	M 2
T 3	10 3 52	2°58'40	28°21	9°23	12°52	24°46	1°22	1°20	12°33	10° 5	14° 2	7°31	6°12	22° 7	n.a.	T 3
W 4	10 7 49	3°57'26	12♒42	9°41	14° 6	24°37	1°21	1°22	12°33	10° 4	14° 0	7°27	6° 9	22°14	n.a.	W 4
T 5	10 11 45	4°56'10	26°56	10° 3	15°20	24°29	1°21	1°24	12°34	10° 4	13°58	7°21	6° 6	22°20	n.a.	T 5
F 6	10 15 42	5°54'51	10♓57	10°30	16°34	24°21	1°20	1°25	12°34	10° 3	13°57	7°12	6° 3	22°27	n.a.	F 6
S 7	10 19 38	6°53'31	24°42	11° 1	17°48	24°15	1°D20	1°27	12°34	10° 3	13°55	7° 2	6° 0	22°34	n.a.	S 7
S 8	10 23 35	7°52'08	8♈ 6	11°36	19° 2	24° 9	1°20	1°28	12°35	10° 2	13°53	6°52	5°56	22°40	n.a.	S 8
M 9	10 27 31	8°50'44	21° 8	12°15	20°16	24° 4	1°21	1°29	12°35	10° 2	13°52	6°42	5°53	22°47	n.a.	M 9
T 10	10 31 28	9°49'17	3♉49	12°58	21°30	24° 0	1°21	1°30	12°36	10° 1	13°50	6°35	5°50	22°54	n.a.	T 10
W11	10 35 25	10°47'47	16°10	13°45	22°44	23°57	1°21	1°31	12°36	10° 1	13°48	6°30	5°47	23° 0	n.a.	W11
T 12	10 39 21	11°46'16	28°16	14°35	23°58	23°54	1°22	1°32	12°37	10° 0	13°47	6°27	5°44	23° 7	n.a.	T 12
F 13	10 43 18	12°44'42	10♊11	15°28	25°12	23°52	1°23	1°33	12°37	9°59	13°45	6°D26	5°40	23°14	n.a.	F 13
S 14	10 47 14	13°43'06	22° 0	16°24	26°26	23°51	1°24	1°34	12°38	9°59	13°43	6°26	5°37	23°20	n.a.	S 14
S 15	10 51 11	14°41'28	3♋49	17°23	27°40	23°D51	1°26	1°34	12°39	9°58	13°42	6°R26	5°34	23°27	n.a.	S 15
M16	10 55 7	15°39'48	15°42	18°25	28°54	23°51	1°27	1°35	12°40	9°57	13°40	6°26	5°31	23°33	n.a.	M16
T 17	10 59 4	16°38'05	27°46	19°30	0♈ 7	23°53	1°29	1°35	12°41	9°57	13°38	6°24	5°28	23°40	n.a.	T 17
W18	11 3 0	17°36'21	10♌ 3	20°38	1°21	23°55	1°31	1°36	12°42	9°56	13°37	6°20	5°25	23°47	n.a.	W18
T 19	11 6 57	18°34'34	22°38	21°47	2°35	23°57	1°33	1°36	12°43	9°55	13°35	6°13	5°21	23°53	n.a.	T 19
F 20	11 10 54	19°32'45	5♍31	23° 0	3°49	24° 1	1°35	1°36	12°44	9°54	13°33	6° 3	5°18	24° 0	n.a.	F 20
S 21	11 14 50	20°30'54	18°44	24°14	5° 2	24° 5	1°37	1°R36	12°45	9°53	13°31	5°52	5°15	24° 7	n.a.	S 21
S 22	11 18 47	21°29'01	2♎13	25°31	6°16	24°10	1°40	1°36	12°46	9°52	13°30	5°40	5°12	24°13	n.a.	S 22
M23	11 22 43	22°27'06	15°58	26°50	7°30	24°15	1°43	1°36	12°47	9°51	13°28	5°29	5° 9	24°20	n.a.	M23
T 24	11 26 40	23°25'10	29°53	28°12	8°43	24°21	1°46	1°35	12°48	9°50	13°26	5°19	5° 5	24°27	n.a.	T 24
W25	11 30 36	24°23'12	13♏56	29°35	9°57	24°28	1°49	1°35	12°50	9°49	13°25	5°12	5° 2	24°33	n.a.	W25
T 26	11 34 33	25°21'13	28° 3	1♓ 0	11°10	24°36	1°52	1°35	12°51	9°48	13°23	5° 7	4°59	24°40	n.a.	T 26
F 27	11 38 29	26°19'12	12♐11	2°28	12°24	24°44	1°56	1°34	12°52	9°47	13°22	5° 5	4°56	24°47	n.a.	F 27
S 28	11 42 26	27°17'10	26°19	3°58	13°38	24°52	1°59	1°34	12°54	9°46	13°20	5° 4	4°53	24°53	n.a.	S 28
S 29	11 46 22	28°15'06	10♑25	5°29	14°51	25° 2	2° 3	1°33	12°55	9°45	13°18	5° 4	4°50	25° 0	n.a.	S 29
M30	11 50 19	29°13'01	24°29	7° 3	16° 5	25°12	2° 7	1°32	12°57	9°44	13°17	5° 3	4°46	25° 7	n.a.	M30
T 31	11 54 16	0♈10'55	8♒30	8♓38	17♈18	25♋22	2♋11	1♐31	12♊58	9♏43	13♍15	5♑ 1	4♑43	25♊13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	11s17	24s31	0s43	17s37	0n41	8s54	1s12	25n26	4n 3	24n38	0n50	19s24	1n22	22n53	0n14	13s22	1n48	22n40	17n49	23s36	23s40	24n51			n.a.
M 2	10 56	22 30	0n34	17 49	0 26	8 24	1 11	25 26	4 1	24 38	0 50	19 24	1 22	22 53	0 14	13 22	1 48	22 41	17 49	23 36	23 40	24 50			n.a.
T 3	10 34	19 2	1 49	17 59	0 12	7 54	1 9	25 25	3 59	24 38	0 50	19 24	1 23	22 53	0 14	13 21	1 48	22 41	17 49	23 36	23 40	24 50			n.a.
W 4	10 13	14 26	2 57	18 7	0s 1	7 24	1 8	25 24	3 56	24 38	0 50	19 24	1 23	22 53	0 14	13 21	1 48	22 42	17 49	23 36	23 40	24 49			n.a.
T 5	9 51	9 5	3 53	18 14	0 14	6 53	1 7	25 23	3 54	24 38	0 50	19 25	1 23	22 53	0 14	13 21	1 48	22 43	17 49	23 36	23 40	24 49			n.a.
F 6	9 29	3 22	4 34	18 18	0 27	6 23	1 5	25 22	3 51	24 38	0 50	19 25	1 23	22 53	0 14	13 21	1 48	22 44	17 49	23 37	23 40	24 48			n.a.
S 7	9 7	2n24	4 58	18 21	0 39	5 52	1 3	25 21	3 49	24 38	0 50	19 25	1 23	22 53	0 14	13 21	1 49	22 44	17 50	23 37	23 41	24 48			n.a.
S 8	8 45	7 54	5 4	18 22	0 50	5 21	1 2	25 20	3 46	24 38	0 50	19 25	1 23	22 53	0 14	13 20	1 49	22 45	17 50	23 38	23 41	24 47			n.a.
M 9	8 23	12 55	4 55	18 22	1 1	4 50	1 0	25 18	3 44	24 38	0 50	19 26	1 23	22 53	0 14	13 20	1 49	22 46	17 50	23 38	23 41	24 47			n.a.
T 10	8 0	17 13	4 31	18 19	1 11	4 19	0 58	25 17	3 41	24 38	0 50	19 26	1 23	22 53	0 14	13 20	1 49	22 47	17 50	23 39	23 41	24 46			n.a.
W11	7 38	20 41	3 55	18 15	1 21	3 47	0 57	25 15	3 39	24 38	0 50	19 26	1 23	22 53	0 13	13 20	1 49	22 47	17 50	23 39	23 41	24 46			n.a.
T 12	7 15	23 9	3 9	18 9	1 30	3 16	0 55	25 13	3 36	24 38	0 50	19 26	1 23	22 53	0 13	13 19	1 49	22 48	17 50	23 39	23 41	24 45			n.a.
F 13	6 53	24 33	2 15	18 1	1 39	2 45	0 53	25 10	3 34	24 38	0 50	19 26	1 23	22 53	0 13	13 19	1 49	22 49	17 50	23 39	23 41	24 45			n.a.
S 14	6 30	24 50	1 16	17 51	1 46	2 13	0 51	25 8	3 31	24 38	0 50	19 26	1 23	22 53	0 13	13 19	1 49	22 49	17 50	23 39	23 42	24 44			n.a.
S 15	6 7	23 59	0 14	17 40	1 54	1 42	0 49	25 6	3 29	24 38	0 50	19 26	1 23	22 53	0 13	13 19	1 49	22 50	17 50	23 39	23 42	24 44			n.a.
M16	5 44	22 3	0s49	17 27	2 1	1 10	0 47	25 3	3 26	24 38	0 50	19 26	1 23	22 54	0 13	13 18	1 49	22 51	17 50	23 39	23 42	24 43			n.a.
T 17	5 21	19 7	1 51	17 12	2 7	0 38	0 45	25 0	3 24	24 38	0 50	19 26	1 24	22 54	0 13	13 18	1 49	22 51	17 50	23 39	23 42	24 43			n.a.
W18	4 58	15 18	2 49	16 56	2 12	0 7	0 43	24 58	3 21	24 38	0 49	19 26	1 24	22 54	0 13	13 18	1 49	22 52	17 50	23 40	23 42	24 42			n.a.
T 19	4 35	10 44	3 39	16 37	2 17	0n25	0 41	24 55	3 19	24 38	0 49	19 26	1 24	22 54	0 13	13 18	1 49	22 53	17 50	23 40	23 42	24 42			n.a.
F 20	4 12	5 36	4 20	16 17	2 22	0 57	0 39	24 51	3 16	24 38	0 49	19 26	1 24	22 54	0 13	13 17	1 49	22 53	17 50	23 40	23 42	24 41			n.a.
S 21	3 49	0 7	4 48	15 56	2 25	1 28	0 37	24 48	3 14	24 38	0 49	19 26	1 24	22 54	0 13	13 17	1 49	22 54	17 50	23 41	23 42	24 41			n.a.
S 22	3 26	5s29	5 1	15 32	2 29	2 0	0 34	24 45	3 11	24 37	0 49	19 26	1 24	22 54	0 13	13 17	1 49	22 54	17 50	23 41	23 43	24 40			n.a.
M23	3 2	10 55	4 56	15 7	2 31	2 32	0 32	24 42	3 9	24 37	0 49	19 26	1 24	22 54	0 13	13 16	1 49	22 55	17 49	23 42	23 43	24 39			n.a.
T 24	2 39	15 52	4 34	14 41	2 33	3 3	0 30	24 38	3 6	24 37	0 49	19 26	1 24	22 55	0 13	13 16	1 49	22 56	17 49	23 42	23 43	24 39			n.a.
W25	2 16	20 1	3 56	14 12	2 35	3 35	0 28	24 34	3 4	24 37	0 49	19 26	1 24	22 55	0 13	13 16	1 49	22 56	17 49	23 43	23 43	24 38			n.a.
T 26	1 52	23 0	3 3	13 42	2 36	4 6	0 25	24 31	3 1	24 37	0 49	19 26	1 24	22 55	0 13	13 15	1 49	22 57	17 49	23 43	23 43	24 38			n.a.
F 27	1 29	24 33	1 58	13 10	2 36	4 37	0 23	24 27	2 59	24 37	0 49	19 25	1 24	22 55	0 13	13 15	1 49	22 57	17 49	23 43	23 43	24 37			n.a.
S 28	1 6	24 32	0 46	12 37	2 36	5 9	0 20	24 23	2 56	24 37	0 49	19 25	1 24	22 55	0 13	13 14	1 49	22 58	17 49	23 43	23 43	24 36			n.a.
S 29	0 42	22 56	0n28	12 2	2 35	5 40	0 18	24 19	2 54	24 37	0 49	19 25	1 24	22 56	0 13	13 14	1 49	22 58	17 49	23 43	23 43	24 36			n.a.
M30	0 19	19 54	1 41	11 25	2 33	6 11	0 16	24 14	2 52	24 37	0 49	19 25	1 24	22 56	0 13	13 14	1 50	22 59	17 49	23 43	23 44	24 35			n.a.
T 31	0n 4	15s44	2n47	10s47	2s31	6n42	0s13	24n10	2n49	24n37	0n49	19s25	1n24	22n56	0n13	13s13	1n50	22n59	17n48	23s43	23s44	24n35			n.a.

Julian Day Number = 1360980.5, Delta T = 06h58m59s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°41'58, Lahiri = -17°34'58 Julian Calendar 1 March 987 BCE == Greg. Calendar 20 Feb. 987 BCE

The year -986 astronomical counting style corresponds to year 987 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 987 BCE
geocentric

APRIL 987 BCE (-986) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 58 12	1♈ 8'47	22♒25	10♓16	18♈31	25♋33	2♋15	1°R30	13♊ 0	9°R42	13°R13	4°R55	4♉40	25♊20	n.a.	W 1
T 2	12 2 9	2° 6'37	6♓13	11°55	19°45	25°45	2°20	1♐29	13° 2	9♏41	13♍12	4♉47	4°37	25°26	n.a.	T 2
F 3	12 6 5	3° 4'26	19°51	13°37	20°58	25°57	2°24	1°28	13° 3	9°39	13°10	4°36	4°34	25°33	n.a.	F 3
S 4	12 10 2	4° 2'14	3♈15	15°20	22°12	26°10	2°29	1°26	13° 5	9°38	13° 9	4°23	4°31	25°40	n.a.	S 4
S 5	12 13 58	5° 0'00	16°24	17° 6	23°25	26°24	2°34	1°25	13° 7	9°37	13° 7	4°11	4°27	25°46	n.a.	S 5
M 6	12 17 55	5°57'44	29°15	18°53	24°38	26°38	2°39	1°24	13° 9	9°36	13° 6	3°59	4°24	25°53	n.a.	M 6
T 7	12 21 51	6°55'27	11♉48	20°42	25°52	26°52	2°44	1°22	13°11	9°34	13° 4	3°49	4°21	26° 0	n.a.	T 7
W 8	12 25 48	7°53'08	24° 6	22°33	27° 5	27° 7	2°50	1°20	13°13	9°33	13° 3	3°41	4°18	26° 6	n.a.	W 8
T 9	12 29 45	8°50'48	6♊10	24°27	28°18	27°23	2°55	1°19	13°15	9°32	13° 1	3°37	4°15	26°13	n.a.	T 9
F 10	12 33 41	9°48'26	18° 3	26°22	29°31	27°39	3° 1	1°17	13°17	9°30	13° 0	3°34	4°11	26°20	n.a.	F 10
S 11	12 37 38	10°46'02	29°52	28°19	0♉45	27°55	3° 7	1°15	13°19	9°29	12°58	3°D33	4° 8	26°26	n.a.	S 11
S 12	12 41 34	11°43'37	11♋41	0♈18	1°58	28°12	3°13	1°13	13°21	9°28	12°57	3°R33	4° 5	26°33	n.a.	S 12
M13	12 45 31	12°41'10	23°35	2°18	3°11	28°29	3°19	1°11	13°23	9°26	12°55	3°33	4° 2	26°40	n.a.	M13
T 14	12 49 27	13°38'42	5♌40	4°21	4°24	28°47	3°25	1° 8	13°25	9°25	12°54	3°31	3°59	26°46	n.a.	T 14
W15	12 53 24	14°36'11	18° 1	6°25	5°37	29° 6	3°32	1° 6	13°27	9°24	12°53	3°27	3°56	26°53	n.a.	W15
T 16	12 57 20	15°33'40	0♍42	8°31	6°50	29°24	3°38	1° 4	13°30	9°22	12°51	3°21	3°52	27° 0	n.a.	T 16
F 17	13 1 17	16°31'07	13°46	10°38	8° 3	29°44	3°45	1° 1	13°32	9°21	12°50	3°12	3°49	27° 6	n.a.	F 17
S 18	13 5 14	17°28'32	27°13	12°46	9°16	0♌ 3	3°52	0°59	13°34	9°19	12°49	3° 2	3°46	27°13	n.a.	S 18
S 19	13 9 10	18°25'56	11♎ 2	14°56	10°29	0°23	3°59	0°56	13°37	9°18	12°47	2°51	3°43	27°19	n.a.	S 19
M20	13 13 7	19°23'20	25° 9	17° 6	11°42	0°44	4° 6	0°54	13°39	9°16	12°46	2°40	3°40	27°26	n.a.	M20
T 21	13 17 3	20°20'42	9♏30	19°17	12°55	1° 4	4°13	0°51	13°42	9°15	12°45	2°30	3°36	27°33	n.a.	T 21
W22	13 21 0	21°18'03	23°58	21°28	14° 8	1°26	4°20	0°48	13°44	9°13	12°44	2°23	3°33	27°39	n.a.	W22
T 23	13 24 56	22°15'23	8♐28	23°40	15°21	1°47	4°28	0°45	13°47	9°12	12°42	2°19	3°30	27°46	n.a.	T 23
F 24	13 28 53	23°12'43	22°54	25°51	16°33	2° 9	4°35	0°42	13°49	9°10	12°41	2°17	3°27	27°53	n.a.	F 24
S 25	13 32 49	24°10'01	7♑12	28° 2	17°46	2°31	4°43	0°39	13°52	9° 9	12°40	2°D17	3°24	27°59	n.a.	S 25
S 26	13 36 46	25° 7'19	21°21	0♉13	18°59	2°54	4°51	0°36	13°55	9° 7	12°39	2°R17	3°21	28° 6	n.a.	S 26
M27	13 40 43	26° 4'37	5♒20	2°22	20°12	3°17	4°59	0°33	13°58	9° 6	12°38	2°17	3°17	28°13	n.a.	M27
T 28	13 44 39	27° 1'54	19° 8	4°31	21°24	3°40	5° 7	0°30	14° 0	9° 4	12°37	2°15	3°14	28°19	n.a.	T 28
W29	13 48 36	27°59'10	2♓45	6°38	22°37	4° 4	5°15	0°26	14° 3	9° 2	12°36	2°11	3°11	28°26	n.a.	W29
T 30	13 52 32	28♈56'25	16♓11	8♉43	23♉50	4♌28	5♋24	0♐23	14♊ 6	9♏ 1	12♍35	2♑ 4	3♑ 8	28♊33	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n28	10s45	3n42	10s 7	2s29	7n12	0s11	24n 6	2n47	24n37	0n49	19s24	1n24	22n56	0n13	13s13	1n50	23n 0	17n48	23s43	23s44	24n34		n.a.
T 2	0 51	5 17	4 24	9 26	2 26	7 43	0 8	24 1	2 45	24 36	0 49	19 24	1 24	22 56	0 13	13 12	1 50	23 0	17 48	23 44	23 44	24 33		n.a.
F 3	1 14	0n22	4 51	8 43	2 22	8 13	0 6	23 56	2 42	24 36	0 49	19 24	1 25	22 57	0 13	13 12	1 50	23 1	17 48	23 44	23 44	24 33		n.a.
S 4	1 38	5 53	5 0	7 58	2 18	8 44	0 3	23 52	2 40	24 36	0 49	19 23	1 25	22 57	0 13	13 12	1 50	23 1	17 48	23 44	23 44	24 32		n.a.
S 5	2 1	11 3	4 54	7 12	2 13	9 14	0 0	23 47	2 38	24 36	0 49	19 23	1 25	22 57	0 13	13 11	1 50	23 2	17 47	23 45	23 44	24 31		n.a.
M 6	2 24	15 36	4 32	6 25	2 7	9 43	0n 2	23 42	2 35	24 36	0 49	19 23	1 25	22 57	0 13	13 11	1 50	23 2	17 47	23 45	23 44	24 31		n.a.
T 7	2 47	19 22	3 58	5 36	2 2	10 13	0 5	23 37	2 33	24 36	0 49	19 22	1 25	22 57	0 13	13 10	1 50	23 2	17 47	23 45	23 44	24 30		n.a.
W 8	3 11	22 12	3 13	4 45	1 55	10 42	0 7	23 32	2 31	24 36	0 49	19 22	1 25	22 58	0 13	13 10	1 50	23 3	17 47	23 46	23 45	24 29		n.a.
T 9	3 34	23 58	2 20	3 54	1 48	11 11	0 10	23 26	2 29	24 35	0 49	19 22	1 25	22 58	0 13	13 9	1 50	23 3	17 46	23 46	23 45	24 29		n.a.
F 10	3 57	24 37	1 21	3 0	1 41	11 40	0 12	23 21	2 27	24 35	0 49	19 21	1 25	22 58	0 13	13 9	1 50	23 3	17 46	23 46	23 45	24 28		n.a.
S 11	4 20	24 8	0 20	2 6	1 33	12 9	0 15	23 16	2 24	24 35	0 48	19 21	1 25	22 58	0 13	13 9	1 50	23 4	17 46	23 46	23 45	24 27		n.a.
S 12	4 42	22 35	0s43	1 10	1 25	12 37	0 18	23 10	2 22	24 35	0 48	19 20	1 25	22 59	0 13	13 8	1 50	23 4	17 46	23 46	23 45	24 27		n.a.
M13	5 5	20 0	1 44	0 14	1 16	13 5	0 20	23 4	2 20	24 35	0 48	19 20	1 25	22 59	0 13	13 8	1 50	23 4	17 45	23 46	23 45	24 26		n.a.
T 14	5 28	16 32	2 42	0n44	1 7	13 33	0 23	22 58	2 18	24 34	0 48	19 19	1 25	22 59	0 13	13 7	1 50	23 5	17 45	23 46	23 45	24 25		n.a.
W15	5 51	12 18	3 33	1 43	0 57	14 0	0 25	22 53	2 16	24 34	0 48	19 19	1 25	23 0	0 13	13 7	1 50	23 5	17 45	23 46	23 45	24 25		n.a.
T 16	6 13	7 26	4 15	2 42	0 47	14 27	0 28	22 47	2 14	24 34	0 48	19 18	1 25	23 0	0 13	13 6	1 50	23 5	17 44	23 46	23 45	24 24		n.a.
F 17	6 36	2 7	4 45	3 42	0 37	14 53	0 31	22 40	2 12	24 34	0 48	19 18	1 25	23 0	0 13	13 6	1 50	23 5	17 44	23 46	23 45	24 23		n.a.
S 18	6 58	3s27	5 0	4 42	0 27	15 20	0 33	22 34	2 10	24 34	0 48	19 17	1 25	23 0	0 13	13 5	1 50	23 6	17 44	23 47	23 46	24 22		n.a.
S 19	7 20	9 0	4 59	5 43	0 16	15 46	0 36	22 28	2 8	24 33	0 48	19 17	1 25	23 1	0 13	13 5	1 50	23 6	17 43	23 47	23 46	24 22		n.a.
M20	7 42	14 12	4 39	6 44	0 6	16 11	0 38	22 21	2 6	24 33	0 48	19 16	1 25	23 1	0 13	13 4	1 50	23 6	17 43	23 47	23 46	24 21		n.a.
T 21	8 4	18 42	4 2	7 44	0n 5	16 36	0 41	22 15	2 4	24 33	0 48	19 16	1 25	23 1	0 13	13 4	1 50	23 6	17 43	23 47	23 46	24 20		n.a.
W22	8 26	22 6	3 9	8 44	0 15	17 1	0 43	22 8	2 2	24 33	0 48	19 15	1 25	23 2	0 13	13 3	1 50	23 6	17 42	23 47	23 46	24 19		n.a.
T 23	8 48	24 5	2 3	9 43	0 26	17 25	0 46	22 1	2 0	24 32	0 48	19 14	1 25	23 2	0 13	13 3	1 50	23 6	17 42	23 48	23 46	24 19		n.a.
F 24	9 9	24 27	0 50	10 42	0 36	17 49	0 48	21 54	1 58	24 32	0 48	19 14	1 25	23 2	0 13	13 2	1 50	23 7	17 41	23 48	23 46	24 18		n.a.
S 25	9 31	23 11	0n26	11 39	0 46	18 12	0 51	21 47	1 56	24 32	0 48	19 13	1 25	23 3	0 13	13 2	1 50	23 7	17 41	23 48	23 46	24 17		n.a.
S 26	9 52	20 27	1 40	12 35	0 55	18 35	0 53	21 40	1 54	24 31	0 48	19 12	1 25	23 3	0 13	13 1	1 50	23 7	17 41	23 48	23 46	24 16		n.a.
M27	10 13	16 33	2 46	13 30	1 5	18 58	0 56	21 33	1 53	24 31	0 48	19 12	1 25	23 3	0 13	13 1	1 50	23 7	17 40	23 48	23 46	24 15		n.a.
T 28	10 34	11 48	3 43	14 22	1 13	19 20	0 58	21 26	1 51	24 31	0 48	19 11	1 25	23 4	0 13	13 0	1 50	23 7	17 40	23 48	23 46	24 15		n.a.
W29	10 55	6 32	4 25	15 13	1 22	19 41	1 0	21 18	1 49	24 30	0 48	19 10	1 25	23 4	0 13	13 0	1 50	23 7	17 39	23 48	23 46	24 14		n.a.
T 30	11n16	1s 3	4n52	16n 2	1n29	20n 2	1n 3	21n10	1n47	24n30	0n48	19s10	1n25	23n 4	0n13	12s59	1n50	23n 7	17n39	23s48	23s47	24n13		n.a.

Julian Day Number = 1361011.5, Delta T = 06h58m57s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°41'54, Lahiri = -17°34'54 Julian Calendar 1 Apr. 987 BCE == Greg. Calendar 23 March 987 BCE

The year -986 astronomical counting style corresponds to year 987 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 987 BCE
geocentric

MAY 987 BCE (-986) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 56 29	29♈53'40	29♓25	10♉46	25♉ 2	4♌52	5♋32	0°R20	14♊ 9	8°R59	12°R34	1°R55	3♑ 5	28♊39	n.a.	F 1
S 2	14 0 25	0♉50'55	12♈26	12°48	26°15	5°17	5°41	0♐16	14°12	8♏58	12♍33	1♑45	3° 2	28°46	n.a.	S 2
S 3	14 4 22	1°48'08	25°14	14°48	27°27	5°42	5°49	0°13	14°14	8°56	12°32	1°35	2°58	28°53	n.a.	S 3
M 4	14 8 18	2°45'21	7♉49	16°45	28°40	6° 7	5°58	0° 9	14°17	8°54	12°31	1°25	2°55	28°59	n.a.	M 4
T 5	14 12 15	3°42'34	20°10	18°40	29°53	6°33	6° 7	0° 5	14°20	8°53	12°30	1°17	2°52	29° 6	n.a.	T 5
W 6	14 16 12	4°39'45	2♊19	20°33	1♊ 5	6°59	6°16	0° 2	14°23	8°51	12°29	1°10	2°49	29°12	n.a.	W 6
T 7	14 20 8	5°36'56	14°18	22°24	2°17	7°25	6°25	29♏58	14°26	8°50	12°28	1° 7	2°46	29°19	n.a.	T 7
F 8	14 24 5	6°34'06	26° 9	24°12	3°30	7°52	6°34	29°54	14°29	8°48	12°27	1°D 5	2°42	29°26	n.a.	F 8
S 9	14 28 1	7°31'16	7♋56	25°58	4°42	8°18	6°44	29°50	14°33	8°46	12°27	1° 5	2°39	29°32	n.a.	S 9
S 10	14 31 58	8°28'25	19°44	27°41	5°55	8°46	6°53	29°46	14°36	8°45	12°26	1° 6	2°36	29°39	n.a.	S 10
M11	14 35 54	9°25'33	1♌38	29°22	7° 7	9°13	7° 2	29°42	14°39	8°43	12°25	1° 7	2°33	29°46	n.a.	M11
T 12	14 39 51	10°22'40	13°42	1♊ 1	8°19	9°40	7°12	29°38	14°42	8°42	12°24	1°R 7	2°30	29°52	n.a.	T 12
W13	14 43 47	11°19'46	26° 3	2°37	9°31	10° 8	7°22	29°34	14°45	8°40	12°24	1° 6	2°27	29°59	n.a.	W13
T 14	14 47 44	12°16'52	8♍45	4°10	10°44	10°36	7°32	29°30	14°48	8°38	12°23	1° 3	2°23	0♋ 6	n.a.	T 14
F 15	14 51 41	13°13'57	21°51	5°41	11°56	11° 5	7°41	29°26	14°52	8°37	12°22	0°58	2°20	0°12	n.a.	F 15
S 16	14 55 37	14°11'02	5♎23	7°10	13° 8	11°33	7°51	29°22	14°55	8°35	12°22	0°52	2°17	0°19	n.a.	S 16
S 17	14 59 34	15° 8'06	19°21	8°36	14°20	12° 2	8° 1	29°18	14°58	8°33	12°21	0°45	2°14	0°26	n.a.	S 17
M18	15 3 30	16° 5'10	3♏43	9°59	15°32	12°31	8°12	29°13	15° 1	8°32	12°21	0°38	2°11	0°32	n.a.	M18
T 19	15 7 27	17° 2'14	18°22	11°19	16°44	13° 1	8°22	29° 9	15° 5	8°30	12°20	0°32	2° 8	0°39	n.a.	T 19
W20	15 11 23	17°59'17	3♐12	12°37	17°56	13°30	8°32	29° 5	15° 8	8°29	12°20	0°28	2° 4	0°45	n.a.	W20
T 21	15 15 20	18°56'21	18° 5	13°53	19° 8	14° 0	8°43	29° 1	15°11	8°27	12°19	0°26	2° 1	0°52	n.a.	T 21
F 22	15 19 17	19°53'25	2♑53	15° 5	20°20	14°30	8°53	28°56	15°15	8°26	12°19	0°D25	1°58	0°59	n.a.	F 22
S 23	15 23 13	20°50'29	17°30	16°15	21°32	15° 0	9° 4	28°52	15°18	8°24	12°19	0°26	1°55	1° 5	n.a.	S 23
S 24	15 27 10	21°47'32	1♒51	17°22	22°44	15°31	9°14	28°48	15°22	8°22	12°18	0°27	1°52	1°12	n.a.	S 24
M25	15 31 6	22°44'37	15°55	18°26	23°55	16° 1	9°25	28°43	15°25	8°21	12°18	0°28	1°48	1°19	n.a.	M25
T 26	15 35 3	23°41'41	29°42	19°26	25° 7	16°32	9°36	28°39	15°29	8°19	12°18	0°R28	1°45	1°25	n.a.	T 26
W27	15 38 59	24°38'46	13♓10	20°24	26°19	17° 3	9°47	28°35	15°32	8°18	12°18	0°27	1°42	1°32	n.a.	W27
T 28	15 42 56	25°35'51	26°22	21°18	27°30	17°34	9°58	28°30	15°36	8°16	12°18	0°24	1°39	1°39	n.a.	T 28
F 29	15 46 52	26°32'57	9♈18	22° 9	28°42	18° 6	10° 9	28°26	15°39	8°15	12°17	0°19	1°36	1°45	n.a.	F 29
S 30	15 50 49	27°30'03	22° 0	22°57	29°54	18°37	10°20	28°21	15°43	8°13	12°17	0°14	1°33	1°52	n.a.	S 30
S 31	15 54 46	28♉27'09	4♉30	23♊41	1♋ 5	19♌ 9	10♋31	28♏17	15♊46	8♏12	12♍17	0♑ 9	1♑29	1♋59	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n37	4n23	5n 4	16n49	1n37	20n22	1n 5	21n 3	1n45	24n30	0n48	19s 9	1n25	23n 5	0n13	12s59	1n50	23n 7	17n39	23s48	23s47	24n12		n.a.
S 2	11 57	9 33	4 59	17 33	1 43	20 42	1 7	20 55	1 44	24 29	0 48	19 8	1 25	23 5	0 13	12 58	1 50	23 7	17 38	23 48	23 47	24 11		n.a.
S 3	12 17	14 13	4 39	18 15	1 49	21 1	1 9	20 47	1 42	24 29	0 48	19 7	1 25	23 5	0 13	12 58	1 50	23 7	17 38	23 48	23 47	24 11		n.a.
M 4	12 37	18 12	4 6	18 55	1 54	21 20	1 12	20 39	1 40	24 28	0 48	19 7	1 25	23 6	0 13	12 57	1 50	23 7	17 37	23 48	23 47	24 10		n.a.
T 5	12 57	21 17	3 21	19 33	1 59	21 38	1 14	20 31	1 38	24 28	0 48	19 6	1 25	23 6	0 13	12 57	1 50	23 7	17 37	23 48	23 47	24 9		n.a.
W 6	13 17	23 22	2 28	20 8	2 2	21 56	1 16	20 22	1 37	24 27	0 48	19 5	1 25	23 6	0 13	12 56	1 50	23 7	17 36	23 48	23 47	24 8		n.a.
T 7	13 36	24 21	1 29	20 40	2 5	22 13	1 18	20 14	1 35	24 27	0 48	19 4	1 25	23 7	0 13	12 56	1 50	23 7	17 36	23 49	23 47	24 7		n.a.
F 8	13 55	24 12	0 27	21 11	2 8	22 29	1 20	20 5	1 33	24 26	0 48	19 3	1 25	23 7	0 13	12 55	1 50	23 6	17 35	23 49	23 47	24 6		n.a.
S 9	14 14	22 58	0s37	21 38	2 9	22 45	1 22	19 57	1 32	24 26	0 48	19 3	1 25	23 7	0 13	12 55	1 50	23 6	17 35	23 49	23 47	24 6		n.a.
S 10	14 33	20 42	1 39	22 4	2 10	23 0	1 24	19 48	1 30	24 25	0 48	19 2	1 25	23 8	0 13	12 54	1 50	23 6	17 34	23 49	23 47	24 5		n.a.
M11	14 51	17 33	2 37	22 27	2 11	23 15	1 26	19 39	1 28	24 25	0 48	19 1	1 25	23 8	0 13	12 53	1 50	23 6	17 34	23 48	23 47	24 4		n.a.
T 12	15 10	13 38	3 29	22 48	2 10	23 28	1 27	19 30	1 27	24 24	0 48	19 0	1 25	23 9	0 13	12 53	1 50	23 6	17 33	23 48	23 47	24 3		n.a.
W13	15 28	9 4	4 13	23 7	2 9	23 42	1 29	19 21	1 25	24 24	0 48	18 59	1 25	23 9	0 13	12 52	1 50	23 6	17 33	23 49	23 47	24 2		n.a.
T 14	15 46	4 1	4 46	23 23	2 7	23 54	1 31	19 11	1 23	24 23	0 48	18 58	1 25	23 9	0 13	12 52	1 50	23 5	17 32	23 49	23 47	24 1		n.a.
F 15	16 3	1s22	5 5	23 38	2 5	24 6	1 32	19 2	1 22	24 23	0 48	18 58	1 25	23 10	0 13	12 51	1 50	23 5	17 32	23 49	23 48	24 0		n.a.
S 16	16 21	6 52	5 8	23 50	2 1	24 17	1 34	18 52	1 20	24 22	0 48	18 57	1 25	23 10	0 13	12 51	1 50	23 5	17 31	23 49	23 48	23 59		n.a.
S 17	16 38	12 11	4 53	24 1	1 57	24 27	1 36	18 43	1 19	24 21	0 48	18 56	1 25	23 10	0 13	12 50	1 50	23 5	17 31	23 49	23 48	23 58		n.a.
M18	16 55	17 0	4 19	24 9	1 53	24 37	1 37	18 33	1 17	24 21	0 47	18 55	1 25	23 11	0 13	12 50	1 50	23 4	17 30	23 49	23 48	23 58		n.a.
T 19	17 11	20 53	3 28	24 16	1 48	24 46	1 38	18 23	1 16	24 20	0 47	18 54	1 25	23 11	0 13	12 49	1 50	23 4	17 30	23 49	23 48	23 57		n.a.
W20	17 27	23 27	2 22	24 21	1 42	24 55	1 40	18 13	1 14	24 19	0 47	18 53	1 25	23 12	0 13	12 49	1 50	23 4	17 29	23 49	23 48	23 56		n.a.
T 21	17 43	24 22	1 7	24 24	1 36	25 2	1 41	18 3	1 13	24 19	0 47	18 52	1 25	23 12	0 13	12 48	1 50	23 3	17 29	23 49	23 48	23 55		n.a.
F 22	17 59	23 33	0n13	24 26	1 28	25 9	1 42	17 52	1 11	24 18	0 47	18 51	1 25	23 12	0 13	12 48	1 50	23 3	17 28	23 49	23 48	23 54		n.a.
S 23	18 15	21 8	1 32	24 26	1 21	25 15	1 43	17 42	1 10	24 17	0 47	18 50	1 25	23 13	0 14	12 47	1 50	23 3	17 27	23 49	23 48	23 53		n.a.
S 24	18 30	17 25	2 43	24 24	1 12	25 21	1 44	17 31	1 8	24 16	0 47	18 50	1 25	23 13	0 14	12 47	1 50	23 2	17 27	23 49	23 48	23 52		n.a.
M25	18 45	12 46	3 43	24 21	1 4	25 26	1 45	17 21	1 7	24 16	0 47	18 49	1 25	23 13	0 14	12 46	1 50	23 2	17 26	23 49	23 48	23 51		n.a.
T 26	18 59	7 35	4 28	24 17	0 54	25 30	1 46	17 10	1 5	24 15	0 47	18 48	1 25	23 14	0 14	12 46	1 50	23 2	17 26	23 49	23 48	23 50		n.a.
W27	19 14	2 8	4 58	24 12	0 44	25 33	1 47	16 59	1 4	24 14	0 47	18 47	1 25	23 14	0 14	12 45	1 50	23 1	17 25	23 49	23 48	23 49		n.a.
T 28	19 28	3n17	5 11	24 5	0 34	25 35	1 48	16 48	1 2	24 13	0 47	18 46	1 24	23 15	0 14	12 45	1 50	23 1	17 25	23 49	23 48	23 48		n.a.
F 29	19 41	8 27	5 8	23 57	0 22	25 37	1 49	16 37	1 1	24 12	0 47	18 45	1 24	23 15	0 14	12 45	1 50	23 0	17 24	23 49	23 48	23 47		n.a.
S 30	19 55	13 10	4 50	23 48	0 11	25 38	1 49	16 25	1 0	24 12	0 47	18 44	1 24	23 15	0 14	12 44	1 50	23 0	17 23	23 49	23 48	23 46		n.a.
S 31	20n 8	17n15	4n18	23n38	0s 1	25n38	1n50	16n14	0n58	24n11	0n47	18s43	1n24	23n16	0n14	12s44	1n50	22n59	17n23	23s49	23s48	23n45		n.a.

Julian Day Number = 1361041.5, Delta T = 06h58m55s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°41'50, Lahiri = -17°34'50 Julian Calendar 1 May 987 BCE == Greg. Calendar 22 Apr. 987 BCE

The year -986 astronomical counting style corresponds to year 987 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 987 BCE
geocentric

JUNE 987 BCE (-986) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 58 42	29♉24'16	16♉48	24♊21	2♋17	19♌41	10♋42	28°R13	15♊50	8°R10	12°R17	0°R 4	1♂26	2♋ 5	n.a.	M 1
T 2	16 2 39	0♊21'23	28°56	24°57	3°28	20°14	10°54	28♏ 8	15°53	8♏ 9	12°D17	29♐59	1°23	2°12	n.a.	T 2
W 3	16 6 35	1°18'30	10♊55	25°30	4°40	20°46	11° 5	28° 4	15°57	8° 7	12♍17	29°57	1°20	2°19	n.a.	W 3
T 4	16 10 32	2°15'38	22°47	25°58	5°51	21°19	11°16	27°59	16° 0	8° 6	12°17	29°55	1°17	2°25	n.a.	T 4
F 5	16 14 28	3°12'46	4♋35	26°22	7° 2	21°51	11°28	27°55	16° 4	8° 4	12°17	29°D55	1°14	2°32	n.a.	F 5
S 6	16 18 25	4° 9'54	16°21	26°41	8°14	22°24	11°39	27°51	16° 8	8° 3	12°17	29°56	1°10	2°38	n.a.	S 6
S 7	16 22 22	5° 7'03	28°10	26°56	9°25	22°58	11°51	27°46	16°11	8° 2	12°18	29°58	1° 7	2°45	n.a.	S 7
M 8	16 26 18	6° 4'12	10♌ 4	27° 7	10°36	23°31	12° 3	27°42	16°15	8° 0	12°18	29°59	1° 4	2°52	n.a.	M 8
T 9	16 30 15	7° 1'21	22° 9	27°12	11°47	24° 4	12°14	27°37	16°19	7°59	12°18	0♂ 1	1° 1	2°58	n.a.	T 9
W10	16 34 11	7°58'30	4♍28	27°R13	12°58	24°38	12°26	27°33	16°22	7°57	12°18	0°R 1	0°58	3° 5	n.a.	W10
T 11	16 38 8	8°55'40	17° 7	27° 9	14° 9	25°12	12°38	27°29	16°26	7°56	12°18	0° 1	0°54	3°12	n.a.	T 11
F 12	16 42 4	9°52'49	0♎10	27° 0	15°20	25°46	12°50	27°25	16°29	7°55	12°19	0° 0	0°51	3°18	n.a.	F 12
S 13	16 46 1	10°50'00	13°39	26°46	16°31	26°20	13° 2	27°20	16°33	7°53	12°19	29♐58	0°48	3°25	n.a.	S 13
S 14	16 49 57	11°47'10	27°35	26°27	17°42	26°55	13°14	27°16	16°37	7°52	12°20	29°56	0°45	3°32	n.a.	S 14
M15	16 53 54	12°44'22	11♏58	26° 4	18°53	27°29	13°26	27°12	16°40	7°51	12°20	29°54	0°42	3°38	n.a.	M15
T 16	16 57 51	13°41'33	26°43	25°37	20° 3	28° 4	13°38	27° 8	16°44	7°50	12°20	29°52	0°39	3°45	n.a.	T 16
W17	17 1 47	14°38'46	11♐44	25° 5	21°14	28°39	13°50	27° 4	16°48	7°49	12°21	29°51	0°35	3°52	n.a.	W17
T 18	17 5 44	15°35'59	26°52	24°31	22°25	29°14	14° 3	27° 0	16°51	7°47	12°21	29°D50	0°32	3°58	n.a.	T 18
F 19	17 9 40	16°33'14	11♑58	23°52	23°35	29°49	14°15	26°56	16°55	7°46	12°22	29°50	0°29	4° 5	n.a.	F 19
S 20	17 13 37	17°30'29	26°54	23°12	24°46	0♍24	14°27	26°52	16°59	7°45	12°23	29°51	0°26	4°12	n.a.	S 20
S 21	17 17 33	18°27'45	11♒32	22°29	25°56	0°59	14°39	26°48	17° 2	7°44	12°23	29°52	0°23	4°18	n.a.	S 21
M22	17 21 30	19°25'03	25°49	21°46	27° 6	1°35	14°52	26°44	17° 6	7°43	12°24	29°53	0°20	4°25	n.a.	M22
T 23	17 25 27	20°22'21	9♓42	21° 2	28°17	2°11	15° 4	26°40	17°10	7°42	12°25	29°53	0°16	4°31	n.a.	T 23
W24	17 29 23	21°19'41	23°11	20°18	29°27	2°46	15°17	26°36	17°13	7°41	12°25	29°R53	0°13	4°38	n.a.	W24
T 25	17 33 20	22°17'03	6♈18	19°35	0♌37	3°22	15°29	26°32	17°17	7°40	12°26	29°53	0°10	4°45	n.a.	T 25
F 26	17 37 16	23°14'25	19° 5	18°55	1°47	3°59	15°42	26°29	17°21	7°39	12°27	29°53	0° 7	4°51	n.a.	F 26
S 27	17 41 13	24°11'49	1♉35	18°17	2°57	4°35	15°54	26°25	17°24	7°38	12°28	29°52	0° 4	4°58	n.a.	S 27
S 28	17 45 9	25° 9'14	13°51	17°42	4° 7	5°11	16° 7	26°21	17°28	7°37	12°29	29°51	0° 0	5° 5	n.a.	S 28
M29	17 49 6	26° 6'41	25°57	17°12	5°17	5°48	16°19	26°18	17°32	7°36	12°29	29°51	29♐57	5°11	n.a.	M29
T 30	17 53 2	27♊ 4'09	7♊54	16♊47	6♌27	6♍24	16♋32	26♏14	17♊35	7♏35	12♍30	29♐51	29♐54	5♋18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n20	20n32	3n35	23n27	0s14	25n38	1n50	16n 2	0n57	24n10	0n47	18s42	1n24	23n16	0n14	12s43	1n50	22n59	17n22	23s49	23s48	23n44		n.a.
T 2	20 33	22 52	2 42	23 16	0 27	25 37	1 51	15 51	0 56	24 9	0 47	18 41	1 24	23 17	0 14	12 43	1 50	22 58	17 22	23 49	23 48	23 43		n.a.
W 3	20 45	24 7	1 43	23 4	0 40	25 35	1 51	15 39	0 54	24 8	0 47	18 40	1 24	23 17	0 14	12 42	1 50	22 58	17 21	23 49	23 48	23 42		n.a.
T 4	20 56	24 16	0 39	22 51	0 54	25 32	1 51	15 27	0 53	24 7	0 47	18 40	1 24	23 17	0 14	12 42	1 50	22 57	17 21	23 49	23 48	23 41		n.a.
F 5	21 8	23 18	0s26	22 37	1 8	25 29	1 51	15 15	0 51	24 6	0 47	18 39	1 24	23 18	0 14	12 41	1 50	22 57	17 20	23 49	23 48	23 40		n.a.
S 6	21 19	21 19	1 29	22 24	1 23	25 24	1 51	15 3	0 50	24 5	0 47	18 38	1 24	23 18	0 14	12 41	1 50	22 56	17 19	23 49	23 48	23 39		n.a.
S 7	21 29	18 25	2 29	22 9	1 37	25 20	1 51	14 51	0 49	24 4	0 47	18 37	1 24	23 19	0 14	12 41	1 50	22 56	17 19	23 49	23 48	23 38		n.a.
M 8	21 39	14 44	3 24	21 55	1 52	25 14	1 51	14 38	0 48	24 3	0 48	18 36	1 24	23 19	0 14	12 40	1 50	22 55	17 18	23 49	23 49	23 37		n.a.
T 9	21 49	10 25	4 10	21 40	2 7	25 8	1 51	14 26	0 46	24 2	0 48	18 35	1 23	23 19	0 14	12 40	1 50	22 54	17 18	23 49	23 49	23 36		n.a.
W10	21 59	5 36	4 45	21 25	2 22	25 0	1 51	14 13	0 45	24 1	0 48	18 34	1 23	23 20	0 14	12 39	1 49	22 54	17 17	23 49	23 49	23 35		n.a.
T 11	22 8	0 27	5 8	21 10	2 37	24 53	1 50	14 0	0 44	23 59	0 48	18 33	1 23	23 20	0 14	12 39	1 49	22 53	17 17	23 49	23 49	23 34		n.a.
F 12	22 17	4s53	5 16	20 56	2 51	24 44	1 50	13 47	0 42	23 58	0 48	18 32	1 23	23 20	0 14	12 39	1 49	22 52	17 16	23 49	23 49	23 33		n.a.
S 13	22 25	10 10	5 7	20 41	3 5	24 35	1 49	13 35	0 41	23 57	0 48	18 32	1 23	23 21	0 14	12 38	1 49	22 52	17 15	23 49	23 49	23 32		n.a.
S 14	22 33	15 7	4 40	20 27	3 19	24 25	1 49	13 21	0 40	23 56	0 48	18 31	1 23	23 21	0 14	12 38	1 49	22 51	17 15	23 49	23 49	23 31		n.a.
M15	22 41	19 23	3 55	20 13	3 32	24 15	1 48	13 8	0 39	23 55	0 48	18 30	1 23	23 22	0 14	12 37	1 49	22 50	17 14	23 49	23 49	23 30		n.a.
T 16	22 48	22 32	2 53	20 0	3 44	24 3	1 47	12 55	0 37	23 54	0 48	18 29	1 23	23 22	0 14	12 37	1 49	22 50	17 14	23 49	23 49	23 29		n.a.
W17	22 55	24 10	1 39	19 48	3 56	23 51	1 46	12 42	0 36	23 52	0 48	18 28	1 22	23 22	0 14	12 37	1 49	22 49	17 13	23 49	23 49	23 28		n.a.
T 18	23 1	24 3	0 16	19 36	4 6	23 39	1 45	12 28	0 35	23 51	0 48	18 27	1 22	23 23	0 14	12 36	1 49	22 48	17 13	23 49	23 49	23 27		n.a.
F 19	23 7	22 9	1n 7	19 25	4 15	23 26	1 44	12 14	0 34	23 50	0 48	18 27	1 22	23 23	0 14	12 36	1 49	22 47	17 12	23 49	23 49	23 26		n.a.
S 20	23 13	18 44	2 25	19 16	4 23	23 12	1 43	12 1	0 32	23 48	0 48	18 26	1 22	23 23	0 14	12 36	1 49	22 47	17 11	23 49	23 49	23 24		n.a.
S 21	23 18	14 12	3 31	19 7	4 29	22 57	1 42	11 47	0 31	23 47	0 48	18 25	1 22	23 24	0 14	12 35	1 49	22 46	17 11	23 49	23 49	23 23		n.a.
M22	23 23	8 59	4 23	19 0	4 34	22 42	1 40	11 33	0 30	23 46	0 48	18 24	1 22	23 24	0 14	12 35	1 49	22 45	17 10	23 49	23 49	23 22		n.a.
T 23	23 27	3 27	4 58	18 54	4 37	22 26	1 39	11 19	0 29	23 44	0 48	18 23	1 22	23 25	0 14	12 35	1 49	22 44	17 10	23 49	23 49	23 21		n.a.
W24	23 31	2n 4	5 15	18 50	4 38	22 10	1 37	11 5	0 28	23 43	0 48	18 23	1 22	23 25	0 14	12 34	1 49	22 43	17 9	23 49	23 49	23 20		n.a.
T 25	23 35	7 21	5 15	18 47	4 38	21 53	1 36	10 50	0 27	23 41	0 48	18 22	1 21	23 25	0 14	12 34	1 49	22 43	17 9	23 49	23 49	23 19		n.a.
F 26	23 38	12 12	5 0	18 46	4 36	21 36	1 34	10 36	0 25	23 40	0 48	18 21	1 21	23 26	0 14	12 34	1 49	22 42	17 8	23 49	23 49	23 18		n.a.
S 27	23 41	16 25	4 30	18 46	4 32	21 18	1 32	10 21	0 24	23 39	0 48	18 20	1 21	23 26	0 14	12 34	1 49	22 41	17 7	23 49	23 49	23 17		n.a.
S 28	23 43	19 52	3 49	18 49	4 26	20 59	1 30	10 7	0 23	23 37	0 48	18 20	1 21	23 26	0 14	12 33	1 49	22 40	17 7	23 49	23 49	23 15		n.a.
M29	23 45	22 25	2 58	18 53	4 19	20 40	1 28	9 52	0 22	23 36	0 48	18 19	1 21	23 27	0 14	12 33	1 49	22 39	17 6	23 49	23 49	23 14		n.a.
T 30	23n47	23n55	1n59	18n59	4s11	20n20	1n26	9n37	0n21	23n34	0n48	18s18	1n21	23n27	0n14	12s33	1n49	22n38	17n 6	23s49	23s49	23n13		n.a.

Julian Day Number = 1361072.5, Delta T = 06h58m54s
Ecliptic obliquity = 23°48'47, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°41'46, Lahiri = -17°34'45 Julian Calendar 1 June 987 BCE == Greg. Calendar 23 May 987 BCE

The year -986 astronomical counting style corresponds to year 987 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 987 BCE
geocentric

JULY 987 BCE (-986) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 56 59	28♊ 1'38	19♊45	16°R26	7♌36	7♍ 1	16♋45	26°R11	17♊39	7°R34	12♍31	29°R50	29♐51	5♋25	n.a.	W 1
T 2	18 0 56	28°59'09	1♋33	16♊12	8°46	7°38	16°58	26♏ 8	17°43	7♏33	12°32	29°D50	29°48	5°31	n.a.	T 2
F 3	18 4 52	29°56'41	13°20	16° 4	9°56	8°15	17°10	26° 4	17°46	7°32	12°33	29°R50	29°45	5°38	n.a.	F 3
S 4	18 8 49	0♋54'14	25° 8	16°D 2	11° 5	8°53	17°23	26° 1	17°50	7°31	12°34	29♐50	29°41	5°45	n.a.	S 4
S 5	18 12 45	1°51'48	7♌ 0	16° 7	12°14	9°30	17°36	25°58	17°54	7°31	12°36	29°50	29°38	5°51	n.a.	S 5
M 6	18 16 42	2°49'23	18°58	16°19	13°24	10° 7	17°49	25°55	17°57	7°30	12°37	29°50	29°35	5°58	n.a.	M 6
T 7	18 20 38	3°47'00	1♍ 7	16°38	14°33	10°45	18° 2	25°52	18° 1	7°29	12°38	29°49	29°32	6° 4	n.a.	T 7
W 8	18 24 35	4°44'37	13°28	17° 4	15°42	11°23	18°15	25°49	18° 4	7°28	12°39	29°49	29°29	6°11	n.a.	W 8
T 9	18 28 31	5°42'16	26° 6	17°37	16°51	12° 1	18°27	25°46	18° 8	7°28	12°40	29°49	29°25	6°18	n.a.	T 9
F 10	18 32 28	6°39'56	9♎ 5	18°17	18° 0	12°39	18°40	25°43	18°11	7°27	12°41	29°D49	29°22	6°24	n.a.	F 10
S 11	18 36 25	7°37'37	22°27	19° 4	19° 9	13°17	18°53	25°41	18°15	7°26	12°43	29°49	29°19	6°31	n.a.	S 11
S 12	18 40 21	8°35'20	6♏14	19°58	20°18	13°55	19° 6	25°38	18°18	7°26	12°44	29°49	29°16	6°38	n.a.	S 12
M13	18 44 18	9°33'03	20°27	20°58	21°26	14°33	19°19	25°35	18°22	7°25	12°45	29°50	29°13	6°44	n.a.	M13
T 14	18 48 14	10°30'49	5♐ 4	22° 5	22°35	15°12	19°32	25°33	18°25	7°25	12°47	29°51	29°10	6°51	n.a.	T 14
W15	18 52 11	11°28'35	20° 0	23°17	23°43	15°50	19°45	25°30	18°29	7°24	12°48	29°51	29° 6	6°58	n.a.	W15
T 16	18 56 7	12°26'23	5♑ 9	24°36	24°52	16°29	19°58	25°28	18°32	7°24	12°49	29°R52	29° 3	7° 4	n.a.	T 16
F 17	19 0 4	13°24'13	20°22	26° 0	26° 0	17° 8	20°11	25°26	18°36	7°23	12°51	29°51	29° 0	7°11	n.a.	F 17
S 18	19 4 0	14°22'04	5♒28	27°29	27° 8	17°47	20°24	25°24	18°39	7°23	12°52	29°50	28°57	7°18	n.a.	S 18
S 19	19 7 57	15°19'57	20°20	29° 3	28°16	18°26	20°37	25°22	18°43	7°23	12°54	29°48	28°54	7°24	n.a.	S 19
M20	19 11 54	16°17'52	4♓50	0♋41	29°24	19° 5	20°50	25°20	18°46	7°22	12°55	29°46	28°51	7°31	n.a.	M20
T 21	19 15 50	17°15'48	18°54	2°22	0♍31	19°44	21° 3	25°18	18°49	7°22	12°57	29°44	28°47	7°38	n.a.	T 21
W22	19 19 47	18°13'47	2♈30	4° 8	1°39	20°24	21°17	25°16	18°53	7°22	12°59	29°43	28°44	7°44	n.a.	W22
T 23	19 23 43	19°11'48	15°39	5°56	2°46	21° 3	21°30	25°14	18°56	7°21	13° 0	29°D42	28°41	7°51	n.a.	T 23
F 24	19 27 40	20° 9'51	28°24	7°46	3°54	21°43	21°43	25°13	18°59	7°21	13° 2	29°42	28°38	7°58	n.a.	F 24
S 25	19 31 36	21° 7'56	10♉49	9°38	5° 1	22°22	21°56	25°11	19° 2	7°21	13° 3	29°43	28°35	8° 4	n.a.	S 25
S 26	19 35 33	22° 6'03	22°59	11°32	6° 8	23° 2	22° 9	25°10	19° 6	7°21	13° 5	29°45	28°31	8°11	n.a.	S 26
M27	19 39 29	23° 4'12	4♊57	13°28	7°15	23°42	22°22	25° 8	19° 9	7°21	13° 7	29°46	28°28	8°17	n.a.	M27
T 28	19 43 26	24° 2'23	16°48	15°24	8°22	24°22	22°35	25° 7	19°12	7°21	13° 9	29°48	28°25	8°24	n.a.	T 28
W29	19 47 23	25° 0'36	28°35	17°20	9°28	25° 2	22°48	25° 6	19°15	7°21	13°10	29°R48	28°22	8°31	n.a.	W29
T 30	19 51 19	25°58'52	10♋22	19°17	10°35	25°43	23° 1	25° 5	19°18	7°D21	13°12	29°48	28°19	8°37	n.a.	T 30
F 31	19 55 16	26♋57'09	22♋11	21♋14	11♍41	26♍23	23♋14	25♏ 4	19♊22	7♏21	13♍14	29♐46	28♐16	8♋44	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n48	24n20	0n56	19n 7	4s 1	20n 0	1n24	9n22	0n20	23n32	0n48	18s18	1n21	23n27	0n14	12s33	1n49	22n37	17n 5	23s49	23s49	23n12			n.a.
T 2	23 49	23 39	0s10	19 17	3 50	19 39	1 21	9 7	0 19	23 31	0 48	18 17	1 20	23 28	0 14	12 32	1 48	22 37	17 5	23 49	23 49	23 11			n.a.
F 3	23 49	21 54	1 14	19 28	3 37	19 18	1 19	8 52	0 18	23 29	0 48	18 16	1 20	23 28	0 14	12 32	1 48	22 36	17 4	23 49	23 49	23 10			n.a.
S 4	23 49	19 13	2 16	19 41	3 24	18 56	1 16	8 37	0 16	23 28	0 48	18 16	1 20	23 29	0 14	12 32	1 48	22 35	17 4	23 49	23 49	23 9			n.a.
S 5	23 48	15 43	3 12	19 55	3 10	18 34	1 14	8 22	0 15	23 26	0 48	18 15	1 20	23 29	0 14	12 32	1 48	22 34	17 3	23 49	23 49	23 7			n.a.
M 6	23 47	11 34	4 1	20 11	2 56	18 12	1 11	8 7	0 14	23 24	0 48	18 15	1 20	23 29	0 14	12 31	1 48	22 33	17 2	23 49	23 49	23 6			n.a.
T 7	23 45	6 55	4 39	20 28	2 41	17 49	1 8	7 51	0 13	23 23	0 48	18 14	1 20	23 30	0 14	12 31	1 48	22 32	17 2	23 49	23 49	23 5			n.a.
W 8	23 44	1 55	5 5	20 46	2 25	17 25	1 5	7 36	0 12	23 21	0 48	18 14	1 19	23 30	0 14	12 31	1 48	22 31	17 1	23 49	23 49	23 4			n.a.
T 9	23 41	3s16	5 17	21 5	2 9	17 1	1 2	7 20	0 11	23 19	0 48	18 13	1 19	23 30	0 14	12 31	1 48	22 30	17 1	23 49	23 49	23 3			n.a.
F 10	23 38	8 26	5 14	21 24	1 53	16 37	0 59	7 4	0 10	23 17	0 49	18 13	1 19	23 31	0 14	12 31	1 48	22 29	17 0	23 49	23 49	23 1			n.a.
S 11	23 35	13 23	4 53	21 44	1 37	16 12	0 56	6 48	0 9	23 16	0 49	18 12	1 19	23 31	0 14	12 31	1 48	22 28	17 0	23 49	23 49	23 0			n.a.
S 12	23 32	17 49	4 16	22 4	1 22	15 47	0 53	6 33	0 8	23 14	0 49	18 12	1 19	23 31	0 14	12 30	1 48	22 27	16 59	23 49	23 49	22 59			n.a.
M13	23 28	21 22	3 22	22 24	1 6	15 22	0 50	6 17	0 7	23 12	0 49	18 11	1 19	23 32	0 14	12 30	1 48	22 26	16 59	23 49	23 49	22 58			n.a.
T 14	23 23	23 40	2 13	22 44	0 51	14 56	0 46	6 1	0 6	23 10	0 49	18 11	1 18	23 32	0 14	12 30	1 48	22 25	16 58	23 49	23 49	22 57			n.a.
W15	23 18	24 20	0 54	23 3	0 36	14 30	0 43	5 44	0 5	23 8	0 49	18 10	1 18	23 32	0 14	12 30	1 48	22 24	16 58	23 49	23 49	22 55			n.a.
T 16	23 13	23 13	0n29	23 21	0 21	14 3	0 39	5 28	0 4	23 6	0 49	18 10	1 18	23 33	0 14	12 30	1 48	22 23	16 57	23 49	23 49	22 54			n.a.
F 17	23 8	20 25	1 51	23 38	0 7	13 36	0 36	5 12	0 3	23 4	0 49	18 10	1 18	23 33	0 14	12 30	1 48	22 22	16 57	23 49	23 49	22 53			n.a.
S 18	23 1	16 13	3 5	23 54	0n 6	13 9	0 32	4 56	0 2	23 3	0 49	18 9	1 18	23 33	0 14	12 30	1 48	22 21	16 56	23 49	23 49	22 52			n.a.
S 19	22 55	11 4	4 5	24 7	0 19	12 42	0 28	4 39	0 1	23 1	0 49	18 9	1 17	23 33	0 14	12 30	1 47	22 20	16 56	23 49	23 48	22 50			n.a.
M20	22 48	5 26	4 47	24 19	0 31	12 14	0 24	4 23	0s 0	22 59	0 49	18 9	1 17	23 34	0 14	12 30	1 47	22 19	16 55	23 49	23 48	22 49			n.a.
T 21	22 41	0n18	5 11	24 29	0 42	11 46	0 20	4 6	0 1	22 57	0 49	18 8	1 17	23 34	0 14	12 30	1 47	22 18	16 55	23 49	23 48	22 48			n.a.
W22	22 33	5 49	5 16	24 37	0 52	11 18	0 16	3 50	0 2	22 55	0 49	18 8	1 17	23 34	0 14	12 30	1 47	22 17	16 54	23 49	23 48	22 47			n.a.
T 23	22 25	10 55	5 4	24 42	1 1	10 50	0 12	3 33	0 3	22 53	0 49	18 8	1 17	23 35	0 14	12 30	1 47	22 16	16 54	23 49	23 48	22 45			n.a.
F 24	22 16	15 23	4 38	24 45	1 10	10 21	0 8	3 16	0 4	22 51	0 49	18 8	1 17	23 35	0 14	12 30	1 47	22 15	16 54	23 49	23 48	22 44			n.a.
S 25	22 7	19 4	3 59	24 45	1 17	9 52	0 3	3 0	0 5	22 49	0 50	18 7	1 16	23 35	0 14	12 30	1 47	22 14	16 53	23 49	23 48	22 43			n.a.
S 26	21 58	21 51	3 9	24 42	1 24	9 23	0s 1	2 43	0 6	22 47	0 50	18 7	1 16	23 36	0 14	12 30	1 47	22 13	16 53	23 49	23 48	22 42			n.a.
M27	21 48	23 38	2 13	24 37	1 30	8 54	0 5	2 26	0 7	22 44	0 50	18 7	1 16	23 36	0 14	12 30	1 47	22 12	16 52	23 49	23 48	22 40			n.a.
T 28	21 38	24 20	1 11	24 29	1 35	8 25	0 10	2 9	0 8	22 42	0 50	18 7	1 16	23 36	0 14	12 30	1 47	22 11	16 52	23 49	23 48	22 39			n.a.
W29	21 28	23 55	0 7	24 18	1 39	7 55	0 14	1 52	0 9	22 40	0 50	18 7	1 16	23 36	0 14	12 30	1 47	22 9	16 51	23 49	23 48	22 38			n.a.
T 30	21 17	22 26	0s58	24 5	1 42	7 25	0 19	1 35	0 10	22 38	0 50	18 7	1 15	23 37	0 14	12 30	1 47	22 8	16 51	23 49	23 48	22 36			n.a.
F 31	21n 6	19n59	2s 0	23n50	1n45	6n55	0s24	1n18	0s11	22n36	0n50	18s 7	1n15	23n37	0n14	12s30	1n47	22n 7	16n51	23s49	23s48	22n35			n.a.

Julian Day Number = 1361102.5, Delta T = 06h58m52s
Ecliptic obliquity = 23°48'46, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°41'42, Lahiri = -17°34'41 Julian Calendar 1 July 987 BCE == Greg. Calendar 22 June 987 BCE

The year -986 astronomical counting style corresponds to year 987 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 987 BCE
geocentric

AUGUST 987 BCE (-986) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 59 12	27♋55'28	4♌ 4	23♋11	12♍47	27♍ 3	23♋27	25°R 3	19♊25	7♏21	13♍16	29°R43	28♐12	8♋51	n.a.	S 1
S 2	20 3 9	28°53'49	16° 4	25° 7	13°53	27°44	23°40	25♏ 2	19°28	7°21	13°18	29♐38	28° 9	8°57	n.a.	S 2
M 3	20 7 5	29°52'12	28°13	27° 3	14°59	28°25	23°54	25° 2	19°31	7°21	13°19	29°33	28° 6	9° 4	n.a.	M 3
T 4	20 11 2	0♌50'37	10♍31	28°58	16° 5	29° 5	24° 7	25° 1	19°34	7°21	13°21	29°28	28° 3	9°11	n.a.	T 4
W 5	20 14 58	1°49'03	23° 1	0♌52	17°10	29°46	24°20	25° 0	19°37	7°21	13°23	29°23	28° 0	9°17	n.a.	W 5
T 6	20 18 55	2°47'31	5♎44	2°45	18°15	0♎27	24°33	25° 0	19°40	7°21	13°25	29°19	27°57	9°24	n.a.	T 6
F 7	20 22 51	3°46'01	18°44	4°38	19°20	1° 8	24°46	25° 0	19°42	7°22	13°27	29°16	27°53	9°31	n.a.	F 7
S 8	20 26 48	4°44'33	2♏ 2	6°29	20°25	1°49	24°59	25° 0	19°45	7°22	13°29	29°D15	27°50	9°37	n.a.	S 8
S 9	20 30 45	5°43'07	15°40	8°20	21°30	2°31	25°12	24°59	19°48	7°22	13°31	29°16	27°47	9°44	n.a.	S 9
M10	20 34 41	6°41'42	29°39	10° 9	22°35	3°12	25°25	24°D59	19°51	7°23	13°33	29°17	27°44	9°51	n.a.	M10
T 11	20 38 38	7°40'20	13♐59	11°58	23°39	3°54	25°38	24°59	19°54	7°23	13°35	29°18	27°41	9°57	n.a.	T 11
W12	20 42 34	8°38'59	28°39	13°45	24°43	4°35	25°51	25° 0	19°56	7°23	13°37	29°R19	27°37	10° 4	n.a.	W12
T 13	20 46 31	9°37'40	13♑34	15°32	25°47	5°17	26° 3	25° 0	19°59	7°24	13°39	29°18	27°34	10°10	n.a.	T 13
F 14	20 50 27	10°36'23	28°37	17°17	26°50	5°58	26°16	25° 0	20° 2	7°24	13°41	29°16	27°31	10°17	n.a.	F 14
S 15	20 54 24	11°35'08	13♒40	19° 1	27°53	6°40	26°29	25° 1	20° 4	7°25	13°44	29°11	27°28	10°24	n.a.	S 15
S 16	20 58 20	12°33'55	28°32	20°45	28°57	7°22	26°42	25° 1	20° 7	7°25	13°46	29° 5	27°25	10°30	n.a.	S 16
M17	21 2 17	13°32'44	13♓ 7	22°27	29°59	8° 4	26°55	25° 2	20°10	7°26	13°48	28°58	27°22	10°37	n.a.	M17
T 18	21 6 14	14°31'35	27°18	24° 8	1♎ 2	8°46	27° 8	25° 3	20°12	7°27	13°50	28°51	27°18	10°44	n.a.	T 18
W19	21 10 10	15°30'29	11♈ 0	25°49	2° 4	9°28	27°20	25° 4	20°14	7°27	13°52	28°45	27°15	10°50	n.a.	W19
T 20	21 14 7	16°29'25	24°15	27°28	3° 6	10°11	27°33	25° 5	20°17	7°28	13°54	28°41	27°12	10°57	n.a.	T 20
F 21	21 18 3	17°28'24	7♉ 3	29° 6	4° 8	10°53	27°46	25° 6	20°19	7°29	13°57	28°38	27° 9	11° 4	n.a.	F 21
S 22	21 22 0	18°27'25	19°29	0♍44	5° 9	11°35	27°59	25° 7	20°22	7°29	13°59	28°D38	27° 6	11°10	n.a.	S 22
S 23	21 25 56	19°26'29	1♊38	2°21	6°10	12°18	28°11	25° 8	20°24	7°30	14° 1	28°38	27° 3	11°17	n.a.	S 23
M24	21 29 53	20°25'35	13°34	3°57	7°11	13° 0	28°24	25°10	20°26	7°31	14° 3	28°40	26°59	11°24	n.a.	M24
T 25	21 33 49	21°24'43	25°23	5°31	8°11	13°43	28°36	25°11	20°28	7°32	14° 6	28°R41	26°56	11°30	n.a.	T 25
W26	21 37 46	22°23'54	7♋ 9	7° 6	9°11	14°26	28°49	25°13	20°31	7°33	14° 8	28°40	26°53	11°37	n.a.	W26
T 27	21 41 43	23°23'08	18°57	8°39	10°11	15° 9	29° 1	25°14	20°33	7°33	14°10	28°38	26°50	11°44	n.a.	T 27
F 28	21 45 39	24°22'23	0♌51	10°11	11°10	15°52	29°14	25°16	20°35	7°34	14°12	28°33	26°47	11°50	n.a.	F 28
S 29	21 49 36	25°21'41	12°53	11°43	12° 9	16°35	29°26	25°18	20°37	7°35	14°15	28°26	26°43	11°57	n.a.	S 29
S 30	21 53 32	26°21'01	25° 4	13°13	13° 8	17°18	29°39	25°20	20°39	7°36	14°17	28°17	26°40	12° 4	n.a.	S 30
M31	21 57 29	27♌20'23	7♍27	14♍43	14♎ 6	18♎ 1	29♋51	25♏22	20♊41	7♏37	14♍19	28♐ 6	26♐37	12♋10	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n54	16n40	2s57	23n32	1n47	6n25	0s29	1n 1	0s12	22n34	0n50	18s 7	1n15	23n37	0n14	12s30	1n47	22n 6	16n50	23s49	23s48	22n34		n.a.
S 2	20 42	12 39	3 47	23 12	1 48	5 55	0 33	0 43	0 13	22 31	0 50	18 7	1 15	23 37	0 14	12 30	1 47	22 5	16 50	23 49	23 48	22 32		n.a.
M 3	20 30	8 6	4 27	22 51	1 48	5 25	0 38	0 26	0 13	22 29	0 50	18 7	1 15	23 38	0 14	12 30	1 46	22 4	16 49	23 49	23 48	22 31		n.a.
T 4	20 17	3 11	4 55	22 27	1 48	4 55	0 43	0 9	0 14	22 27	0 50	18 7	1 14	23 38	0 14	12 30	1 46	22 3	16 49	23 49	23 48	22 30		n.a.
W 5	20 4	1s55	5 10	22 1	1 47	4 24	0 48	0s 8	0 15	22 25	0 50	18 7	1 14	23 38	0 14	12 30	1 46	22 2	16 49	23 49	23 48	22 28		n.a.
T 6	19 50	7 3	5 10	21 34	1 46	3 54	0 53	0 26	0 16	22 23	0 51	18 7	1 14	23 38	0 14	12 31	1 46	22 1	16 48	23 49	23 48	22 27		n.a.
F 7	19 37	11 58	4 54	21 5	1 44	3 23	0 59	0 43	0 17	22 20	0 51	18 7	1 14	23 39	0 14	12 31	1 46	22 0	16 48	23 49	23 48	22 26		n.a.
S 8	19 23	16 28	4 23	20 35	1 42	2 53	1 4	1 1	0 18	22 18	0 51	18 7	1 14	23 39	0 14	12 31	1 46	21 58	16 48	23 49	23 48	22 24		n.a.
S 9	19 8	20 13	3 36	20 3	1 39	2 22	1 9	1 18	0 19	22 16	0 51	18 7	1 13	23 39	0 14	12 31	1 46	21 57	16 47	23 49	23 48	22 23		n.a.
M10	18 53	22 54	2 35	19 30	1 36	1 51	1 14	1 35	0 20	22 13	0 51	18 8	1 13	23 39	0 14	12 31	1 46	21 56	16 47	23 49	23 48	22 22		n.a.
T 11	18 38	24 12	1 23	18 56	1 32	1 21	1 20	1 53	0 20	22 11	0 51	18 8	1 13	23 40	0 14	12 31	1 46	21 55	16 47	23 49	23 48	22 20		n.a.
W12	18 23	23 52	0 4	18 22	1 28	0 50	1 25	2 10	0 21	22 9	0 51	18 8	1 13	23 40	0 14	12 32	1 46	21 54	16 46	23 49	23 47	22 19		n.a.
T 13	18 7	21 50	1n17	17 46	1 24	0 20	1 30	2 28	0 22	22 6	0 51	18 8	1 13	23 40	0 14	12 32	1 46	21 53	16 46	23 49	23 47	22 18		n.a.
F 14	17 51	18 16	2 32	17 9	1 19	0s11	1 36	2 45	0 23	22 4	0 51	18 9	1 13	23 40	0 14	12 32	1 46	21 52	16 46	23 49	23 47	22 16		n.a.
S 15	17 35	13 31	3 37	16 31	1 14	0 42	1 41	3 3	0 24	22 2	0 51	18 9	1 12	23 41	0 15	12 32	1 46	21 51	16 45	23 49	23 47	22 15		n.a.
S 16	17 18	8 0	4 27	15 53	1 9	1 12	1 47	3 21	0 25	21 59	0 52	18 9	1 12	23 41	0 15	12 32	1 46	21 50	16 45	23 49	23 47	22 13		n.a.
M17	17 1	2 10	4 57	15 15	1 3	1 42	1 52	3 38	0 25	21 57	0 52	18 10	1 12	23 41	0 15	12 33	1 46	21 48	16 45	23 49	23 47	22 12		n.a.
T 18	16 44	3n37	5 9	14 35	0 58	2 13	1 58	3 56	0 26	21 54	0 52	18 10	1 12	23 41	0 15	12 33	1 45	21 47	16 44	23 48	23 47	22 11		n.a.
W19	16 26	9 2	5 2	13 55	0 52	2 43	2 3	4 13	0 27	21 52	0 52	18 10	1 12	23 41	0 15	12 33	1 45	21 46	16 44	23 48	23 47	22 9		n.a.
T 20	16 8	13 51	4 39	13 15	0 46	3 13	2 9	4 31	0 28	21 49	0 52	18 11	1 11	23 42	0 15	12 34	1 45	21 45	16 44	23 48	23 47	22 8		n.a.
F 21	15 50	17 53	4 3	12 35	0 39	3 43	2 15	4 49	0 29	21 47	0 52	18 11	1 11	23 42	0 15	12 34	1 45	21 44	16 44	23 48	23 47	22 6		n.a.
S 22	15 32	21 0	3 16	11 54	0 33	4 13	2 20	5 6	0 29	21 45	0 52	18 12	1 11	23 42	0 15	12 34	1 45	21 43	16 43	23 48	23 47	22 5		n.a.
S 23	15 13	23 6	2 21	11 13	0 26	4 43	2 26	5 24	0 30	21 42	0 52	18 12	1 11	23 42	0 15	12 34	1 45	21 42	16 43	23 48	23 47	22 4		n.a.
M24	14 54	24 7	1 21	10 31	0 20	5 13	2 32	5 41	0 31	21 40	0 53	18 13	1 11	23 42	0 15	12 35	1 45	21 41	16 43	23 48	23 47	22 2		n.a.
T 25	14 35	24 2	0 18	9 50	0 13	5 42	2 37	5 59	0 32	21 37	0 53	18 13	1 10	23 43	0 15	12 35	1 45	21 40	16 43	23 48	23 47	22 1		n.a.
W26	14 16	22 52	0s45	9 8	0 6	6 11	2 43	6 16	0 32	21 35	0 53	18 14	1 10	23 43	0 15	12 35	1 45	21 38	16 43	23 48	23 47	21 59		n.a.
T 27	13 56	20 41	1 47	8 26	0s 1	6 40	2 49	6 34	0 33	21 32	0 53	18 14	1 10	23 43	0 15	12 36	1 45	21 37	16 42	23 48	23 46	21 58		n.a.
F 28	13 36	17 37	2 44	7 45	0 8	7 9	2 55	6 51	0 34	21 30	0 53	18 15	1 10	23 43	0 15	12 36	1 45	21 36	16 42	23 48	23 46	21 56		n.a.
S 29	13 16	13 47	3 34	7 3	0 15	7 38	3 0	7 9	0 35	21 27	0 53	18 16	1 10	23 43	0 15	12 37	1 45	21 35	16 42	23 48	23 46	21 55		n.a.
S 30	12 56	9 22	4 15	6 21	0 22	8 7	3 6	7 26	0 35	21 25	0 53	18 16	1 9	23 43	0 15	12 37	1 45	21 34	16 42	23 48	23 46	21 54		n.a.
M31	12n35	4n30	4s45	5n39	0s30	8s35	3s12	7s44	0s36	21n22	0n53	18s17	1n 9	23n44	0n15	12s37	1n45	21n33	16n42	23s48	23s46	21n52		n.a.

Julian Day Number = 1361133.5, Delta T = 06h58m51s
Ecliptic obliquity = 23°48'46, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°41'38, Lahiri = -17°34'37 Julian Calendar 1 Aug. 987 BCE == Greg. Calendar 23 July 987 BCE

The year -986 astronomical counting style corresponds to year 987 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 987 BCE
geocentric

SEPTEMBER 987 BCE (-986) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 1 25	28♌19'47	20♍ 2	16♍12	15♎ 4	18♎44	0♌ 3	25♏24	20♊43	7♏38	14♍22	27°R55	26♐34	12♋17	n.a.	T 1
W 2	22 5 22	29°19'13	2♎48	17°40	16° 1	19°28	0°15	25°26	20°45	7°39	14°24	27♐44	26°31	12°23	n.a.	W 2
T 3	22 9 18	0♍18'42	15°46	19° 8	16°58	20°11	0°28	25°28	20°46	7°41	14°26	27°35	26°28	12°30	n.a.	T 3
F 4	22 13 15	1°18'12	28°56	20°34	17°54	20°55	0°40	25°31	20°48	7°42	14°29	27°28	26°24	12°37	n.a.	F 4
S 5	22 17 11	2°17'44	12♏19	22° 0	18°50	21°38	0°52	25°33	20°50	7°43	14°31	27°24	26°21	12°43	n.a.	S 5
S 6	22 21 8	3°17'19	25°56	23°25	19°46	22°22	1° 4	25°36	20°52	7°44	14°34	27°22	26°18	12°50	n.a.	S 6
M 7	22 25 5	4°16'55	9♐46	24°48	20°40	23° 6	1°16	25°39	20°53	7°45	14°36	27°D22	26°15	12°57	n.a.	M 7
T 8	22 29 1	5°16'33	23°52	26°11	21°35	23°50	1°28	25°41	20°55	7°47	14°38	27°R22	26°12	13° 3	n.a.	T 8
W 9	22 32 58	6°16'13	8♑12	27°33	22°28	24°34	1°40	25°44	20°56	7°48	14°41	27°22	26° 9	13°10	n.a.	W 9
T 10	22 36 54	7°15'54	22°44	28°54	23°21	25°18	1°51	25°47	20°58	7°49	14°43	27°20	26° 5	13°17	n.a.	T 10
F 11	22 40 51	8°15'38	7♒25	0♎13	24°14	26° 2	2° 3	25°50	20°59	7°50	14°46	27°15	26° 2	13°23	n.a.	F 11
S 12	22 44 47	9°15'23	22° 8	1°32	25° 6	26°46	2°15	25°53	21° 0	7°52	14°48	27° 7	25°59	13°30	n.a.	S 12
S 13	22 48 44	10°15'10	6♓46	2°49	25°57	27°30	2°26	25°57	21° 2	7°53	14°50	26°57	25°56	13°37	n.a.	S 13
M14	22 52 40	11°15'00	21°11	4° 5	26°47	28°14	2°38	26° 0	21° 3	7°55	14°53	26°46	25°53	13°43	n.a.	M14
T 15	22 56 37	12°14'51	5♈17	5°19	27°37	28°58	2°49	26° 3	21° 4	7°56	14°55	26°34	25°49	13°50	n.a.	T 15
W16	23 0 33	13°14'45	18°59	6°32	28°26	29°43	3° 1	26° 7	21° 5	7°58	14°58	26°24	25°46	13°57	n.a.	W16
T 17	23 4 30	14°14'41	2♉15	7°43	29°14	0♏27	3°12	26°10	21° 7	7°59	15° 0	26°15	25°43	14° 3	n.a.	T 17
F 18	23 8 27	15°14'39	15° 6	8°53	0♏ 1	1°12	3°23	26°14	21° 8	8° 1	15° 2	26° 9	25°40	14°10	n.a.	F 18
S 19	23 12 23	16°14'40	27°35	10° 0	0°48	1°56	3°35	26°18	21° 9	8° 2	15° 5	26° 6	25°37	14°17	n.a.	S 19
S 20	23 16 20	17°14'43	9♊45	11° 5	1°33	2°41	3°46	26°22	21°10	8° 4	15° 7	26° 5	25°34	14°23	n.a.	S 20
M21	23 20 16	18°14'48	21°41	12° 7	2°18	3°26	3°57	26°26	21°10	8° 5	15°10	26° 4	25°30	14°30	n.a.	M21
T 22	23 24 13	19°14'56	3♋31	13° 7	3° 1	4°11	4° 8	26°29	21°11	8° 7	15°12	26° 4	25°27	14°37	n.a.	T 22
W23	23 28 9	20°15'06	15°18	14° 3	3°44	4°55	4°19	26°34	21°12	8° 9	15°15	26° 3	25°24	14°43	n.a.	W23
T 24	23 32 6	21°15'18	27° 9	14°56	4°26	5°40	4°30	26°38	21°13	8°10	15°17	26° 0	25°21	14°50	n.a.	T 24
F 25	23 36 2	22°15'32	9♌ 7	15°46	5° 6	6°25	4°40	26°42	21°14	8°12	15°19	25°54	25°18	14°56	n.a.	F 25
S 26	23 39 59	23°15'48	21°16	16°31	5°46	7°10	4°51	26°46	21°14	8°14	15°22	25°45	25°14	15° 3	n.a.	S 26
S 27	23 43 56	24°16'06	3♍40	17°11	6°24	7°56	5° 2	26°51	21°15	8°15	15°24	25°34	25°11	15°10	n.a.	S 27
M28	23 47 52	25°16'26	16°18	17°46	7° 1	8°41	5°12	26°55	21°15	8°17	15°27	25°20	25° 8	15°16	n.a.	M28
T 29	23 51 49	26°16'48	29°12	18°16	7°37	9°26	5°22	26°59	21°16	8°19	15°29	25° 6	25° 5	15°23	n.a.	T 29
W30	23 55 45	27♍17'12	12♎20	18♎39	8♏11	10♏11	5♌33	27♏ 4	21♊16	8♏21	15♍31	24♐53	25♐ 2	15♋30	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n14	0s36	5s 1	4n58	0s37	9s 3	3s17	8s 1	0s37	21n20	0n54	18s18	1n 9	23n44	0n15	12s38	1n45	21n32	16n41	23s48	23s46	21n51		n.a.
W 2	11 53	5 45	5 3	4 16	0 44	9 30	3 23	8 19	0 38	21 17	0 54	18 18	1 9	23 44	0 15	12 38	1 45	21 31	16 41	23 48	23 46	21 49		n.a.
T 3	11 32	10 44	4 49	3 35	0 51	9 58	3 29	8 36	0 38	21 15	0 54	18 19	1 9	23 44	0 15	12 39	1 44	21 30	16 41	23 47	23 46	21 48		n.a.
F 4	11 11	15 18	4 20	2 54	0 59	10 25	3 34	8 53	0 39	21 12	0 54	18 20	1 9	23 44	0 15	12 39	1 44	21 29	16 41	23 47	23 46	21 46		n.a.
S 5	10 49	19 11	3 36	2 13	1 6	10 52	3 40	9 10	0 40	21 9	0 54	18 21	1 8	23 44	0 15	12 39	1 44	21 28	16 41	23 47	23 46	21 45		n.a.
S 6	10 27	22 7	2 39	1 33	1 13	11 18	3 45	9 28	0 40	21 7	0 54	18 21	1 8	23 44	0 15	12 40	1 44	21 27	16 41	23 47	23 46	21 43		n.a.
M 7	10 5	23 47	1 32	0 52	1 20	11 45	3 51	9 45	0 41	21 4	0 54	18 22	1 8	23 45	0 15	12 40	1 44	21 26	16 41	23 47	23 46	21 42		n.a.
T 8	9 43	23 59	0 19	0 13	1 27	12 11	3 56	10 2	0 42	21 2	0 55	18 23	1 8	23 45	0 15	12 41	1 44	21 24	16 41	23 47	23 45	21 40		n.a.
W 9	9 21	22 36	0n57	0s27	1 34	12 36	4 2	10 19	0 42	20 59	0 55	18 24	1 8	23 45	0 15	12 41	1 44	21 23	16 41	23 47	23 45	21 39		n.a.
T 10	8 59	19 43	2 10	1 5	1 41	13 1	4 7	10 36	0 43	20 57	0 55	18 25	1 7	23 45	0 15	12 42	1 44	21 22	16 40	23 47	23 45	21 37		n.a.
F 11	8 36	15 33	3 16	1 44	1 48	13 26	4 12	10 53	0 44	20 54	0 55	18 26	1 7	23 45	0 15	12 42	1 44	21 21	16 40	23 47	23 45	21 36		n.a.
S 12	8 13	10 27	4 8	2 22	1 54	13 50	4 17	11 10	0 44	20 52	0 55	18 27	1 7	23 45	0 15	12 43	1 44	21 20	16 40	23 47	23 45	21 34		n.a.
S 13	7 50	4 47	4 43	2 59	2 1	14 14	4 23	11 26	0 45	20 49	0 55	18 28	1 7	23 45	0 15	12 43	1 44	21 19	16 40	23 47	23 45	21 33		n.a.
M14	7 27	1n 2	5 0	3 35	2 7	14 38	4 28	11 43	0 46	20 47	0 56	18 29	1 7	23 45	0 15	12 44	1 44	21 18	16 40	23 46	23 45	21 31		n.a.
T 15	7 4	6 41	4 58	4 10	2 13	15 1	4 33	12 0	0 46	20 44	0 56	18 30	1 7	23 46	0 15	12 44	1 44	21 17	16 40	23 46	23 45	21 30		n.a.
W16	6 41	11 50	4 39	4 45	2 19	15 23	4 38	12 16	0 47	20 42	0 56	18 31	1 6	23 46	0 15	12 45	1 44	21 16	16 40	23 46	23 45	21 28		n.a.
T 17	6 18	16 16	4 5	5 19	2 24	15 45	4 42	12 33	0 47	20 39	0 56	18 32	1 6	23 46	0 15	12 45	1 44	21 15	16 40	23 46	23 45	21 27		n.a.
F 18	5 54	19 47	3 19	5 51	2 30	16 7	4 47	12 49	0 48	20 37	0 56	18 33	1 6	23 46	0 15	12 46	1 44	21 14	16 40	23 45	23 44	21 25		n.a.
S 19	5 31	22 17	2 25	6 23	2 35	16 28	4 52	13 5	0 49	20 34	0 56	18 34	1 6	23 46	0 15	12 46	1 44	21 13	16 40	23 45	23 44	21 24		n.a.
S 20	5 7	23 40	1 26	6 53	2 39	16 49	4 56	13 22	0 49	20 32	0 57	18 35	1 6	23 46	0 15	12 47	1 44	21 12	16 40	23 45	23 44	21 22		n.a.
M21	4 43	23 56	0 23	7 22	2 43	17 9	5 1	13 38	0 50	20 29	0 57	18 36	1 6	23 46	0 15	12 48	1 43	21 12	16 40	23 45	23 44	21 20		n.a.
T 22	4 19	23 7	0s39	7 49	2 47	17 28	5 5	13 54	0 50	20 27	0 57	18 37	1 5	23 46	0 15	12 48	1 43	21 11	16 40	23 45	23 44	21 19		n.a.
W23	3 55	21 16	1 40	8 14	2 50	17 47	5 9	14 10	0 51	20 24	0 57	18 38	1 5	23 46	0 15	12 49	1 43	21 10	16 40	23 45	23 44	21 17		n.a.
T 24	3 31	18 30	2 37	8 38	2 53	18 5	5 13	14 25	0 51	20 22	0 57	18 39	1 5	23 46	0 15	12 49	1 43	21 9	16 40	23 45	23 44	21 16		n.a.
F 25	3 7	14 56	3 27	8 59	2 55	18 23	5 17	14 41	0 52	20 19	0 57	18 40	1 5	23 46	0 15	12 50	1 43	21 8	16 40	23 45	23 44	21 14		n.a.
S 26	2 43	10 43	4 8	9 18	2 57	18 40	5 21	14 57	0 52	20 17	0 58	18 41	1 5	23 46	0 15	12 50	1 43	21 7	16 40	23 45	23 44	21 13		n.a.
S 27	2 19	6 0	4 39	9 35	2 57	18 57	5 24	15 12	0 53	20 15	0 58	18 43	1 5	23 47	0 15	12 51	1 43	21 6	16 41	23 44	23 43	21 11		n.a.
M28	1 54	0 57	4 56	9 48	2 57	19 12	5 27	15 28	0 54	20 12	0 58	18 44	1 4	23 47	0 16	12 52	1 43	21 5	16 41	23 44	23 43	21 10		n.a.
T 29	1 30	4s14	4 59	9 58	2 56	19 28	5 31	15 43	0 54	20 10	0 58	18 45	1 4	23 47	0 16	12 52	1 43	21 4	16 41	23 43	23 43	21 8		n.a.
W30	1n 6	9s20	4s46	10s 5	2s54	19s42	5s33	15s58	0s55	20n 7	0n58	18s46	1n 4	23n47	0n16	12s53	1n43	21n 3	16n41	23s43	23s43	21n 6		n.a.

Julian Day Number = 1361164.5, Delta T = 06h58m49s
Ecliptic obliquity = 23°48'46, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°41'33, Lahiri = -17°34'33 Julian Calendar 1 Sept. 987 BCE == Greg. Calendar 23 Aug. 987 BCE

The year -986 astronomical counting style corresponds to year 987 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 987 BCE
geocentric

OCTOBER 987 BCE (-986) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 59 42	28♍17'38	25♎41	18♎54	8♏44	10♏57	5♑43	27♏ 9	21♊16	8♏23	15♍34	24°R41	24♐59	15♋36	n.a.	T 1
F 2	0 3 38	29°18'05	9♏12	19°R 2	9°16	11°42	5°53	27°13	21°17	8°24	15°36	24♐33	24°55	15°43	n.a.	F 2
S 3	0 7 35	0♎18'34	22°52	19° 2	9°46	12°28	6° 3	27°18	21°17	8°26	15°39	24°27	24°52	15°50	n.a.	S 3
S 4	0 11 31	1°19'05	6♐40	18°52	10°15	13°13	6°13	27°23	21°17	8°28	15°41	24°24	24°49	15°56	n.a.	S 4
M 5	0 15 28	2°19'37	20°34	18°33	10°42	13°59	6°23	27°28	21°17	8°30	15°43	24°D23	24°46	16° 3	n.a.	M 5
T 6	0 19 24	3°20'10	4♑35	18° 4	11° 7	14°44	6°32	27°33	21°17	8°32	15°46	24°R23	24°43	16°10	n.a.	T 6
W 7	0 23 21	4°20'45	18°42	17°24	11°31	15°30	6°42	27°38	21°R17	8°34	15°48	24°23	24°40	16°16	n.a.	W 7
T 8	0 27 18	5°21'21	2♒54	16°35	11°52	16°16	6°52	27°43	21°17	8°36	15°50	24°20	24°36	16°23	n.a.	T 8
F 9	0 31 14	6°21'59	17°10	15°36	12°12	17° 2	7° 1	27°49	21°17	8°38	15°53	24°15	24°33	16°30	n.a.	F 9
S 10	0 35 11	7°22'37	1♓26	14°29	12°30	17°47	7°10	27°54	21°17	8°40	15°55	24° 7	24°30	16°36	n.a.	S 10
S 11	0 39 7	8°23'18	15°38	13°15	12°46	18°33	7°19	27°59	21°17	8°42	15°57	23°57	24°27	16°43	n.a.	S 11
M12	0 43 4	9°23'59	29°40	11°56	13° 0	19°19	7°28	28° 5	21°17	8°44	15°59	23°45	24°24	16°50	n.a.	M12
T 13	0 47 0	10°24'42	13♈28	10°35	13°11	20° 5	7°37	28°10	21°16	8°46	16° 2	23°33	24°20	16°56	n.a.	T 13
W14	0 50 57	11°25'27	26°57	9°14	13°21	20°51	7°46	28°15	21°16	8°48	16° 4	23°22	24°17	17° 3	n.a.	W14
T 15	0 54 53	12°26'13	10♉ 6	7°57	13°28	21°37	7°55	28°21	21°15	8°50	16° 6	23°13	24°14	17°10	n.a.	T 15
F 16	0 58 50	13°27'01	22°53	6°44	13°32	22°23	8° 4	28°27	21°15	8°52	16° 8	23° 6	24°11	17°16	n.a.	F 16
S 17	1 2 47	14°27'50	5♊21	5°40	13°35	23°10	8°12	28°32	21°14	8°54	16°11	23° 2	24° 8	17°23	n.a.	S 17
S 18	1 6 43	15°28'41	17°31	4°44	13°R35	23°56	8°20	28°38	21°14	8°56	16°13	23°D 0	24° 5	17°30	n.a.	S 18
M19	1 10 40	16°29'34	29°29	4° 0	13°33	24°42	8°29	28°44	21°13	8°58	16°15	23° 0	24° 1	17°36	n.a.	M19
T 20	1 14 36	17°30'28	11♋19	3°27	13°28	25°28	8°37	28°50	21°13	9° 1	16°17	23° 1	23°58	17°43	n.a.	T 20
W21	1 18 33	18°31'24	23° 8	3° 6	13°21	26°15	8°45	28°56	21°12	9° 3	16°19	23°R 1	23°55	17°50	n.a.	W21
T 22	1 22 29	19°32'21	4♌59	2°D56	13°11	27° 1	8°52	29° 2	21°11	9° 5	16°21	23° 0	23°52	17°56	n.a.	T 22
F 23	1 26 26	20°33'20	16°59	2°57	12°59	27°47	9° 0	29° 8	21°10	9° 7	16°23	22°56	23°49	18° 3	n.a.	F 23
S 24	1 30 22	21°34'20	29°12	3° 9	12°44	28°34	9° 8	29°14	21° 9	9° 9	16°26	22°50	23°45	18°10	n.a.	S 24
S 25	1 34 19	22°35'21	11♍42	3°30	12°27	29°20	9°15	29°20	21° 8	9°11	16°28	22°42	23°42	18°16	n.a.	S 25
M26	1 38 16	23°36'24	24°32	3°59	12° 8	0♐ 7	9°23	29°26	21° 7	9°14	16°30	22°31	23°39	18°23	n.a.	M26
T 27	1 42 12	24°37'28	7♎41	4°37	11°47	0°53	9°30	29°32	21° 6	9°16	16°32	22°21	23°36	18°29	n.a.	T 27
W28	1 46 9	25°38'33	21° 9	5°22	11°23	1°40	9°37	29°38	21° 5	9°18	16°34	22°10	23°33	18°36	n.a.	W28
T 29	1 50 5	26°39'39	4♏54	6°12	10°57	2°27	9°44	29°45	21° 4	9°20	16°36	22° 1	23°30	18°43	n.a.	T 29
F 30	1 54 2	27°40'46	18°52	7° 8	10°29	3°13	9°50	29°51	21° 3	9°22	16°38	21°55	23°26	18°49	n.a.	F 30
S 31	1 57 58	28♎41'54	2♐59	8♎ 9	10♏ 0	4♐ 0	9♑57	29♏57	21♊ 2	9♏25	16♍40	21♐51	23♐23	18♋56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n41	14s 4	4s18	10s 8	2s51	19s56	5s36	16s13	0s55	20n 5	0n59	18s47	1n 4	23n47	0n16	12s54	1n43	21n 3	16n41	23s42	23s43	21n 5		n.a.
F 2	0 17	18 10	3 35	10 7	2 46	20 8	5 39	16 28	0 56	20 3	0 59	18 49	1 4	23 47	0 16	12 54	1 43	21 2	16 41	23 42	23 43	21 3		n.a.
S 3	0s 8	21 20	2 38	10 1	2 40	20 20	5 41	16 42	0 56	20 0	0 59	18 50	1 4	23 47	0 16	12 55	1 43	21 1	16 41	23 42	23 43	21 2		n.a.
S 4	0 32	23 17	1 32	9 50	2 32	20 32	5 43	16 57	0 57	19 58	0 59	18 51	1 3	23 47	0 16	12 56	1 43	21 0	16 41	23 42	23 43	21 0		n.a.
M 5	0 56	23 48	0 20	9 34	2 23	20 42	5 45	17 11	0 57	19 56	0 59	18 52	1 3	23 47	0 16	12 56	1 43	20 59	16 41	23 42	23 42	20 58		n.a.
T 6	1 21	22 50	0n54	9 13	2 12	20 52	5 46	17 25	0 57	19 53	1 0	18 54	1 3	23 47	0 16	12 57	1 43	20 58	16 42	23 42	23 42	20 57		n.a.
W 7	1 45	20 25	2 5	8 46	1 59	21 0	5 47	17 40	0 58	19 51	1 0	18 55	1 3	23 47	0 16	12 57	1 43	20 58	16 42	23 41	23 42	20 55		n.a.
T 8	2 10	16 45	3 9	8 13	1 44	21 8	5 48	17 53	0 58	19 49	1 0	18 56	1 3	23 47	0 16	12 58	1 43	20 57	16 42	23 41	23 42	20 53		n.a.
F 9	2 34	12 6	4 1	7 35	1 28	21 15	5 48	18 7	0 59	19 47	1 0	18 58	1 3	23 47	0 16	12 59	1 43	20 56	16 42	23 41	23 42	20 52		n.a.
S 10	2 58	6 48	4 38	6 52	1 10	21 21	5 49	18 21	0 59	19 45	1 1	18 59	1 3	23 47	0 16	13 0	1 43	20 55	16 42	23 41	23 42	20 50		n.a.
S 11	3 23	1 11	4 58	6 5	0 51	21 25	5 48	18 34	1 0	19 42	1 1	19 0	1 2	23 47	0 16	13 0	1 43	20 55	16 43	23 40	23 42	20 49		n.a.
M12	3 47	4n26	5 0	5 16	0 31	21 29	5 48	18 48	1 0	19 40	1 1	19 2	1 2	23 47	0 16	13 1	1 43	20 54	16 43	23 40	23 42	20 47		n.a.
T 13	4 11	9 44	4 44	4 25	0 10	21 32	5 47	19 1	1 1	19 38	1 1	19 3	1 2	23 47	0 16	13 2	1 43	20 53	16 43	23 39	23 41	20 45		n.a.
W14	4 35	14 27	4 12	3 33	0n10	21 33	5 45	19 14	1 1	19 36	1 1	19 5	1 2	23 47	0 16	13 2	1 43	20 53	16 43	23 39	23 41	20 44		n.a.
T 15	4 59	18 20	3 27	2 44	0 31	21 34	5 43	19 26	1 1	19 34	1 2	19 6	1 2	23 47	0 16	13 3	1 43	20 52	16 43	23 38	23 41	20 42		n.a.
F 16	5 23	21 15	2 33	1 57	0 50	21 33	5 41	19 39	1 2	19 32	1 2	19 7	1 2	23 47	0 16	13 4	1 42	20 51	16 44	23 38	23 41	20 40		n.a.
S 17	5 47	23 3	1 33	1 15	1 8	21 31	5 38	19 51	1 2	19 30	1 2	19 9	1 2	23 47	0 16	13 4	1 42	20 50	16 44	23 38	23 41	20 39		n.a.
S 18	6 11	23 42	0 29	0 37	1 25	21 27	5 34	20 3	1 2	19 28	1 2	19 10	1 1	23 47	0 16	13 5	1 42	20 50	16 44	23 37	23 41	20 37		n.a.
M19	6 35	23 14	0s35	0 6	1 39	21 23	5 30	20 15	1 3	19 26	1 3	19 12	1 1	23 47	0 16	13 6	1 42	20 49	16 44	23 37	23 41	20 35		n.a.
T 20	6 59	21 43	1 36	0n19	1 52	21 17	5 25	20 27	1 3	19 24	1 3	19 13	1 1	23 47	0 16	13 6	1 42	20 49	16 45	23 38	23 40	20 34		n.a.
W21	7 22	19 16	2 34	0 37	2 3	21 10	5 20	20 39	1 4	19 22	1 3	19 14	1 1	23 47	0 16	13 7	1 42	20 48	16 45	23 38	23 40	20 32		n.a.
T 22	7 46	16 1	3 25	0 49	2 11	21 1	5 14	20 50	1 4	19 20	1 3	19 16	1 1	23 47	0 16	13 8	1 42	20 47	16 45	23 37	23 40	20 30		n.a.
F 23	8 9	12 4	4 7	0 55	2 18	20 51	5 8	21 1	1 4	19 18	1 4	19 17	1 1	23 47	0 16	13 9	1 42	20 47	16 46	23 37	23 40	20 29		n.a.
S 24	8 32	7 34	4 39	0 55	2 24	20 40	5 1	21 12	1 5	19 17	1 4	19 19	1 1	23 47	0 16	13 9	1 42	20 46	16 46	23 37	23 40	20 27		n.a.
S 25	8 55	2 41	4 59	0 50	2 27	20 27	4 53	21 23	1 5	19 15	1 4	19 20	1 1	23 47	0 16	13 10	1 42	20 46	16 46	23 36	23 40	20 25		n.a.
M26	9 18	2s26	5 4	0 40	2 30	20 13	4 45	21 33	1 5	19 13	1 4	19 22	1 0	23 47	0 16	13 11	1 42	20 45	16 47	23 36	23 39	20 24		n.a.
T 27	9 41	7 35	4 54	0 26	2 31	19 58	4 36	21 43	1 5	19 11	1 5	19 23	1 0	23 47	0 16	13 12	1 42	20 45	16 47	23 35	23 39	20 22		n.a.
W28	10 4	12 29	4 27	0 8	2 31	19 41	4 26	21 53	1 6	19 10	1 5	19 25	1 0	23 47	0 16	13 12	1 42	20 44	16 47	23 35	23 39	20 20		n.a.
T 29	10 26	16 52	3 44	0s13	2 29	19 23	4 15	22 3	1 6	19 8	1 5	19 26	1 0	23 47	0 16	13 13	1 42	20 44	16 48	23 34	23 39	20 18		n.a.
F 30	10 49	20 23	2 47	0 37	2 27	19 3	4 4	22 13	1 6	19 7	1 5	19 28	1 0	23 47	0 16	13 14	1 42	20 43	16 48	23 34	23 39	20 17		n.a.
S 31	11s11	22s42	1s40	1s 4	2n25	18s43	3s53	22s22	1s 7	19n 5	1n 6	19s29	1n 0	23n46	0n16	13s14	1n42	20n43	16n48	23s33	23s39	20n15		n.a.

Julian Day Number = 1361194.5, Delta T = 06h58m48s
Ecliptic obliquity = 23°48'46, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°41'29, Lahiri = -17°34'29 Julian Calendar 1 Oct. 987 BCE == Greg. Calendar 22 Sept. 987 BCE

The year -986 astronomical counting style corresponds to year 987 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 987 BCE
geocentric

NOVEMBER 987 BCE (-986) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 1 55	29♎43'03	17♐10	9♎14	9°R29	4♐47	10♌ 3	0♐ 4	21°R 0	9♏27	16♍41	21°D49	23♐20	19♋ 3	n.a.	S 1
M 2	2 5 51	0♏44'12	1♑22	10°22	8♏56	5°34	10°10	0°10	20♊59	9°29	16°43	21♐49	23°17	19° 9	n.a.	M 2
T 3	2 9 48	1°45'22	15°33	11°33	8°22	6°20	10°16	0°17	20°57	9°31	16°45	21°50	23°14	19°16	n.a.	T 3
W 4	2 13 45	2°46'33	29°41	12°48	7°48	7° 7	10°22	0°23	20°56	9°34	16°47	21°R51	23°11	19°23	n.a.	W 4
T 5	2 17 41	3°47'43	13♒46	14° 4	7°12	7°54	10°27	0°30	20°55	9°36	16°49	21°51	23° 7	19°29	n.a.	T 5
F 6	2 21 38	4°48'55	27°45	15°22	6°36	8°41	10°33	0°36	20°53	9°38	16°51	21°48	23° 4	19°36	n.a.	F 6
S 7	2 25 34	5°50'06	11♓37	16°43	5°59	9°28	10°39	0°43	20°51	9°40	16°53	21°44	23° 1	19°43	n.a.	S 7
S 8	2 29 31	6°51'18	25°21	18° 4	5°23	10°15	10°44	0°50	20°50	9°43	16°54	21°37	22°58	19°49	n.a.	S 8
M 9	2 33 27	7°52'30	8♈55	19°27	4°46	11° 2	10°49	0°56	20°48	9°45	16°56	21°30	22°55	19°56	n.a.	M 9
T 10	2 37 24	8°53'43	22°17	20°51	4°10	11°49	10°54	1° 3	20°46	9°47	16°58	21°22	22°51	20° 3	n.a.	T 10
W11	2 41 20	9°54'56	5♉24	22°16	3°35	12°36	10°59	1°10	20°45	9°49	16°59	21°15	22°48	20° 9	n.a.	W11
T 12	2 45 17	10°56'10	18°16	23°42	3° 1	13°23	11° 4	1°16	20°43	9°52	17° 1	21° 9	22°45	20°16	n.a.	T 12
F 13	2 49 14	11°57'24	0♊52	25° 9	2°28	14°10	11° 8	1°23	20°41	9°54	17° 3	21° 5	22°42	20°23	n.a.	F 13
S 14	2 53 10	12°58'39	13°13	26°36	1°57	14°57	11°12	1°30	20°39	9°56	17° 4	21° 3	22°39	20°29	n.a.	S 14
S 15	2 57 7	13°59'54	25°20	28° 4	1°27	15°44	11°17	1°37	20°37	9°59	17° 6	21°D 3	22°36	20°36	n.a.	S 15
M16	3 1 3	15° 1'10	7♋17	29°33	0°59	16°31	11°21	1°44	20°35	10° 1	17° 7	21° 4	22°32	20°43	n.a.	M16
T 17	3 5 0	16° 2'26	19° 7	1♏ 2	0°33	17°18	11°24	1°51	20°33	10° 3	17° 9	21° 5	22°29	20°49	n.a.	T 17
W18	3 8 56	17° 3'42	0♌56	2°31	0° 9	18° 5	11°28	1°58	20°31	10° 5	17°10	21° 7	22°26	20°56	n.a.	W18
T 19	3 12 53	18° 4'59	12°47	4° 1	29♎47	18°52	11°32	2° 5	20°29	10° 8	17°12	21°R 8	22°23	21° 3	n.a.	T 19
F 20	3 16 50	19° 6'17	24°46	5°31	29°28	19°39	11°35	2°11	20°27	10°10	17°13	21° 8	22°20	21° 9	n.a.	F 20
S 21	3 20 46	20° 7'35	6♍58	7° 2	29°11	20°27	11°38	2°18	20°25	10°12	17°15	21° 7	22°17	21°16	n.a.	S 21
S 22	3 24 43	21° 8'53	19°28	8°33	28°56	21°14	11°41	2°25	20°23	10°14	17°16	21° 4	22°13	21°23	n.a.	S 22
M23	3 28 39	22°10'11	2♎19	10° 4	28°44	22° 1	11°44	2°32	20°21	10°17	17°17	21° 0	22°10	21°29	n.a.	M23
T 24	3 32 36	23°11'30	15°33	11°36	28°35	22°48	11°46	2°39	20°18	10°19	17°18	20°56	22° 7	21°36	n.a.	T 24
W25	3 36 32	24°12'49	29°12	13° 8	28°28	23°35	11°49	2°46	20°16	10°21	17°20	20°51	22° 4	21°43	n.a.	W25
T 26	3 40 29	25°14'08	13♏13	14°40	28°23	24°23	11°51	2°53	20°14	10°23	17°21	20°47	22° 1	21°49	n.a.	T 26
F 27	3 44 25	26°15'27	27°32	16°13	28°D21	25°10	11°53	3° 1	20°12	10°25	17°22	20°45	21°57	21°56	n.a.	F 27
S 28	3 48 22	27°16'46	12♐ 5	17°46	28°21	25°57	11°54	3° 8	20° 9	10°28	17°23	20°43	21°54	22° 3	n.a.	S 28
S 29	3 52 19	28°18'04	26°45	19°19	28°24	26°44	11°56	3°15	20° 7	10°30	17°24	20°D43	21°51	22° 9	n.a.	S 29
M30	3 56 15	29♏19'22	11♑25	20♏53	28♎29	27♐32	11♌58	3♐22	20♊ 5	10♏32	17♍26	20♐44	21♐48	22♋16	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s33	23s36	0s25	1s33	2n21	18s21	3s41	22s31	1s 7	19n 3	1n 6	19s30	1n 0	23n46	0n16	13s15	1n42	20n42	16n49	23s33	23s39	20n13		n.a.
M 2	11 55	22 57	0n51	2 4	2 17	17 58	3 28	22 40	1 7	19 2	1 6	19 32	1 0	23 46	0 16	13 16	1 42	20 42	16 49	23 33	23 38	20 12		n.a.
T 3	12 16	20 50	2 4	2 37	2 12	17 35	3 15	22 49	1 7	19 1	1 6	19 33	0 59	23 46	0 16	13 17	1 42	20 42	16 50	23 33	23 38	20 10		n.a.
W 4	12 37	17 27	3 10	3 11	2 7	17 10	3 1	22 57	1 8	18 59	1 7	19 35	0 59	23 46	0 16	13 17	1 42	20 41	16 50	23 33	23 38	20 8		n.a.
T 5	12 59	13 4	4 3	3 46	2 2	16 45	2 46	23 5	1 8	18 58	1 7	19 36	0 59	23 46	0 16	13 18	1 42	20 41	16 50	23 33	23 38	20 6		n.a.
F 6	13 20	8 2	4 42	4 22	1 56	16 19	2 32	23 13	1 8	18 57	1 7	19 38	0 59	23 46	0 16	13 19	1 42	20 40	16 51	23 33	23 38	20 5		n.a.
S 7	13 40	2 39	5 4	4 59	1 50	15 52	2 17	23 20	1 8	18 55	1 8	19 39	0 59	23 46	0 16	13 20	1 42	20 40	16 51	23 33	23 38	20 3		n.a.
S 8	14 1	2n49	5 8	5 36	1 44	15 26	2 2	23 28	1 8	18 54	1 8	19 41	0 59	23 46	0 16	13 20	1 42	20 40	16 52	23 33	23 37	20 1		n.a.
M 9	14 21	8 5	4 54	6 14	1 37	14 59	1 46	23 35	1 9	18 53	1 8	19 42	0 59	23 46	0 16	13 21	1 42	20 40	16 52	23 32	23 37	19 59		n.a.
T 10	14 41	12 54	4 25	6 52	1 30	14 32	1 31	23 42	1 9	18 52	1 8	19 44	0 59	23 46	0 17	13 22	1 42	20 39	16 52	23 32	23 37	19 58		n.a.
W11	15 1	17 1	3 42	7 31	1 24	14 5	1 15	23 48	1 9	18 51	1 9	19 45	0 59	23 46	0 17	13 22	1 42	20 39	16 53	23 31	23 37	19 56		n.a.
T 12	15 20	20 14	2 49	8 9	1 17	13 38	0 59	23 54	1 9	18 50	1 9	19 47	0 59	23 45	0 17	13 23	1 42	20 39	16 53	23 31	23 37	19 54		n.a.
F 13	15 40	22 24	1 48	8 48	1 10	13 12	0 44	24 0	1 9	18 49	1 9	19 48	0 58	23 45	0 17	13 24	1 42	20 38	16 54	23 30	23 36	19 52		n.a.
S 14	15 59	23 27	0 43	9 27	1 3	12 47	0 28	24 6	1 10	18 48	1 10	19 50	0 58	23 45	0 17	13 25	1 42	20 38	16 54	23 30	23 36	19 51		n.a.
S 15	16 17	23 20	0s23	10 5	0 55	12 22	0 13	24 11	1 10	18 47	1 10	19 51	0 58	23 45	0 17	13 25	1 42	20 38	16 55	23 30	23 36	19 49		n.a.
M16	16 36	22 9	1 28	10 44	0 48	11 58	0n 2	24 17	1 10	18 46	1 10	19 53	0 58	23 45	0 17	13 26	1 42	20 38	16 55	23 30	23 36	19 47		n.a.
T 17	16 54	19 59	2 27	11 22	0 41	11 35	0 17	24 21	1 10	18 45	1 10	19 54	0 58	23 45	0 17	13 27	1 42	20 38	16 56	23 30	23 36	19 45		n.a.
W18	17 12	17 0	3 21	12 0	0 34	11 13	0 31	24 26	1 10	18 44	1 11	19 56	0 58	23 45	0 17	13 28	1 42	20 37	16 56	23 31	23 36	19 43		n.a.
T 19	17 29	13 18	4 6	12 38	0 27	10 52	0 45	24 30	1 10	18 44	1 11	19 57	0 58	23 45	0 17	13 28	1 42	20 37	16 57	23 31	23 35	19 42		n.a.
F 20	17 46	9 4	4 41	13 15	0 20	10 32	0 59	24 34	1 10	18 43	1 11	19 59	0 58	23 44	0 17	13 29	1 42	20 37	16 57	23 31	23 35	19 40		n.a.
S 21	18 3	4 23	5 4	13 52	0 13	10 14	1 12	24 38	1 10	18 43	1 12	20 0	0 58	23 44	0 17	13 30	1 42	20 37	16 58	23 31	23 35	19 38		n.a.
S 22	18 20	0s33	5 13	14 29	0 6	9 57	1 25	24 41	1 11	18 42	1 12	20 2	0 58	23 44	0 17	13 30	1 42	20 37	16 58	23 30	23 35	19 36		n.a.
M23	18 36	5 37	5 7	15 5	0s 1	9 41	1 37	24 45	1 11	18 42	1 12	20 3	0 57	23 44	0 17	13 31	1 42	20 37	16 59	23 30	23 35	19 34		n.a.
T 24	18 52	10 35	4 45	15 40	0 8	9 26	1 49	24 47	1 11	18 41	1 13	20 5	0 57	23 44	0 17	13 32	1 42	20 37	16 59	23 30	23 34	19 33		n.a.
W25	19 7	15 11	4 6	16 15	0 15	9 13	2 0	24 50	1 11	18 41	1 13	20 6	0 57	23 44	0 17	13 32	1 42	20 37	17 0	23 29	23 34	19 31		n.a.
T 26	19 22	19 5	3 12	16 50	0 21	9 1	2 11	24 52	1 11	18 40	1 13	20 8	0 57	23 44	0 17	13 33	1 42	20 37	17 0	23 29	23 34	19 29		n.a.
F 27	19 37	21 56	2 4	17 23	0 28	8 51	2 22	24 54	1 11	18 40	1 13	20 9	0 57	23 43	0 17	13 34	1 42	20 37	17 1	23 29	23 34	19 27		n.a.
S 28	19 51	23 23	0 47	17 56	0 34	8 42	2 32	24 56	1 11	18 40	1 14	20 11	0 57	23 43	0 17	13 35	1 42	20 37	17 1	23 29	23 34	19 25		n.a.
S 29	20 5	23 13	0n33	18 29	0 40	8 34	2 41	24 57	1 11	18 40	1 14	20 12	0 57	23 43	0 17	13 35	1 42	20 37	17 2	23 29	23 33	19 23		n.a.
M30	20s19	21s27	1n52	19s 0	0s47	8s28	2n50	24s58	1s11	18n40	1n14	20s13	0n57	23n43	0n17	13s36	1n42	20n37	17n 2	23s29	23s33	19n22		n.a.

Julian Day Number = 1361225.5, Delta T = 06h58m46s
Ecliptic obliquity = 23°48'46, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°41'25, Lahiri = -17°34'25 Julian Calendar 1 Nov. 987 BCE == Greg. Calendar 23 Oct. 987 BCE

The year -986 astronomical counting style corresponds to year 987 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 987 BCE
geocentric

DECEMBER 987 BCE (-986) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 0 12	0♐20'40	25♑59	22♏27	28♎36	28♐19	11♌59	3♐29	20°R 2	10♏34	17♍27	20♐45	21♐45	22♋23	n.a.	T 1
W 2	4 4 8	1°21'57	10♒24	24° 2	28°46	29° 6	12° 0	3°36	20♊ 0	10°36	17°28	20°47	21°42	22°29	n.a.	W 2
T 3	4 8 5	2°23'13	24°35	25°36	28°58	29°53	12° 1	3°43	19°57	10°38	17°29	20°47	21°38	22°36	n.a.	T 3
F 4	4 12 1	3°24'28	8♓31	27°12	29°12	0♑41	12° 1	3°50	19°55	10°41	17°30	20°R48	21°35	22°43	n.a.	F 4
S 5	4 15 58	4°25'43	22°12	28°47	29°28	1°28	12° 2	3°57	19°52	10°43	17°31	20°47	21°32	22°49	n.a.	S 5
S 6	4 19 55	5°26'57	5♈38	0♐23	29°46	2°15	12° 2	4° 4	19°50	10°45	17°31	20°45	21°29	22°56	n.a.	S 6
M 7	4 23 51	6°28'10	18°49	2° 0	0♏ 7	3° 2	12°R 2	4°11	19°47	10°47	17°32	20°43	21°26	23° 3	n.a.	M 7
T 8	4 27 48	7°29'22	1♉46	3°37	0°29	3°49	12° 2	4°18	19°45	10°49	17°33	20°41	21°23	23° 9	n.a.	T 8
W 9	4 31 44	8°30'34	14°30	5°14	0°53	4°37	12° 2	4°25	19°42	10°51	17°34	20°39	21°19	23°16	n.a.	W 9
T 10	4 35 41	9°31'45	27° 1	6°52	1°18	5°24	12° 1	4°33	19°40	10°53	17°35	20°38	21°16	23°23	n.a.	T 10
F 11	4 39 37	10°32'55	9♊21	8°31	1°46	6°11	12° 0	4°40	19°37	10°55	17°35	20°37	21°13	23°29	n.a.	F 11
S 12	4 43 34	11°34'05	21°30	10°10	2°15	6°58	12° 0	4°47	19°35	10°57	17°36	20°D37	21°10	23°36	n.a.	S 12
S 13	4 47 30	12°35'13	3♋31	11°49	2°46	7°46	11°58	4°54	19°32	10°59	17°37	20°37	21° 7	23°43	n.a.	S 13
M14	4 51 27	13°36'21	15°25	13°30	3°18	8°33	11°57	5° 1	19°29	11° 1	17°37	20°38	21° 3	23°49	n.a.	M14
T 15	4 55 24	14°37'29	27°14	15°10	3°52	9°20	11°56	5° 8	19°27	11° 3	17°38	20°39	21° 0	23°56	n.a.	T 15
W16	4 59 20	15°38'35	9♌ 3	16°51	4°27	10° 7	11°54	5°15	19°24	11° 5	17°38	20°39	20°57	24° 3	n.a.	W16
T 17	5 3 17	16°39'41	20°54	18°33	5° 4	10°54	11°52	5°22	19°22	11° 7	17°39	20°40	20°54	24° 9	n.a.	T 17
F 18	5 7 13	17°40'46	2♍53	20°16	5°41	11°41	11°50	5°29	19°19	11° 9	17°39	20°40	20°51	24°16	n.a.	F 18
S 19	5 11 10	18°41'51	15° 2	21°59	6°21	12°29	11°48	5°36	19°16	11°11	17°40	20°R40	20°48	24°23	n.a.	S 19
S 20	5 15 6	19°42'54	27°27	23°42	7° 1	13°16	11°46	5°43	19°14	11°13	17°40	20°40	20°44	24°29	n.a.	S 20
M21	5 19 3	20°43'57	10♎13	25°26	7°42	14° 3	11°43	5°50	19°11	11°15	17°41	20°D40	20°41	24°36	n.a.	M21
T 22	5 23 0	21°44'59	23°22	27°11	8°25	14°50	11°40	5°57	19° 8	11°16	17°41	20°40	20°38	24°43	n.a.	T 22
W23	5 26 56	22°46'00	6♏58	28°56	9° 9	15°37	11°37	6° 3	19° 6	11°18	17°41	20°40	20°35	24°49	n.a.	W23
T 24	5 30 53	23°47'01	21° 0	0♑41	9°54	16°24	11°34	6°10	19° 3	11°20	17°41	20°41	20°32	24°56	n.a.	T 24
F 25	5 34 49	24°48'00	5♐27	2°27	10°39	17°11	11°31	6°17	19° 1	11°22	17°42	20°41	20°29	25° 3	n.a.	F 25
S 26	5 38 46	25°48'58	20°15	4°13	11°26	17°58	11°27	6°24	18°58	11°24	17°42	20°R41	20°25	25° 9	n.a.	S 26
S 27	5 42 42	26°49'55	5♑15	5°59	12°13	18°45	11°23	6°31	18°55	11°25	17°42	20°41	20°22	25°16	n.a.	S 27
M28	5 46 39	27°50'51	20°20	7°45	13° 2	19°32	11°20	6°38	18°53	11°27	17°42	20°40	20°19	25°23	n.a.	M28
T 29	5 50 35	28°51'45	5♒21	9°31	13°51	20°19	11°15	6°44	18°50	11°29	17°42	20°40	20°16	25°29	n.a.	T 29
W30	5 54 32	29°52'38	20° 9	11°17	14°41	21° 6	11°11	6°51	18°48	11°30	17°R42	20°38	20°13	25°36	n.a.	W30
T 31	5 58 29	0♑53'29	4♓38	13♑ 2	15♏32	21♑53	11♌ 7	6♐58	18♊45	11♏32	17♍42	20♐37	20♐ 9	25♋43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s32	18s17	3n 3	19s31	0s53	8s23	2n58	24s59	1s11	18n40	1n15	20s15	0n57	23n43	0n17	13s37	1n42	20n37	17n 3	23s29	23s33	19n20			n.a.
W 2	20 45	14 2	4 1	20 1	0 58	8 19	3 6	25 0	1 11	18 40	1 15	20 16	0 57	23 43	0 17	13 37	1 42	20 37	17 3	23 29	23 33	19 18			n.a.
T 3	20 58	9 4	4 44	20 30	1 4	8 16	3 13	25 0	1 11	18 40	1 15	20 18	0 57	23 42	0 17	13 38	1 42	20 37	17 4	23 29	23 33	19 16			n.a.
F 4	21 10	3 44	5 9	20 58	1 9	8 15	3 20	25 0	1 11	18 40	1 16	20 19	0 57	23 42	0 17	13 39	1 42	20 37	17 4	23 29	23 32	19 14			n.a.
S 5	21 21	1n41	5 16	21 25	1 15	8 14	3 27	24 59	1 11	18 40	1 16	20 21	0 57	23 42	0 17	13 39	1 42	20 37	17 5	23 29	23 32	19 12			n.a.
S 6	21 33	6 56	5 6	21 51	1 20	8 15	3 33	24 59	1 11	18 40	1 16	20 22	0 57	23 42	0 17	13 40	1 42	20 38	17 6	23 29	23 32	19 11			n.a.
M 7	21 44	11 46	4 39	22 16	1 25	8 17	3 38	24 58	1 11	18 40	1 17	20 23	0 56	23 42	0 17	13 41	1 42	20 38	17 6	23 29	23 32	19 9			n.a.
T 8	21 54	16 0	3 59	22 40	1 29	8 20	3 44	24 56	1 11	18 41	1 17	20 25	0 56	23 41	0 17	13 41	1 42	20 38	17 7	23 29	23 32	19 7			n.a.
W 9	22 4	19 25	3 7	23 2	1 33	8 24	3 48	24 55	1 11	18 41	1 17	20 26	0 56	23 41	0 17	13 42	1 42	20 38	17 7	23 29	23 31	19 5			n.a.
T 10	22 13	21 51	2 7	23 24	1 38	8 29	3 53	24 53	1 11	18 42	1 17	20 27	0 56	23 41	0 17	13 42	1 42	20 38	17 8	23 29	23 31	19 3			n.a.
F 11	22 23	23 13	1 2	23 44	1 41	8 34	3 57	24 51	1 11	18 42	1 18	20 29	0 56	23 41	0 17	13 43	1 42	20 39	17 8	23 28	23 31	19 1			n.a.
S 12	22 31	23 27	0s 5	24 3	1 45	8 41	4 0	24 48	1 11	18 43	1 18	20 30	0 56	23 41	0 17	13 44	1 42	20 39	17 9	23 28	23 31	18 59			n.a.
S 13	22 40	22 35	1 11	24 21	1 48	8 48	4 4	24 45	1 11	18 43	1 18	20 32	0 56	23 41	0 17	13 44	1 42	20 39	17 10	23 28	23 31	18 58			n.a.
M14	22 47	20 42	2 13	24 37	1 51	8 57	4 7	24 42	1 11	18 44	1 19	20 33	0 56	23 40	0 17	13 45	1 42	20 39	17 10	23 29	23 30	18 56			n.a.
T 15	22 55	17 56	3 10	24 51	1 54	9 6	4 9	24 39	1 11	18 45	1 19	20 34	0 56	23 40	0 17	13 45	1 42	20 40	17 11	23 29	23 30	18 54			n.a.
W16	23 1	14 27	3 58	25 5	1 56	9 15	4 12	24 35	1 10	18 45	1 19	20 36	0 56	23 40	0 17	13 46	1 42	20 40	17 11	23 29	23 30	18 52			n.a.
T 17	23 8	10 23	4 36	25 16	1 58	9 26	4 14	24 31	1 10	18 46	1 20	20 37	0 56	23 40	0 17	13 47	1 42	20 40	17 12	23 29	23 30	18 50			n.a.
F 18	23 14	5 54	5 3	25 26	1 59	9 37	4 15	24 27	1 10	18 47	1 20	20 38	0 56	23 40	0 17	13 47	1 42	20 41	17 12	23 29	23 29	18 48			n.a.
S 19	23 19	1 8	5 16	25 34	2 1	9 48	4 17	24 23	1 10	18 48	1 20	20 39	0 56	23 39	0 17	13 48	1 42	20 41	17 13	23 29	23 29	18 46			n.a.
S 20	23 24	3s47	5 16	25 41	2 1	10 1	4 18	24 18	1 10	18 49	1 20	20 41	0 56	23 39	0 17	13 48	1 42	20 41	17 14	23 29	23 29	18 44			n.a.
M21	23 29	8 41	5 0	25 45	2 1	10 13	4 19	24 13	1 10	18 50	1 21	20 42	0 56	23 39	0 17	13 49	1 42	20 42	17 14	23 29	23 29	18 42			n.a.
T 22	23 33	13 21	4 28	25 48	2 1	10 26	4 19	24 8	1 10	18 51	1 21	20 43	0 56	23 39	0 17	13 49	1 43	20 42	17 15	23 29	23 29	18 41			n.a.
W23	23 37	17 30	3 40	25 49	2 1	10 40	4 20	24 2	1 10	18 52	1 21	20 45	0 56	23 39	0 17	13 50	1 43	20 43	17 15	23 29	23 28	18 39			n.a.
T 24	23 40	20 49	2 38	25 48	1 59	10 54	4 20	23 56	1 9	18 53	1 22	20 46	0 56	23 38	0 17	13 51	1 43	20 43	17 16	23 29	23 28	18 37			n.a.
F 25	23 42	22 55	1 24	25 45	1 57	11 8	4 20	23 50	1 9	18 55	1 22	20 47	0 55	23 38	0 17	13 51	1 43	20 43	17 16	23 29	23 28	18 35			n.a.
S 26	23 45	23 29	0 2	25 40	1 55	11 23	4 20	23 44	1 9	18 56	1 22	20 48	0 55	23 38	0 17	13 52	1 43	20 44	17 17	23 29	23 28	18 33			n.a.
S 27	23 46	22 22	1n20	25 32	1 52	11 38	4 19	23 37	1 9	18 57	1 23	20 49	0 55	23 38	0 17	13 52	1 43	20 44	17 18	23 29	23 27	18 31			n.a.
M28	23 48	19 39	2 37	25 23	1 48	11 53	4 18	23 30	1 9	18 58	1 23	20 51	0 55	23 37	0 17	13 53	1 43	20 45	17 18	23 29	23 27	18 29			n.a.
T 29	23 48	15 37	3 44	25 12	1 44	12 9	4 17	23 23	1 9	19 0	1 23	20 52	0 55	23 37	0 17	13 53	1 43	20 45	17 19	23 29	23 27	18 27			n.a.
W30	23 49	10 40	4 34	24 58	1 39	12 25	4 16	23 15	1 8	19 1	1 23	20 53	0 55	23 37	0 17	13 54	1 43	20 46	17 19	23 29	23 27	18 25			n.a.
T 31	23s49	5s14	5n 5	24s43	1s34	12s41	4n15	23s 7	1s 8	19n 3	1n24	20s54	0n55	23n37	0n17	13s54	1n43	20n46	17n20	23s28	23s26	18n23			n.a.

Julian Day Number = 1361255.5, Delta T = 06h58m45s
Ecliptic obliquity = 23°48'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°41'21, Lahiri = -17°34'21 Julian Calendar 1 Dec. 987 BCE == Greg. Calendar 22 Nov. 987 BCE

The year -986 astronomical counting style corresponds to year 987 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 986 BCE
geocentric

JANUARY 986 BCE (-985) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 2 25	1♉54'18	18♓45	14♉47	16♏23	22♉40	11°R 2	7♐ 4	18°R43	11♏34	17°R42	20°R37	20♐ 6	25♋49	n.a.	F 1
S 2	6 6 22	2°55'05	2♈28	16°30	17°15	23°27	10♌58	7°11	18♊40	11°35	17♍42	20°D36	20° 3	25°56	n.a.	S 2
S 3	6 10 18	3°55'51	15°49	18°12	18° 8	24°14	10°53	7°18	18°38	11°37	17°42	20♐37	20° 0	26° 3	n.a.	S 3
M 4	6 14 15	4°56'35	28°48	19°52	19° 2	25° 1	10°48	7°24	18°35	11°38	17°42	20°38	19°57	26° 9	n.a.	M 4
T 5	6 18 11	5°57'17	11♉30	21°31	19°56	25°48	10°42	7°31	18°33	11°40	17°42	20°39	19°54	26°16	n.a.	T 5
W 6	6 22 8	6°57'57	23°56	23° 6	20°51	26°34	10°37	7°37	18°30	11°41	17°41	20°40	19°50	26°23	n.a.	W 6
T 7	6 26 4	7°58'35	6♊10	24°38	21°46	27°21	10°32	7°44	18°28	11°43	17°41	20°41	19°47	26°29	n.a.	T 7
F 8	6 30 1	8°59'12	18°16	26° 6	22°42	28° 8	10°26	7°50	18°25	11°44	17°41	20°R42	19°44	26°36	n.a.	F 8
S 9	6 33 58	9°59'47	0♋14	27°30	23°38	28°55	10°20	7°57	18°23	11°46	17°40	20°42	19°41	26°43	n.a.	S 9
S 10	6 37 54	11° 0'21	12° 7	28°49	24°35	29°41	10°14	8° 3	18°21	11°47	17°40	20°40	19°38	26°50	n.a.	S 10
M11	6 41 51	12° 0'52	23°58	0♒ 2	25°33	0♒28	10° 8	8° 9	18°18	11°49	17°40	20°38	19°35	26°56	n.a.	M11
T 12	6 45 47	13° 1'22	5♌47	1° 8	26°31	1°15	10° 2	8°15	18°16	11°50	17°39	20°34	19°31	27° 3	n.a.	T 12
W13	6 49 44	14° 1'50	17°38	2° 8	27°29	2° 1	9°56	8°22	18°14	11°51	17°39	20°30	19°28	27°10	n.a.	W13
T 14	6 53 40	15° 2'17	29°32	2°59	28°28	2°48	9°49	8°28	18°11	11°52	17°38	20°26	19°25	27°16	n.a.	T 14
F 15	6 57 37	16° 2'42	11♍33	3°42	29°27	3°34	9°43	8°34	18° 9	11°54	17°38	20°22	19°22	27°23	n.a.	F 15
S 16	7 1 33	17° 3'05	23°43	4°15	0♐27	4°21	9°36	8°40	18° 7	11°55	17°37	20°19	19°19	27°30	n.a.	S 16
S 17	7 5 30	18° 3'27	6♎ 7	4°40	1°27	5° 7	9°30	8°46	18° 5	11°56	17°37	20°17	19°15	27°36	n.a.	S 17
M18	7 9 27	19° 3'47	18°47	4°55	2°27	5°54	9°23	8°52	18° 3	11°57	17°36	20°D16	19°12	27°43	n.a.	M18
T 19	7 13 23	20° 4'06	1♏48	4°R59	3°28	6°40	9°16	8°58	18° 1	11°58	17°35	20°17	19° 9	27°50	n.a.	T 19
W20	7 17 20	21° 4'23	15°14	4°54	4°29	7°27	9° 9	9° 4	17°58	11°59	17°35	20°18	19° 6	27°56	n.a.	W20
T 21	7 21 16	22° 4'38	29° 6	4°39	5°31	8°13	9° 2	9°10	17°56	12° 1	17°34	20°20	19° 3	28° 3	n.a.	T 21
F 22	7 25 13	23° 4'52	13♐25	4°15	6°33	8°59	8°54	9°15	17°54	12° 2	17°33	20°R21	19° 0	28°10	n.a.	F 22
S 23	7 29 9	24° 5'04	28° 9	3°42	7°35	9°45	8°47	9°21	17°52	12° 3	17°32	20°21	18°56	28°16	n.a.	S 23
S 24	7 33 6	25° 5'14	13♉13	3° 2	8°37	10°32	8°40	9°27	17°50	12° 4	17°31	20°19	18°53	28°23	n.a.	S 24
M25	7 37 2	26° 5'23	28°27	2°15	9°40	11°18	8°32	9°33	17°49	12° 4	17°31	20°16	18°50	28°30	n.a.	M25
T 26	7 40 59	27° 5'29	13♒43	1°22	10°43	12° 4	8°25	9°38	17°47	12° 5	17°30	20°11	18°47	28°36	n.a.	T 26
W27	7 44 56	28° 5'33	28°50	0°25	11°46	12°50	8°17	9°44	17°45	12° 6	17°29	20° 5	18°44	28°43	n.a.	W27
T 28	7 48 52	29° 5'35	13♓38	29♉25	12°50	13°36	8°10	9°49	17°43	12° 7	17°28	19°59	18°40	28°50	n.a.	T 28
F 29	7 52 49	0♒ 5'34	28° 0	28°24	13°54	14°22	8° 2	9°54	17°41	12° 8	17°27	19°54	18°37	28°56	n.a.	F 29
S 30	7 56 45	1° 5'31	11♈54	27°23	14°58	15° 8	7°54	10° 0	17°40	12° 9	17°26	19°51	18°34	29° 3	n.a.	S 30
S 31	8 0 42	2♒ 5'26	25♈20	26♉23	16♐ 2	15♒54	7♌47	10♐ 5	17♊38	12♏ 9	17♍25	19♐49	18♐31	29♋10	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s48	0n20	5n17	24s25	1s27	12s57	4n14	22s59	1s 8	19n 4	1n24	20s55	0n55	23n37	0n17	13s54	1n43	20n47	17n21	23s28	23s26	18n21		n.a.
S 2	23 47	5 44	5 11	24 6	1 20	13 13	4 12	22 51	1 8	19 6	1 24	20 56	0 55	23 36	0 17	13 55	1 43	20 47	17 21	23 28	23 26	18 19		n.a.
S 3	23 45	10 43	4 47	23 44	1 12	13 30	4 10	22 43	1 8	19 8	1 24	20 58	0 55	23 36	0 17	13 55	1 43	20 48	17 22	23 28	23 26	18 17		n.a.
M 4	23 43	15 6	4 10	23 21	1 3	13 46	4 8	22 34	1 7	19 9	1 25	20 59	0 55	23 36	0 17	13 56	1 43	20 49	17 22	23 29	23 25	18 15		n.a.
T 5	23 41	18 41	3 21	22 56	0 53	14 3	4 6	22 25	1 7	19 11	1 25	21 0	0 55	23 36	0 17	13 56	1 43	20 49	17 23	23 29	23 25	18 13		n.a.
W 6	23 38	21 21	2 23	22 30	0 43	14 20	4 4	22 16	1 7	19 13	1 25	21 1	0 55	23 36	0 17	13 57	1 43	20 50	17 23	23 29	23 25	18 12		n.a.
T 7	23 34	22 59	1 20	22 3	0 31	14 36	4 1	22 6	1 7	19 14	1 25	21 2	0 55	23 35	0 17	13 57	1 43	20 50	17 24	23 29	23 25	18 10		n.a.
F 8	23 30	23 31	0 14	21 34	0 19	14 53	3 59	21 56	1 6	19 16	1 26	21 3	0 55	23 35	0 17	13 58	1 43	20 51	17 24	23 29	23 24	18 8		n.a.
S 9	23 26	22 56	0s52	21 5	0 6	15 10	3 56	21 47	1 6	19 18	1 26	21 4	0 55	23 35	0 17	13 58	1 43	20 52	17 25	23 29	23 24	18 6		n.a.
S 10	23 21	21 20	1 56	20 36	0n 7	15 26	3 53	21 36	1 6	19 20	1 26	21 5	0 55	23 35	0 17	13 58	1 43	20 52	17 26	23 29	23 24	18 4		n.a.
M11	23 16	18 48	2 53	20 6	0 22	15 43	3 51	21 26	1 6	19 22	1 26	21 6	0 55	23 35	0 17	13 59	1 43	20 53	17 26	23 29	23 24	18 2		n.a.
T 12	23 10	15 30	3 44	19 37	0 37	15 59	3 47	21 15	1 5	19 24	1 27	21 7	0 55	23 34	0 17	13 59	1 43	20 54	17 27	23 28	23 23	18 0		n.a.
W13	23 4	11 36	4 24	19 8	0 53	16 16	3 44	21 4	1 5	19 26	1 27	21 8	0 55	23 34	0 17	13 59	1 43	20 54	17 27	23 28	23 23	17 58		n.a.
T 14	22 57	7 14	4 53	18 41	1 9	16 32	3 41	20 53	1 5	19 28	1 27	21 9	0 55	23 34	0 17	14 0	1 43	20 55	17 28	23 28	23 23	17 56		n.a.
F 15	22 50	2 34	5 10	18 15	1 25	16 48	3 38	20 42	1 5	19 30	1 27	21 10	0 55	23 34	0 17	14 0	1 43	20 56	17 28	23 27	23 23	17 54		n.a.
S 16	22 42	2s15	5 13	17 51	1 41	17 4	3 34	20 31	1 4	19 32	1 28	21 11	0 55	23 34	0 17	14 0	1 43	20 56	17 29	23 27	23 22	17 52		n.a.
S 17	22 34	7 4	5 2	17 30	1 58	17 20	3 31	20 19	1 4	19 34	1 28	21 12	0 55	23 33	0 17	14 1	1 44	20 57	17 29	23 27	23 22	17 50		n.a.
M18	22 26	11 43	4 36	17 10	2 14	17 35	3 27	20 7	1 4	19 36	1 28	21 13	0 55	23 33	0 17	14 1	1 44	20 58	17 30	23 27	23 22	17 48		n.a.
T 19	22 17	15 57	3 55	16 54	2 30	17 51	3 24	19 55	1 3	19 38	1 28	21 14	0 55	23 33	0 17	14 1	1 44	20 58	17 30	23 27	23 22	17 46		n.a.
W20	22 8	19 32	3 1	16 41	2 45	18 6	3 20	19 43	1 3	19 40	1 28	21 15	0 55	23 33	0 17	14 2	1 44	20 59	17 31	23 27	23 21	17 44		n.a.
T 21	21 58	22 7	1 54	16 30	2 59	18 20	3 16	19 30	1 3	19 42	1 28	21 16	0 55	23 33	0 17	14 2	1 44	21 0	17 31	23 27	23 21	17 42		n.a.
F 22	21 48	23 23	0 38	16 24	3 12	18 35	3 12	19 17	1 2	19 44	1 29	21 17	0 55	23 32	0 17	14 2	1 44	21 1	17 32	23 27	23 21	17 40		n.a.
S 23	21 38	23 5	0n43	16 20	3 23	18 49	3 8	19 5	1 2	19 46	1 29	21 18	0 55	23 32	0 17	14 3	1 44	21 1	17 32	23 27	23 21	17 38		n.a.
S 24	21 27	21 8	2 2	16 20	3 33	19 3	3 4	18 52	1 2	19 48	1 29	21 19	0 55	23 32	0 17	14 3	1 44	21 2	17 33	23 27	23 20	17 36		n.a.
M25	21 16	17 39	3 13	16 23	3 41	19 17	3 0	18 38	1 1	19 50	1 29	21 20	0 55	23 32	0 17	14 3	1 44	21 3	17 33	23 27	23 20	17 34		n.a.
T 26	21 4	12 58	4 10	16 28	3 47	19 30	2 56	18 25	1 1	19 53	1 29	21 20	0 55	23 32	0 17	14 3	1 44	21 4	17 34	23 27	23 20	17 32		n.a.
W27	20 52	7 32	4 50	16 36	3 52	19 43	2 52	18 11	1 1	19 55	1 29	21 21	0 55	23 32	0 17	14 3	1 44	21 5	17 34	23 26	23 20	17 30		n.a.
T 28	20 40	1 48	5 9	16 47	3 54	19 55	2 48	17 58	1 0	19 57	1 30	21 22	0 55	23 31	0 17	14 4	1 44	21 5	17 35	23 26	23 19	17 28		n.a.
F 29	20 27	3n53	5 8	17 0	3 53	20 7	2 43	17 44	1 0	19 59	1 30	21 23	0 55	23 31	0 17	14 4	1 44	21 6	17 35	23 25	23 19	17 26		n.a.
S 30	20 14	9 11	4 48	17 14	3 51	20 19	2 39	17 30	1 0	20 1	1 30	21 24	0 55	23 31	0 17	14 4	1 44	21 7	17 36	23 25	23 19	17 24		n.a.
S 31	20s 0	13n52	4n13	17s30	3n47	20s30	2n35	17s15	0s59	20n 3	1n30	21s24	0n55	23n31	0n17	14s 4	1n44	21n 8	17n36	23s25	23s18	17n22		n.a.

Julian Day Number = 1361286.5, Delta T = 06h58m43s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°41'17, Lahiri = -17°34'16 Julian Calendar 1 Jan. 986 BCE == Greg. Calendar 23 Dec. 987 BCE

The year -985 astronomical counting style corresponds to year 986 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 986 BCE
geocentric

FEBRUARY 986 BCE (-985) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 4 38	3♒ 5'19	8♉19	25°R26	17♐ 7	16♒40	7°R39	10♐10	17°R36	12♏10	17°R24	19°D49	18♐28	29♋16	n.a.	M 1
T 2	8 8 35	4° 5'09	20°56	24♊33	18°11	17°26	7♌31	10°15	17♊35	12°11	17♍23	19♐50	18°25	29°23	n.a.	T 2
W 3	8 12 31	5° 4'57	3♋14	23°44	19°16	18°12	7°23	10°20	17°33	12°11	17°22	19°52	18°21	29°30	n.a.	W 3
T 4	8 16 28	6° 4'42	15°20	23° 1	20°21	18°58	7°15	10°25	17°32	12°12	17°21	19°R53	18°18	29°36	n.a.	T 4
F 5	8 20 25	7° 4'25	27°16	22°23	21°27	19°43	7° 8	10°30	17°30	12°13	17°19	19°52	18°15	29°43	n.a.	F 5
S 6	8 24 21	8° 4'06	9♋ 7	21°52	22°32	20°29	7° 0	10°35	17°29	12°13	17°18	19°50	18°12	29°50	n.a.	S 6
S 7	8 28 18	9° 3'45	20°56	21°27	23°38	21°15	6°52	10°40	17°28	12°14	17°17	19°46	18° 9	29°56	n.a.	S 7
M 8	8 32 14	10° 3'21	2♌45	21° 8	24°44	22° 0	6°44	10°45	17°26	12°14	17°16	19°39	18° 6	0♌ 3	n.a.	M 8
T 9	8 36 11	11° 2'55	14°37	20°56	25°50	22°46	6°37	10°49	17°25	12°15	17°15	19°31	18° 2	0°10	n.a.	T 9
W10	8 40 7	12° 2'27	26°33	20°50	26°56	23°32	6°29	10°54	17°24	12°15	17°13	19°21	17°59	0°17	n.a.	W10
T 11	8 44 4	13° 1'56	8♍34	20°D50	28° 2	24°17	6°21	10°58	17°23	12°16	17°12	19°10	17°56	0°23	n.a.	T 11
F 12	8 48 0	14° 1'24	20°42	20°55	29° 9	25° 2	6°13	11° 3	17°22	12°16	17°11	19° 0	17°53	0°30	n.a.	F 12
S 13	8 51 57	15° 0'50	3♎ 0	21° 7	0♏16	25°48	6° 6	11° 7	17°21	12°16	17° 9	18°51	17°50	0°37	n.a.	S 13
S 14	8 55 53	16° 0'13	15°28	21°24	1°23	26°33	5°58	11°11	17°20	12°16	17° 8	18°45	17°46	0°43	n.a.	S 14
M15	8 59 50	16°59'35	28° 9	21°45	2°30	27°19	5°50	11°16	17°19	12°17	17° 7	18°41	17°43	0°50	n.a.	M15
T 16	9 3 47	17°58'55	11♏ 8	22°12	3°37	28° 4	5°43	11°20	17°18	12°17	17° 5	18°39	17°40	0°57	n.a.	T 16
W17	9 7 43	18°58'13	24°26	22°43	4°44	28°49	5°36	11°24	17°17	12°17	17° 4	18°D39	17°37	1° 3	n.a.	W17
T 18	9 11 40	19°57'29	8♐ 7	23°18	5°52	29°34	5°28	11°28	17°16	12°17	17° 2	18°39	17°34	1°10	n.a.	T 18
F 19	9 15 36	20°56'44	22°12	23°58	6°59	0♓19	5°21	11°32	17°15	12°17	17° 1	18°R40	17°31	1°17	n.a.	F 19
S 20	9 19 33	21°55'56	6♑41	24°41	8° 7	1° 4	5°14	11°35	17°14	12°17	16°59	18°38	17°27	1°23	n.a.	S 20
S 21	9 23 29	22°55'07	21°32	25°28	9°15	1°49	5° 6	11°39	17°14	12°18	16°58	18°35	17°24	1°30	n.a.	S 21
M22	9 27 26	23°54'15	6♒38	26°18	10°23	2°34	4°59	11°43	17°13	12°R18	16°56	18°29	17°21	1°37	n.a.	M22
T 23	9 31 22	24°53'21	21°51	27°11	11°31	3°19	4°52	11°46	17°13	12°18	16°55	18°20	17°18	1°43	n.a.	T 23
W24	9 35 19	25°52'25	6♓59	28° 8	12°39	4° 4	4°45	11°50	17°12	12°18	16°53	18°10	17°15	1°50	n.a.	W24
T 25	9 39 16	26°51'27	21°53	29° 7	13°47	4°49	4°39	11°53	17°12	12°17	16°52	18° 0	17°12	1°57	n.a.	T 25
F 26	9 43 12	27°50'27	6♈24	0♒ 9	14°55	5°34	4°32	11°57	17°11	12°17	16°50	17°50	17° 8	2° 3	n.a.	F 26
S 27	9 47 9	28°49'24	20°27	1°13	16° 4	6°19	4°25	12° 0	17°11	12°17	16°49	17°43	17° 5	2°10	n.a.	S 27
S 28	9 51 5	29♒48'19	4♉ 0	2♒20	17♑12	7♓ 3	4♌19	12♐ 3	17♊11	12♏17	16♍47	17♐38	17♐ 2	2♌17	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s46	17n45	3n26	17s46	3n41	20s41	2n30	17s 1	0s59	20n 6	1n30	21s25	0n55	23n31	0n17	14s 4	1n44	21n 9	17n36	23s25	23s18	17n20		n.a.
T 2	19 32	20 41	2 31	18 3	3 33	20 51	2 26	16 46	0 58	20 8	1 30	21 26	0 55	23 31	0 17	14 5	1 44	21 9	17 37	23 25	23 18	17 18		n.a.
W 3	19 18	22 35	1 29	18 21	3 24	21 1	2 21	16 32	0 58	20 10	1 30	21 27	0 55	23 30	0 17	14 5	1 44	21 10	17 37	23 25	23 18	17 16		n.a.
T 4	19 3	23 24	0 25	18 38	3 13	21 11	2 17	16 17	0 58	20 12	1 30	21 27	0 55	23 30	0 17	14 5	1 44	21 11	17 38	23 25	23 17	17 14		n.a.
F 5	18 47	23 7	0s40	18 56	3 2	21 20	2 13	16 2	0 57	20 14	1 30	21 28	0 55	23 30	0 17	14 5	1 44	21 12	17 38	23 25	23 17	17 11		n.a.
S 6	18 32	21 48	1 42	19 13	2 50	21 28	2 8	15 47	0 57	20 16	1 31	21 29	0 55	23 30	0 17	14 5	1 45	21 13	17 38	23 25	23 17	17 9		n.a.
S 7	18 16	19 32	2 40	19 30	2 37	21 36	2 4	15 32	0 56	20 18	1 31	21 30	0 55	23 30	0 17	14 5	1 45	21 13	17 39	23 25	23 16	17 7		n.a.
M 8	18 0	16 27	3 30	19 46	2 23	21 43	1 59	15 16	0 56	20 20	1 31	21 30	0 55	23 30	0 17	14 5	1 45	21 14	17 39	23 24	23 16	17 5		n.a.
T 9	17 44	12 42	4 11	20 1	2 10	21 50	1 54	15 1	0 56	20 22	1 31	21 31	0 55	23 30	0 17	14 5	1 45	21 15	17 40	23 23	23 16	17 3		n.a.
W10	17 27	8 27	4 42	20 16	1 56	21 57	1 50	14 45	0 55	20 24	1 31	21 32	0 55	23 29	0 17	14 6	1 45	21 16	17 40	23 23	23 16	17 1		n.a.
T 11	17 10	3 51	5 0	20 30	1 42	22 2	1 45	14 29	0 55	20 26	1 31	21 32	0 55	23 29	0 17	14 6	1 45	21 17	17 40	23 22	23 15	16 59		n.a.
F 12	16 53	0s56	5 5	20 43	1 28	22 8	1 41	14 14	0 54	20 28	1 31	21 33	0 55	23 29	0 17	14 6	1 45	21 18	17 41	23 21	23 15	16 57		n.a.
S 13	16 35	5 43	4 56	20 54	1 14	22 12	1 36	13 58	0 54	20 30	1 31	21 33	0 55	23 29	0 17	14 6	1 45	21 18	17 41	23 20	23 15	16 55		n.a.
S 14	16 17	10 22	4 33	21 5	1 1	22 17	1 32	13 42	0 53	20 32	1 31	21 34	0 55	23 29	0 17	14 6	1 45	21 19	17 41	23 20	23 14	16 53		n.a.
M15	15 59	14 39	3 56	21 15	0 47	22 20	1 27	13 25	0 53	20 34	1 31	21 35	0 55	23 29	0 17	14 6	1 45	21 20	17 42	23 19	23 14	16 51		n.a.
T 16	15 41	18 21	3 7	21 23	0 34	22 23	1 23	13 9	0 53	20 36	1 31	21 35	0 55	23 29	0 17	14 6	1 45	21 21	17 42	23 19	23 14	16 49		n.a.
W17	15 22	21 12	2 6	21 30	0 22	22 25	1 18	12 53	0 52	20 38	1 31	21 36	0 55	23 29	0 17	14 6	1 45	21 22	17 42	23 19	23 14	16 47		n.a.
T 18	15 3	22 55	0 56	21 37	0 9	22 27	1 14	12 36	0 52	20 40	1 31	21 36	0 55	23 29	0 17	14 6	1 45	21 23	17 42	23 19	23 13	16 45		n.a.
F 19	14 44	23 16	0n19	21 41	0s 2	22 28	1 9	12 20	0 51	20 42	1 31	21 37	0 55	23 29	0 17	14 6	1 45	21 24	17 43	23 19	23 13	16 43		n.a.
S 20	14 25	22 4	1 35	21 45	0 14	22 29	1 5	12 3	0 51	20 44	1 31	21 37	0 55	23 29	0 17	14 6	1 45	21 24	17 43	23 19	23 13	16 40		n.a.
S 21	14 5	19 20	2 46	21 47	0 25	22 29	1 0	11 46	0 50	20 45	1 31	21 38	0 55	23 28	0 17	14 6	1 45	21 25	17 43	23 19	23 12	16 38		n.a.
M22	13 46	15 15	3 46	21 48	0 35	22 28	0 56	11 29	0 50	20 47	1 31	21 38	0 55	23 28	0 17	14 6	1 45	21 26	17 43	23 18	23 12	16 36		n.a.
T 23	13 26	10 10	4 31	21 47	0 45	22 27	0 52	11 12	0 49	20 49	1 31	21 39	0 55	23 28	0 17	14 6	1 45	21 27	17 44	23 17	23 12	16 34		n.a.
W24	13 5	4 29	4 57	21 45	0 55	22 25	0 47	10 55	0 49	20 50	1 31	21 39	0 55	23 28	0 17	14 6	1 45	21 28	17 44	23 17	23 11	16 32		n.a.
T 25	12 45	1n21	5 2	21 42	1 4	22 22	0 43	10 38	0 48	20 52	1 31	21 40	0 55	23 28	0 17	14 5	1 46	21 28	17 44	23 16	23 11	16 30		n.a.
F 26	12 25	6 58	4 47	21 37	1 13	22 19	0 39	10 21	0 48	20 54	1 31	21 40	0 55	23 28	0 17	14 5	1 46	21 29	17 44	23 15	23 11	16 28		n.a.
S 27	12 4	12 2	4 15	21 31	1 21	22 16	0 34	10 4	0 47	20 55	1 31	21 41	0 55	23 28	0 17	14 5	1 46	21 30	17 45	23 14	23 10	16 26		n.a.
S 28	11s43	16n20	3n30	21s23	1s29	22s11	0n30	9s47	0s47	20n57	1n31	21s41	0n55	23n28	0n17	14s 5	1n46	21n31	17n45	23s14	23s10	16n24		n.a.

Julian Day Number = 1361317.5, Delta T = 06h58m42s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°41'13, Lahiri = -17°34'12 Julian Calendar 1 Feb. 986 BCE == Greg. Calendar 23 Jan. 986 BCE

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ASTRODIENST EPHEMERIS for the year 986 BCE
geocentric

MARCH 986 BCE (-985) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 55 2	0♓47'11	17♉ 5	3♒30	18♉21	7♓48	4°R12	12♐ 6	17°R10	12°R17	16°R45	17°R35	16♐59	2♌24	n.a.	M 1
T 2	9 58 58	1°46'01	29°44	4°41	19°30	8°33	4♌ 6	12° 9	17♊10	12♏17	16♍44	17°D35	16°56	2°30	n.a.	T 2
W 3	10 2 55	2°44'49	12♊ 3	5°55	20°38	9°17	4° 0	12°12	17°10	12°16	16°42	17°R35	16°52	2°37	n.a.	W 3
T 4	10 6 51	3°43'34	24° 7	7°11	21°47	10° 2	3°54	12°15	17°10	12°16	16°41	17♐35	16°49	2°44	n.a.	T 4
F 5	10 10 48	4°42'17	6♋ 1	8°29	22°56	10°46	3°48	12°17	17°D10	12°16	16°39	17°33	16°46	2°50	n.a.	F 5
S 6	10 14 44	5°40'57	17°50	9°49	24° 5	11°30	3°42	12°20	17°10	12°15	16°37	17°30	16°43	2°57	n.a.	S 6
S 7	10 18 41	6°39'36	29°38	11°11	25°14	12°15	3°37	12°23	17°10	12°15	16°36	17°24	16°40	3° 4	n.a.	S 7
M 8	10 22 38	7°38'12	11♌29	12°34	26°24	12°59	3°31	12°25	17°10	12°14	16°34	17°15	16°37	3°10	n.a.	M 8
T 9	10 26 34	8°36'45	23°25	14° 0	27°33	13°43	3°26	12°27	17°11	12°14	16°32	17° 3	16°33	3°17	n.a.	T 9
W10	10 30 31	9°35'17	5♍29	15°27	28°42	14°27	3°21	12°30	17°11	12°13	16°31	16°50	16°30	3°24	n.a.	W10
T 11	10 34 27	10°33'47	17°40	16°56	29°52	15°12	3°16	12°32	17°11	12°13	16°29	16°36	16°27	3°30	n.a.	T 11
F 12	10 38 24	11°32'14	0♎ 1	18°27	1♒ 1	15°56	3°11	12°34	17°11	12°12	16°27	16°23	16°24	3°37	n.a.	F 12
S 13	10 42 20	12°30'40	12°32	20° 0	2°11	16°40	3° 6	12°36	17°12	12°12	16°26	16°11	16°21	3°44	n.a.	S 13
S 14	10 46 17	13°29'03	25°12	21°34	3°21	17°24	3° 2	12°38	17°12	12°11	16°24	16° 2	16°17	3°50	n.a.	S 14
M15	10 50 13	14°27'25	8♏ 5	23°10	4°30	18° 8	2°57	12°39	17°13	12°10	16°22	15°56	16°14	3°57	n.a.	M15
T 16	10 54 10	15°25'45	21°10	24°48	5°40	18°51	2°53	12°41	17°13	12°10	16°21	15°52	16°11	4° 4	n.a.	T 16
W17	10 58 6	16°24'04	4♐31	26°27	6°50	19°35	2°49	12°43	17°14	12° 9	16°19	15°51	16° 8	4°11	n.a.	W17
T 18	11 2 3	17°22'21	18° 8	28° 8	8° 0	20°19	2°45	12°44	17°15	12° 8	16°17	15°51	16° 5	4°17	n.a.	T 18
F 19	11 6 0	18°20'36	2♑ 3	29°51	9°10	21° 3	2°42	12°46	17°15	12° 8	16°15	15°50	16° 2	4°24	n.a.	F 19
S 20	11 9 56	19°18'50	16°18	1♓36	10°20	21°46	2°38	12°47	17°16	12° 7	16°14	15°49	15°58	4°31	n.a.	S 20
S 21	11 13 53	20°17'02	0♒50	3°22	11°30	22°30	2°35	12°48	17°17	12° 6	16°12	15°45	15°55	4°37	n.a.	S 21
M22	11 17 49	21°15'13	15°37	5°10	12°40	23°14	2°31	12°49	17°18	12° 5	16°10	15°38	15°52	4°44	n.a.	M22
T 23	11 21 46	22°13'22	0♓30	6°59	13°50	23°57	2°28	12°50	17°19	12° 4	16° 9	15°29	15°49	4°51	n.a.	T 23
W24	11 25 42	23°11'29	15°23	8°51	15° 1	24°41	2°25	12°51	17°20	12° 3	16° 7	15°18	15°46	4°57	n.a.	W24
T 25	11 29 39	24° 9'34	0♈ 6	10°44	16°11	25°24	2°23	12°52	17°21	12° 2	16° 5	15° 7	15°43	5° 4	n.a.	T 25
F 26	11 33 35	25° 7'37	14°31	12°39	17°21	26° 7	2°20	12°53	17°22	12° 2	16° 4	14°56	15°39	5°11	n.a.	F 26
S 27	11 37 32	26° 5'39	28°33	14°36	18°32	26°51	2°18	12°53	17°23	12° 1	16° 2	14°48	15°36	5°17	n.a.	S 27
S 28	11 41 29	27° 3'38	12♉ 7	16°34	19°42	27°34	2°16	12°54	17°24	12° 0	16° 0	14°41	15°33	5°24	n.a.	S 28
M29	11 45 25	28° 1'36	25°15	18°34	20°53	28°17	2°14	12°54	17°26	11°59	15°59	14°38	15°30	5°31	n.a.	M29
T 30	11 49 22	28°59'32	7♊57	20°35	22° 3	29° 0	2°12	12°55	17°27	11°57	15°57	14°37	15°27	5°37	n.a.	T 30
W31	11 53 18	29♓57'26	20♊19	22♓38	23♒14	29♓44	2♌10	12♐55	17♊28	11♏56	15♍55	14°D37	15♐23	5♌44	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	11s22	19n40	2n35	21s14	1s36	22s 6	0n26	9s29	0s46	20n58	1n31	21s41	0n55	23n28	0n17	14s 5	1n46	21n32	17n45	23s13	23s10	16n22			n.a.
T 2	11 1	21 56	1 33	21 3	1 43	22 1	0 22	9 12	0 46	21 0	1 31	21 42	0 55	23 28	0 17	14 5	1 46	21 33	17 45	23 13	23 10	16 19			n.a.
W 3	10 39	23 4	0 29	20 50	1 49	21 54	0 18	8 55	0 45	21 1	1 31	21 42	0 55	23 28	0 17	14 5	1 46	21 33	17 45	23 13	23 9	16 17			n.a.
T 4	10 18	23 6	0s35	20 36	1 55	21 48	0 14	8 37	0 45	21 3	1 30	21 42	0 55	23 28	0 17	14 5	1 46	21 34	17 45	23 13	23 9	16 15			n.a.
F 5	9 56	22 4	1 36	20 21	2 0	21 40	0 10	8 19	0 44	21 4	1 30	21 43	0 55	23 28	0 17	14 5	1 46	21 35	17 45	23 13	23 9	16 13			n.a.
S 6	9 34	20 4	2 33	20 4	2 5	21 32	0 6	8 2	0 44	21 5	1 30	21 43	0 55	23 28	0 17	14 4	1 46	21 36	17 46	23 13	23 8	16 11			n.a.
S 7	9 12	17 14	3 23	19 45	2 9	21 23	0 2	7 44	0 43	21 6	1 30	21 43	0 55	23 28	0 17	14 4	1 46	21 36	17 46	23 12	23 8	16 9			n.a.
M 8	8 50	13 41	4 4	19 25	2 13	21 14	0s 2	7 27	0 43	21 8	1 30	21 44	0 55	23 28	0 17	14 4	1 46	21 37	17 46	23 11	23 8	16 7			n.a.
T 9	8 28	9 36	4 35	19 3	2 16	21 4	0 6	7 9	0 42	21 9	1 30	21 44	0 55	23 28	0 17	14 4	1 46	21 38	17 46	23 10	23 7	16 5			n.a.
W10	8 6	5 6	4 54	18 39	2 18	20 54	0 9	6 51	0 42	21 10	1 30	21 44	0 55	23 28	0 17	14 4	1 46	21 39	17 46	23 9	23 7	16 3			n.a.
T 11	7 43	0 21	5 0	18 14	2 21	20 43	0 13	6 33	0 41	21 11	1 30	21 45	0 55	23 28	0 17	14 3	1 46	21 39	17 46	23 8	23 7	16 0			n.a.
F 12	7 21	4s27	4 52	17 47	2 22	20 31	0 17	6 15	0 41	21 12	1 30	21 45	0 55	23 28	0 17	14 3	1 46	21 40	17 46	23 6	23 6	15 58			n.a.
S 13	6 58	9 9	4 29	17 18	2 23	20 19	0 20	5 58	0 40	21 13	1 30	21 45	0 55	23 28	0 17	14 3	1 46	21 41	17 46	23 5	23 6	15 56			n.a.
S 14	6 35	13 31	3 54	16 48	2 24	20 6	0 24	5 40	0 40	21 14	1 29	21 45	0 55	23 28	0 17	14 3	1 46	21 42	17 46	23 4	23 6	15 54			n.a.
M15	6 13	17 20	3 5	16 16	2 24	19 52	0 27	5 22	0 39	21 15	1 29	21 46	0 55	23 28	0 17	14 3	1 46	21 42	17 46	23 3	23 5	15 52			n.a.
T 16	5 50	20 22	2 6	15 43	2 24	19 39	0 31	5 4	0 39	21 16	1 29	21 46	0 55	23 28	0 17	14 2	1 46	21 43	17 46	23 3	23 5	15 50			n.a.
W17	5 27	22 21	1 0	15 8	2 23	19 24	0 34	4 46	0 38	21 17	1 29	21 46	0 55	23 28	0 17	14 2	1 47	21 44	17 46	23 3	23 5	15 48			n.a.
T 18	5 4	23 4	0n12	14 31	2 21	19 9	0 37	4 28	0 38	21 17	1 29	21 46	0 55	23 28	0 17	14 2	1 47	21 44	17 46	23 3	23 4	15 45			n.a.
F 19	4 41	22 23	1 25	13 52	2 19	18 53	0 40	4 10	0 37	21 18	1 29	21 46	0 55	23 28	0 17	14 1	1 47	21 45	17 46	23 3	23 4	15 43			n.a.
S 20	4 18	20 16	2 33	13 12	2 17	18 37	0 43	3 52	0 36	21 19	1 29	21 46	0 55	23 29	0 17	14 1	1 47	21 46	17 46	23 3	23 4	15 41			n.a.
S 21	3 54	16 48	3 34	12 30	2 14	18 21	0 47	3 34	0 36	21 19	1 28	21 47	0 55	23 29	0 17	14 1	1 47	21 46	17 46	23 2	23 3	15 39			n.a.
M22	3 31	12 15	4 21	11 46	2 10	18 4	0 49	3 16	0 35	21 20	1 28	21 47	0 55	23 29	0 17	14 1	1 47	21 47	17 46	23 1	23 3	15 37			n.a.
T 23	3 8	6 56	4 51	11 1	2 6	17 46	0 52	2 58	0 35	21 21	1 28	21 47	0 55	23 29	0 17	14 0	1 47	21 48	17 46	23 0	23 3	15 35			n.a.
W24	2 45	1 14	5 1	10 14	2 1	17 28	0 55	2 40	0 34	21 21	1 28	21 47	0 55	23 29	0 17	14 0	1 47	21 48	17 46	22 59	23 2	15 32			n.a.
T 25	2 21	4n28	4 51	9 26	1 56	17 9	0 58	2 22	0 34	21 22	1 28	21 47	0 55	23 29	0 17	14 0	1 47	21 49	17 46	22 58	23 2	15 30			n.a.
F 26	1 58	9 49	4 22	8 36	1 50	16 50	1 1	2 4	0 33	21 22	1 28	21 47	0 55	23 29	0 17	13 59	1 47	21 49	17 46	22 57	23 2	15 28			n.a.
S 27	1 35	14 31	3 38	7 45	1 43	16 31	1 3	1 46	0 33	21 22	1 28	21 47	0 55	23 29	0 17	13 59	1 47	21 50	17 46	22 56	23 1	15 26			n.a.
S 28	1 11	18 17	2 43	6 52	1 36	16 11	1 6	1 28	0 32	21 23	1 27	21 47	0 55	23 29	0 17	13 59	1 47	21 50	17 46	22 55	23 1	15 24			n.a.
M29	0 48	21 0	1 41	5 57	1 29	15 50	1 8	1 10	0 31	21 23	1 27	21 47	0 55	23 29	0 17	13 58	1 47	21 51	17 45	22 55	23 1	15 22			n.a.
T 30	0 24	22 33	0 35	5 2	1 21	15 29	1 11	0 52	0 31	21 23	1 27	21 47	0 55	23 30	0 17	13 58	1 47	21 52	17 45	22 55	23 0	15 19			n.a.
W31	0s 1	22n57	0s30	4s 5	1s13	15s 8	1s13	0s34	0s30	21n24	1n27	21s47	0n55	23n30	0n17	13s58	1n47	21n52	17n45	22s55	23s 0	15n17			n.a.

Julian Day Number = 1361345.5, Delta T = 06h58m40s
Ecliptic obliquity = 23°48'45, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°41'09, Lahiri = -17°34'08 Julian Calendar 1 March 986 BCE == Greg. Calendar 20 Feb. 986 BCE

The year -985 astronomical counting style corresponds to year 986 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 986 BCE
geocentric

APRIL 986 BCE (-985) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 57 15	0♈55'17	2♋25	24♓43	24♒24	0♈27	2°R 9	12♐55	17♊30	11°R55	15°R54	14°R37	15♐20	5♌51	n.a.	T 1
F 2	12 1 11	1°53'07	14°21	26°49	25°35	1°10	2♌ 8	12°R55	17°31	11♏54	15♍52	14♐36	15°17	5°58	n.a.	F 2
S 3	12 5 8	2°50'56	26°11	28°56	26°46	1°53	2° 7	12°55	17°33	11°53	15°51	14°34	15°14	6° 4	n.a.	S 3
S 4	12 9 4	3°48'42	8♌ 1	1♈ 4	27°56	2°35	2° 6	12°55	17°34	11°52	15°49	14°29	15°11	6°11	n.a.	S 4
M 5	12 13 1	4°46'26	19°55	3°14	29° 7	3°18	2° 5	12°55	17°36	11°51	15°47	14°21	15° 8	6°18	n.a.	M 5
T 6	12 16 58	5°44'09	1♍57	5°23	0♓18	4° 1	2° 5	12°54	17°37	11°49	15°46	14°12	15° 4	6°24	n.a.	T 6
W 7	12 20 54	6°41'50	14° 8	7°34	1°29	4°44	2° 4	12°54	17°39	11°48	15°44	14° 1	15° 1	6°31	n.a.	W 7
T 8	12 24 51	7°39'29	26°31	9°44	2°40	5°26	2°D 4	12°53	17°41	11°47	15°43	13°49	14°58	6°38	n.a.	T 8
F 9	12 28 47	8°37'07	9♎ 7	11°55	3°51	6° 9	2° 4	12°53	17°42	11°46	15°41	13°38	14°55	6°44	n.a.	F 9
S 10	12 32 44	9°34'43	21°55	14° 5	5° 2	6°52	2° 4	12°52	17°44	11°44	15°40	13°28	14°52	6°51	n.a.	S 10
S 11	12 36 40	10°32'18	4♏54	16°15	6°13	7°34	2° 5	12°51	17°46	11°43	15°38	13°20	14°49	6°58	n.a.	S 11
M12	12 40 37	11°29'52	18° 6	18°24	7°24	8°17	2° 5	12°50	17°48	11°42	15°37	13°15	14°45	7° 4	n.a.	M12
T 13	12 44 33	12°27'25	1♐28	20°32	8°35	8°59	2° 6	12°49	17°50	11°40	15°35	13°12	14°42	7°11	n.a.	T 13
W14	12 48 30	13°24'57	15° 2	22°38	9°46	9°42	2° 7	12°48	17°52	11°39	15°34	13°D12	14°39	7°18	n.a.	W14
T 15	12 52 26	14°22'27	28°47	24°43	10°57	10°24	2° 8	12°47	17°54	11°38	15°32	13°12	14°36	7°25	n.a.	T 15
F 16	12 56 23	15°19'57	12♑43	26°46	12° 9	11° 6	2°10	12°45	17°56	11°36	15°31	13°R13	14°33	7°31	n.a.	F 16
S 17	13 0 20	16°17'26	26°51	28°47	13°20	11°48	2°11	12°44	17°58	11°35	15°30	13°12	14°29	7°38	n.a.	S 17
S 18	13 4 16	17°14'53	11♒ 9	0♉46	14°31	12°31	2°13	12°43	18° 0	11°34	15°28	13°10	14°26	7°45	n.a.	S 18
M19	13 8 13	18°12'20	25°35	2°42	15°42	13°13	2°14	12°41	18° 3	11°32	15°27	13° 6	14°23	7°51	n.a.	M19
T 20	13 12 9	19° 9'46	10♓ 4	4°36	16°54	13°55	2°16	12°39	18° 5	11°31	15°26	12°59	14°20	7°58	n.a.	T 20
W21	13 16 6	20° 7'11	24°32	6°28	18° 5	14°37	2°19	12°38	18° 7	11°29	15°24	12°52	14°17	8° 5	n.a.	W21
T 22	13 20 2	21° 4'35	8♈51	8°16	19°17	15°19	2°21	12°36	18°10	11°28	15°23	12°43	14°14	8°11	n.a.	T 22
F 23	13 23 59	22° 1'58	22°57	10° 2	20°28	16° 1	2°24	12°34	18°12	11°26	15°22	12°36	14°10	8°18	n.a.	F 23
S 24	13 27 55	22°59'20	6♉43	11°45	21°40	16°43	2°26	12°32	18°14	11°25	15°20	12°29	14° 7	8°25	n.a.	S 24
S 25	13 31 52	23°56'40	20° 9	13°26	22°51	17°25	2°29	12°30	18°17	11°23	15°19	12°25	14° 4	8°32	n.a.	S 25
M26	13 35 49	24°54'00	3♊11	15° 3	24° 3	18° 6	2°32	12°28	18°19	11°22	15°18	12°23	14° 1	8°38	n.a.	M26
T 27	13 39 45	25°51'19	15°53	16°38	25°14	18°48	2°35	12°25	18°22	11°20	15°17	12°D23	13°58	8°45	n.a.	T 27
W28	13 43 42	26°48'37	28°15	18° 9	26°26	19°30	2°39	12°23	18°24	11°19	15°16	12°23	13°54	8°52	n.a.	W28
T 29	13 47 38	27°45'53	10♋23	19°38	27°38	20°11	2°42	12°21	18°27	11°17	15°14	12°25	13°51	8°58	n.a.	T 29
F 30	13 51 35	28♈43'08	22♋21	21♉ 4	28♓49	20♈53	2♌46	12♐18	18♊30	11♏15	15♍13	12♐26	13♐48	9♌ 5	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n22	22n14	1s33	3s 7	1s 4	14s46	1s15	0s17	0s30	21n24	1n27	21s47	0n55	23n30	0n17	13s57	1n47	21n53	17n45	22s55	22s59	15n15		n.a.
F 2	0 46	20 31	2 31	2 7	0 55	14 24	1 17	0n 1	0 29	21 24	1 26	21 47	0 55	23 30	0 17	13 57	1 47	21 53	17 45	22 54	22 59	15 13		n.a.
S 3	1 9	17 56	3 22	1 7	0 45	14 1	1 19	0 19	0 29	21 24	1 26	21 47	0 55	23 30	0 17	13 56	1 47	21 54	17 45	22 54	22 59	15 11		n.a.
S 4	1 32	14 37	4 4	0 7	0 36	13 39	1 21	0 37	0 28	21 24	1 26	21 47	0 55	23 30	0 17	13 56	1 47	21 54	17 44	22 54	22 58	15 9		n.a.
M 5	1 56	10 43	4 36	0n55	0 25	13 15	1 23	0 55	0 27	21 24	1 26	21 47	0 55	23 30	0 17	13 56	1 47	21 54	17 44	22 53	22 58	15 6		n.a.
T 6	2 19	6 21	4 55	1 57	0 15	12 52	1 25	1 13	0 27	21 24	1 26	21 47	0 55	23 30	0 17	13 55	1 47	21 55	17 44	22 52	22 58	15 4		n.a.
W 7	2 42	1 42	5 2	2 59	0 5	12 28	1 27	1 30	0 26	21 24	1 26	21 47	0 55	23 31	0 17	13 55	1 47	21 55	17 44	22 50	22 57	15 2		n.a.
T 8	3 5	3s 6	4 55	4 1	0n 6	12 3	1 28	1 48	0 26	21 24	1 25	21 47	0 55	23 31	0 17	13 54	1 47	21 56	17 44	22 49	22 57	15 0		n.a.
F 9	3 28	7 50	4 33	5 2	0 17	11 39	1 30	2 6	0 25	21 23	1 25	21 47	0 55	23 31	0 17	13 54	1 47	21 56	17 43	22 47	22 57	14 58		n.a.
S 10	3 51	12 20	3 58	6 3	0 27	11 14	1 31	2 23	0 25	21 23	1 25	21 47	0 55	23 31	0 17	13 54	1 47	21 57	17 43	22 46	22 56	14 55		n.a.
S 11	4 14	16 19	3 9	7 4	0 38	10 48	1 33	2 41	0 24	21 23	1 25	21 47	0 55	23 31	0 17	13 53	1 47	21 57	17 43	22 45	22 56	14 53		n.a.
M12	4 37	19 34	2 10	8 4	0 48	10 23	1 34	2 58	0 23	21 23	1 25	21 47	0 55	23 31	0 17	13 53	1 47	21 57	17 43	22 45	22 56	14 51		n.a.
T 13	5 0	21 47	1 2	9 2	0 58	9 57	1 35	3 16	0 23	21 22	1 24	21 46	0 55	23 32	0 17	13 52	1 47	21 58	17 42	22 44	22 55	14 49		n.a.
W14	5 22	22 48	0n10	9 59	1 7	9 31	1 37	3 33	0 22	21 22	1 24	21 46	0 55	23 32	0 17	13 52	1 47	21 58	17 42	22 44	22 55	14 47		n.a.
T 15	5 45	22 26	1 22	10 54	1 17	9 4	1 38	3 51	0 22	21 21	1 24	21 46	0 55	23 32	0 17	13 51	1 47	21 58	17 42	22 44	22 54	14 44		n.a.
F 16	6 8	20 41	2 31	11 48	1 25	8 38	1 39	4 8	0 21	21 21	1 24	21 46	0 55	23 32	0 17	13 51	1 48	21 59	17 41	22 44	22 54	14 42		n.a.
S 17	6 30	17 39	3 32	12 40	1 34	8 11	1 40	4 25	0 20	21 20	1 24	21 46	0 55	23 32	0 17	13 50	1 48	21 59	17 41	22 44	22 54	14 40		n.a.
S 18	6 53	13 32	4 20	13 30	1 41	7 44	1 40	4 43	0 20	21 20	1 24	21 46	0 55	23 33	0 17	13 50	1 48	21 59	17 41	22 44	22 53	14 38		n.a.
M19	7 15	8 37	4 52	14 18	1 49	7 16	1 41	5 0	0 19	21 19	1 23	21 45	0 55	23 33	0 17	13 49	1 48	21 59	17 40	22 43	22 53	14 35		n.a.
T 20	7 37	3 12	5 5	15 3	1 55	6 49	1 42	5 17	0 19	21 19	1 23	21 45	0 55	23 33	0 17	13 49	1 48	22 0	17 40	22 43	22 53	14 33		n.a.
W21	7 59	2n22	5 0	15 47	2 1	6 21	1 42	5 34	0 18	21 18	1 23	21 45	0 55	23 33	0 17	13 49	1 48	22 0	17 40	22 42	22 52	14 31		n.a.
T 22	8 21	7 46	4 35	16 28	2 6	5 53	1 43	5 51	0 18	21 17	1 23	21 45	0 55	23 33	0 17	13 48	1 48	22 0	17 39	22 41	22 52	14 29		n.a.
F 23	8 43	12 40	3 54	17 6	2 10	5 25	1 43	6 8	0 17	21 16	1 23	21 45	0 55	23 34	0 17	13 48	1 48	22 0	17 39	22 40	22 51	14 27		n.a.
S 24	9 4	16 48	3 0	17 43	2 14	4 56	1 44	6 25	0 16	21 16	1 22	21 44	0 55	23 34	0 17	13 47	1 48	22 0	17 39	22 39	22 51	14 24		n.a.
S 25	9 26	19 56	1 57	18 17	2 17	4 28	1 44	6 42	0 16	21 15	1 22	21 44	0 55	23 34	0 17	13 47	1 48	22 0	17 38	22 38	22 51	14 22		n.a.
M26	9 47	21 56	0 49	18 49	2 19	3 59	1 44	6 59	0 15	21 14	1 22	21 44	0 55	23 34	0 17	13 46	1 48	22 1	17 38	22 38	22 50	14 20		n.a.
T 27	10 8	22 44	0s19	19 18	2 20	3 31	1 44	7 15	0 15	21 13	1 22	21 43	0 55	23 34	0 17	13 46	1 48	22 1	17 38	22 38	22 50	14 18		n.a.
W28	10 30	22 23	1 25	19 45	2 21	3 2	1 44	7 32	0 14	21 12	1 22	21 43	0 55	23 35	0 17	13 45	1 48	22 1	17 37	22 38	22 50	14 15		n.a.
T 29	10 50	20 59	2 26	20 10	2 21	2 33	1 44	7 48	0 13	21 11	1 21	21 43	0 55	23 35	0 17	13 45	1 48	22 1	17 37	22 38	22 49	14 13		n.a.
F 30	11n11	18n39	3s19	20n33	2n20	2s 4	1s44	8n 5	0s13	21n10	1n21	21s43	0n55	23n35	0n17	13s44	1n48	22n 1	17n36	22s38	22s49	14n11		n.a.

Julian Day Number = 1361376.5, Delta T = 06h58m39s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°41'05, Lahiri = -17°34'04 Julian Calendar 1 Apr. 986 BCE == Greg. Calendar 23 March 986 BCE

The year -985 astronomical counting style corresponds to year 986 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 986 BCE
geocentric

MAY 986 BCE (-985) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 55 31	29♈40'22	4♌13	22♉26	0♈ 1	21♈35	2♌50	12°R15	18♊32	11°R14	15°R12	12°R26	13♐45	9♌12	n.a.	S 1
S 2	13 59 28	0♉37'35	16° 5	23°46	1°13	22°16	2°54	12♐13	18°35	11♏12	15♍11	12♐25	13°42	9°18	n.a.	S 2
M 3	14 3 24	1°34'48	28° 1	25° 3	2°25	22°57	2°58	12°10	18°38	11°11	15°10	12°22	13°39	9°25	n.a.	M 3
T 4	14 7 21	2°31'59	10♍ 7	26°16	3°36	23°39	3° 3	12° 7	18°41	11° 9	15° 9	12°17	13°35	9°32	n.a.	T 4
W 5	14 11 18	3°29'09	22°24	27°26	4°48	24°20	3° 7	12° 4	18°43	11° 8	15° 8	12°11	13°32	9°39	n.a.	W 5
T 6	14 15 14	4°26'18	4♎56	28°33	6° 0	25° 2	3°12	12° 1	18°46	11° 6	15° 7	12° 5	13°29	9°45	n.a.	T 6
F 7	14 19 11	5°23'27	17°45	29°37	7°12	25°43	3°17	11°58	18°49	11° 4	15° 6	11°59	13°26	9°52	n.a.	F 7
S 8	14 23 7	6°20'35	0♏50	0♊37	8°24	26°24	3°22	11°55	18°52	11° 3	15° 5	11°53	13°23	9°59	n.a.	S 8
S 9	14 27 4	7°17'42	14°11	1°34	9°36	27° 5	3°27	11°52	18°55	11° 1	15° 5	11°49	13°20	10° 5	n.a.	S 9
M10	14 31 0	8°14'49	27°45	2°27	10°48	27°46	3°32	11°49	18°58	10°59	15° 4	11°47	13°16	10°12	n.a.	M10
T 11	14 34 57	9°11'56	11♐32	3°16	12° 0	28°27	3°37	11°45	19° 1	10°58	15° 3	11°D46	13°13	10°19	n.a.	T 11
W12	14 38 54	10° 9'02	25°28	4° 2	13°12	29° 8	3°43	11°42	19° 4	10°56	15° 2	11°47	13°10	10°25	n.a.	W12
T 13	14 42 50	11° 6'08	9♑32	4°44	14°24	29°49	3°49	11°39	19° 7	10°55	15° 1	11°48	13° 7	10°32	n.a.	T 13
F 14	14 46 47	12° 3'14	23°41	5°22	15°36	0♉30	3°55	11°35	19°10	10°53	15° 1	11°49	13° 4	10°39	n.a.	F 14
S 15	14 50 43	13° 0'20	7♒53	5°56	16°48	1°11	4° 1	11°32	19°13	10°51	15° 0	11°R50	13° 0	10°46	n.a.	S 15
S 16	14 54 40	13°57'26	22° 6	6°26	18° 0	1°52	4° 7	11°28	19°16	10°50	14°59	11°50	12°57	10°52	n.a.	S 16
M17	14 58 36	14°54'31	6♓18	6°51	19°12	2°33	4°13	11°24	19°20	10°48	14°59	11°49	12°54	10°59	n.a.	M17
T 18	15 2 33	15°51'37	20°26	7°12	20°25	3°13	4°19	11°21	19°23	10°47	14°58	11°46	12°51	11° 6	n.a.	T 18
W19	15 6 29	16°48'43	4♈27	7°29	21°37	3°54	4°26	11°17	19°26	10°45	14°57	11°43	12°48	11°12	n.a.	W19
T 20	15 10 26	17°45'49	18°19	7°41	22°49	4°35	4°33	11°13	19°29	10°43	14°57	11°40	12°45	11°19	n.a.	T 20
F 21	15 14 23	18°42'55	1♉58	7°49	24° 2	5°15	4°39	11° 9	19°33	10°42	14°56	11°36	12°41	11°26	n.a.	F 21
S 22	15 18 19	19°40'01	15°23	7°R51	25°14	5°56	4°46	11° 5	19°36	10°40	14°56	11°34	12°38	11°32	n.a.	S 22
S 23	15 22 16	20°37'06	28°30	7°50	26°26	6°37	4°54	11° 1	19°39	10°39	14°56	11°32	12°35	11°39	n.a.	S 23
M24	15 26 12	21°34'12	11♊20	7°44	27°39	7°17	5° 1	10°57	19°43	10°37	14°55	11°D32	12°32	11°46	n.a.	M24
T 25	15 30 9	22°31'18	23°53	7°33	28°51	7°57	5° 8	10°53	19°46	10°35	14°55	11°32	12°29	11°53	n.a.	T 25
W26	15 34 5	23°28'23	6♋12	7°18	0♉ 4	8°38	5°16	10°49	19°49	10°34	14°54	11°33	12°26	11°59	n.a.	W26
T 27	15 38 2	24°25'29	18°18	6°59	1°16	9°18	5°23	10°45	19°53	10°32	14°54	11°35	12°22	12° 6	n.a.	T 27
F 28	15 41 58	25°22'34	0♌16	6°36	2°29	9°58	5°31	10°41	19°56	10°31	14°54	11°36	12°19	12°13	n.a.	F 28
S 29	15 45 55	26°19'39	12° 8	6° 9	3°41	10°39	5°39	10°37	20° 0	10°29	14°54	11°37	12°16	12°19	n.a.	S 29
S 30	15 49 52	27°16'44	24° 1	5°40	4°54	11°19	5°47	10°32	20° 3	10°28	14°53	11°R38	12°13	12°26	n.a.	S 30
M31	15 53 48	28♉13'49	5♍58	5♊ 7	6♉ 7	11♉59	5♌55	10♐28	20♊ 6	10♏26	14♍53	11♐38	12♐10	12♌33	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n32	15n33	4s 4	20n54	2n18	1s35	1s44	8n21	0s12	21n 9	1n21	21s42	0n55	23n35	0n17	13s44	1n48	22n 1	17n36	22s38	22s48	14n 9		n.a.
S 2	11 52	11 51	4 38	21 12	2 16	1 6	1 44	8 37	0 12	21 8	1 21	21 42	0 55	23 36	0 17	13 43	1 48	22 1	17 35	22 38	22 48	14 6		n.a.
M 3	12 12	7 39	5 0	21 28	2 13	0 36	1 43	8 54	0 11	21 6	1 21	21 42	0 55	23 36	0 17	13 43	1 48	22 1	17 35	22 38	22 48	14 4		n.a.
T 4	12 32	3 7	5 10	21 42	2 9	0 7	1 43	9 10	0 10	21 5	1 21	21 41	0 55	23 36	0 17	13 42	1 48	22 1	17 35	22 37	22 47	14 2		n.a.
W 5	12 52	1s36	5 5	21 54	2 4	0n22	1 42	9 26	0 10	21 4	1 20	21 41	0 55	23 36	0 17	13 42	1 48	22 1	17 34	22 36	22 47	14 0		n.a.
T 6	13 12	6 21	4 46	22 4	1 59	0 52	1 42	9 42	0 9	21 3	1 20	21 40	0 55	23 37	0 17	13 41	1 48	22 1	17 34	22 35	22 46	13 57		n.a.
F 7	13 31	10 56	4 12	22 13	1 52	1 21	1 41	9 57	0 9	21 1	1 20	21 40	0 55	23 37	0 17	13 41	1 48	22 1	17 33	22 35	22 46	13 55		n.a.
S 8	13 51	15 8	3 24	22 19	1 46	1 51	1 41	10 13	0 8	21 0	1 20	21 40	0 55	23 37	0 17	13 40	1 48	22 1	17 33	22 34	22 46	13 53		n.a.
S 9	14 10	18 38	2 25	22 23	1 38	2 20	1 40	10 29	0 7	20 59	1 20	21 39	0 55	23 37	0 17	13 40	1 48	22 1	17 32	22 33	22 45	13 51		n.a.
M10	14 28	21 12	1 16	22 26	1 29	2 49	1 39	10 44	0 7	20 57	1 19	21 39	0 55	23 38	0 17	13 39	1 48	22 1	17 32	22 33	22 45	13 48		n.a.
T 11	14 47	22 32	0 1	22 27	1 20	3 19	1 38	11 0	0 6	20 56	1 19	21 38	0 55	23 38	0 17	13 39	1 48	22 1	17 31	22 33	22 44	13 46		n.a.
W12	15 5	22 30	1n14	22 26	1 10	3 48	1 37	11 15	0 5	20 54	1 19	21 38	0 55	23 38	0 17	13 38	1 48	22 0	17 31	22 33	22 44	13 44		n.a.
T 13	15 24	21 2	2 26	22 24	1 0	4 17	1 36	11 30	0 5	20 53	1 19	21 38	0 55	23 38	0 17	13 38	1 48	22 0	17 30	22 33	22 44	13 42		n.a.
F 14	15 41	18 16	3 29	22 19	0 48	4 47	1 35	11 46	0 4	20 51	1 19	21 37	0 55	23 39	0 17	13 37	1 48	22 0	17 30	22 33	22 43	13 39		n.a.
S 15	15 59	14 24	4 20	22 14	0 36	5 16	1 34	12 1	0 4	20 49	1 19	21 37	0 55	23 39	0 17	13 37	1 48	22 0	17 29	22 33	22 43	13 37		n.a.
S 16	16 16	9 43	4 55	22 7	0 24	5 45	1 33	12 16	0 3	20 48	1 18	21 36	0 55	23 39	0 17	13 36	1 48	22 0	17 29	22 33	22 42	13 35		n.a.
M17	16 34	4 31	5 12	21 58	0 11	6 14	1 31	12 30	0 2	20 46	1 18	21 36	0 55	23 39	0 17	13 36	1 48	22 0	17 28	22 33	22 42	13 33		n.a.
T 18	16 51	0n53	5 10	21 48	0s 3	6 43	1 30	12 45	0 2	20 44	1 18	21 35	0 55	23 40	0 17	13 35	1 48	21 59	17 28	22 33	22 42	13 30		n.a.
W19	17 7	6 13	4 49	21 37	0 18	7 11	1 29	13 0	0 1	20 43	1 18	21 35	0 55	23 40	0 17	13 35	1 48	21 59	17 27	22 33	22 41	13 28		n.a.
T 20	17 24	11 10	4 12	21 24	0 32	7 40	1 27	13 14	0 1	20 41	1 18	21 34	0 55	23 40	0 17	13 34	1 48	21 59	17 27	22 32	22 41	13 26		n.a.
F 21	17 40	15 28	3 21	21 10	0 48	8 8	1 26	13 29	0 0	20 39	1 18	21 34	0 55	23 40	0 17	13 34	1 48	21 59	17 26	22 32	22 40	13 23		n.a.
S 22	17 55	18 55	2 19	20 55	1 3	8 37	1 24	13 43	0n 1	20 37	1 17	21 33	0 55	23 41	0 17	13 33	1 48	21 58	17 26	22 31	22 40	13 21		n.a.
S 23	18 11	21 17	1 11	20 39	1 19	9 5	1 22	13 57	0 1	20 35	1 17	21 33	0 54	23 41	0 17	13 33	1 48	21 58	17 25	22 31	22 39	13 19		n.a.
M24	18 26	22 30	0 1	20 23	1 35	9 33	1 21	14 11	0 2	20 33	1 17	21 32	0 54	23 41	0 17	13 32	1 48	21 58	17 24	22 31	22 39	13 17		n.a.
T 25	18 41	22 32	1s 8	20 5	1 51	10 0	1 19	14 25	0 2	20 31	1 17	21 32	0 54	23 41	0 17	13 32	1 48	21 57	17 24	22 31	22 39	13 14		n.a.
W26	18 56	21 28	2 12	19 47	2 7	10 28	1 17	14 39	0 3	20 29	1 17	21 31	0 54	23 42	0 17	13 31	1 48	21 57	17 23	22 31	22 38	13 12		n.a.
T 27	19 10	19 25	3 9	19 28	2 23	10 55	1 15	14 52	0 4	20 27	1 17	21 31	0 54	23 42	0 17	13 31	1 48	21 56	17 23	22 31	22 38	13 10		n.a.
F 28	19 24	16 32	3 58	19 9	2 38	11 22	1 13	15 6	0 4	20 25	1 17	21 30	0 54	23 42	0 17	13 30	1 47	21 56	17 22	22 32	22 37	13 8		n.a.
S 29	19 38	13 1	4 35	18 50	2 53	11 49	1 12	15 19	0 5	20 23	1 16	21 30	0 54	23 43	0 17	13 30	1 47	21 56	17 22	22 32	22 37	13 5		n.a.
S 30	19 51	8 59	5 2	18 30	3 8	12 16	1 10	15 33	0 5	20 21	1 16	21 29	0 54	23 43	0 17	13 29	1 47	21 55	17 21	22 32	22 37	13 3		n.a.
M31	20n 4	4n36	5s15	18n11	3s21	12n42	1s 8	15n46	0n 6	20n19	1n16	21s28	0n54	23n43	0n17	13s29	1n47	21n55	17n21	22s32	22s36	13n 1		n.a.

Julian Day Number = 1361406.5, Delta T = 06h58m37s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°41'01, Lahiri = -17°34'00 Julian Calendar 1 May 986 BCE == Greg. Calendar 22 Apr. 986 BCE

The year -985 astronomical counting style corresponds to year 986 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 986 BCE
geocentric

JUNE 986 BCE (-985) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 57 45	29♉10'54	18♍ 4	4°R32	7♉19	12♉39	6♌ 3	10°R24	20♊10	10°R25	14°R53	11°R37	12♐ 6	12♌40	n.a.	T 1
W 2	16 1 41	0♊ 7'59	0♎23	3♊55	8°32	13°19	6°11	10♐19	20°13	10♏23	14♍53	11♐36	12° 3	12°46	n.a.	W 2
T 3	16 5 38	1° 5'04	13° 0	3°18	9°45	13°59	6°20	10°15	20°17	10°22	14°53	11°34	12° 0	12°53	n.a.	T 3
F 4	16 9 34	2° 2'09	25°56	2°39	10°57	14°39	6°28	10°11	20°20	10°20	14°53	11°33	11°57	13° 0	n.a.	F 4
S 5	16 13 31	2°59'14	9♏12	2° 1	12°10	15°19	6°37	10° 6	20°24	10°19	14°D53	11°32	11°54	13° 6	n.a.	S 5
S 6	16 17 28	3°56'20	22°50	1°24	13°23	15°59	6°46	10° 2	20°28	10°17	14°53	11°31	11°51	13°13	n.a.	S 6
M 7	16 21 24	4°53'26	6♐46	0°48	14°36	16°39	6°55	9°58	20°31	10°16	14°53	11°D31	11°47	13°20	n.a.	M 7
T 8	16 25 21	5°50'32	20°58	0°14	15°49	17°19	7° 4	9°53	20°35	10°14	14°53	11°31	11°44	13°26	n.a.	T 8
W 9	16 29 17	6°47'39	5♑22	29♉43	17° 2	17°59	7°13	9°49	20°38	10°13	14°53	11°31	11°41	13°33	n.a.	W 9
T 10	16 33 14	7°44'47	19°51	29°16	18°14	18°38	7°22	9°44	20°42	10°12	14°53	11°32	11°38	13°40	n.a.	T 10
F 11	16 37 10	8°41'55	4♒21	28°52	19°27	19°18	7°31	9°40	20°46	10°10	14°53	11°32	11°35	13°47	n.a.	F 11
S 12	16 41 7	9°39'05	18°48	28°32	20°40	19°58	7°41	9°36	20°49	10° 9	14°54	11°32	11°32	13°53	n.a.	S 12
S 13	16 45 3	10°36'15	3♓ 7	28°17	21°53	20°37	7°50	9°31	20°53	10° 8	14°54	11°32	11°28	14° 0	n.a.	S 13
M14	16 49 0	11°33'26	17°15	28° 8	23° 7	21°17	8° 0	9°27	20°57	10° 6	14°54	11°32	11°25	14° 7	n.a.	M14
T 15	16 52 57	12°30'38	1♈10	28°D 3	24°20	21°56	8° 9	9°22	21° 0	10° 5	14°55	11°32	11°22	14°13	n.a.	T 15
W16	16 56 53	13°27'51	14°52	28° 4	25°33	22°36	8°19	9°18	21° 4	10° 4	14°55	11°32	11°19	14°20	n.a.	W16
T 17	17 0 50	14°25'05	28°21	28°11	26°46	23°15	8°29	9°13	21° 8	10° 2	14°55	11°33	11°16	14°27	n.a.	T 17
F 18	17 4 46	15°22'21	11♉34	28°23	27°59	23°55	8°39	9° 9	21°11	10° 1	14°56	11°33	11°12	14°34	n.a.	F 18
S 19	17 8 43	16°19'37	24°34	28°42	29°12	24°34	8°49	9° 5	21°15	10° 0	14°56	11°33	11° 9	14°40	n.a.	S 19
S 20	17 12 39	17°16'54	7♊21	29° 6	0♊26	25°13	8°59	9° 0	21°19	9°59	14°57	11°R34	11° 6	14°47	n.a.	S 20
M21	17 16 36	18°14'12	19°54	29°36	1°39	25°53	9° 9	8°56	21°22	9°57	14°57	11°34	11° 3	14°54	n.a.	M21
T 22	17 20 33	19°11'31	2♋15	0♊12	2°52	26°32	9°20	8°52	21°26	9°56	14°58	11°33	11° 0	15° 0	n.a.	T 22
W23	17 24 29	20° 8'51	14°26	0°54	4° 6	27°11	9°30	8°47	21°30	9°55	14°58	11°32	10°57	15° 7	n.a.	W23
T 24	17 28 26	21° 6'12	26°28	1°43	5°19	27°50	9°40	8°43	21°33	9°54	14°59	11°31	10°53	15°14	n.a.	T 24
F 25	17 32 22	22° 3'34	8♌23	2°36	6°33	28°30	9°51	8°39	21°37	9°53	15° 0	11°30	10°50	15°21	n.a.	F 25
S 26	17 36 19	23° 0'56	20°15	3°36	7°46	29° 9	10° 2	8°34	21°41	9°52	15° 0	11°28	10°47	15°27	n.a.	S 26
S 27	17 40 15	23°58'20	2♍ 6	4°41	9° 0	29°48	10°12	8°30	21°44	9°51	15° 1	11°27	10°44	15°34	n.a.	S 27
M28	17 44 12	24°55'44	14° 2	5°51	10°13	0♊27	10°23	8°26	21°48	9°50	15° 2	11°26	10°41	15°41	n.a.	M28
T 29	17 48 8	25°53'09	26° 7	7° 7	11°27	1° 6	10°34	8°22	21°52	9°49	15° 3	11°D26	10°37	15°47	n.a.	T 29
W30	17 52 5	26♊50'35	8♎24	8♊28	12♊40	1♊45	10♌45	8♐18	21♊55	9♏48	15♍ 4	11♐26	10♐34	15♌54	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n17	0s 1	5s14	17n52	3s34	13n 8	1s 6	15n59	0n 7	20n17	1n16	21s28	0n54	23n43	0n17	13s29	1n47	21n54	17n20	22s32	22s36	12n58		n.a.
W 2	20 30	4 43	5 0	17 34	3 46	13 34	1 4	16 12	0 7	20 14	1 16	21 27	0 54	23 44	0 17	13 28	1 47	21 54	17 19	22 31	22 35	12 56		n.a.
T 3	20 42	9 21	4 30	17 17	3 56	13 59	1 1	16 25	0 8	20 12	1 16	21 27	0 54	23 44	0 17	13 28	1 47	21 53	17 19	22 31	22 35	12 54		n.a.
F 4	20 53	13 40	3 46	17 0	4 5	14 25	0 59	16 37	0 9	20 10	1 16	21 26	0 54	23 44	0 17	13 27	1 47	21 53	17 18	22 31	22 34	12 51		n.a.
S 5	21 5	17 28	2 50	16 45	4 13	14 49	0 57	16 50	0 9	20 7	1 15	21 26	0 54	23 44	0 17	13 27	1 47	21 52	17 18	22 31	22 34	12 49		n.a.
S 6	21 16	20 24	1 42	16 32	4 19	15 14	0 55	17 2	0 10	20 5	1 15	21 25	0 54	23 45	0 17	13 26	1 47	21 52	17 17	22 31	22 34	12 47		n.a.
M 7	21 27	22 13	0 26	16 20	4 24	15 38	0 53	17 14	0 10	20 3	1 15	21 24	0 54	23 45	0 17	13 26	1 47	21 51	17 17	22 31	22 33	12 45		n.a.
T 8	21 37	22 38	0n52	16 10	4 27	16 2	0 50	17 26	0 11	20 0	1 15	21 24	0 53	23 45	0 17	13 25	1 47	21 51	17 16	22 31	22 33	12 42		n.a.
W 9	21 47	21 34	2 8	16 2	4 29	16 25	0 48	17 38	0 12	19 58	1 15	21 23	0 53	23 45	0 17	13 25	1 47	21 50	17 15	22 31	22 32	12 40		n.a.
T 10	21 56	19 4	3 17	15 56	4 29	16 48	0 46	17 50	0 12	19 55	1 15	21 23	0 53	23 46	0 17	13 25	1 47	21 49	17 15	22 31	22 32	12 38		n.a.
F 11	22 6	15 23	4 13	15 52	4 28	17 10	0 43	18 2	0 13	19 53	1 15	21 22	0 53	23 46	0 17	13 24	1 47	21 49	17 14	22 31	22 31	12 35		n.a.
S 12	22 15	10 47	4 53	15 51	4 25	17 32	0 41	18 13	0 13	19 50	1 14	21 22	0 53	23 46	0 17	13 24	1 47	21 48	17 14	22 31	22 31	12 33		n.a.
S 13	22 23	5 39	5 14	15 52	4 20	17 54	0 39	18 25	0 14	19 47	1 14	21 21	0 53	23 47	0 17	13 23	1 47	21 48	17 13	22 31	22 30	12 31		n.a.
M14	22 31	0 17	5 16	15 55	4 15	18 15	0 36	18 36	0 15	19 45	1 14	21 20	0 53	23 47	0 17	13 23	1 47	21 47	17 12	22 31	22 30	12 28		n.a.
T 15	22 39	5n 2	4 59	16 1	4 8	18 36	0 34	18 47	0 15	19 42	1 14	21 20	0 53	23 47	0 17	13 23	1 47	21 46	17 12	22 31	22 30	12 26		n.a.
W16	22 46	10 1	4 25	16 9	3 59	18 56	0 31	18 58	0 16	19 39	1 14	21 19	0 53	23 47	0 17	13 22	1 47	21 46	17 11	22 31	22 29	12 24		n.a.
T 17	22 53	14 25	3 37	16 19	3 50	19 16	0 29	19 9	0 17	19 37	1 14	21 19	0 53	23 48	0 17	13 22	1 47	21 45	17 11	22 31	22 29	12 21		n.a.
F 18	23 0	18 3	2 39	16 32	3 40	19 35	0 26	19 19	0 17	19 34	1 14	21 18	0 53	23 48	0 17	13 22	1 47	21 44	17 10	22 31	22 28	12 19		n.a.
S 19	23 6	20 42	1 33	16 47	3 29	19 54	0 24	19 30	0 18	19 31	1 14	21 17	0 52	23 48	0 17	13 21	1 47	21 44	17 9	22 31	22 28	12 17		n.a.
S 20	23 12	22 16	0 23	17 3	3 18	20 13	0 21	19 40	0 18	19 28	1 14	21 17	0 52	23 48	0 17	13 21	1 47	21 43	17 9	22 31	22 27	12 14		n.a.
M21	23 17	22 39	0s46	17 22	3 5	20 30	0 19	19 50	0 19	19 25	1 13	21 16	0 52	23 49	0 17	13 21	1 47	21 42	17 8	22 31	22 27	12 12		n.a.
T 22	23 22	21 55	1 52	17 42	2 52	20 47	0 16	20 0	0 20	19 23	1 13	21 16	0 52	23 49	0 17	13 20	1 47	21 41	17 8	22 31	22 26	12 10		n.a.
W23	23 26	20 10	2 52	18 4	2 39	21 4	0 14	20 10	0 20	19 20	1 13	21 15	0 52	23 49	0 17	13 20	1 47	21 41	17 7	22 31	22 26	12 8		n.a.
T 24	23 30	17 32	3 44	18 27	2 25	21 20	0 11	20 19	0 21	19 17	1 13	21 15	0 52	23 49	0 17	13 20	1 47	21 40	17 7	22 31	22 26	12 5		n.a.
F 25	23 34	14 11	4 25	18 52	2 11	21 36	0 9	20 29	0 21	19 14	1 13	21 14	0 52	23 50	0 17	13 19	1 46	21 39	17 6	22 31	22 25	12 3		n.a.
S 26	23 37	10 18	4 55	19 17	1 57	21 50	0 6	20 38	0 22	19 11	1 13	21 14	0 52	23 50	0 17	13 19	1 46	21 38	17 5	22 30	22 25	12 1		n.a.
S 27	23 40	6 2	5 12	19 44	1 42	22 5	0 4	20 47	0 23	19 8	1 13	21 13	0 52	23 50	0 17	13 19	1 46	21 37	17 5	22 30	22 24	11 58		n.a.
M28	23 43	1 32	5 16	20 11	1 28	22 18	0 1	20 56	0 23	19 5	1 13	21 12	0 51	23 50	0 17	13 18	1 46	21 37	17 4	22 30	22 24	11 56		n.a.
T 29	23 45	3s 6	5 6	20 38	1 14	22 31	0n 1	21 5	0 24	19 1	1 13	21 12	0 51	23 51	0 17	13 18	1 46	21 36	17 4	22 30	22 23	11 54		n.a.
W30	23n46	7s41	4s42	21n 5	0s59	22n44	0n 3	21n14	0n25	18n58	1n13	21s11	0n51	23n51	0n17	13s18	1n46	21n35	17n 3	22s30	22s23	11n51		n.a.

Julian Day Number = 1361437.5, Delta T = 06h58m36s
Ecliptic obliquity = 23°48'43, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°40'56, Lahiri = -17°33'56 Julian Calendar 1 June 986 BCE == Greg. Calendar 23 May 986 BCE

The year -985 astronomical counting style corresponds to year 986 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 986 BCE
geocentric

JULY 986 BCE (-985) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 56 2	27♊48'01	20♎59	9♊54	13♊54	2♊23	10♌56	8°R14	21♊59	9°R47	15♍ 4	11♐27	10♐31	16♌ 1	n.a.	T 1
F 2	17 59 58	28°45'29	3♏54	11°25	15° 8	3° 2	11° 7	8♐10	22° 3	9♏46	15° 5	11°28	10°28	16° 7	n.a.	F 2
S 3	18 3 55	29°42'58	17°14	13° 0	16°21	3°41	11°18	8° 6	22° 6	9°45	15° 6	11°30	10°25	16°14	n.a.	S 3
S 4	18 7 51	0♋40'28	0♐59	14°39	17°35	4°20	11°29	8° 2	22°10	9°44	15° 7	11°30	10°22	16°21	n.a.	S 4
M 5	18 11 48	1°37'59	15° 9	16°22	18°49	4°59	11°41	7°58	22°14	9°43	15° 8	11°R31	10°18	16°28	n.a.	M 5
T 6	18 15 44	2°35'32	29°40	18° 9	20° 3	5°37	11°52	7°54	22°17	9°42	15° 9	11°30	10°15	16°34	n.a.	T 6
W 7	18 19 41	3°33'06	14♑27	19°58	21°16	6°16	12° 3	7°50	22°21	9°42	15°10	11°28	10°12	16°41	n.a.	W 7
T 8	18 23 37	4°30'41	29°23	21°51	22°30	6°55	12°15	7°47	22°25	9°41	15°11	11°25	10° 9	16°48	n.a.	T 8
F 9	18 27 34	5°28'18	14♒18	23°45	23°44	7°33	12°26	7°43	22°28	9°40	15°12	11°22	10° 6	16°54	n.a.	F 9
S 10	18 31 31	6°25'56	29° 6	25°42	24°58	8°12	12°38	7°39	22°32	9°39	15°14	11°19	10° 3	17° 1	n.a.	S 10
S 11	18 35 27	7°23'36	13♓39	27°40	26°12	8°50	12°50	7°36	22°36	9°39	15°15	11°17	9°59	17° 8	n.a.	S 11
M12	18 39 24	8°21'18	27°53	29°40	27°26	9°29	13° 1	7°32	22°39	9°38	15°16	11°15	9°56	17°15	n.a.	M12
T 13	18 43 20	9°19'01	11♈47	1♋40	28°40	10° 7	13°13	7°29	22°43	9°37	15°17	11°D15	9°53	17°21	n.a.	T 13
W14	18 47 17	10°16'47	25°19	3°41	29°54	10°46	13°25	7°26	22°46	9°37	15°19	11°16	9°50	17°28	n.a.	W14
T 15	18 51 13	11°14'34	8♉32	5°42	1♌ 8	11°24	13°37	7°22	22°50	9°36	15°20	11°17	9°47	17°35	n.a.	T 15
F 16	18 55 10	12°12'23	21°27	7°43	2°22	12° 2	13°49	7°19	22°53	9°36	15°21	11°19	9°43	17°41	n.a.	F 16
S 17	18 59 6	13°10'15	4♊ 8	9°44	3°36	12°41	14° 1	7°16	22°57	9°35	15°23	11°20	9°40	17°48	n.a.	S 17
S 18	19 3 3	14° 8'08	16°36	11°44	4°51	13°19	14°13	7°13	23° 0	9°35	15°24	11°R20	9°37	17°55	n.a.	S 18
M19	19 7 0	15° 6'02	28°53	13°44	6° 5	13°57	14°25	7°10	23° 4	9°34	15°25	11°18	9°34	18° 2	n.a.	M19
T 20	19 10 56	16° 3'59	11♋ 2	15°43	7°19	14°35	14°37	7° 7	23° 7	9°34	15°27	11°15	9°31	18° 8	n.a.	T 20
W21	19 14 53	17° 1'57	23° 3	17°41	8°33	15°13	14°49	7° 4	23°11	9°34	15°28	11°11	9°28	18°15	n.a.	W21
T 22	19 18 49	17°59'57	4♌59	19°38	9°48	15°51	15° 2	7° 1	23°14	9°33	15°30	11° 4	9°24	18°22	n.a.	T 22
F 23	19 22 46	18°57'59	16°52	21°34	11° 2	16°29	15°14	6°58	23°18	9°33	15°31	10°57	9°21	18°28	n.a.	F 23
S 24	19 26 42	19°56'02	28°43	23°29	12°16	17° 7	15°26	6°56	23°21	9°33	15°33	10°50	9°18	18°35	n.a.	S 24
S 25	19 30 39	20°54'07	10♍34	25°23	13°31	17°45	15°38	6°53	23°25	9°32	15°35	10°44	9°15	18°42	n.a.	S 25
M26	19 34 35	21°52'13	22°30	27°16	14°45	18°23	15°51	6°51	23°28	9°32	15°36	10°39	9°12	18°49	n.a.	M26
T 27	19 38 32	22°50'21	4♎33	29° 7	16° 0	19° 1	16° 3	6°48	23°31	9°32	15°38	10°35	9° 9	18°55	n.a.	T 27
W28	19 42 29	23°48'31	16°47	0♌57	17°14	19°39	16°16	6°46	23°35	9°32	15°39	10°33	9° 5	19° 2	n.a.	W28
T 29	19 46 25	24°46'42	29°17	2°46	18°29	20°17	16°28	6°44	23°38	9°32	15°41	10°D33	9° 2	19° 9	n.a.	T 29
F 30	19 50 22	25°44'55	12♏ 7	4°34	19°43	20°55	16°41	6°42	23°41	9°32	15°43	10°34	8°59	19°15	n.a.	F 30
S 31	19 54 18	26♋43'09	25♏22	6♌20	20♋58	21♊33	16♌53	6♐40	23♊44	9♏31	15♍45	10♐35	8♐56	19♌22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n48	12s 4	4s 4	21n32	0s45	22n55	0n 6	21n22	0n25	18n55	1n12	21s11	0n51	23n51	0n17	13s18	1n46	21n34	17n 3	22s30	22s22	11n49		n.a.	T 1
F 2	23 48	16 2	3 13	21 59	0 31	23 6	0 8	21 31	0 26	18 52	1 12	21 10	0 51	23 51	0 17	13 17	1 46	21 33	17 2	22 30	22 22	11 47		n.a.	F 2
S 3	23 49	19 19	2 10	22 25	0 18	23 17	0 11	21 39	0 26	18 49	1 12	21 10	0 51	23 51	0 17	13 17	1 46	21 32	17 1	22 31	22 21	11 44		n.a.	S 3
S 4	23 49	21 37	0 58	22 50	0 5	23 27	0 13	21 47	0 27	18 46	1 12	21 9	0 51	23 52	0 17	13 17	1 46	21 31	17 1	22 31	22 21	11 42		n.a.	S 4
M 5	23 48	22 38	0n20	23 13	0n 7	23 36	0 16	21 55	0 28	18 42	1 12	21 9	0 51	23 52	0 17	13 17	1 46	21 30	17 0	22 31	22 20	11 40		n.a.	M 5
T 6	23 47	22 10	1 38	23 36	0 19	23 44	0 18	22 2	0 28	18 39	1 12	21 8	0 51	23 52	0 17	13 17	1 46	21 29	17 0	22 31	22 20	11 37		n.a.	T 6
W 7	23 46	20 10	2 52	23 56	0 30	23 52	0 20	22 10	0 29	18 36	1 12	21 8	0 50	23 52	0 17	13 16	1 46	21 29	16 59	22 30	22 20	11 35		n.a.	W 7
T 8	23 44	16 48	3 54	24 14	0 41	23 59	0 23	22 17	0 30	18 32	1 12	21 7	0 50	23 53	0 17	13 16	1 46	21 28	16 59	22 30	22 19	11 32		n.a.	T 8
F 9	23 42	12 20	4 40	24 30	0 51	24 5	0 25	22 24	0 30	18 29	1 12	21 7	0 50	23 53	0 17	13 16	1 46	21 27	16 58	22 30	22 19	11 30		n.a.	F 9
S 10	23 39	7 11	5 7	24 44	1 0	24 10	0 27	22 31	0 31	18 26	1 12	21 6	0 50	23 53	0 17	13 16	1 46	21 26	16 58	22 29	22 18	11 28		n.a.	S 10
S 11	23 36	1 43	5 14	24 56	1 8	24 15	0 30	22 38	0 31	18 22	1 12	21 6	0 50	23 53	0 17	13 16	1 46	21 25	16 57	22 29	22 18	11 25		n.a.	S 11
M12	23 33	3n44	5 1	25 4	1 16	24 19	0 32	22 45	0 32	18 19	1 12	21 5	0 50	23 54	0 17	13 15	1 46	21 24	16 57	22 29	22 17	11 23		n.a.	M12
T 13	23 29	8 52	4 31	25 10	1 22	24 22	0 34	22 51	0 33	18 15	1 12	21 5	0 50	23 54	0 17	13 15	1 46	21 23	16 56	22 29	22 17	11 21		n.a.	T 13
W14	23 24	13 26	3 46	25 14	1 28	24 25	0 36	22 57	0 33	18 12	1 12	21 5	0 49	23 54	0 17	13 15	1 45	21 22	16 56	22 29	22 16	11 18		n.a.	W14
T 15	23 20	17 15	2 50	25 14	1 33	24 27	0 38	23 3	0 34	18 8	1 11	21 4	0 49	23 54	0 17	13 15	1 45	21 21	16 55	22 29	22 16	11 16		n.a.	T 15
F 16	23 14	20 7	1 47	25 12	1 37	24 28	0 41	23 9	0 34	18 5	1 11	21 4	0 49	23 54	0 17	13 15	1 45	21 20	16 55	22 29	22 15	11 14		n.a.	F 16
S 17	23 9	21 57	0 39	25 8	1 41	24 28	0 43	23 15	0 35	18 1	1 11	21 3	0 49	23 55	0 17	13 15	1 45	21 19	16 54	22 29	22 15	11 11		n.a.	S 17
S 18	23 3	22 39	0s29	25 0	1 44	24 28	0 45	23 21	0 36	17 57	1 11	21 3	0 49	23 55	0 17	13 15	1 45	21 18	16 54	22 29	22 14	11 9		n.a.	S 18
M19	22 56	22 14	1 34	24 50	1 46	24 27	0 47	23 26	0 36	17 54	1 11	21 3	0 49	23 55	0 17	13 15	1 45	21 17	16 53	22 29	22 14	11 7		n.a.	M19
T 20	22 50	20 47	2 35	24 38	1 47	24 25	0 49	23 31	0 37	17 50	1 11	21 2	0 49	23 55	0 17	13 15	1 45	21 16	16 53	22 29	22 13	11 4		n.a.	T 20
W21	22 42	18 24	3 28	24 24	1 48	24 22	0 51	23 36	0 38	17 46	1 11	21 2	0 49	23 55	0 17	13 14	1 45	21 15	16 52	22 28	22 13	11 2		n.a.	W21
T 22	22 35	15 16	4 11	24 7	1 48	24 19	0 52	23 41	0 38	17 43	1 11	21 2	0 48	23 56	0 17	13 14	1 45	21 14	16 52	22 27	22 12	11 0		n.a.	T 22
F 23	22 27	11 32	4 43	23 49	1 47	24 15	0 54	23 45	0 39	17 39	1 11	21 1	0 48	23 56	0 17	13 14	1 45	21 13	16 51	22 26	22 12	10 57		n.a.	F 23
S 24	22 18	7 23	5 3	23 28	1 46	24 10	0 56	23 50	0 39	17 35	1 11	21 1	0 48	23 56	0 17	13 14	1 45	21 12	16 51	22 25	22 11	10 55		n.a.	S 24
S 25	22 9	2 57	5 9	23 6	1 44	24 4	0 58	23 54	0 40	17 31	1 11	21 1	0 48	23 56	0 17	13 14	1 45	21 11	16 50	22 24	22 11	10 52		n.a.	S 25
M26	22 0	1s36	5 3	22 42	1 42	23 58	1 0	23 58	0 41	17 28	1 11	21 0	0 48	23 56	0 17	13 14	1 45	21 10	16 50	22 23	22 10	10 50		n.a.	M26
T 27	21 51	6 9	4 43	22 16	1 40	23 51	1 1	24 2	0 41	17 24	1 11	21 0	0 48	23 57	0 18	13 14	1 45	21 8	16 49	22 23	22 10	10 48		n.a.	T 27
W28	21 41	10 32	4 10	21 49	1 36	23 43	1 3	24 6	0 42	17 20	1 11	21 0	0 47	23 57	0 18	13 14	1 45	21 7	16 49	22 23	22 9	10 45		n.a.	W28
T 29	21 30	14 34	3 25	21 21	1 33	23 35	1 4	24 9	0 43	17 16	1 11	21 0	0 47	23 57	0 18	13 14	1 45	21 6	16 48	22 23	22 9	10 43		n.a.	T 29
F 30	21 19	18 3	2 28	20 52	1 29	23 25	1 6	24 13	0 43	17 12	1 11	20 59	0 47	23 57	0 18	13 14	1 44	21 5	16 48	22 23	22 8	10 41		n.a.	F 30
S 31	21n 8	20s43	1s21	20n21	1n25	23n15	1n 7	24n16	0n44	17n 8	1n11	20s59	0n47	23n57	0n18	13s14	1n44	21n 4	16n47	22s23	22s 8	10n38		n.a.	S 31

Julian Day Number = 1361467.5, Delta T = 06h58m34s
Ecliptic obliquity = 23°48'43, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°40'52, Lahiri = -17°33'52 Julian Calendar 1 July 986 BCE == Greg. Calendar 22 June 986 BCE

The year -985 astronomical counting style corresponds to year 986 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 986 BCE
geocentric

AUGUST 986 BCE (-985) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 58 15	27♋41'25	9♐ 4	8♌ 6	22♋12	22♊10	17♌ 6	6°R38	23♊48	9°D31	15♍46	10°R36	8♐53	19♌29	n.a.	S 1
M 2	20 2 11	28°39'43	23°15	9°50	23°27	22°48	17°19	6♐36	23°51	9♏31	15°48	10♐35	8°49	19°36	n.a.	M 2
T 3	20 6 8	29°38'03	7♑52	11°33	24°42	23°26	17°31	6°34	23°54	9°31	15°50	10°33	8°46	19°42	n.a.	T 3
W 4	20 10 4	0♌36'25	22°51	13°14	25°56	24° 3	17°44	6°32	23°57	9°32	15°52	10°28	8°43	19°49	n.a.	W 4
T 5	20 14 1	1°34'48	8♒ 3	14°55	27°11	24°41	17°57	6°31	24° 0	9°32	15°54	10°21	8°40	19°56	n.a.	T 5
F 6	20 17 58	2°33'14	23°19	16°35	28°26	25°18	18°10	6°29	24° 3	9°32	15°56	10°13	8°37	20° 3	n.a.	F 6
S 7	20 21 54	3°31'41	8♓27	18°13	29°40	25°56	18°22	6°28	24° 6	9°32	15°57	10° 6	8°34	20° 9	n.a.	S 7
S 8	20 25 51	4°30'11	23°18	19°50	0♌55	26°33	18°35	6°26	24° 9	9°32	15°59	9°59	8°30	20°16	n.a.	S 8
M 9	20 29 47	5°28'43	7♈45	21°26	2°10	27°10	18°48	6°25	24°12	9°32	16° 1	9°54	8°27	20°23	n.a.	M 9
T 10	20 33 44	6°27'18	21°45	23° 2	3°25	27°48	19° 1	6°24	24°15	9°33	16° 3	9°51	8°24	20°29	n.a.	T 10
W11	20 37 40	7°25'54	5♉19	24°36	4°39	28°25	19°14	6°23	24°18	9°33	16° 5	9°D50	8°21	20°36	n.a.	W11
T 12	20 41 37	8°24'34	18°27	26° 9	5°54	29° 2	19°27	6°22	24°21	9°33	16° 7	9°50	8°18	20°43	n.a.	T 12
F 13	20 45 33	9°23'15	1♊13	27°41	7° 9	29°40	19°40	6°21	24°24	9°34	16° 9	9°51	8°15	20°50	n.a.	F 13
S 14	20 49 30	10°21'59	13°42	29°12	8°24	0♋17	19°53	6°20	24°27	9°34	16°11	9°R51	8°11	20°56	n.a.	S 14
S 15	20 53 26	11°20'46	25°58	0♍41	9°39	0°54	20° 6	6°20	24°30	9°34	16°13	9°49	8° 8	21° 3	n.a.	S 15
M16	20 57 23	12°19'35	8♋ 3	2°10	10°54	1°31	20°19	6°19	24°33	9°35	16°16	9°46	8° 5	21°10	n.a.	M16
T 17	21 1 20	13°18'26	20° 2	3°38	12° 9	2° 8	20°32	6°19	24°35	9°35	16°18	9°39	8° 2	21°16	n.a.	T 17
W18	21 5 16	14°17'19	1♌57	5° 5	13°24	2°45	20°45	6°18	24°38	9°36	16°20	9°30	7°59	21°23	n.a.	W18
T 19	21 9 13	15°16'14	13°49	6°30	14°39	3°22	20°58	6°18	24°41	9°36	16°22	9°19	7°55	21°30	n.a.	T 19
F 20	21 13 9	16°15'12	25°41	7°55	15°54	3°59	21°11	6°18	24°43	9°37	16°24	9° 6	7°52	21°37	n.a.	F 20
S 21	21 17 6	17°14'11	7♍33	9°18	17° 9	4°36	21°24	6°D18	24°46	9°38	16°26	8°53	7°49	21°43	n.a.	S 21
S 22	21 21 2	18°13'13	19°27	10°40	18°24	5°13	21°37	6°18	24°49	9°38	16°28	8°41	7°46	21°50	n.a.	S 22
M23	21 24 59	19°12'16	1♎25	12° 1	19°39	5°50	21°50	6°18	24°51	9°39	16°31	8°30	7°43	21°57	n.a.	M23
T 24	21 28 55	20°11'22	13°30	13°21	20°54	6°27	22° 3	6°18	24°53	9°40	16°33	8°22	7°40	22° 3	n.a.	T 24
W25	21 32 52	21°10'30	25°45	14°40	22° 9	7° 4	22°16	6°18	24°56	9°40	16°35	8°17	7°36	22°10	n.a.	W25
T 26	21 36 48	22° 9'39	8♏12	15°57	23°24	7°40	22°29	6°19	24°58	9°41	16°37	8°14	7°33	22°17	n.a.	T 26
F 27	21 40 45	23° 8'51	20°58	17°12	24°39	8°17	22°42	6°19	25° 1	9°42	16°40	8°D14	7°30	22°24	n.a.	F 27
S 28	21 44 42	24° 8'04	4♐ 5	18°26	25°54	8°54	22°55	6°20	25° 3	9°43	16°42	8°R14	7°27	22°30	n.a.	S 28
S 29	21 48 38	25° 7'20	17°38	19°39	27° 9	9°30	23° 8	6°21	25° 5	9°44	16°44	8°13	7°24	22°37	n.a.	S 29
M30	21 52 35	26° 6'37	1♑39	20°50	28°24	10° 7	23°21	6°21	25° 7	9°45	16°46	8°12	7°21	22°44	n.a.	M30
T 31	21 56 31	27♌ 5'56	16♑ 8	21♍59	29♌40	10♋43	23♌34	6♐22	25♊10	9♏46	16♍49	8♐ 8	7♐17	22♌50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n57	22s17	0s 8	19n49	1n20	23n 5	1n 9	24n19	0n45	17n 4	1n11	20s59	0n47	23n57	0n18	13s14	1n44	21n 3	16n47	22s23	22s 7	10n36		n.a.
M 2	20 45	22 31	1n 8	19 16	1 15	22 53	1 10	24 22	0 45	17 1	1 11	20 59	0 47	23 58	0 18	13 15	1 44	21 2	16 47	22 23	22 7	10 34		n.a.
T 3	20 33	21 13	2 21	18 42	1 10	22 41	1 11	24 24	0 46	16 57	1 11	20 59	0 47	23 58	0 18	13 15	1 44	21 1	16 46	22 23	22 6	10 31		n.a.
W 4	20 20	18 26	3 27	18 8	1 5	22 29	1 13	24 27	0 46	16 53	1 11	20 58	0 46	23 58	0 18	13 15	1 44	21 0	16 46	22 22	22 6	10 29		n.a.
T 5	20 7	14 22	4 19	17 33	0 59	22 15	1 14	24 29	0 47	16 49	1 11	20 58	0 46	23 58	0 18	13 15	1 44	20 59	16 45	22 21	22 5	10 26		n.a.
F 6	19 54	9 21	4 53	16 57	0 53	22 1	1 15	24 31	0 48	16 45	1 11	20 58	0 46	23 58	0 18	13 15	1 44	20 57	16 45	22 20	22 5	10 24		n.a.
S 7	19 40	3 49	5 6	16 21	0 47	21 46	1 16	24 33	0 48	16 41	1 11	20 58	0 46	23 58	0 18	13 15	1 44	20 56	16 45	22 19	22 4	10 22		n.a.
S 8	19 26	1n51	4 58	15 44	0 40	21 31	1 17	24 35	0 49	16 36	1 11	20 58	0 46	23 59	0 18	13 15	1 44	20 55	16 44	22 18	22 4	10 19		n.a.
M 9	19 12	7 15	4 31	15 6	0 34	21 15	1 18	24 36	0 50	16 32	1 11	20 58	0 46	23 59	0 18	13 15	1 44	20 54	16 44	22 17	22 3	10 17		n.a.
T 10	18 57	12 7	3 48	14 28	0 27	20 58	1 19	24 38	0 50	16 28	1 11	20 58	0 46	23 59	0 18	13 15	1 44	20 53	16 44	22 16	22 3	10 15		n.a.
W11	18 42	16 13	2 54	13 50	0 20	20 41	1 20	24 39	0 51	16 24	1 11	20 58	0 45	23 59	0 18	13 16	1 44	20 52	16 43	22 16	22 2	10 12		n.a.
T 12	18 27	19 23	1 52	13 12	0 13	20 23	1 20	24 40	0 51	16 20	1 11	20 58	0 45	23 59	0 18	13 16	1 44	20 51	16 43	22 16	22 2	10 10		n.a.
F 13	18 11	21 28	0 46	12 33	0 5	20 5	1 21	24 41	0 52	16 16	1 11	20 58	0 45	23 59	0 18	13 16	1 44	20 50	16 42	22 16	22 1	10 7		n.a.
S 14	17 55	22 28	0s21	11 54	0s 2	19 45	1 22	24 41	0 53	16 12	1 11	20 58	0 45	23 59	0 18	13 16	1 43	20 49	16 42	22 16	22 1	10 5		n.a.
S 15	17 39	22 20	1 25	11 15	0 9	19 26	1 22	24 42	0 53	16 8	1 11	20 58	0 45	24 0	0 18	13 16	1 43	20 47	16 42	22 16	22 0	10 3		n.a.
M16	17 22	21 10	2 24	10 36	0 17	19 6	1 23	24 42	0 54	16 3	1 11	20 58	0 45	24 0	0 18	13 17	1 43	20 46	16 42	22 16	22 0	10 0		n.a.
T 17	17 5	19 3	3 17	9 57	0 25	18 45	1 23	24 42	0 55	15 59	1 11	20 58	0 44	24 0	0 18	13 17	1 43	20 45	16 41	22 15	21 59	9 58		n.a.
W18	16 48	16 8	4 0	9 18	0 32	18 23	1 24	24 42	0 55	15 55	1 11	20 58	0 44	24 0	0 18	13 17	1 43	20 44	16 41	22 13	21 59	9 56		n.a.
T 19	16 30	12 35	4 33	8 39	0 40	18 2	1 24	24 42	0 56	15 51	1 11	20 58	0 44	24 0	0 18	13 17	1 43	20 43	16 41	22 12	21 58	9 53		n.a.
F 20	16 13	8 34	4 53	8 0	0 48	17 39	1 24	24 42	0 57	15 47	1 11	20 58	0 44	24 0	0 18	13 17	1 43	20 42	16 40	22 10	21 58	9 51		n.a.
S 21	15 55	4 13	5 1	7 21	0 56	17 16	1 24	24 41	0 57	15 42	1 11	20 59	0 44	24 0	0 18	13 18	1 43	20 41	16 40	22 8	21 57	9 48		n.a.
S 22	15 36	0s18	4 56	6 42	1 3	16 53	1 24	24 40	0 58	15 38	1 11	20 59	0 44	24 0	0 18	13 18	1 43	20 40	16 40	22 6	21 57	9 46		n.a.
M23	15 18	4 49	4 38	6 4	1 11	16 29	1 24	24 39	0 59	15 34	1 11	20 59	0 44	24 1	0 18	13 18	1 43	20 38	16 40	22 4	21 56	9 44		n.a.
T 24	14 59	9 12	4 7	5 26	1 19	16 5	1 24	24 38	0 59	15 30	1 11	20 59	0 43	24 1	0 18	13 19	1 43	20 37	16 39	22 3	21 56	9 41		n.a.
W25	14 40	13 16	3 25	4 48	1 27	15 40	1 24	24 37	1 0	15 25	1 11	20 59	0 43	24 1	0 18	13 19	1 43	20 36	16 39	22 2	21 55	9 39		n.a.
T 26	14 20	16 51	2 32	4 11	1 34	15 15	1 24	24 36	1 1	15 21	1 11	20 59	0 43	24 1	0 18	13 19	1 43	20 35	16 39	22 1	21 55	9 36		n.a.
F 27	14 1	19 43	1 30	3 34	1 42	14 49	1 24	24 34	1 1	15 17	1 11	21 0	0 43	24 1	0 18	13 19	1 43	20 34	16 39	22 1	21 54	9 34		n.a.
S 28	13 41	21 39	0 22	2 58	1 50	14 23	1 24	24 32	1 2	15 12	1 11	21 0	0 43	24 1	0 18	13 20	1 43	20 33	16 38	22 1	21 54	9 32		n.a.
S 29	13 21	22 24	0n50	2 22	1 57	13 57	1 23	24 30	1 2	15 8	1 11	21 0	0 43	24 1	0 18	13 20	1 43	20 32	16 38	22 1	21 53	9 29		n.a.
M30	13 1	21 48	2 1	1 47	2 4	13 30	1 23	24 28	1 3	15 4	1 11	21 1	0 42	24 1	0 18	13 20	1 42	20 31	16 38	22 1	21 52	9 27		n.a.
T 31	12n40	19s45	3n 6	1n13	2s12	13n 3	1n23	24n26	1n 4	14n59	1n11	21s 1	0n42	24n 2	0n18	13s21	1n42	20n29	16n38	22s 0	21s52	9n24		n.a.

Julian Day Number = 1361498.5, Delta T = 06h58m33s
Ecliptic obliquity = 23°48'42, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°40'48, Lahiri = -17°33'48 Julian Calendar 1 Aug. 986 BCE == Greg. Calendar 23 July 986 BCE

The year -985 astronomical counting style corresponds to year 986 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 986 BCE
geocentric

SEPTEMBER 986 BCE (-985) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 0 28	28♌ 5'17	1♒ 2	23♍ 6	0♍55	11♋20	23♌47	6♐23	25♊12	9♏47	16♍51	8°R 1	7♐14	22♌57	n.a.	W 1
T 2	22 4 24	29° 4'40	16°15	24°11	2°10	11°56	24° 0	6°24	25°14	9°48	16°53	7♐52	7°11	23° 4	n.a.	T 2
F 3	22 8 21	0♍ 4'06	1♓36	25°13	3°25	12°32	24°13	6°26	25°16	9°49	16°56	7°41	7° 8	23°11	n.a.	F 3
S 4	22 12 17	1° 3'33	16°54	26°13	4°40	13° 9	24°26	6°27	25°18	9°50	16°58	7°30	7° 5	23°17	n.a.	S 4
S 5	22 16 14	2° 3'02	1♈57	27°11	5°55	13°45	24°39	6°28	25°20	9°51	17° 0	7°19	7° 1	23°24	n.a.	S 5
M 6	22 20 11	3° 2'34	16°37	28° 5	7°11	14°21	24°52	6°30	25°22	9°52	17° 3	7°11	6°58	23°31	n.a.	M 6
T 7	22 24 7	4° 2'09	0♉48	28°56	8°26	14°57	25° 5	6°31	25°24	9°53	17° 5	7° 6	6°55	23°38	n.a.	T 7
W 8	22 28 4	5° 1'45	14°28	29°44	9°41	15°33	25°18	6°33	25°26	9°54	17° 8	7° 3	6°52	23°44	n.a.	W 8
T 9	22 32 0	6° 1'25	27°40	0♎27	10°56	16° 9	25°31	6°35	25°27	9°55	17°10	7° 2	6°49	23°51	n.a.	T 9
F 10	22 35 57	7° 1'06	10♊27	1° 7	12°12	16°45	25°44	6°37	25°29	9°57	17°12	7° 2	6°46	23°58	n.a.	F 10
S 11	22 39 53	8° 0'50	22°54	1°41	13°27	17°21	25°57	6°39	25°31	9°58	17°15	7° 1	6°42	24° 4	n.a.	S 11
S 12	22 43 50	9° 0'37	5♋ 5	2°11	14°42	17°57	26°10	6°41	25°32	9°59	17°17	7° 0	6°39	24°11	n.a.	S 12
M13	22 47 46	10° 0'26	17° 5	2°34	15°57	18°33	26°23	6°43	25°34	10° 1	17°20	6°55	6°36	24°18	n.a.	M13
T 14	22 51 43	11° 0'17	28°59	2°52	17°13	19° 9	26°36	6°45	25°35	10° 2	17°22	6°48	6°33	24°25	n.a.	T 14
W15	22 55 39	12° 0'10	10♌50	3° 2	18°28	19°45	26°49	6°48	25°37	10° 3	17°24	6°38	6°30	24°31	n.a.	W15
T 16	22 59 36	13° 0'06	22°41	3°R 5	19°43	20°21	27° 2	6°50	25°38	10° 5	17°27	6°25	6°26	24°38	n.a.	T 16
F 17	23 3 33	14° 0'04	4♍34	3° 1	20°58	20°56	27°15	6°53	25°40	10° 6	17°29	6°11	6°23	24°45	n.a.	F 17
S 18	23 7 29	15° 0'03	16°30	2°47	22°14	21°32	27°27	6°55	25°41	10° 8	17°32	5°56	6°20	24°51	n.a.	S 18
S 19	23 11 26	16° 0'05	28°31	2°26	23°29	22° 7	27°40	6°58	25°42	10° 9	17°34	5°42	6°17	24°58	n.a.	S 19
M20	23 15 22	17° 0'09	10♎37	1°54	24°44	22°43	27°53	7° 1	25°43	10°11	17°36	5°30	6°14	25° 5	n.a.	M20
T 21	23 19 19	18° 0'15	22°51	1°14	25°59	23°18	28° 6	7° 4	25°45	10°12	17°39	5°20	6°11	25°12	n.a.	T 21
W22	23 23 15	19° 0'23	5♏13	0°25	27°15	23°54	28°18	7° 7	25°46	10°14	17°41	5°14	6° 7	25°18	n.a.	W22
T 23	23 27 12	20° 0'32	17°47	29♍28	28°30	24°29	28°31	7°10	25°47	10°15	17°44	5°11	6° 4	25°25	n.a.	T 23
F 24	23 31 8	21° 0'43	0♐34	28°22	29°45	25° 4	28°43	7°13	25°48	10°17	17°46	5°D 9	6° 1	25°32	n.a.	F 24
S 25	23 35 5	22° 0'56	13°40	27°11	1♎ 1	25°40	28°56	7°17	25°49	10°19	17°49	5° 9	5°58	25°38	n.a.	S 25
S 26	23 39 2	23° 1'11	27° 5	25°56	2°16	26°15	29° 8	7°20	25°50	10°20	17°51	5°R 9	5°55	25°45	n.a.	S 26
M27	23 42 58	24° 1'27	10♑55	24°38	3°31	26°50	29°21	7°23	25°50	10°22	17°53	5° 8	5°52	25°52	n.a.	M27
T 28	23 46 55	25° 1'45	25° 9	23°20	4°46	27°25	29°33	7°27	25°51	10°24	17°56	5° 5	5°48	25°59	n.a.	T 28
W29	23 50 51	26° 2'04	9♒46	22° 4	6° 2	28° 0	29°46	7°31	25°52	10°25	17°58	4°59	5°45	26° 5	n.a.	W29
T 30	23 54 48	27♍ 2'25	24♒42	20♍54	7♎17	28♋35	29♌58	7♐34	25♊53	10♏27	18♍ 1	4♐51	5♐42	26♌12	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n19	16s19	4n 1	0n40	2s19	12n36	1n22	24n23	1n 4	14n55	1n11	21s 1	0n42	24n 2	0n18	13s21	1n42	20n28	16n38	21s59	21s51	9n22		n.a.
T 2	11 58	11 46	4 40	0 8	2 25	12 8	1 21	24 21	1 5	14 51	1 11	21 2	0 42	24 2	0 18	13 22	1 42	20 27	16 37	21 58	21 51	9 20		n.a.
F 3	11 37	6 26	4 59	0s24	2 32	11 40	1 21	24 18	1 6	14 46	1 11	21 2	0 42	24 2	0 18	13 22	1 42	20 26	16 37	21 56	21 50	9 17		n.a.
S 4	11 16	0 43	4 56	0 53	2 38	11 11	1 20	24 15	1 6	14 42	1 11	21 2	0 42	24 2	0 18	13 22	1 42	20 25	16 37	21 54	21 50	9 15		n.a.
S 5	10 54	4n57	4 33	1 22	2 44	10 42	1 19	24 12	1 7	14 38	1 11	21 3	0 42	24 2	0 18	13 23	1 42	20 24	16 37	21 52	21 49	9 13		n.a.
M 6	10 33	10 12	3 53	1 49	2 50	10 13	1 18	24 9	1 8	14 33	1 11	21 3	0 41	24 2	0 18	13 23	1 42	20 23	16 37	21 51	21 49	9 10		n.a.
T 7	10 11	14 43	2 59	2 15	2 55	9 44	1 18	24 6	1 8	14 29	1 12	21 3	0 41	24 2	0 18	13 24	1 42	20 22	16 37	21 50	21 48	9 8		n.a.
W 8	9 49	18 17	1 56	2 38	3 0	9 14	1 17	24 2	1 9	14 24	1 12	21 4	0 41	24 2	0 18	13 24	1 42	20 21	16 36	21 50	21 48	9 5		n.a.
T 9	9 27	20 45	0 49	3 0	3 5	8 44	1 16	23 58	1 10	14 20	1 12	21 4	0 41	24 2	0 18	13 24	1 42	20 20	16 36	21 49	21 47	9 3		n.a.
F 10	9 4	22 4	0s18	3 19	3 8	8 14	1 15	23 54	1 10	14 16	1 12	21 5	0 41	24 2	0 18	13 25	1 42	20 19	16 36	21 49	21 47	9 1		n.a.
S 11	8 42	22 14	1 23	3 36	3 11	7 44	1 13	23 50	1 11	14 11	1 12	21 5	0 41	24 3	0 18	13 25	1 42	20 18	16 36	21 49	21 46	8 58		n.a.
S 12	8 19	21 21	2 22	3 50	3 14	7 13	1 12	23 46	1 12	14 7	1 12	21 6	0 41	24 3	0 19	13 26	1 42	20 17	16 36	21 49	21 45	8 56		n.a.
M13	7 56	19 29	3 15	4 1	3 15	6 43	1 11	23 42	1 13	14 2	1 12	21 6	0 40	24 3	0 19	13 26	1 42	20 15	16 36	21 48	21 45	8 53		n.a.
T 14	7 33	16 48	3 58	4 9	3 16	6 12	1 10	23 38	1 13	13 58	1 12	21 7	0 40	24 3	0 19	13 27	1 42	20 14	16 36	21 47	21 44	8 51		n.a.
W15	7 10	13 27	4 30	4 13	3 16	5 41	1 8	23 33	1 14	13 54	1 12	21 7	0 40	24 3	0 19	13 27	1 42	20 13	16 36	21 45	21 44	8 49		n.a.
T 16	6 47	9 35	4 51	4 12	3 14	5 9	1 7	23 28	1 15	13 49	1 12	21 8	0 40	24 3	0 19	13 28	1 41	20 12	16 36	21 43	21 43	8 46		n.a.
F 17	6 23	5 21	4 59	4 8	3 11	4 38	1 5	23 23	1 15	13 45	1 12	21 9	0 40	24 3	0 19	13 28	1 41	20 11	16 36	21 40	21 43	8 44		n.a.
S 18	6 0	0 54	4 55	3 58	3 7	4 6	1 4	23 19	1 16	13 40	1 12	21 9	0 40	24 3	0 19	13 29	1 41	20 10	16 36	21 38	21 42	8 41		n.a.
S 19	5 36	3s37	4 37	3 44	3 1	3 35	1 2	23 13	1 17	13 36	1 12	21 10	0 40	24 3	0 19	13 29	1 41	20 9	16 36	21 35	21 42	8 39		n.a.
M20	5 13	8 2	4 6	3 25	2 53	3 3	1 1	23 8	1 17	13 32	1 12	21 10	0 39	24 3	0 19	13 30	1 41	20 8	16 36	21 33	21 41	8 37		n.a.
T 21	4 49	12 10	3 24	3 0	2 44	2 31	0 59	23 3	1 18	13 27	1 13	21 11	0 39	24 3	0 19	13 30	1 41	20 7	16 36	21 32	21 40	8 34		n.a.
W22	4 25	15 50	2 31	2 29	2 32	1 59	0 57	22 57	1 19	13 23	1 13	21 12	0 39	24 3	0 19	13 31	1 41	20 6	16 36	21 30	21 40	8 32		n.a.
T 23	4 1	18 51	1 31	1 54	2 19	1 27	0 56	22 52	1 19	13 18	1 13	21 12	0 39	24 3	0 19	13 32	1 41	20 5	16 36	21 30	21 39	8 29		n.a.
F 24	3 37	20 59	0 24	1 14	2 4	0 55	0 54	22 46	1 20	13 14	1 13	21 13	0 39	24 3	0 19	13 32	1 41	20 4	16 36	21 30	21 39	8 27		n.a.
S 25	3 13	22 3	0n45	0 30	1 47	0 23	0 52	22 40	1 21	13 10	1 13	21 14	0 39	24 4	0 19	13 33	1 41	20 4	16 36	21 30	21 38	8 25		n.a.
S 26	2 49	21 53	1 54	0n18	1 29	0s 9	0 50	22 34	1 22	13 5	1 13	21 14	0 39	24 4	0 19	13 33	1 41	20 3	16 36	21 30	21 38	8 22		n.a.
M27	2 25	20 24	2 58	1 7	1 9	0 41	0 48	22 28	1 22	13 1	1 13	21 15	0 38	24 4	0 19	13 34	1 41	20 2	16 36	21 29	21 37	8 20		n.a.
T 28	2 0	17 37	3 53	1 57	0 49	1 13	0 46	22 21	1 23	12 57	1 13	21 16	0 38	24 4	0 19	13 34	1 41	20 1	16 36	21 29	21 37	8 17		n.a.
W29	1 36	13 41	4 34	2 46	0 28	1 45	0 44	22 15	1 24	12 52	1 13	21 17	0 38	24 4	0 19	13 35	1 41	20 0	16 36	21 28	21 36	8 15		n.a.
T 30	1n12	8s49	4n58	3n33	0s 7	2s17	0n42	22n 9	1n24	12n48	1n14	21s17	0n38	24n 4	0n19	13s36	1n41	19n59	16n36	21s26	21s35	8n12		n.a.

Julian Day Number = 1361529.5, Delta T = 06h58m31s
Ecliptic obliquity = 23°48'43, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°40'44, Lahiri = -17°33'43 Julian Calendar 1 Sept. 986 BCE == Greg. Calendar 23 Aug. 986 BCE

The year -985 astronomical counting style corresponds to year 986 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 986 BCE
geocentric

OCTOBER 986 BCE (-985) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 58 44	28♍ 2'48	9♓50	19°R51	8♎32	29♋ 9	0♍10	7♐38	25♊53	10♏29	18♍ 3	4°R41	5♐39	26♌19	n.a.	F 1
S 2	0 2 41	29° 3'12	24°59	18♍57	9°48	29°44	0°23	7°42	25°54	10°31	18° 6	4♐31	5°36	26°26	n.a.	S 2
S 3	0 6 37	0♎ 3'38	9♈59	18°13	11° 3	0♌19	0°35	7°46	25°54	10°33	18° 8	4°21	5°32	26°32	n.a.	S 3
M 4	0 10 34	1° 4'06	24°40	17°40	12°18	0°54	0°47	7°50	25°55	10°34	18°10	4°14	5°29	26°39	n.a.	M 4
T 5	0 14 30	2° 4'36	8♉57	17°19	13°33	1°28	0°59	7°54	25°55	10°36	18°13	4° 9	5°26	26°46	n.a.	T 5
W 6	0 18 27	3° 5'07	22°44	17°D10	14°48	2° 3	1°11	7°58	25°56	10°38	18°15	4° 6	5°23	26°52	n.a.	W 6
T 7	0 22 24	4° 5'41	6♊ 4	17°12	16° 4	2°37	1°23	8° 3	25°56	10°40	18°17	4°D 5	5°20	26°59	n.a.	T 7
F 8	0 26 20	5° 6'17	18°56	17°25	17°19	3°11	1°35	8° 7	25°56	10°42	18°20	4° 6	5°17	27° 6	n.a.	F 8
S 9	0 30 17	6° 6'54	1♋27	17°48	18°34	3°46	1°47	8°11	25°56	10°44	18°22	4°R 7	5°13	27°13	n.a.	S 9
S 10	0 34 13	7° 7'34	13°40	18°20	19°49	4°20	1°59	8°16	25°56	10°46	18°24	4° 7	5°10	27°19	n.a.	S 10
M11	0 38 10	8° 8'15	25°41	19° 0	21° 5	4°54	2°11	8°21	25°56	10°48	18°27	4° 5	5° 7	27°26	n.a.	M11
T 12	0 42 6	9° 8'58	7♌34	19°48	22°20	5°28	2°22	8°25	25°R57	10°50	18°29	4° 1	5° 4	27°33	n.a.	T 12
W13	0 46 3	10° 9'43	19°25	20°43	23°35	6° 2	2°34	8°30	25°56	10°52	18°31	3°54	5° 1	27°40	n.a.	W13
T 14	0 49 59	11°10'30	1♍16	21°43	24°50	6°36	2°46	8°35	25°56	10°54	18°34	3°46	4°57	27°46	n.a.	T 14
F 15	0 53 56	12°11'18	13°12	22°48	26° 6	7°10	2°57	8°40	25°56	10°56	18°36	3°36	4°54	27°53	n.a.	F 15
S 16	0 57 53	13°12'08	25°14	23°57	27°21	7°44	3° 9	8°45	25°56	10°58	18°38	3°25	4°51	28° 0	n.a.	S 16
S 17	1 1 49	14°12'59	7♎24	25°10	28°36	8°17	3°20	8°50	25°56	11° 0	18°40	3°15	4°48	28° 6	n.a.	S 17
M18	1 5 46	15°13'52	19°43	26°27	29°51	8°51	3°31	8°55	25°55	11° 2	18°43	3° 7	4°45	28°13	n.a.	M18
T 19	1 9 42	16°14'46	2♏11	27°46	1♏ 6	9°24	3°42	9° 0	25°55	11° 4	18°45	3° 1	4°42	28°20	n.a.	T 19
W20	1 13 39	17°15'41	14°50	29° 7	2°22	9°58	3°54	9° 5	25°55	11° 6	18°47	2°56	4°38	28°27	n.a.	W20
T 21	1 17 35	18°16'38	27°39	0♎30	3°37	10°31	4° 5	9°10	25°54	11° 8	18°49	2°D55	4°35	28°33	n.a.	T 21
F 22	1 21 32	19°17'35	10♐40	1°55	4°52	11° 4	4°16	9°16	25°54	11°10	18°52	2°55	4°32	28°40	n.a.	F 22
S 23	1 25 28	20°18'34	23°55	3°22	6° 7	11°38	4°27	9°21	25°53	11°13	18°54	2°56	4°29	28°47	n.a.	S 23
S 24	1 29 25	21°19'34	7♑25	4°49	7°22	12°11	4°37	9°27	25°52	11°15	18°56	2°58	4°26	28°53	n.a.	S 24
M25	1 33 22	22°20'34	21°11	6°18	8°37	12°44	4°48	9°32	25°52	11°17	18°58	2°R58	4°23	29° 0	n.a.	M25
T 26	1 37 18	23°21'36	5♒14	7°47	9°53	13°16	4°59	9°38	25°51	11°19	19° 0	2°58	4°19	29° 7	n.a.	T 26
W27	1 41 15	24°22'38	19°33	9°17	11° 8	13°49	5° 9	9°43	25°50	11°21	19° 2	2°55	4°16	29°14	n.a.	W27
T 28	1 45 11	25°23'41	4♓ 5	10°47	12°23	14°22	5°20	9°49	25°49	11°23	19° 4	2°51	4°13	29°20	n.a.	T 28
F 29	1 49 8	26°24'44	18°46	12°18	13°38	14°54	5°30	9°55	25°48	11°26	19° 6	2°46	4°10	29°27	n.a.	F 29
S 30	1 53 4	27°25'48	3♈30	13°50	14°53	15°27	5°41	10° 1	25°47	11°28	19° 8	2°40	4° 7	29°34	n.a.	S 30
S 31	1 57 1	28♎26'53	18♈ 9	15♎21	16♏ 8	15♌59	5♍51	10♐ 7	25♊46	11♏30	19♍10	2♐35	4♐ 3	29♌41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n47	3s22	5n 1	4n16	0n13	2s49	0n40	22n 2	1n25	12n44	1n14	21s18	0n38	24n 4	0n19	13s36	1n41	19n58	16n36	21s24	21s35	8n10		n.a.
S 2	0 23	2n18	4 44	4 55	0 32	3 21	0 38	21 55	1 26	12 40	1 14	21 19	0 38	24 4	0 19	13 37	1 41	19 57	16 36	21 22	21 34	8 8		n.a.
S 3	0s 1	7 47	4 7	5 29	0 49	3 53	0 36	21 48	1 27	12 35	1 14	21 20	0 38	24 4	0 19	13 37	1 41	19 56	16 36	21 21	21 34	8 5		n.a.
M 4	0 26	12 42	3 14	5 57	1 6	4 25	0 34	21 41	1 27	12 31	1 14	21 20	0 37	24 4	0 19	13 38	1 41	19 55	16 36	21 19	21 33	8 3		n.a.
T 5	0 50	16 45	2 10	6 19	1 20	4 57	0 31	21 34	1 28	12 27	1 14	21 21	0 37	24 4	0 19	13 39	1 41	19 55	16 36	21 18	21 33	8 0		n.a.
W 6	1 15	19 43	1 0	6 34	1 33	5 29	0 29	21 27	1 29	12 22	1 14	21 22	0 37	24 4	0 19	13 39	1 41	19 54	16 37	21 18	21 32	7 58		n.a.
T 7	1 39	21 29	0s11	6 44	1 44	6 0	0 27	21 20	1 30	12 18	1 14	21 23	0 37	24 4	0 19	13 40	1 41	19 53	16 37	21 18	21 31	7 56		n.a.
F 8	2 4	22 2	1 19	6 47	1 54	6 31	0 25	21 13	1 30	12 14	1 15	21 24	0 37	24 4	0 19	13 41	1 40	19 52	16 37	21 18	21 31	7 53		n.a.
S 9	2 28	21 27	2 21	6 45	2 1	7 3	0 22	21 5	1 31	12 10	1 15	21 25	0 37	24 4	0 19	13 41	1 40	19 51	16 37	21 18	21 30	7 51		n.a.
S 10	2 52	19 52	3 15	6 38	2 8	7 34	0 20	20 58	1 32	12 6	1 15	21 25	0 37	24 4	0 19	13 42	1 40	19 50	16 37	21 18	21 30	7 48		n.a.
M11	3 17	17 24	4 0	6 26	2 12	8 5	0 18	20 50	1 33	12 1	1 15	21 26	0 37	24 4	0 19	13 42	1 40	19 50	16 37	21 18	21 29	7 46		n.a.
T 12	3 41	14 15	4 34	6 10	2 16	8 35	0 15	20 42	1 33	11 57	1 15	21 27	0 36	24 4	0 19	13 43	1 40	19 49	16 38	21 17	21 29	7 44		n.a.
W13	4 5	10 33	4 56	5 50	2 18	9 6	0 13	20 34	1 34	11 53	1 15	21 28	0 36	24 4	0 19	13 44	1 40	19 48	16 38	21 15	21 28	7 41		n.a.
T 14	4 29	6 26	5 5	5 27	2 19	9 36	0 10	20 26	1 35	11 49	1 15	21 29	0 36	24 4	0 19	13 44	1 40	19 47	16 38	21 14	21 27	7 39		n.a.
F 15	4 53	2 4	5 1	5 1	2 19	10 6	0 8	20 18	1 36	11 45	1 15	21 30	0 36	24 4	0 19	13 45	1 40	19 47	16 38	21 12	21 27	7 36		n.a.
S 16	5 17	2s25	4 44	4 32	2 18	10 36	0 5	20 10	1 36	11 41	1 16	21 31	0 36	24 4	0 19	13 46	1 40	19 46	16 38	21 10	21 26	7 34		n.a.
S 17	5 41	6 51	4 14	4 1	2 16	11 6	0 3	20 2	1 37	11 37	1 16	21 32	0 36	24 4	0 19	13 46	1 40	19 45	16 39	21 8	21 26	7 32		n.a.
M18	6 5	11 5	3 31	3 28	2 14	11 35	0 0	19 54	1 38	11 33	1 16	21 33	0 36	24 4	0 19	13 47	1 40	19 45	16 39	21 6	21 25	7 29		n.a.
T 19	6 29	14 53	2 38	2 54	2 11	12 4	0s 2	19 46	1 39	11 29	1 16	21 33	0 36	24 4	0 20	13 48	1 40	19 44	16 39	21 5	21 24	7 27		n.a.
W20	6 53	18 4	1 36	2 18	2 7	12 33	0 4	19 37	1 40	11 25	1 16	21 34	0 35	24 4	0 20	13 49	1 40	19 43	16 39	21 4	21 24	7 24		n.a.
T 21	7 16	20 24	0 28	1 40	2 3	13 1	0 7	19 29	1 40	11 21	1 16	21 35	0 35	24 4	0 20	13 49	1 40	19 43	16 40	21 4	21 23	7 22		n.a.
F 22	7 40	21 42	0n42	1 2	1 58	13 30	0 9	19 20	1 41	11 17	1 17	21 36	0 35	24 4	0 20	13 50	1 40	19 42	16 40	21 4	21 23	7 19		n.a.
S 23	8 3	21 49	1 51	0 22	1 54	13 57	0 12	19 12	1 42	11 13	1 17	21 37	0 35	24 4	0 20	13 51	1 40	19 41	16 40	21 4	21 22	7 17		n.a.
S 24	8 27	20 40	2 56	0s17	1 48	14 25	0 14	19 3	1 43	11 9	1 17	21 38	0 35	24 4	0 20	13 51	1 40	19 41	16 40	21 5	21 21	7 15		n.a.
M25	8 50	18 18	3 52	0 58	1 43	14 52	0 17	18 54	1 44	11 5	1 17	21 39	0 35	24 4	0 20	13 52	1 40	19 40	16 41	21 5	21 21	7 12		n.a.
T 26	9 13	14 49	4 35	1 39	1 37	15 19	0 19	18 46	1 44	11 2	1 17	21 40	0 35	24 4	0 20	13 53	1 40	19 40	16 41	21 5	21 20	7 10		n.a.
W27	9 36	10 24	5 2	2 20	1 31	15 45	0 22	18 37	1 45	10 58	1 18	21 41	0 35	24 4	0 20	13 53	1 40	19 39	16 41	21 4	21 20	7 7		n.a.
T 28	9 58	5 21	5 10	3 2	1 25	16 11	0 24	18 28	1 46	10 54	1 18	21 42	0 34	24 4	0 20	13 54	1 40	19 38	16 42	21 3	21 19	7 5		n.a.
F 29	10 21	0n 4	4 59	3 44	1 19	16 36	0 27	18 19	1 47	10 50	1 18	21 43	0 34	24 4	0 20	13 55	1 40	19 38	16 42	21 2	21 18	7 3		n.a.
S 30	10 43	5 29	4 27	4 26	1 12	17 1	0 29	18 10	1 48	10 47	1 18	21 44	0 34	24 4	0 20	13 56	1 40	19 37	16 42	21 1	21 18	7 0		n.a.
S 31	11s 5	10n35	3n38	5s 8	1n 6	17s26	0s32	18n 1	1n49	10n43	1n18	21s45	0n34	24n 4	0n20	13s56	1n40	19n37	16n43	21s 0	21s17	6n58		n.a.

Julian Day Number = 1361559.5, Delta T = 06h58m30s
Ecliptic obliquity = 23°48'43, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°40'40, Lahiri = -17°33'39 Julian Calendar 1 Oct. 986 BCE == Greg. Calendar 22 Sept. 986 BCE

The year -985 astronomical counting style corresponds to year 986 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 986 BCE
geocentric

NOVEMBER 986 BCE (-985) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 0 57	29♎27'59	2♉36	16♎53	17♏23	16♌31	6♍ 1	10♐12	25°R45	11♏32	19♍12	2°R31	4♐ 0	29♌47	n.a.	M 1
T 2	2 4 54	0♏29'06	16°44	18°25	18°38	17° 3	6°11	10°18	25♊44	11°34	19°14	2♐28	3°57	29°54	n.a.	T 2
W 3	2 8 51	1°30'14	0♊29	19°58	19°53	17°35	6°21	10°24	25°43	11°37	19°16	2°D27	3°54	0♍ 1	n.a.	W 3
T 4	2 12 47	2°31'23	13°50	21°30	21° 8	18° 7	6°31	10°31	25°42	11°39	19°18	2°28	3°51	0° 7	n.a.	T 4
F 5	2 16 44	3°32'33	26°47	23° 3	22°23	18°39	6°41	10°37	25°41	11°41	19°20	2°29	3°48	0°14	n.a.	F 5
S 6	2 20 40	4°33'44	9♋22	24°36	23°38	19°11	6°50	10°43	25°39	11°43	19°22	2°31	3°44	0°21	n.a.	S 6
S 7	2 24 37	5°34'56	21°40	26° 9	24°53	19°42	7° 0	10°49	25°38	11°46	19°24	2°32	3°41	0°28	n.a.	S 7
M 8	2 28 33	6°36'08	3♌44	27°42	26° 8	20°14	7° 9	10°55	25°36	11°48	19°26	2°R33	3°38	0°34	n.a.	M 8
T 9	2 32 30	7°37'22	15°40	29°15	27°23	20°45	7°18	11° 2	25°35	11°50	19°27	2°33	3°35	0°41	n.a.	T 9
W10	2 36 26	8°38'36	27°32	0♏48	28°38	21°16	7°28	11° 8	25°33	11°52	19°29	2°31	3°32	0°48	n.a.	W10
T 11	2 40 23	9°39'51	9♍24	2°21	29°53	21°47	7°37	11°14	25°32	11°55	19°31	2°29	3°29	0°54	n.a.	T 11
F 12	2 44 20	10°41'07	21°22	3°55	1♐ 8	22°18	7°46	11°21	25°30	11°57	19°33	2°26	3°25	1° 1	n.a.	F 12
S 13	2 48 16	11°42'23	3♎29	5°29	2°23	22°49	7°55	11°27	25°29	11°59	19°34	2°22	3°22	1° 8	n.a.	S 13
S 14	2 52 13	12°43'40	15°46	7° 3	3°38	23°20	8° 3	11°34	25°27	12° 2	19°36	2°19	3°19	1°15	n.a.	S 14
M15	2 56 9	13°44'58	28°17	8°37	4°53	23°50	8°12	11°40	25°25	12° 4	19°38	2°16	3°16	1°21	n.a.	M15
T 16	3 0 6	14°46'15	11♏ 2	10°11	6° 8	24°21	8°20	11°47	25°24	12° 6	19°39	2°14	3°13	1°28	n.a.	T 16
W17	3 4 2	15°47'34	24° 1	11°45	7°23	24°51	8°29	11°54	25°22	12° 8	19°41	2°13	3° 9	1°35	n.a.	W17
T 18	3 7 59	16°48'52	7♐14	13°20	8°38	25°21	8°37	12° 0	25°20	12°11	19°42	2°D12	3° 6	1°42	n.a.	T 18
F 19	3 11 56	17°50'11	20°40	14°54	9°53	25°51	8°45	12° 7	25°18	12°13	19°44	2°13	3° 3	1°48	n.a.	F 19
S 20	3 15 52	18°51'30	4♑17	16°29	11° 7	26°21	8°53	12°14	25°16	12°15	19°45	2°14	3° 0	1°55	n.a.	S 20
S 21	3 19 49	19°52'48	18° 5	18° 5	12°22	26°50	9° 1	12°20	25°14	12°17	19°47	2°15	2°57	2° 2	n.a.	S 21
M22	3 23 45	20°54'07	2♒ 2	19°40	13°37	27°20	9° 9	12°27	25°12	12°20	19°48	2°16	2°54	2° 8	n.a.	M22
T 23	3 27 42	21°55'25	16° 6	21°16	14°52	27°49	9°16	12°34	25°10	12°22	19°50	2°R17	2°50	2°15	n.a.	T 23
W24	3 31 38	22°56'43	0♓17	22°52	16° 7	28°18	9°24	12°41	25° 8	12°24	19°51	2°17	2°47	2°22	n.a.	W24
T 25	3 35 35	23°58'00	14°31	24°29	17°21	28°47	9°31	12°48	25° 6	12°26	19°53	2°16	2°44	2°29	n.a.	T 25
F 26	3 39 31	24°59'17	28°47	26° 5	18°36	29°16	9°38	12°55	25° 4	12°29	19°54	2°15	2°41	2°35	n.a.	F 26
S 27	3 43 28	26° 0'34	13♈ 1	27°42	19°51	29°44	9°45	13° 2	25° 2	12°31	19°55	2°15	2°38	2°42	n.a.	S 27
S 28	3 47 25	27° 1'50	27° 9	29°20	21° 6	0♍13	9°52	13° 9	24°59	12°33	19°56	2°14	2°34	2°49	n.a.	S 28
M29	3 51 21	28° 3'06	11♉ 8	0♐58	22°20	0°41	9°59	13°15	24°57	12°35	19°58	2°14	2°31	2°56	n.a.	M29
T 30	3 55 18	29♏ 4'21	24♉54	2♐36	23♐35	1♍ 9	10♍ 5	13♐22	24♊55	12♏37	19♍59	2♐13	2♐28	3♍ 2	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s27	15n 0	2n36	5s50	0n59	17s50	0s34	17n52	1n49	10n39	1n18	21s46	0n34	24n 4	0n20	13s57	1n40	19n36	16n43	20s59	21s17	6n55		n.a.
T 2	11 49	18 27	1 25	6 32	0 52	18 13	0 37	17 43	1 50	10 36	1 19	21 47	0 34	24 4	0 20	13 58	1 40	19 36	16 43	20 59	21 16	6 53		n.a.
W 3	12 11	20 45	0 11	7 13	0 45	18 37	0 39	17 34	1 51	10 32	1 19	21 48	0 34	24 4	0 20	13 58	1 40	19 35	16 44	20 58	21 15	6 50		n.a.
T 4	12 32	21 47	1s 2	7 55	0 39	18 59	0 41	17 24	1 52	10 29	1 19	21 49	0 34	24 4	0 20	13 59	1 40	19 35	16 44	20 59	21 15	6 48		n.a.
F 5	12 53	21 37	2 9	8 36	0 32	19 21	0 44	17 15	1 53	10 25	1 19	21 50	0 34	24 4	0 20	14 0	1 40	19 35	16 44	20 59	21 14	6 46		n.a.
S 6	13 14	20 20	3 9	9 17	0 25	19 43	0 46	17 6	1 54	10 22	1 19	21 51	0 34	24 4	0 20	14 0	1 40	19 34	16 45	20 59	21 14	6 43		n.a.
S 7	13 35	18 7	3 58	9 58	0 18	20 4	0 48	16 57	1 55	10 18	1 20	21 52	0 33	24 4	0 20	14 1	1 40	19 34	16 45	21 0	21 13	6 41		n.a.
M 8	13 56	15 9	4 36	10 38	0 11	20 24	0 51	16 47	1 55	10 15	1 20	21 53	0 33	24 4	0 20	14 2	1 40	19 33	16 46	21 0	21 12	6 38		n.a.
T 9	14 16	11 36	5 1	11 18	0 5	20 44	0 53	16 38	1 56	10 12	1 20	21 54	0 33	24 4	0 20	14 3	1 40	19 33	16 46	21 0	21 12	6 36		n.a.
W10	14 36	7 37	5 13	11 58	0s 2	21 4	0 55	16 29	1 57	10 9	1 20	21 55	0 33	24 4	0 20	14 3	1 40	19 33	16 46	20 59	21 11	6 34		n.a.
T 11	14 56	3 21	5 12	12 37	0 9	21 22	0 57	16 19	1 58	10 5	1 21	21 56	0 33	24 4	0 20	14 4	1 40	19 32	16 47	20 59	21 11	6 31		n.a.
F 12	15 16	1s 4	4 57	13 15	0 15	21 40	0 59	16 10	1 59	10 2	1 21	21 57	0 33	24 4	0 20	14 5	1 40	19 32	16 47	20 58	21 10	6 29		n.a.
S 13	15 35	5 31	4 29	13 53	0 22	21 58	1 2	16 0	2 0	9 59	1 21	21 58	0 33	24 4	0 20	14 5	1 40	19 32	16 48	20 57	21 9	6 26		n.a.
S 14	15 54	9 48	3 49	14 31	0 28	22 15	1 4	15 51	2 1	9 56	1 21	21 59	0 33	24 4	0 20	14 6	1 40	19 31	16 48	20 57	21 9	6 24		n.a.
M15	16 13	13 46	2 56	15 8	0 34	22 31	1 6	15 41	2 2	9 53	1 21	22 0	0 33	24 4	0 20	14 7	1 40	19 31	16 48	20 56	21 8	6 22		n.a.
T 16	16 31	17 11	1 54	15 44	0 40	22 47	1 8	15 32	2 3	9 50	1 22	22 1	0 33	24 4	0 20	14 8	1 40	19 31	16 49	20 56	21 7	6 19		n.a.
W17	16 49	19 48	0 45	16 20	0 47	23 1	1 10	15 23	2 4	9 47	1 22	22 2	0 32	24 4	0 20	14 8	1 40	19 31	16 49	20 56	21 7	6 17		n.a.
T 18	17 7	21 24	0n28	16 55	0 52	23 16	1 12	15 13	2 5	9 44	1 22	22 3	0 32	24 4	0 20	14 9	1 40	19 31	16 50	20 56	21 6	6 14		n.a.
F 19	17 25	21 49	1 40	17 29	0 58	23 29	1 13	15 4	2 5	9 41	1 22	22 4	0 32	24 4	0 20	14 10	1 40	19 30	16 50	20 56	21 6	6 12		n.a.
S 20	17 42	20 56	2 48	18 3	1 4	23 42	1 15	14 54	2 6	9 38	1 23	22 5	0 32	24 4	0 20	14 10	1 40	19 30	16 51	20 56	21 5	6 9		n.a.
S 21	17 59	18 49	3 47	18 35	1 9	23 54	1 17	14 45	2 7	9 35	1 23	22 6	0 32	24 4	0 20	14 11	1 40	19 30	16 51	20 56	21 4	6 7		n.a.
M22	18 16	15 34	4 34	19 7	1 15	24 5	1 19	14 36	2 8	9 33	1 23	22 7	0 32	24 4	0 20	14 12	1 40	19 30	16 52	20 56	21 4	6 5		n.a.
T 23	18 32	11 25	5 4	19 38	1 20	24 16	1 20	14 26	2 9	9 30	1 23	22 8	0 32	24 4	0 20	14 12	1 40	19 30	16 52	20 56	21 3	6 2		n.a.
W24	18 48	6 37	5 17	20 8	1 25	24 26	1 22	14 17	2 10	9 27	1 24	22 9	0 32	24 4	0 20	14 13	1 40	19 30	16 53	20 56	21 2	6 0		n.a.
T 25	19 3	1 26	5 10	20 37	1 29	24 35	1 24	14 7	2 11	9 25	1 24	22 10	0 32	24 4	0 20	14 14	1 40	19 30	16 53	20 56	21 2	5 57		n.a.
F 26	19 19	3n50	4 44	21 6	1 34	24 44	1 25	13 58	2 12	9 22	1 24	22 11	0 32	24 3	0 20	14 15	1 40	19 29	16 54	20 56	21 1	5 55		n.a.
S 27	19 33	8 54	4 0	21 33	1 38	24 51	1 27	13 49	2 13	9 20	1 24	22 12	0 31	24 3	0 20	14 15	1 40	19 29	16 54	20 56	21 1	5 53		n.a.
S 28	19 48	13 27	3 2	21 59	1 42	24 58	1 28	13 39	2 14	9 17	1 25	22 13	0 31	24 3	0 20	14 16	1 40	19 29	16 55	20 56	21 0	5 50		n.a.
M29	20 2	17 13	1 54	22 23	1 46	25 4	1 29	13 30	2 15	9 15	1 25	22 14	0 31	24 3	0 20	14 17	1 40	19 29	16 55	20 56	20 59	5 48		n.a.
T 30	20s16	19n56	0n41	22s47	1s49	25s10	1s31	13n21	2n16	9n13	1n25	22s15	0n31	24n 3	0n21	14s17	1n40	19n29	16n56	20s56	20s59	5n45		n.a.

Julian Day Number = 1361590.5, Delta T = 06h58m28s
Ecliptic obliquity = 23°48'42, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°40'36, Lahiri = -17°33'35 Julian Calendar 1 Nov. 986 BCE == Greg. Calendar 23 Oct. 986 BCE

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ASTRODIENST EPHEMERIS for the year 986 BCE
geocentric

DECEMBER 986 BCE (-985) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 59 14	0♐ 5'37	8♊23	4♐14	24♐49	1♍37	10♍12	13♐29	24°R53	12♏40	20♍ 0	2°D13	2♐25	3♍ 9	n.a.	W 1
T 2	4 3 11	1° 6'52	21°35	5°53	26° 4	2° 4	10°18	13°36	24♊50	12°42	20° 1	2♐13	2°22	3°16	n.a.	T 2
F 3	4 7 7	2° 8'07	4♋28	7°32	27°19	2°32	10°24	13°43	24°48	12°44	20° 2	2°R13	2°19	3°22	n.a.	F 3
S 4	4 11 4	3° 9'21	17° 3	9°12	28°33	2°59	10°30	13°51	24°46	12°46	20° 3	2°13	2°15	3°29	n.a.	S 4
S 5	4 15 1	4°10'36	29°23	10°52	29°48	3°26	10°36	13°58	24°43	12°48	20° 4	2°13	2°12	3°36	n.a.	S 5
M 6	4 18 57	5°11'50	11♌30	12°32	1♑ 2	3°53	10°42	14° 5	24°41	12°50	20° 5	2°13	2° 9	3°43	n.a.	M 6
T 7	4 22 54	6°13'03	23°27	14°12	2°17	4°20	10°47	14°12	24°38	12°53	20° 6	2°13	2° 6	3°49	n.a.	T 7
W 8	4 26 50	7°14'17	5♍20	15°53	3°31	4°46	10°53	14°19	24°36	12°55	20° 7	2°D13	2° 3	3°56	n.a.	W 8
T 9	4 30 47	8°15'30	17°13	17°34	4°46	5°12	10°58	14°26	24°34	12°57	20° 8	2°13	2° 0	4° 3	n.a.	T 9
F 10	4 34 43	9°16'42	29°11	19°15	6° 0	5°38	11° 3	14°33	24°31	12°59	20° 9	2°13	1°56	4°10	n.a.	F 10
S 11	4 38 40	10°17'55	11♎18	20°56	7°14	6° 4	11° 8	14°40	24°29	13° 1	20°10	2°14	1°53	4°16	n.a.	S 11
S 12	4 42 36	11°19'06	23°38	22°37	8°29	6°29	11°13	14°47	24°26	13° 3	20°10	2°15	1°50	4°23	n.a.	S 12
M13	4 46 33	12°20'18	6♏16	24°18	9°43	6°54	11°17	14°54	24°23	13° 5	20°11	2°16	1°47	4°30	n.a.	M13
T 14	4 50 30	13°21'28	19°12	25°58	10°57	7°19	11°22	15° 2	24°21	13° 7	20°12	2°16	1°44	4°36	n.a.	T 14
W15	4 54 26	14°22'38	2♐29	27°38	12°12	7°44	11°26	15° 9	24°18	13° 9	20°13	2°R17	1°40	4°43	n.a.	W15
T 16	4 58 23	15°23'47	16° 5	29°18	13°26	8° 8	11°30	15°16	24°16	13°11	20°13	2°16	1°37	4°50	n.a.	T 16
F 17	5 2 19	16°24'56	29°58	0♑56	14°40	8°32	11°34	15°23	24°13	13°13	20°14	2°15	1°34	4°57	n.a.	F 17
S 18	5 6 16	17°26'03	14♑ 5	2°33	15°54	8°56	11°37	15°30	24°11	13°15	20°14	2°13	1°31	5° 3	n.a.	S 18
S 19	5 10 12	18°27'09	28°22	4° 9	17° 8	9°19	11°41	15°37	24° 8	13°17	20°15	2°11	1°28	5°10	n.a.	S 19
M20	5 14 9	19°28'14	12♒43	5°42	18°22	9°43	11°44	15°44	24° 5	13°19	20°15	2° 9	1°25	5°17	n.a.	M20
T 21	5 18 5	20°29'18	27° 4	7°13	19°36	10° 6	11°47	15°51	24° 3	13°21	20°16	2° 7	1°21	5°24	n.a.	T 21
W22	5 22 2	21°30'20	11♓21	8°41	20°50	10°28	11°50	15°59	24° 0	13°23	20°16	2° 6	1°18	5°30	n.a.	W22
T 23	5 25 59	22°31'21	25°31	10° 6	22° 4	10°50	11°53	16° 6	23°58	13°25	20°17	2°D 6	1°15	5°37	n.a.	T 23
F 24	5 29 55	23°32'20	9♈33	11°27	23°18	11°12	11°56	16°13	23°55	13°27	20°17	2° 6	1°12	5°44	n.a.	F 24
S 25	5 33 52	24°33'18	23°24	12°42	24°32	11°34	11°58	16°20	23°52	13°28	20°17	2° 8	1° 9	5°50	n.a.	S 25
S 26	5 37 48	25°34'14	7♉ 5	13°53	25°46	11°55	12° 0	16°27	23°50	13°30	20°18	2° 9	1° 6	5°57	n.a.	S 26
M27	5 41 45	26°35'09	20°35	14°57	27° 0	12°16	12° 2	16°34	23°47	13°32	20°18	2°10	1° 2	6° 4	n.a.	M27
T 28	5 45 41	27°36'02	3♊53	15°53	28°14	12°37	12° 4	16°41	23°44	13°34	20°18	2°R11	0°59	6°11	n.a.	T 28
W29	5 49 38	28°36'54	16°59	16°42	29°27	12°57	12° 6	16°48	23°42	13°35	20°18	2°10	0°56	6°17	n.a.	W29
T 30	5 53 35	29°37'45	29°52	17°23	0♒41	13°17	12° 7	16°55	23°39	13°37	20°18	2° 8	0°53	6°24	n.a.	T 30
F 31	5 57 31	0♑38'34	12♋33	17♑53	1♒55	13♍37	12♍ 9	17♐ 2	23♊37	13♏39	20♍19	2♐ 4	0♐50	6♍31	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s29	21n29	0s34	23s 9	1s52	25s14	1s32	13n12	2n17	9n11	1n25	22s15	0n31	24n 3	0n21	14s18	1n40	19n29	16n56	20s56	20s58	5n43		n.a.
T 2	20 42	21 47	1 45	23 31	1 55	25 18	1 33	13 3	2 18	9 8	1 26	22 16	0 31	24 3	0 21	14 19	1 40	19 29	16 57	20 56	20 57	5 40		n.a.
F 3	20 55	20 55	2 50	23 50	1 58	25 21	1 34	12 54	2 19	9 6	1 26	22 17	0 31	24 3	0 21	14 19	1 40	19 29	16 57	20 56	20 57	5 38		n.a.
S 4	21 7	19 0	3 44	24 9	2 0	25 24	1 35	12 45	2 20	9 4	1 26	22 18	0 31	24 3	0 21	14 20	1 40	19 29	16 58	20 56	20 56	5 36		n.a.
S 5	21 19	16 15	4 27	24 25	2 1	25 25	1 36	12 36	2 21	9 2	1 27	22 19	0 31	24 3	0 21	14 20	1 40	19 29	16 58	20 56	20 55	5 33		n.a.
M 6	21 30	12 51	4 57	24 41	2 3	25 26	1 37	12 27	2 22	9 0	1 27	22 20	0 31	24 3	0 21	14 21	1 40	19 30	16 59	20 56	20 55	5 31		n.a.
T 7	21 41	8 59	5 13	24 54	2 4	25 26	1 38	12 18	2 24	8 58	1 27	22 21	0 31	24 3	0 21	14 22	1 40	19 30	17 0	20 56	20 54	5 28		n.a.
W 8	21 51	4 48	5 17	25 6	2 4	25 25	1 39	12 9	2 25	8 57	1 27	22 22	0 31	24 3	0 21	14 22	1 40	19 30	17 0	20 56	20 54	5 26		n.a.
T 9	22 1	0 26	5 6	25 17	2 4	25 23	1 40	12 0	2 26	8 55	1 28	22 23	0 30	24 3	0 21	14 23	1 40	19 30	17 1	20 56	20 53	5 24		n.a.
F 10	22 11	3s59	4 43	25 25	2 4	25 20	1 40	11 51	2 27	8 53	1 28	22 24	0 30	24 2	0 21	14 24	1 40	19 30	17 1	20 56	20 52	5 21		n.a.
S 11	22 20	8 18	4 6	25 32	2 3	25 17	1 41	11 43	2 28	8 52	1 28	22 25	0 30	24 2	0 21	14 24	1 40	19 30	17 2	20 56	20 52	5 19		n.a.
S 12	22 29	12 23	3 18	25 37	2 1	25 13	1 41	11 34	2 29	8 50	1 28	22 26	0 30	24 2	0 21	14 25	1 40	19 30	17 2	20 56	20 51	5 16		n.a.
M13	22 37	16 0	2 19	25 40	1 59	25 8	1 42	11 26	2 30	8 48	1 29	22 27	0 30	24 2	0 21	14 25	1 40	19 31	17 3	20 56	20 50	5 14		n.a.
T 14	22 45	18 57	1 12	25 41	1 56	25 3	1 42	11 17	2 31	8 47	1 29	22 27	0 30	24 2	0 21	14 26	1 40	19 31	17 3	20 56	20 50	5 11		n.a.
W15	22 53	20 58	0n 1	25 40	1 52	24 56	1 42	11 9	2 32	8 46	1 29	22 28	0 30	24 2	0 21	14 27	1 40	19 31	17 4	20 56	20 49	5 9		n.a.
T 16	23 0	21 49	1 16	25 37	1 48	24 49	1 43	11 1	2 33	8 44	1 30	22 29	0 30	24 2	0 21	14 27	1 40	19 31	17 5	20 56	20 48	5 7		n.a.
F 17	23 6	21 21	2 27	25 32	1 43	24 41	1 43	10 53	2 35	8 43	1 30	22 30	0 30	24 2	0 21	14 28	1 40	19 32	17 5	20 56	20 48	5 4		n.a.
S 18	23 12	19 33	3 31	25 24	1 37	24 33	1 43	10 45	2 36	8 42	1 30	22 31	0 30	24 2	0 21	14 28	1 40	19 32	17 6	20 56	20 47	5 2		n.a.
S 19	23 18	16 32	4 22	25 15	1 31	24 23	1 43	10 37	2 37	8 41	1 31	22 32	0 30	24 2	0 21	14 29	1 40	19 32	17 6	20 55	20 46	4 59		n.a.
M20	23 23	12 30	4 58	25 4	1 23	24 13	1 43	10 29	2 38	8 40	1 31	22 33	0 30	24 1	0 21	14 30	1 40	19 33	17 7	20 55	20 46	4 57		n.a.
T 21	23 28	7 46	5 14	24 51	1 15	24 3	1 42	10 21	2 39	8 39	1 31	22 33	0 30	24 1	0 21	14 30	1 40	19 33	17 7	20 54	20 45	4 55		n.a.
W22	23 32	2 38	5 11	24 37	1 6	23 51	1 42	10 13	2 40	8 38	1 31	22 34	0 30	24 1	0 21	14 31	1 40	19 33	17 8	20 54	20 44	4 52		n.a.
T 23	23 36	2n36	4 49	24 20	0 55	23 39	1 42	10 6	2 42	8 37	1 32	22 35	0 29	24 1	0 21	14 31	1 40	19 34	17 9	20 54	20 44	4 50		n.a.
F 24	23 39	7 40	4 11	24 3	0 44	23 26	1 41	9 58	2 43	8 37	1 32	22 36	0 29	24 1	0 21	14 32	1 40	19 34	17 9	20 54	20 43	4 47		n.a.
S 25	23 42	12 17	3 18	23 44	0 32	23 12	1 41	9 51	2 44	8 36	1 32	22 37	0 29	24 1	0 21	14 32	1 40	19 34	17 10	20 55	20 42	4 45		n.a.
S 26	23 44	16 11	2 14	23 23	0 19	22 58	1 40	9 44	2 45	8 35	1 33	22 37	0 29	24 1	0 21	14 33	1 40	19 35	17 10	20 55	20 42	4 43		n.a.
M27	23 46	19 11	1 3	23 2	0 5	22 43	1 40	9 37	2 46	8 35	1 33	22 38	0 29	24 1	0 21	14 33	1 40	19 35	17 11	20 55	20 41	4 40		n.a.
T 28	23 47	21 6	0s 9	22 41	0n10	22 27	1 39	9 30	2 48	8 34	1 33	22 39	0 29	24 1	0 21	14 34	1 40	19 36	17 11	20 55	20 40	4 38		n.a.
W29	23 48	21 50	1 20	22 19	0 26	22 11	1 38	9 23	2 49	8 34	1 34	22 40	0 29	24 0	0 21	14 34	1 40	19 36	17 12	20 55	20 40	4 35		n.a.
T 30	23 49	21 23	2 26	21 58	0 42	21 54	1 37	9 17	2 50	8 34	1 34	22 41	0 29	24 0	0 21	14 35	1 40	19 37	17 13	20 55	20 39	4 33		n.a.
F 31	23s49	19n50	3s23	21s37	0n59	21s36	1s36	9n10	2n51	8n33	1n34	22s41	0n29	24n 0	0n21	14s35	1n40	19n37	17n13	20s54	20s38	4n31		n.a.

Julian Day Number = 1361620.5, Delta T = 06h58m27s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°40'31, Lahiri = -17°33'31 Julian Calendar 1 Dec. 986 BCE == Greg. Calendar 22 Nov. 986 BCE

The year -985 astronomical counting style corresponds to year 986 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 985 BCE
geocentric

JANUARY 985 BCE (-984) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 1 28	1♉39'22	25♋ 0	18♉14	3♒ 8	13♍56	12♍10	17♐ 9	23°R34	13♏41	20♍19	1°R59	0♐46	6♍37	n.a.	S 1
S 2	6 5 24	2°40'08	7♌16	18°R25	4°22	14°15	12°11	17°16	23♊31	13°42	20°R19	1♐54	0°43	6°44	n.a.	S 2
M 3	6 9 21	3°40'53	19°21	18°24	5°35	14°33	12°11	17°23	23°29	13°44	20°19	1°48	0°40	6°51	n.a.	M 3
T 4	6 13 17	4°41'37	1♍19	18°13	6°49	14°51	12°12	17°30	23°26	13°45	20°19	1°43	0°37	6°58	n.a.	T 4
W 5	6 17 14	5°42'19	13°12	17°51	8° 2	15° 9	12°12	17°37	23°24	13°47	20°18	1°39	0°34	7° 4	n.a.	W 5
T 6	6 21 10	6°43'00	25° 4	17°18	9°15	15°26	12°R13	17°44	23°21	13°49	20°18	1°36	0°31	7°11	n.a.	T 6
F 7	6 25 7	7°43'40	6♎59	16°37	10°28	15°42	12°13	17°51	23°19	13°50	20°18	1°D36	0°27	7°18	n.a.	F 7
S 8	6 29 4	8°44'18	19° 4	15°47	11°42	15°59	12°12	17°58	23°16	13°52	20°18	1°36	0°24	7°25	n.a.	S 8
S 9	6 33 0	9°44'55	1♏22	14°50	12°55	16°14	12°12	18° 4	23°14	13°53	20°18	1°38	0°21	7°31	n.a.	S 9
M10	6 36 57	10°45'31	13°59	13°47	14° 8	16°30	12°11	18°11	23°11	13°55	20°18	1°39	0°18	7°38	n.a.	M10
T 11	6 40 53	11°46'05	26°58	12°41	15°21	16°45	12°11	18°18	23° 9	13°56	20°17	1°R40	0°15	7°45	n.a.	T 11
W12	6 44 50	12°46'38	10♐22	11°33	16°34	16°59	12°10	18°25	23° 6	13°57	20°17	1°40	0°12	7°51	n.a.	W12
T 13	6 48 46	13°47'09	24°11	10°25	17°47	17°13	12° 8	18°31	23° 4	13°59	20°17	1°38	0° 8	7°58	n.a.	T 13
F 14	6 52 43	14°47'39	8♑25	9°18	18°59	17°26	12° 7	18°38	23° 2	14° 0	20°16	1°34	0° 5	8° 5	n.a.	F 14
S 15	6 56 39	15°48'07	22°58	8°15	20°12	17°39	12° 5	18°45	22°59	14° 1	20°16	1°28	0° 2	8°12	n.a.	S 15
S 16	7 0 36	16°48'33	7♒43	7°16	21°25	17°51	12° 4	18°51	22°57	14° 3	20°15	1°21	29♏59	8°18	n.a.	S 16
M17	7 4 33	17°48'57	22°34	6°23	22°37	18° 3	12° 2	18°58	22°55	14° 4	20°15	1°13	29°56	8°25	n.a.	M17
T 18	7 8 29	18°49'18	7♓20	5°35	23°50	18°14	12° 0	19° 4	22°52	14° 5	20°14	1° 7	29°52	8°32	n.a.	T 18
W19	7 12 26	19°49'38	21°56	4°55	25° 2	18°25	11°57	19°11	22°50	14° 6	20°14	1° 2	29°49	8°39	n.a.	W19
T 20	7 16 22	20°49'56	6♈16	4°22	26°15	18°35	11°55	19°17	22°48	14° 8	20°13	0°58	29°46	8°45	n.a.	T 20
F 21	7 20 19	21°50'11	20°18	3°56	27°27	18°44	11°52	19°24	22°46	14° 9	20°12	0°D57	29°43	8°52	n.a.	F 21
S 22	7 24 15	22°50'24	4♉ 1	3°37	28°39	18°53	11°49	19°30	22°43	14°10	20°12	0°58	29°40	8°59	n.a.	S 22
S 23	7 28 12	23°50'35	17°27	3°25	29°51	19° 1	11°46	19°36	22°41	14°11	20°11	0°59	29°37	9° 5	n.a.	S 23
M24	7 32 8	24°50'43	0♊37	3°D20	1♓ 3	19° 9	11°43	19°43	22°39	14°12	20°10	1°R 0	29°33	9°12	n.a.	M24
T 25	7 36 5	25°50'50	13°33	3°22	2°15	19°16	11°40	19°49	22°37	14°13	20°10	0°59	29°30	9°19	n.a.	T 25
W26	7 40 2	26°50'54	26°17	3°30	3°27	19°22	11°36	19°55	22°35	14°14	20° 9	0°56	29°27	9°26	n.a.	W26
T 27	7 43 58	27°50'56	8♋51	3°44	4°39	19°28	11°33	20° 1	22°33	14°15	20° 8	0°50	29°24	9°32	n.a.	T 27
F 28	7 47 55	28°50'56	21°15	4° 3	5°51	19°33	11°29	20° 7	22°31	14°16	20° 7	0°42	29°21	9°39	n.a.	F 28
S 29	7 51 51	29°50'54	3♌31	4°28	7° 2	19°37	11°25	20°14	22°29	14°17	20° 6	0°32	29°18	9°46	n.a.	S 29
S 30	7 55 48	0♒50'50	15°38	4°58	8°14	19°41	11°20	20°20	22°27	14°18	20° 5	0°20	29°14	9°52	n.a.	S 30
M31	7 59 44	1♒50'43	27♌39	5♉32	9♓25	19♍44	11♍16	20♐25	22♊25	14♏18	20♍ 4	0♐ 8	29♏11	9♍59	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s48	17n22	4s10	21s17	1n17	21s18	1s35	9n 4	2n53	8n33	1n34	22s42	0n29	24n 0	0n21	14s36	1n40	19n38	17n14	20s53	20s38	4n28		n.a.
S 2	23 47	14 10	4 44	20 58	1 35	20 59	1 34	8 57	2 54	8 33	1 35	22 43	0 29	24 0	0 21	14 36	1 40	19 38	17 14	20 52	20 37	4 26		n.a.
M 3	23 46	10 26	5 4	20 40	1 52	20 40	1 33	8 51	2 55	8 33	1 35	22 44	0 29	24 0	0 21	14 37	1 40	19 39	17 15	20 51	20 36	4 23		n.a.
T 4	23 44	6 19	5 12	20 24	2 10	20 20	1 32	8 45	2 56	8 33	1 35	22 44	0 29	24 0	0 21	14 37	1 40	19 39	17 15	20 50	20 36	4 21		n.a.
W 5	23 41	2 1	5 5	20 10	2 27	20 0	1 30	8 40	2 58	8 33	1 36	22 45	0 29	24 0	0 21	14 38	1 40	19 40	17 16	20 49	20 35	4 19		n.a.
T 6	23 38	2s22	4 46	19 59	2 43	19 39	1 29	8 34	2 59	8 34	1 36	22 46	0 29	23 59	0 21	14 38	1 41	19 40	17 17	20 48	20 34	4 16		n.a.
F 7	23 35	6 42	4 14	19 49	2 58	19 17	1 27	8 29	3 0	8 34	1 36	22 46	0 28	23 59	0 21	14 38	1 41	19 41	17 17	20 48	20 34	4 14		n.a.
S 8	23 31	10 49	3 31	19 41	3 12	18 55	1 26	8 24	3 1	8 34	1 37	22 47	0 28	23 59	0 21	14 39	1 41	19 41	17 18	20 48	20 33	4 11		n.a.
S 9	23 27	14 35	2 37	19 36	3 24	18 32	1 24	8 18	3 3	8 35	1 37	22 48	0 28	23 59	0 21	14 39	1 41	19 42	17 18	20 48	20 32	4 9		n.a.
M10	23 22	17 47	1 35	19 33	3 34	18 9	1 22	8 14	3 4	8 35	1 37	22 48	0 28	23 59	0 21	14 40	1 41	19 43	17 19	20 49	20 32	4 6		n.a.
T 11	23 17	20 12	0 26	19 32	3 41	17 46	1 20	8 9	3 5	8 36	1 38	22 49	0 28	23 59	0 21	14 40	1 41	19 43	17 19	20 49	20 31	4 4		n.a.
W12	23 11	21 34	0n47	19 32	3 47	17 22	1 19	8 4	3 7	8 36	1 38	22 50	0 28	23 59	0 21	14 40	1 41	19 44	17 20	20 49	20 30	4 2		n.a.
T 13	23 5	21 42	1 59	19 35	3 50	16 57	1 17	8 0	3 8	8 37	1 38	22 50	0 28	23 59	0 21	14 41	1 41	19 44	17 20	20 49	20 30	3 59		n.a.
F 14	22 59	20 27	3 6	19 39	3 51	16 32	1 15	7 56	3 9	8 38	1 38	22 51	0 28	23 58	0 21	14 41	1 41	19 45	17 21	20 48	20 29	3 57		n.a.
S 15	22 52	17 51	4 1	19 44	3 49	16 7	1 12	7 52	3 10	8 39	1 39	22 52	0 28	23 58	0 21	14 41	1 41	19 46	17 21	20 46	20 28	3 54		n.a.
S 16	22 44	14 5	4 42	19 51	3 46	15 41	1 10	7 48	3 12	8 40	1 39	22 52	0 28	23 58	0 21	14 42	1 41	19 46	17 22	20 45	20 28	3 52		n.a.
M17	22 36	9 25	5 4	19 59	3 41	15 15	1 8	7 45	3 13	8 41	1 39	22 53	0 28	23 58	0 21	14 42	1 41	19 47	17 22	20 43	20 27	3 50		n.a.
T 18	22 28	4 13	5 6	20 8	3 34	14 49	1 6	7 42	3 14	8 42	1 40	22 53	0 28	23 58	0 21	14 42	1 41	19 48	17 23	20 42	20 26	3 47		n.a.
W19	22 19	1n 9	4 48	20 18	3 26	14 22	1 3	7 39	3 16	8 43	1 40	22 54	0 28	23 58	0 21	14 43	1 41	19 48	17 24	20 41	20 26	3 45		n.a.
T 20	22 10	6 22	4 12	20 28	3 16	13 55	1 1	7 36	3 17	8 44	1 40	22 55	0 28	23 58	0 21	14 43	1 41	19 49	17 24	20 40	20 25	3 42		n.a.
F 21	22 1	11 9	3 21	20 39	3 6	13 27	0 58	7 33	3 18	8 46	1 40	22 55	0 28	23 58	0 21	14 43	1 41	19 50	17 25	20 40	20 24	3 40		n.a.
S 22	21 51	15 15	2 20	20 51	2 55	12 59	0 55	7 31	3 20	8 47	1 41	22 56	0 28	23 57	0 21	14 44	1 41	19 51	17 25	20 40	20 24	3 38		n.a.
S 23	21 40	18 27	1 12	21 3	2 43	12 31	0 53	7 29	3 21	8 48	1 41	22 56	0 28	23 57	0 21	14 44	1 41	19 51	17 26	20 40	20 23	3 35		n.a.
M24	21 29	20 38	0 2	21 15	2 31	12 3	0 50	7 27	3 22	8 50	1 41	22 57	0 28	23 57	0 21	14 44	1 41	19 52	17 26	20 41	20 22	3 33		n.a.
T 25	21 18	21 40	1s 7	21 27	2 19	11 34	0 47	7 25	3 23	8 51	1 42	22 57	0 28	23 57	0 21	14 44	1 41	19 53	17 27	20 40	20 21	3 31		n.a.
W26	21 7	21 34	2 11	21 40	2 6	11 5	0 44	7 24	3 25	8 53	1 42	22 58	0 27	23 57	0 21	14 45	1 41	19 54	17 27	20 40	20 21	3 28		n.a.
T 27	20 55	20 23	3 8	21 52	1 54	10 35	0 41	7 23	3 26	8 55	1 42	22 58	0 27	23 57	0 21	14 45	1 41	19 54	17 27	20 39	20 20	3 26		n.a.
F 28	20 43	18 14	3 55	22 4	1 41	10 6	0 38	7 22	3 27	8 56	1 42	22 59	0 27	23 57	0 21	14 45	1 41	19 55	17 28	20 37	20 19	3 23		n.a.
S 29	20 30	15 17	4 31	22 16	1 29	9 36	0 35	7 21	3 28	8 58	1 43	22 59	0 27	23 57	0 21	14 45	1 42	19 56	17 28	20 35	20 19	3 21		n.a.
S 30	20 17	11 44	4 53	22 27	1 16	9 6	0 32	7 21	3 30	9 0	1 43	23 0	0 27	23 57	0 21	14 46	1 42	19 57	17 29	20 32	20 18	3 19		n.a.
M31	20s 3	7n45	5s 3	22s38	1n 4	8s36	0s29	7n21	3n31	9n 2	1n43	23s 0	0n27	23n56	0n21	14s46	1n42	19n57	17n29	20s30	20s17	3n16		n.a.

Julian Day Number = 1361651.5, Delta T = 06h58m25s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°40'27, Lahiri = -17°33'27 Julian Calendar 1 Jan. 985 BCE == Greg. Calendar 23 Dec. 986 BCE

The year -984 astronomical counting style corresponds to year 985 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 985 BCE
geocentric

FEBRUARY 985 BCE (-984) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 3 41	2♒50'35	9♍34	6♉11	10♓36	19♍46	11°R12	20♐31	22°R23	14♏19	20°R 3	29°R57	29♏ 8	10♍ 6	n.a.	T 1
W 2	8 7 37	3°50'25	21°25	6°53	11°48	19°48	11♍ 7	20°37	22♊22	14°20	20♍ 2	29♏47	29° 5	10°13	n.a.	W 2
T 3	8 11 34	4°50'13	3♎17	7°39	12°59	19°49	11° 2	20°43	22°20	14°21	20° 1	29°40	29° 2	10°19	n.a.	T 3
F 4	8 15 30	5°49'59	15°11	8°29	14°10	19°R49	10°57	20°49	22°18	14°21	20° 0	29°35	28°58	10°26	n.a.	F 4
S 5	8 19 27	6°49'43	27°13	9°21	15°20	19°48	10°52	20°54	22°17	14°22	19°59	29°33	28°55	10°33	n.a.	S 5
S 6	8 23 24	7°49'25	9♏28	10°17	16°31	19°47	10°47	21° 0	22°15	14°23	19°58	29°D33	28°52	10°40	n.a.	S 6
M 7	8 27 20	8°49'05	22° 0	11°16	17°42	19°45	10°41	21° 6	22°13	14°23	19°57	29°33	28°49	10°46	n.a.	M 7
T 8	8 31 17	9°48'44	4♐54	12°17	18°52	19°42	10°36	21°11	22°12	14°24	19°56	29°R33	28°46	10°53	n.a.	T 8
W 9	8 35 13	10°48'21	18°16	13°21	20° 3	19°39	10°30	21°17	22°10	14°24	19°55	29°32	28°43	11° 0	n.a.	W 9
T 10	8 39 10	11°47'56	2♑ 6	14°28	21°13	19°34	10°24	21°22	22° 9	14°25	19°53	29°28	28°39	11° 6	n.a.	T 10
F 11	8 43 6	12°47'29	16°26	15°36	22°23	19°29	10°18	21°27	22° 8	14°25	19°52	29°22	28°36	11°13	n.a.	F 11
S 12	8 47 3	13°46'59	1♒10	16°47	23°33	19°23	10°12	21°33	22° 6	14°26	19°51	29°13	28°33	11°20	n.a.	S 12
S 13	8 50 59	14°46'28	16°14	18° 0	24°43	19°16	10° 6	21°38	22° 5	14°26	19°50	29° 2	28°30	11°27	n.a.	S 13
M14	8 54 56	15°45'55	1♓25	19°14	25°53	19° 9	9°59	21°43	22° 4	14°27	19°48	28°51	28°27	11°33	n.a.	M14
T 15	8 58 53	16°45'19	16°35	20°31	27° 3	19° 0	9°53	21°48	22° 2	14°27	19°47	28°41	28°24	11°40	n.a.	T 15
W16	9 2 49	17°44'41	1♈33	21°49	28°12	18°51	9°46	21°53	22° 1	14°27	19°46	28°33	28°20	11°47	n.a.	W16
T 17	9 6 46	18°44'00	16°10	23°10	29°22	18°42	9°40	21°58	22° 0	14°27	19°44	28°27	28°17	11°53	n.a.	T 17
F 18	9 10 42	19°43'17	0♉23	24°31	0♈31	18°31	9°33	22° 3	21°59	14°28	19°43	28°24	28°14	12° 0	n.a.	F 18
S 19	9 14 39	20°42'31	14°11	25°55	1°40	18°20	9°26	22° 8	21°58	14°28	19°41	28°23	28°11	12° 7	n.a.	S 19
S 20	9 18 35	21°41'43	27°35	27°20	2°49	18° 8	9°19	22°13	21°57	14°28	19°40	28°23	28° 8	12°14	n.a.	S 20
M21	9 22 32	22°40'53	10♊37	28°47	3°58	17°55	9°12	22°17	21°56	14°28	19°39	28°22	28° 4	12°20	n.a.	M21
T 22	9 26 28	23°40'00	23°22	0♒15	5° 7	17°41	9° 5	22°22	21°55	14°28	19°37	28°21	28° 1	12°27	n.a.	T 22
W23	9 30 25	24°39'05	5♋53	1°45	6°15	17°27	8°58	22°26	21°55	14°28	19°36	28°16	27°58	12°34	n.a.	W23
T 24	9 34 21	25°38'07	18°12	3°16	7°23	17°12	8°50	22°31	21°54	14°28	19°34	28° 9	27°55	12°41	n.a.	T 24
F 25	9 38 18	26°37'07	0♌23	4°49	8°32	16°57	8°43	22°35	21°53	14°R28	19°33	27°59	27°52	12°47	n.a.	F 25
S 26	9 42 15	27°36'05	12°27	6°23	9°39	16°40	8°36	22°40	21°52	14°28	19°31	27°47	27°49	12°54	n.a.	S 26
S 27	9 46 11	28°35'00	24°26	7°59	10°47	16°23	8°28	22°44	21°52	14°28	19°30	27°33	27°45	13° 1	n.a.	S 27
M28	9 50 8	29°33'54	6♍22	9°36	11°55	16° 6	8°21	22°48	21°51	14°28	19°28	27°18	27°42	13° 7	n.a.	M28
T 29	9 54 4	0♓32'45	18♍14	11♒15	13♈ 2	15♍48	8♍13	22♐52	21♊51	14♏28	19♍27	27♏ 5	27♏39	13♍14	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s50	3n30	4s59	22s48	0n52	8s 6	0s25	7n21	3n32	9n 4	1n43	23s 1	0n27	23n56	0n21	14s46	1n42	19n58	17n30	20s27	20s17	3n14		n.a.
W 2	19 36	0s52	4 42	22 57	0 40	7 35	0 22	7 21	3 33	9 6	1 44	23 1	0 27	23 56	0 21	14 46	1 42	19 59	17 30	20 25	20 16	3 11		n.a.
T 3	19 21	5 11	4 13	23 6	0 29	7 4	0 19	7 22	3 34	9 8	1 44	23 2	0 27	23 56	0 21	14 46	1 42	20 0	17 31	20 24	20 15	3 9		n.a.
F 4	19 6	9 20	3 33	23 14	0 18	6 34	0 15	7 23	3 35	9 10	1 44	23 2	0 27	23 56	0 21	14 47	1 42	20 1	17 31	20 23	20 14	3 7		n.a.
S 5	18 51	13 10	2 43	23 21	0 7	6 3	0 12	7 24	3 36	9 12	1 44	23 3	0 27	23 56	0 21	14 47	1 42	20 1	17 31	20 22	20 14	3 4		n.a.
S 6	18 36	16 31	1 45	23 28	0s 3	5 32	0 8	7 26	3 37	9 15	1 44	23 3	0 27	23 56	0 21	14 47	1 42	20 2	17 32	20 22	20 13	3 2		n.a.
M 7	18 20	19 12	0 40	23 33	0 13	5 0	0 5	7 27	3 38	9 17	1 45	23 4	0 27	23 56	0 21	14 47	1 42	20 3	17 32	20 22	20 12	2 59		n.a.
T 8	18 4	20 59	0n28	23 37	0 23	4 29	0 1	7 29	3 39	9 19	1 45	23 4	0 27	23 56	0 21	14 47	1 42	20 4	17 33	20 22	20 12	2 57		n.a.
W 9	17 48	21 40	1 38	23 40	0 33	3 58	0n 3	7 32	3 40	9 22	1 45	23 4	0 27	23 55	0 21	14 47	1 42	20 5	17 33	20 22	20 11	2 55		n.a.
T 10	17 31	21 4	2 43	23 42	0 42	3 26	0 6	7 34	3 41	9 24	1 45	23 5	0 27	23 55	0 21	14 47	1 42	20 6	17 33	20 21	20 10	2 52		n.a.
F 11	17 14	19 7	3 41	23 43	0 50	2 55	0 10	7 37	3 42	9 27	1 45	23 5	0 27	23 55	0 21	14 47	1 42	20 6	17 34	20 20	20 9	2 50		n.a.
S 12	16 57	15 53	4 26	23 42	0 59	2 23	0 14	7 40	3 43	9 29	1 46	23 6	0 27	23 55	0 21	14 47	1 42	20 7	17 34	20 18	20 9	2 48		n.a.
S 13	16 39	11 33	4 54	23 41	1 6	1 51	0 18	7 44	3 44	9 32	1 46	23 6	0 27	23 55	0 21	14 48	1 42	20 8	17 34	20 15	20 8	2 45		n.a.
M14	16 21	6 27	5 1	23 37	1 14	1 20	0 22	7 48	3 45	9 34	1 46	23 6	0 27	23 55	0 21	14 48	1 42	20 9	17 35	20 13	20 7	2 43		n.a.
T 15	16 3	0 59	4 47	23 33	1 21	0 48	0 26	7 52	3 45	9 37	1 46	23 7	0 27	23 55	0 21	14 48	1 42	20 10	17 35	20 11	20 7	2 40		n.a.
W16	15 45	4n29	4 13	23 27	1 28	0 17	0 29	7 56	3 46	9 40	1 46	23 7	0 26	23 55	0 21	14 48	1 42	20 11	17 35	20 9	20 6	2 38		n.a.
T 17	15 27	9 34	3 23	23 20	1 34	0n15	0 33	8 0	3 46	9 42	1 46	23 7	0 26	23 55	0 21	14 48	1 42	20 11	17 36	20 7	20 5	2 36		n.a.
F 18	15 8	14 0	2 22	23 11	1 40	0 47	0 37	8 5	3 47	9 45	1 47	23 8	0 26	23 55	0 21	14 48	1 43	20 12	17 36	20 7	20 4	2 33		n.a.
S 19	14 49	17 31	1 14	23 1	1 45	1 18	0 41	8 10	3 47	9 48	1 47	23 8	0 26	23 55	0 21	14 48	1 43	20 13	17 36	20 6	20 4	2 31		n.a.
S 20	14 30	20 0	0 4	22 49	1 50	1 50	0 45	8 15	3 48	9 51	1 47	23 8	0 26	23 55	0 21	14 48	1 43	20 14	17 37	20 6	20 3	2 28		n.a.
M21	14 10	21 20	1s 4	22 36	1 55	2 21	0 49	8 20	3 48	9 54	1 47	23 9	0 26	23 55	0 21	14 48	1 43	20 15	17 37	20 6	20 2	2 26		n.a.
T 22	13 50	21 31	2 8	22 21	1 59	2 53	0 54	8 26	3 48	9 56	1 47	23 9	0 26	23 54	0 21	14 48	1 43	20 16	17 37	20 6	20 2	2 24		n.a.
W23	13 30	20 37	3 4	22 4	2 3	3 24	0 58	8 32	3 49	9 59	1 47	23 9	0 26	23 54	0 21	14 48	1 43	20 16	17 37	20 5	20 1	2 21		n.a.
T 24	13 10	18 45	3 51	21 46	2 6	3 55	1 2	8 38	3 49	10 2	1 47	23 10	0 26	23 54	0 21	14 48	1 43	20 17	17 38	20 3	20 0	2 19		n.a.
F 25	12 50	16 3	4 26	21 26	2 9	4 26	1 6	8 44	3 49	10 5	1 47	23 10	0 26	23 54	0 21	14 48	1 43	20 18	17 38	20 1	19 59	2 17		n.a.
S 26	12 30	12 43	4 49	21 5	2 11	4 57	1 10	8 50	3 49	10 8	1 48	23 10	0 26	23 54	0 21	14 48	1 43	20 19	17 38	19 58	19 59	2 14		n.a.
S 27	12 9	8 53	4 59	20 41	2 13	5 28	1 14	8 57	3 49	10 11	1 48	23 11	0 26	23 54	0 21	14 47	1 43	20 20	17 38	19 55	19 58	2 12		n.a.
M28	11 48	4 45	4 56	20 16	2 14	5 59	1 18	9 4	3 48	10 14	1 48	23 11	0 26	23 54	0 21	14 47	1 43	20 20	17 39	19 52	19 57	2 9		n.a.
T 29	11s27	0n26	4s40	19s50	2s15	6n29	1n22	9n10	3n48	10n17	1n48	23s11	0n26	23n54	0n21	14s47	1n43	20n21	17n39	19s49	19s57	2n 7		n.a.

Julian Day Number = 1361682.5, Delta T = 06h58m23s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°40'23, Lahiri = -17°33'23 Julian Calendar 1 Feb. 985 BCE == Greg. Calendar 23 Jan. 985 BCE

The year -984 astronomical counting style corresponds to year 985 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 985 BCE
geocentric

MARCH 985 BCE (-984) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 58 1	1♓31'34	0♎ 6	12♒55	14♈10	15°R29	8°R 6	22♐56	21°R50	14°R28	19°R25	26°R53	27♏36	13♍21	n.a.	W 1
T 2	10 1 57	2°30'21	11°58	14°37	15°17	15♍10	7♍58	23° 0	21♊50	14♏28	19♍23	26♏44	27°33	13°28	n.a.	T 2
F 3	10 5 54	3°29'06	23°54	16°20	16°24	14°51	7°50	23° 4	21°50	14°27	19°22	26°37	27°29	13°34	n.a.	F 3
S 4	10 9 50	4°27'49	5♏57	18° 5	17°30	14°31	7°43	23° 8	21°49	14°27	19°20	26°34	27°26	13°41	n.a.	S 4
S 5	10 13 47	5°26'30	18°11	19°51	18°37	14°10	7°35	23°11	21°49	14°27	19°19	26°32	27°23	13°48	n.a.	S 5
M 6	10 17 43	6°25'10	0♐41	21°39	19°43	13°49	7°27	23°15	21°49	14°27	19°17	26°32	27°20	13°54	n.a.	M 6
T 7	10 21 40	7°23'47	13°31	23°28	20°49	13°28	7°20	23°18	21°49	14°26	19°15	26°32	27°17	14° 1	n.a.	T 7
W 8	10 25 37	8°22'23	26°47	25°19	21°55	13° 7	7°12	23°22	21°49	14°26	19°14	26°31	27°14	14° 8	n.a.	W 8
T 9	10 29 33	9°20'58	10♑30	27°12	23° 1	12°45	7° 4	23°25	21°D49	14°25	19°12	26°28	27°10	14°15	n.a.	T 9
F 10	10 33 30	10°19'30	24°43	29° 6	24° 6	12°23	6°57	23°28	21°49	14°25	19°10	26°22	27° 7	14°21	n.a.	F 10
S 11	10 37 26	11°18'01	9♒24	1♓ 1	25°11	12° 1	6°49	23°32	21°49	14°25	19° 9	26°14	27° 4	14°28	n.a.	S 11
S 12	10 41 23	12°16'29	24°28	2°58	26°16	11°38	6°41	23°35	21°49	14°24	19° 7	26° 4	27° 1	14°35	n.a.	S 12
M13	10 45 19	13°14'56	9♓45	4°56	27°21	11°16	6°34	23°38	21°49	14°23	19° 5	25°54	26°58	14°41	n.a.	M13
T 14	10 49 16	14°13'21	25° 4	6°56	28°25	10°53	6°26	23°41	21°49	14°23	19° 4	25°44	26°55	14°48	n.a.	T 14
W15	10 53 12	15°11'43	10♈14	8°58	29°29	10°31	6°19	23°43	21°50	14°22	19° 2	25°36	26°51	14°55	n.a.	W15
T 16	10 57 9	16°10'04	25° 5	11° 1	0♉33	10° 9	6°11	23°46	21°50	14°22	19° 0	25°30	26°48	15° 2	n.a.	T 16
F 17	11 1 6	17° 8'23	9♉31	13° 5	1°37	9°46	6° 4	23°49	21°51	14°21	18°59	25°27	26°45	15° 8	n.a.	F 17
S 18	11 5 2	18° 6'39	23°30	15°10	2°40	9°24	5°56	23°51	21°51	14°20	18°57	25°D26	26°42	15°15	n.a.	S 18
S 19	11 8 59	19° 4'53	7♊ 0	17°16	3°43	9° 2	5°49	23°54	21°52	14°20	18°55	25°26	26°39	15°22	n.a.	S 19
M20	11 12 55	20° 3'05	20° 5	19°23	4°46	8°40	5°41	23°56	21°52	14°19	18°53	25°R27	26°35	15°28	n.a.	M20
T 21	11 16 52	21° 1'15	2♋49	21°31	5°49	8°19	5°34	23°58	21°53	14°18	18°52	25°26	26°32	15°35	n.a.	T 21
W22	11 20 48	21°59'23	15°15	23°40	6°51	7°58	5°27	24° 1	21°53	14°17	18°50	25°23	26°29	15°42	n.a.	W22
T 23	11 24 45	22°57'28	27°28	25°49	7°53	7°37	5°20	24° 3	21°54	14°16	18°48	25°19	26°26	15°49	n.a.	T 23
F 24	11 28 41	23°55'32	9♌32	27°58	8°54	7°17	5°13	24° 5	21°55	14°16	18°47	25°11	26°23	15°55	n.a.	F 24
S 25	11 32 38	24°53'33	21°29	0♈ 6	9°55	6°57	5° 6	24° 7	21°56	14°15	18°45	25° 2	26°20	16° 2	n.a.	S 25
S 26	11 36 34	25°51'33	3♍23	2°15	10°56	6°38	4°59	24° 8	21°57	14°14	18°43	24°51	26°16	16° 9	n.a.	S 26
M27	11 40 31	26°49'30	15°15	4°22	11°57	6°19	4°53	24°10	21°58	14°13	18°42	24°40	26°13	16°15	n.a.	M27
T 28	11 44 28	27°47'26	27° 7	6°28	12°57	6° 0	4°46	24°12	21°59	14°12	18°40	24°29	26°10	16°22	n.a.	T 28
W29	11 48 24	28°45'20	9♎ 1	8°33	13°56	5°42	4°40	24°13	22° 0	14°11	18°38	24°20	26° 7	16°29	n.a.	W29
T 30	11 52 21	29°43'13	20°58	10°37	14°56	5°25	4°33	24°15	22° 1	14°10	18°37	24°13	26° 4	16°36	n.a.	T 30
F 31	11 56 17	0♈41'04	3♏ 1	12♈38	15♉55	5♍ 9	4♍27	24♐16	22♊ 2	14♏ 9	18♍35	24♏ 8	26♏ 0	16♍42	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11s 6	3s52	4s11	19s21	2s15	7n 0	1n26	9n17	3n48	10n20	1n48	23s11	0n26	23n54	0n21	14s47	1n43	20n22	17n39	19s46	19s56	2n 5			n.a.
T 2	10 45	8 3	3 32	18 51	2 15	7 30	1 31	9 25	3 47	10 23	1 48	23 12	0 26	23 54	0 21	14 47	1 43	20 23	17 39	19 44	19 55	2 2			n.a.
F 3	10 23	11 56	2 43	18 19	2 15	8 0	1 35	9 32	3 47	10 25	1 48	23 12	0 26	23 54	0 21	14 47	1 43	20 24	17 39	19 42	19 54	2 0			n.a.
S 4	10 1	15 23	1 47	17 46	2 14	8 30	1 39	9 39	3 46	10 28	1 48	23 12	0 26	23 54	0 21	14 47	1 43	20 24	17 39	19 41	19 54	1 58			n.a.
S 5	9 40	18 13	0 44	17 10	2 12	8 59	1 43	9 46	3 45	10 31	1 48	23 12	0 26	23 54	0 21	14 47	1 43	20 25	17 40	19 41	19 53	1 55			n.a.
M 6	9 18	20 15	0n22	16 33	2 10	9 29	1 47	9 54	3 44	10 34	1 48	23 13	0 26	23 54	0 21	14 47	1 43	20 26	17 40	19 41	19 52	1 53			n.a.
T 7	8 56	21 19	1 29	15 54	2 7	9 58	1 51	10 1	3 43	10 37	1 48	23 13	0 26	23 54	0 21	14 46	1 43	20 27	17 40	19 41	19 51	1 51			n.a.
W 8	8 33	21 13	2 33	15 13	2 4	10 27	1 55	10 9	3 42	10 40	1 48	23 13	0 26	23 54	0 21	14 46	1 43	20 28	17 40	19 41	19 51	1 48			n.a.
T 9	8 11	19 53	3 30	14 31	2 0	10 55	1 59	10 16	3 41	10 43	1 48	23 13	0 26	23 54	0 21	14 46	1 44	20 28	17 40	19 40	19 50	1 46			n.a.
F 10	7 49	17 18	4 17	13 46	1 56	11 24	2 3	10 23	3 40	10 46	1 48	23 13	0 26	23 54	0 21	14 46	1 44	20 29	17 40	19 39	19 49	1 43			n.a.
S 11	7 26	13 32	4 49	13 0	1 51	11 52	2 7	10 31	3 38	10 49	1 48	23 14	0 26	23 54	0 21	14 46	1 44	20 30	17 40	19 37	19 48	1 41			n.a.
S 12	7 4	8 50	5 1	12 13	1 46	12 19	2 11	10 38	3 37	10 52	1 48	23 14	0 25	23 54	0 21	14 46	1 44	20 31	17 40	19 34	19 48	1 39			n.a.
M13	6 41	3 31	4 53	11 23	1 40	12 47	2 15	10 45	3 35	10 55	1 48	23 14	0 25	23 54	0 21	14 45	1 44	20 31	17 40	19 32	19 47	1 36			n.a.
T 14	6 18	2n 2	4 23	10 32	1 33	13 14	2 19	10 53	3 34	10 57	1 48	23 14	0 25	23 54	0 21	14 45	1 44	20 32	17 40	19 29	19 46	1 34			n.a.
W15	5 55	7 24	3 36	9 40	1 26	13 41	2 23	11 0	3 32	11 0	1 48	23 14	0 25	23 54	0 21	14 45	1 44	20 33	17 40	19 27	19 45	1 32			n.a.
T 16	5 32	12 14	2 34	8 46	1 19	14 8	2 27	11 7	3 30	11 3	1 48	23 14	0 25	23 54	0 21	14 45	1 44	20 33	17 41	19 26	19 45	1 29			n.a.
F 17	5 9	16 12	1 24	7 50	1 11	14 34	2 30	11 13	3 28	11 6	1 48	23 15	0 25	23 54	0 21	14 44	1 44	20 34	17 41	19 25	19 44	1 27			n.a.
S 18	4 46	19 6	0 10	6 53	1 2	15 0	2 34	11 20	3 26	11 8	1 48	23 15	0 25	23 54	0 21	14 44	1 44	20 35	17 41	19 25	19 43	1 25			n.a.
S 19	4 23	20 49	1s 1	5 55	0 53	15 25	2 38	11 27	3 24	11 11	1 48	23 15	0 25	23 54	0 21	14 44	1 44	20 36	17 41	19 25	19 42	1 22			n.a.
M20	4 0	21 19	2 7	4 56	0 44	15 50	2 41	11 33	3 22	11 14	1 48	23 15	0 25	23 54	0 21	14 44	1 44	20 36	17 41	19 25	19 42	1 20			n.a.
T 21	3 37	20 42	3 5	3 56	0 34	16 15	2 45	11 39	3 19	11 16	1 48	23 15	0 25	23 54	0 21	14 43	1 44	20 37	17 40	19 25	19 41	1 18			n.a.
W22	3 14	19 4	3 53	2 55	0 24	16 39	2 48	11 45	3 17	11 19	1 47	23 15	0 25	23 54	0 21	14 43	1 44	20 38	17 40	19 24	19 40	1 15			n.a.
T 23	2 50	16 36	4 29	1 54	0 14	17 3	2 52	11 50	3 14	11 22	1 47	23 16	0 25	23 54	0 21	14 43	1 44	20 38	17 40	19 23	19 39	1 13			n.a.
F 24	2 27	13 27	4 53	0 53	0 3	17 27	2 55	11 56	3 12	11 24	1 47	23 16	0 25	23 54	0 21	14 43	1 44	20 39	17 40	19 21	19 39	1 10			n.a.
S 25	2 4	9 47	5 3	0n 9	0n 7	17 50	2 59	12 1	3 9	11 27	1 47	23 16	0 25	23 54	0 21	14 42	1 44	20 39	17 40	19 19	19 38	1 8			n.a.
S 26	1 40	5 46	5 0	1 11	0 18	18 13	3 2	12 6	3 7	11 29	1 47	23 16	0 25	23 54	0 21	14 42	1 44	20 40	17 40	19 16	19 37	1 6			n.a.
M27	1 17	1 32	4 45	2 12	0 29	18 35	3 5	12 11	3 4	11 31	1 47	23 16	0 25	23 54	0 21	14 42	1 44	20 41	17 40	19 14	19 36	1 3			n.a.
T 28	0 54	2s45	4 17	3 13	0 40	18 57	3 8	12 15	3 1	11 34	1 47	23 16	0 25	23 54	0 21	14 41	1 44	20 41	17 40	19 11	19 36	1 1			n.a.
W29	0 30	6 57	3 37	4 13	0 51	19 18	3 11	12 19	2 58	11 36	1 47	23 16	0 25	23 54	0 21	14 41	1 44	20 42	17 40	19 9	19 35	0 59			n.a.
T 30	0 7	10 54	2 48	5 12	1 1	19 39	3 14	12 23	2 56	11 38	1 46	23 16	0 25	23 54	0 21	14 41	1 44	20 42	17 40	19 7	19 34	0 56			n.a.
F 31	0n17	14s26	1s51	6n 9	1n11	19n59	3n17	12n26	2n53	11n40	1n46	23s16	0n25	23n55	0n21	14s40	1n44	20n43	17n40	19s 6	19s33	0n54			n.a.

Julian Day Number = 1361711.5, Delta T = 06h58m22s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°40'19, Lahiri = -17°33'19 Julian Calendar 1 March 985 BCE == Greg. Calendar 21 Feb. 985 BCE

The year -984 astronomical counting style corresponds to year 985 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 985 BCE
geocentric

APRIL 985 BCE (-984) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 0 14	1♈38'53	15♏10	14♈38	16♉53	4°R53	4°R21	24♐17	22♊ 3	14°R 8	18°R33	24°R 6	25♏57	16♍49	n.a.	S 1
S 2	12 4 10	2°36'41	27°31	16°35	17°51	4♍37	4♍15	24°18	22° 4	14♏ 7	18♍32	24°D 6	25°54	16°56	n.a.	S 2
M 3	12 8 7	3°34'28	10♐ 5	18°29	18°49	4°23	4° 9	24°19	22° 6	14° 6	18°30	24♏ 6	25°51	17° 2	n.a.	M 3
T 4	12 12 3	4°32'13	22°57	20°20	19°46	4° 9	4° 3	24°20	22° 7	14° 4	18°29	24° 8	25°48	17° 9	n.a.	T 4
W 5	12 16 0	5°29'57	6♑10	22° 9	20°42	3°56	3°57	24°21	22° 8	14° 3	18°27	24°R 8	25°45	17°16	n.a.	W 5
T 6	12 19 57	6°27'40	19°47	23°55	21°38	3°44	3°52	24°22	22°10	14° 2	18°25	24° 7	25°41	17°23	n.a.	T 6
F 7	12 23 53	7°25'22	3♒50	25°37	22°34	3°32	3°46	24°23	22°11	14° 1	18°24	24° 5	25°38	17°29	n.a.	F 7
S 8	12 27 50	8°23'02	18°19	27°16	23°29	3°21	3°41	24°23	22°13	14° 0	18°22	24° 0	25°35	17°36	n.a.	S 8
S 9	12 31 46	9°20'41	3♓ 9	28°52	24°24	3°11	3°36	24°24	22°14	13°58	18°21	23°54	25°32	17°43	n.a.	S 9
M10	12 35 43	10°18'19	18°14	0♉24	25°18	3° 2	3°31	24°24	22°16	13°57	18°19	23°48	25°29	17°49	n.a.	M10
T 11	12 39 39	11°15'56	3♈25	1°53	26°11	2°53	3°26	24°24	22°18	13°56	18°18	23°42	25°26	17°56	n.a.	T 11
W12	12 43 36	12°13'31	18°31	3°18	27° 4	2°46	3°21	24°24	22°19	13°55	18°16	23°37	25°22	18° 3	n.a.	W12
T 13	12 47 32	13°11'05	3♉24	4°40	27°56	2°39	3°17	24°R24	22°21	13°53	18°15	23°33	25°19	18°10	n.a.	T 13
F 14	12 51 29	14° 8'38	17°55	5°58	28°48	2°33	3°12	24°24	22°23	13°52	18°13	23°D32	25°16	18°16	n.a.	F 14
S 15	12 55 25	15° 6'09	2♊ 1	7°13	29°39	2°28	3° 8	24°24	22°25	13°51	18°12	23°32	25°13	18°23	n.a.	S 15
S 16	12 59 22	16° 3'39	15°39	8°24	0♊29	2°23	3° 4	24°24	22°27	13°49	18°10	23°33	25°10	18°30	n.a.	S 16
M17	13 3 19	17° 1'07	28°50	9°31	1°19	2°20	3° 0	24°24	22°29	13°48	18° 9	23°35	25° 6	18°36	n.a.	M17
T 18	13 7 15	17°58'34	11♋38	10°34	2° 7	2°17	2°56	24°23	22°31	13°46	18° 7	23°36	25° 3	18°43	n.a.	T 18
W19	13 11 12	18°55'59	24° 7	11°34	2°55	2°15	2°53	24°23	22°33	13°45	18° 6	23°R36	25° 0	18°50	n.a.	W19
T 20	13 15 8	19°53'23	6♌20	12°29	3°43	2°14	2°49	24°22	22°35	13°44	18° 4	23°34	24°57	18°57	n.a.	T 20
F 21	13 19 5	20°50'45	18°22	13°20	4°29	2°D14	2°46	24°22	22°37	13°42	18° 3	23°32	24°54	19° 3	n.a.	F 21
S 22	13 23 1	21°48'06	0♍17	14° 8	5°15	2°15	2°43	24°21	22°39	13°41	18° 2	23°28	24°51	19°10	n.a.	S 22
S 23	13 26 58	22°45'26	12° 8	14°51	5°59	2°16	2°40	24°20	22°42	13°39	18° 0	23°23	24°47	19°17	n.a.	S 23
M24	13 30 54	23°42'45	24° 0	15°29	6°43	2°18	2°38	24°19	22°44	13°38	17°59	23°18	24°44	19°23	n.a.	M24
T 25	13 34 51	24°40'02	5♎54	16° 4	7°25	2°21	2°35	24°18	22°46	13°36	17°58	23°13	24°41	19°30	n.a.	T 25
W26	13 38 48	25°37'19	17°53	16°34	8° 7	2°25	2°33	24°17	22°48	13°35	17°57	23° 8	24°38	19°37	n.a.	W26
T 27	13 42 44	26°34'34	29°59	16°59	8°48	2°29	2°30	24°15	22°51	13°33	17°55	23° 5	24°35	19°44	n.a.	T 27
F 28	13 46 41	27°31'49	12♏12	17°21	9°27	2°34	2°28	24°14	22°53	13°32	17°54	23° 4	24°32	19°50	n.a.	F 28
S 29	13 50 37	28°29'03	24°35	17°37	10° 6	2°40	2°27	24°12	22°56	13°30	17°53	23°D 3	24°28	19°57	n.a.	S 29
S 30	13 54 34	29♈26'16	7♐ 9	17♉49	10♊43	2♍47	2♍25	24♐11	22♊58	13♏29	17♍52	23♏ 4	24♏25	20♍ 4	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n40	17s24	0s48	7n 6	1n21	20n19	3n20	12n30	2n50	11n43	1n46	23s17	0n25	23n55	0n21	14s40	1n44	20n43	17n40	19s 5	19s33	0n52		n.a.
S 2	1 3	19 37	0n18	8 0	1 30	20 39	3 22	12 33	2 47	11 45	1 46	23 17	0 25	23 55	0 21	14 40	1 45	20 44	17 39	19 5	19 32	0 49		n.a.
M 3	1 27	20 54	1 25	8 53	1 39	20 58	3 25	12 35	2 44	11 47	1 46	23 17	0 25	23 55	0 21	14 39	1 45	20 44	17 39	19 5	19 31	0 47		n.a.
T 4	1 50	21 8	2 29	9 44	1 48	21 16	3 27	12 38	2 41	11 49	1 46	23 17	0 25	23 55	0 21	14 39	1 45	20 45	17 39	19 6	19 30	0 45		n.a.
W 5	2 13	20 13	3 27	10 32	1 56	21 34	3 29	12 40	2 38	11 51	1 45	23 17	0 24	23 55	0 20	14 38	1 45	20 45	17 39	19 6	19 30	0 42		n.a.
T 6	2 36	18 7	4 15	11 19	2 3	21 51	3 32	12 41	2 35	11 53	1 45	23 17	0 24	23 55	0 20	14 38	1 45	20 46	17 39	19 6	19 29	0 40		n.a.
F 7	2 59	14 54	4 50	12 3	2 9	22 8	3 34	12 43	2 32	11 54	1 45	23 17	0 24	23 55	0 20	14 38	1 45	20 46	17 38	19 5	19 28	0 38		n.a.
S 8	3 22	10 43	5 7	12 45	2 15	22 24	3 36	12 44	2 29	11 56	1 45	23 17	0 24	23 55	0 20	14 37	1 45	20 47	17 38	19 4	19 27	0 35		n.a.
S 9	3 46	5 47	5 5	13 25	2 20	22 40	3 37	12 45	2 25	11 58	1 45	23 17	0 24	23 55	0 20	14 37	1 45	20 47	17 38	19 2	19 27	0 33		n.a.
M10	4 9	0 25	4 41	14 2	2 25	22 56	3 39	12 45	2 22	12 0	1 45	23 17	0 24	23 55	0 20	14 37	1 45	20 48	17 38	19 1	19 26	0 31		n.a.
T 11	4 31	5n 0	3 58	14 37	2 28	23 10	3 41	12 46	2 19	12 1	1 44	23 17	0 24	23 55	0 20	14 36	1 45	20 48	17 38	18 59	19 25	0 28		n.a.
W12	4 54	10 6	2 58	15 10	2 31	23 24	3 42	12 46	2 16	12 3	1 44	23 17	0 24	23 56	0 20	14 36	1 45	20 48	17 37	18 58	19 24	0 26		n.a.
T 13	5 17	14 31	1 47	15 40	2 33	23 38	3 43	12 45	2 13	12 4	1 44	23 17	0 24	23 56	0 20	14 35	1 45	20 49	17 37	18 57	19 23	0 24		n.a.
F 14	5 40	17 55	0 30	16 8	2 34	23 51	3 45	12 44	2 10	12 6	1 44	23 17	0 24	23 56	0 20	14 35	1 45	20 49	17 37	18 57	19 23	0 21		n.a.
S 15	6 2	20 8	0s46	16 34	2 34	24 3	3 46	12 43	2 7	12 7	1 43	23 17	0 24	23 56	0 20	14 34	1 45	20 49	17 36	18 57	19 22	0 19		n.a.
S 16	6 25	21 5	1 57	16 57	2 34	24 15	3 46	12 42	2 4	12 8	1 43	23 17	0 24	23 56	0 20	14 34	1 45	20 50	17 36	18 57	19 21	0 17		n.a.
M17	6 47	20 48	3 0	17 17	2 32	24 27	3 47	12 41	2 1	12 9	1 43	23 18	0 24	23 56	0 20	14 34	1 45	20 50	17 36	18 57	19 20	0 14		n.a.
T 18	7 9	19 26	3 52	17 36	2 30	24 37	3 48	12 39	1 58	12 11	1 43	23 18	0 24	23 56	0 20	14 33	1 45	20 50	17 36	18 58	19 20	0 12		n.a.
W19	7 32	17 10	4 32	17 52	2 27	24 47	3 48	12 37	1 54	12 12	1 42	23 18	0 24	23 56	0 20	14 33	1 45	20 51	17 35	18 58	19 19	0 10		n.a.
T 20	7 54	14 10	4 58	18 5	2 23	24 57	3 48	12 34	1 51	12 13	1 42	23 18	0 24	23 56	0 20	14 32	1 45	20 51	17 35	18 57	19 18	0 7		n.a.
F 21	8 16	10 38	5 11	18 16	2 18	25 6	3 48	12 31	1 48	12 14	1 42	23 18	0 24	23 56	0 20	14 32	1 45	20 51	17 35	18 57	19 17	0 5		n.a.
S 22	8 37	6 43	5 10	18 25	2 12	25 14	3 48	12 28	1 45	12 14	1 42	23 18	0 24	23 57	0 20	14 31	1 45	20 51	17 34	18 56	19 16	0 3		n.a.
S 23	8 59	2 34	4 55	18 32	2 5	25 22	3 47	12 25	1 42	12 15	1 41	23 18	0 24	23 57	0 20	14 31	1 45	20 52	17 34	18 54	19 16	0 0		n.a.
M24	9 21	1s41	4 29	18 36	1 57	25 29	3 47	12 22	1 40	12 16	1 41	23 18	0 24	23 57	0 20	14 30	1 45	20 52	17 34	18 53	19 15	0s 2		n.a.
T 25	9 42	5 53	3 50	18 38	1 49	25 36	3 46	12 18	1 37	12 17	1 41	23 18	0 24	23 57	0 20	14 30	1 45	20 52	17 33	18 52	19 14	0 4		n.a.
W26	10 3	9 54	3 1	18 38	1 39	25 42	3 45	12 14	1 34	12 17	1 41	23 18	0 23	23 57	0 20	14 29	1 45	20 52	17 33	18 51	19 13	0 6		n.a.
T 27	10 24	13 33	2 3	18 36	1 29	25 47	3 43	12 10	1 31	12 18	1 40	23 18	0 23	23 57	0 20	14 29	1 45	20 52	17 32	18 50	19 12	0 9		n.a.
F 28	10 45	16 40	0 59	18 31	1 18	25 52	3 42	12 5	1 28	12 18	1 40	23 18	0 23	23 57	0 20	14 29	1 45	20 52	17 32	18 50	19 12	0 11		n.a.
S 29	11 6	19 4	0n 8	18 24	1 6	25 56	3 40	12 0	1 25	12 19	1 40	23 18	0 23	23 57	0 20	14 28	1 45	20 52	17 32	18 49	19 11	0 13		n.a.
S 30	11n27	20s35	1n17	18n15	0n53	26n 0	3n38	11n55	1n22	12n19	1n40	23s18	0n23	23n58	0n20	14s28	1n45	20n53	17n31	18s50	19s10	0s16		n.a.

Julian Day Number = 1361742.5, Delta T = 06h58m20s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°40'15, Lahiri = -17°33'14 Julian Calendar 1 Apr. 985 BCE == Greg. Calendar 23 March 985 BCE

The year -984 astronomical counting style corresponds to year 985 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 985 BCE
geocentric

MAY 985 BCE (-984) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 58 30	0♉23'29	19♐56	17♉56	11♊19	2♍54	2°R23	24°R 9	23♊ 1	13°R27	17°R51	23♏ 5	24♏22	20♍10	n.a.	M 1
T 2	14 2 27	1°20'41	2♑59	17°R59	11°54	3° 2	2♍22	24♐ 8	23° 3	13♏26	17♍50	23° 7	24°19	20°17	n.a.	T 2
W 3	14 6 24	2°17'52	16°18	17°57	12°27	3°11	2°21	24° 6	23° 6	13°24	17°49	23° 8	24°16	20°24	n.a.	W 3
T 4	14 10 20	3°15'03	29°56	17°51	13° 0	3°20	2°20	24° 4	23° 9	13°22	17°48	23°R 8	24°12	20°31	n.a.	T 4
F 5	14 14 17	4°12'14	13♒53	17°40	13°30	3°30	2°19	24° 2	23°11	13°21	17°46	23° 8	24° 9	20°37	n.a.	F 5
S 6	14 18 13	5° 9'24	28° 9	17°26	14° 0	3°41	2°19	24° 0	23°14	13°19	17°45	23° 7	24° 6	20°44	n.a.	S 6
S 7	14 22 10	6° 6'34	12♓41	17° 8	14°28	3°52	2°18	23°58	23°17	13°18	17°44	23° 6	24° 3	20°51	n.a.	S 7
M 8	14 26 6	7° 3'44	27°25	16°46	14°54	4° 4	2°18	23°55	23°20	13°16	17°44	23° 4	24° 0	20°57	n.a.	M 8
T 9	14 30 3	8° 0'54	12♈15	16°21	15°18	4°17	2°D18	23°53	23°22	13°14	17°43	23° 2	23°57	21° 4	n.a.	T 9
W10	14 33 59	8°58'03	27° 3	15°53	15°41	4°30	2°18	23°51	23°25	13°13	17°42	23° 0	23°53	21°11	n.a.	W10
T 11	14 37 56	9°55'11	11♉42	15°22	16° 3	4°44	2°19	23°48	23°28	13°11	17°41	22°59	23°50	21°17	n.a.	T 11
F 12	14 41 53	10°52'20	26° 5	14°50	16°22	4°58	2°19	23°46	23°31	13°10	17°40	22°D59	23°47	21°24	n.a.	F 12
S 13	14 45 49	11°49'27	10♊ 8	14°17	16°40	5°13	2°20	23°43	23°34	13° 8	17°39	23° 0	23°44	21°31	n.a.	S 13
S 14	14 49 46	12°46'35	23°47	13°42	16°56	5°29	2°21	23°40	23°37	13° 6	17°38	23° 0	23°41	21°38	n.a.	S 14
M15	14 53 42	13°43'41	7♋ 2	13° 8	17° 9	5°45	2°22	23°37	23°40	13° 5	17°38	23° 1	23°37	21°44	n.a.	M15
T 16	14 57 39	14°40'48	19°54	12°34	17°21	6° 2	2°23	23°34	23°43	13° 3	17°37	23° 2	23°34	21°51	n.a.	T 16
W17	15 1 35	15°37'53	2♌26	12° 1	17°31	6°19	2°24	23°31	23°46	13° 1	17°36	23° 3	23°31	21°58	n.a.	W17
T 18	15 5 32	16°34'59	14°41	11°29	17°38	6°37	2°26	23°28	23°49	13° 0	17°36	23°R 3	23°28	22° 4	n.a.	T 18
F 19	15 9 28	17°32'03	26°44	11° 0	17°44	6°55	2°28	23°25	23°52	12°58	17°35	23° 3	23°25	22°11	n.a.	F 19
S 20	15 13 25	18°29'07	8♍40	10°33	17°47	7°14	2°30	23°22	23°56	12°57	17°34	23° 2	23°22	22°18	n.a.	S 20
S 21	15 17 22	19°26'11	20°32	10° 9	17°R47	7°34	2°32	23°19	23°59	12°55	17°34	23° 2	23°18	22°25	n.a.	S 21
M22	15 21 18	20°23'15	2♎25	9°49	17°46	7°53	2°34	23°16	24° 2	12°53	17°33	23° 2	23°15	22°31	n.a.	M22
T 23	15 25 15	21°20'18	14°22	9°33	17°42	8°14	2°36	23°12	24° 5	12°52	17°33	23° 1	23°12	22°38	n.a.	T 23
W24	15 29 11	22°17'21	26°27	9°21	17°35	8°35	2°39	23° 9	24° 8	12°50	17°32	23° 1	23° 9	22°45	n.a.	W24
T 25	15 33 8	23°14'24	8♏42	9°13	17°27	8°56	2°42	23° 5	24°12	12°49	17°32	23°D 1	23° 6	22°51	n.a.	T 25
F 26	15 37 4	24°11'27	21° 9	9°D10	17°15	9°18	2°45	23° 2	24°15	12°47	17°31	23°R 1	23° 3	22°58	n.a.	F 26
S 27	15 41 1	25° 8'30	3♐49	9°11	17° 2	9°40	2°48	22°58	24°18	12°45	17°31	23° 1	22°59	23° 5	n.a.	S 27
S 28	15 44 57	26° 5'33	16°43	9°18	16°46	10° 2	2°51	22°54	24°22	12°44	17°31	23° 1	22°56	23°11	n.a.	S 28
M29	15 48 54	27° 2'37	29°52	9°29	16°28	10°25	2°55	22°51	24°25	12°42	17°30	23° 1	22°53	23°18	n.a.	M29
T 30	15 52 51	27°59'41	13♑14	9°46	16° 7	10°49	2°58	22°47	24°28	12°41	17°30	23° 0	22°50	23°25	n.a.	T 30
W31	15 56 47	28♉56'45	26♑50	10♉ 7	15♊45	11♍13	3♍ 2	22♐43	24♊32	12♏39	17♍30	23♏ 0	22♏47	23♍32	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	11n47	21s 3	2n23	18n 4	0n39	26n 3	3n36	11n50	1n20	12n19	1n39	23s18	0n23	23n58	0n20	14s27	1n45	20n53	17n31	18s50	19s 9	0s18			n.a.
T 2	12 7	20 24	3 22	17 51	0 25	26 5	3 33	11 45	1 17	12 20	1 39	23 18	0 23	23 58	0 20	14 27	1 45	20 53	17 30	18 50	19 9	0 20			n.a.
W 3	12 27	18 37	4 13	17 36	0 10	26 7	3 30	11 39	1 14	12 20	1 39	23 18	0 23	23 58	0 20	14 26	1 45	20 53	17 30	18 51	19 8	0 23			n.a.
T 4	12 47	15 45	4 50	17 20	0s 6	26 8	3 27	11 33	1 12	12 20	1 39	23 18	0 23	23 58	0 20	14 26	1 45	20 53	17 30	18 51	19 7	0 25			n.a.
F 5	13 7	11 57	5 11	17 1	0 22	26 8	3 24	11 27	1 9	12 20	1 38	23 17	0 23	23 58	0 20	14 25	1 45	20 53	17 29	18 51	19 6	0 27			n.a.
S 6	13 27	7 24	5 14	16 41	0 38	26 8	3 20	11 20	1 6	12 20	1 38	23 17	0 23	23 58	0 20	14 25	1 45	20 53	17 29	18 50	19 5	0 30			n.a.
S 7	13 46	2 20	4 57	16 20	0 55	26 8	3 16	11 14	1 4	12 20	1 38	23 17	0 23	23 59	0 20	14 24	1 45	20 53	17 28	18 50	19 5	0 32			n.a.
M 8	14 5	2n56	4 21	15 58	1 11	26 7	3 11	11 7	1 1	12 20	1 37	23 17	0 23	23 59	0 20	14 24	1 45	20 53	17 28	18 50	19 4	0 34			n.a.
T 9	14 24	8 4	3 27	15 34	1 28	26 5	3 7	11 0	0 59	12 19	1 37	23 17	0 23	23 59	0 20	14 23	1 45	20 53	17 27	18 49	19 3	0 36			n.a.
W10	14 42	12 44	2 19	15 10	1 45	26 2	3 2	10 53	0 56	12 19	1 37	23 17	0 23	23 59	0 20	14 23	1 45	20 53	17 27	18 49	19 2	0 39			n.a.
T 11	15 1	16 34	1 2	14 46	2 1	25 59	2 56	10 45	0 54	12 19	1 37	23 17	0 23	23 59	0 20	14 22	1 45	20 53	17 26	18 48	19 1	0 41			n.a.
F 12	15 19	19 18	0s17	14 21	2 17	25 56	2 50	10 38	0 51	12 18	1 36	23 17	0 23	23 59	0 20	14 22	1 45	20 52	17 26	18 48	19 1	0 43			n.a.
S 13	15 37	20 46	1 34	13 57	2 33	25 51	2 44	10 30	0 49	12 18	1 36	23 17	0 23	23 59	0 20	14 21	1 45	20 52	17 25	18 49	19 0	0 46			n.a.
S 14	15 55	20 58	2 42	13 33	2 47	25 46	2 38	10 22	0 46	12 17	1 36	23 17	0 22	24 0	0 20	14 21	1 45	20 52	17 25	18 49	18 59	0 48			n.a.
M15	16 12	19 57	3 40	13 9	3 1	25 41	2 31	10 14	0 44	12 16	1 35	23 17	0 22	24 0	0 20	14 20	1 45	20 52	17 24	18 49	18 58	0 50			n.a.
T 16	16 29	17 56	4 26	12 47	3 14	25 35	2 24	10 5	0 42	12 16	1 35	23 17	0 22	24 0	0 20	14 20	1 45	20 52	17 24	18 49	18 57	0 52			n.a.
W17	16 46	15 6	4 57	12 25	3 25	25 28	2 16	9 57	0 39	12 15	1 35	23 17	0 22	24 0	0 20	14 19	1 45	20 52	17 23	18 49	18 57	0 55			n.a.
T 18	17 3	11 41	5 14	12 6	3 36	25 21	2 8	9 48	0 37	12 14	1 35	23 17	0 22	24 0	0 20	14 19	1 45	20 51	17 23	18 49	18 56	0 57			n.a.
F 19	17 20	7 50	5 16	11 48	3 45	25 13	1 59	9 39	0 35	12 13	1 34	23 17	0 22	24 0	0 20	14 18	1 45	20 51	17 22	18 49	18 55	0 59			n.a.
S 20	17 36	3 44	5 5	11 32	3 53	25 4	1 50	9 30	0 33	12 12	1 34	23 16	0 22	24 0	0 20	14 18	1 45	20 51	17 22	18 49	18 54	1 2			n.a.
S 21	17 52	0s30	4 41	11 19	3 59	24 55	1 41	9 20	0 31	12 11	1 34	23 16	0 22	24 1	0 20	14 17	1 45	20 51	17 21	18 49	18 53	1 4			n.a.
M22	18 7	4 43	4 5	11 8	4 4	24 45	1 31	9 11	0 28	12 10	1 33	23 16	0 22	24 1	0 20	14 17	1 45	20 50	17 21	18 49	18 52	1 6			n.a.
T 23	18 23	8 47	3 18	10 59	4 8	24 35	1 21	9 1	0 26	12 9	1 33	23 16	0 22	24 1	0 20	14 16	1 45	20 50	17 20	18 49	18 52	1 8			n.a.
W24	18 38	12 34	2 22	10 53	4 10	24 23	1 10	8 51	0 24	12 8	1 33	23 16	0 22	24 1	0 20	14 16	1 45	20 50	17 20	18 49	18 51	1 11			n.a.
T 25	18 52	15 52	1 19	10 50	4 11	24 12	0 59	8 41	0 22	12 6	1 33	23 16	0 22	24 1	0 20	14 16	1 45	20 50	17 19	18 49	18 50	1 13			n.a.
F 26	19 7	18 30	0 10	10 49	4 10	23 59	0 48	8 31	0 20	12 5	1 32	23 16	0 22	24 1	0 20	14 15	1 45	20 49	17 18	18 49	18 49	1 15			n.a.
S 27	19 21	20 16	1n 0	10 51	4 9	23 46	0 36	8 21	0 18	12 4	1 32	23 16	0 22	24 1	0 20	14 15	1 45	20 49	17 18	18 49	18 48	1 18			n.a.
S 28	19 35	21 1	2 8	10 56	4 6	23 32	0 24	8 10	0 16	12 2	1 32	23 16	0 22	24 2	0 20	14 14	1 45	20 49	17 17	18 49	18 48	1 20			n.a.
M29	19 48	20 38	3 10	11 3	4 2	23 18	0 11	8 0	0 14	12 1	1 31	23 15	0 21	24 2	0 20	14 14	1 45	20 48	17 17	18 49	18 47	1 22			n.a.
T 30	20 1	19 6	4 4	11 13	3 57	23 3	0s 2	7 49	0 12	11 59	1 31	23 15	0 21	24 2	0 20	14 13	1 45	20 48	17 16	18 49	18 46	1 24			n.a.
W31	20n14	16s28	4n45	11n26	3s51	22n48	0s15	7n38	0n10	11n57	1n31	23s15	0n21	24n 2	0n20	14s13	1n45	20n47	17n16	18s48	18s45	1s27			n.a.

Julian Day Number = 1361772.5, Delta T = 06h58m19s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°40'11, Lahiri = -17°33'10 Julian Calendar 1 May 985 BCE == Greg. Calendar 22 Apr. 985 BCE

The year -984 astronomical counting style corresponds to year 985 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 985 BCE
geocentric

JUNE 985 BCE (-984) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 0 44	29♉53'50	10♒38	10♉34	15°R20	11♍37	3♍ 6	22°R39	24♊35	12°R38	17°R30	22°R59	22♏43	23♍38	n.a.	T 1
F 2	16 4 40	0♊50'55	24°38	11° 6	14♊53	12° 1	3°10	22♐35	24°39	12♏36	17♍30	22°D59	22°40	23°45	n.a.	F 2
S 3	16 8 37	1°48'01	8♓47	11°43	14°25	12°26	3°14	22°31	24°42	12°35	17°29	22♏59	22°37	23°52	n.a.	S 3
S 4	16 12 33	2°45'08	23° 5	12°25	13°54	12°52	3°19	22°27	24°46	12°33	17°29	22°59	22°34	23°58	n.a.	S 4
M 5	16 16 30	3°42'15	7♈28	13°11	13°23	13°18	3°23	22°23	24°49	12°32	17°29	23° 0	22°31	24° 5	n.a.	M 5
T 6	16 20 27	4°39'23	21°52	14° 3	12°49	13°44	3°28	22°19	24°53	12°30	17°29	23° 1	22°28	24°12	n.a.	T 6
W 7	16 24 23	5°36'31	6♉14	15° 0	12°15	14°10	3°33	22°15	24°56	12°29	17°D29	23° 2	22°24	24°19	n.a.	W 7
T 8	16 28 20	6°33'40	20°30	16° 1	11°39	14°37	3°38	22°11	25° 0	12°27	17°29	23°R 2	22°21	24°25	n.a.	T 8
F 9	16 32 16	7°30'50	4♊33	17° 7	11° 3	15° 4	3°43	22° 6	25° 3	12°26	17°29	23° 2	22°18	24°32	n.a.	F 9
S 10	16 36 13	8°28'01	18°22	18°18	10°26	15°32	3°49	22° 2	25° 7	12°25	17°29	23° 1	22°15	24°39	n.a.	S 10
S 11	16 40 9	9°25'12	1♋52	19°33	9°49	16° 0	3°54	21°58	25°11	12°23	17°29	22°59	22°12	24°45	n.a.	S 11
M12	16 44 6	10°22'24	15° 3	20°53	9°12	16°28	4° 0	21°54	25°14	12°22	17°30	22°57	22° 9	24°52	n.a.	M12
T 13	16 48 2	11°19'36	27°54	22°17	8°35	16°57	4° 6	21°49	25°18	12°20	17°30	22°54	22° 5	24°59	n.a.	T 13
W14	16 51 59	12°16'48	10♌26	23°45	7°58	17°26	4°12	21°45	25°21	12°19	17°30	22°52	22° 2	25° 5	n.a.	W14
T 15	16 55 56	13°14'01	22°42	25°18	7°22	17°55	4°18	21°41	25°25	12°18	17°30	22°50	21°59	25°12	n.a.	T 15
F 16	16 59 52	14°11'14	4♍46	26°54	6°47	18°25	4°24	21°36	25°29	12°16	17°31	22°48	21°56	25°19	n.a.	F 16
S 17	17 3 49	15° 8'28	16°42	28°34	6°13	18°54	4°30	21°32	25°32	12°15	17°31	22°D48	21°53	25°26	n.a.	S 17
S 18	17 7 45	16° 5'43	28°34	0♊18	5°40	19°25	4°37	21°27	25°36	12°14	17°31	22°49	21°49	25°32	n.a.	S 18
M19	17 11 42	17° 2'58	10♎28	2° 6	5° 8	19°55	4°43	21°23	25°40	12°13	17°32	22°50	21°46	25°39	n.a.	M19
T 20	17 15 38	18° 0'14	22°27	3°56	4°38	20°26	4°50	21°18	25°43	12°11	17°32	22°52	21°43	25°46	n.a.	T 20
W21	17 19 35	18°57'30	4♏36	5°50	4°10	20°57	4°57	21°14	25°47	12°10	17°33	22°53	21°40	25°52	n.a.	W21
T 22	17 23 32	19°54'47	17° 0	7°45	3°44	21°28	5° 4	21°10	25°51	12° 9	17°33	22°R54	21°37	25°59	n.a.	T 22
F 23	17 27 28	20°52'05	29°39	9°44	3°19	21°59	5°11	21° 5	25°54	12° 8	17°34	22°54	21°34	26° 6	n.a.	F 23
S 24	17 31 25	21°49'24	12♐37	11°44	2°57	22°31	5°19	21° 1	25°58	12° 7	17°34	22°53	21°30	26°12	n.a.	S 24
S 25	17 35 21	22°46'44	25°53	13°46	2°37	23° 3	5°26	20°56	26° 2	12° 5	17°35	22°50	21°27	26°19	n.a.	S 25
M26	17 39 18	23°44'05	9♑26	15°49	2°20	23°36	5°34	20°52	26° 5	12° 4	17°35	22°46	21°24	26°26	n.a.	M26
T 27	17 43 14	24°41'28	23°15	17°52	2° 4	24° 8	5°41	20°47	26° 9	12° 3	17°36	22°41	21°21	26°33	n.a.	T 27
W28	17 47 11	25°38'51	7♒15	19°57	1°51	24°41	5°49	20°43	26°13	12° 2	17°37	22°37	21°18	26°39	n.a.	W28
T 29	17 51 7	26°36'16	21°23	22° 2	1°41	25°14	5°57	20°38	26°17	12° 1	17°38	22°32	21°15	26°46	n.a.	T 29
F 30	17 55 4	27♊33'42	5♓36	24♊ 6	1♊33	25♍47	6♍ 5	20♐34	26♊20	12♏ 0	17♍38	22♏29	21♏11	26♍53	n.a.	F 30

Day	☉		☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n27	12s53	5n10	11n40	3s44	22n31	0s28	7n27	0n 9	11n56	1n31	23s15	0n21	24n 2	0n20	14s12	1n45	20n47	17n15	18s48	18s44	1s29		n.a.
F 2	20 39	8 33	5 17	11 58	3 37	22 15	0 42	7 16	0 7	11 54	1 30	23 15	0 21	24 2	0 20	14 12	1 45	20 46	17 14	18 48	18 44	1 31		n.a.
S 3	20 51	3 42	5 5	12 17	3 28	21 58	0 56	7 4	0 5	11 52	1 30	23 15	0 21	24 2	0 20	14 11	1 45	20 46	17 14	18 48	18 43	1 33		n.a.
S 4	21 2	1n24	4 34	12 39	3 19	21 40	1 10	6 53	0 3	11 50	1 30	23 15	0 21	24 3	0 20	14 11	1 45	20 45	17 13	18 48	18 42	1 36		n.a.
M 5	21 13	6 28	3 46	13 3	3 9	21 22	1 24	6 41	0 1	11 48	1 30	23 14	0 21	24 3	0 20	14 11	1 45	20 45	17 13	18 49	18 41	1 38		n.a.
T 6	21 24	11 11	2 44	13 28	2 58	21 4	1 38	6 29	0s 1	11 46	1 29	23 14	0 21	24 3	0 20	14 10	1 45	20 44	17 12	18 49	18 40	1 40		n.a.
W 7	21 34	15 15	1 32	13 55	2 47	20 46	1 52	6 17	0 2	11 44	1 29	23 14	0 21	24 3	0 20	14 10	1 45	20 44	17 12	18 49	18 39	1 43		n.a.
T 8	21 44	18 22	0 14	14 24	2 36	20 27	2 6	6 5	0 4	11 42	1 29	23 14	0 21	24 3	0 20	14 9	1 45	20 43	17 11	18 49	18 39	1 45		n.a.
F 9	21 54	20 21	1s 3	14 55	2 24	20 8	2 20	5 53	0 6	11 40	1 28	23 14	0 21	24 3	0 20	14 9	1 45	20 43	17 10	18 49	18 38	1 47		n.a.
S 10	22 3	21 3	2 16	15 26	2 11	19 50	2 34	5 41	0 7	11 38	1 28	23 14	0 21	24 3	0 20	14 9	1 45	20 42	17 10	18 49	18 37	1 49		n.a.
S 11	22 12	20 29	3 18	15 59	1 59	19 31	2 47	5 28	0 9	11 35	1 28	23 13	0 20	24 4	0 20	14 8	1 45	20 42	17 9	18 48	18 36	1 52		n.a.
M12	22 21	18 49	4 9	16 33	1 46	19 12	3 0	5 15	0 11	11 33	1 28	23 13	0 20	24 4	0 20	14 8	1 44	20 41	17 9	18 48	18 35	1 54		n.a.
T 13	22 29	16 14	4 46	17 8	1 33	18 54	3 13	5 3	0 12	11 31	1 27	23 13	0 20	24 4	0 20	14 7	1 44	20 40	17 8	18 47	18 34	1 56		n.a.
W14	22 37	12 58	5 8	17 43	1 20	18 36	3 26	4 50	0 14	11 28	1 27	23 13	0 20	24 4	0 20	14 7	1 44	20 40	17 7	18 46	18 34	1 58		n.a.
T 15	22 44	9 12	5 15	18 18	1 7	18 18	3 38	4 37	0 15	11 26	1 27	23 13	0 20	24 4	0 20	14 7	1 44	20 39	17 7	18 46	18 33	2 1		n.a.
F 16	22 51	5 8	5 8	18 54	0 54	18 1	3 49	4 24	0 17	11 23	1 27	23 12	0 20	24 4	0 20	14 6	1 44	20 39	17 6	18 46	18 32	2 3		n.a.
S 17	22 58	0 55	4 48	19 29	0 41	17 44	4 0	4 10	0 18	11 21	1 26	23 12	0 20	24 4	0 20	14 6	1 44	20 38	17 6	18 46	18 31	2 5		n.a.
S 18	23 4	3s19	4 16	20 4	0 28	17 28	4 11	3 57	0 20	11 18	1 26	23 12	0 20	24 4	0 20	14 6	1 44	20 37	17 5	18 46	18 30	2 7		n.a.
M19	23 10	7 27	3 33	20 39	0 16	17 13	4 21	3 44	0 21	11 15	1 26	23 12	0 20	24 5	0 20	14 5	1 44	20 37	17 5	18 46	18 29	2 9		n.a.
T 20	23 16	11 20	2 40	21 13	0 3	16 58	4 30	3 30	0 23	11 13	1 26	23 12	0 20	24 5	0 20	14 5	1 44	20 36	17 4	18 46	18 29	2 12		n.a.
W21	23 21	14 48	1 39	21 45	0n 8	16 44	4 39	3 16	0 24	11 10	1 25	23 11	0 20	24 5	0 20	14 4	1 44	20 35	17 3	18 47	18 28	2 14		n.a.
T 22	23 25	17 41	0 32	22 16	0 20	16 31	4 47	3 2	0 26	11 7	1 25	23 11	0 19	24 5	0 20	14 4	1 44	20 34	17 3	18 47	18 27	2 16		n.a.
F 23	23 29	19 47	0n37	22 45	0 30	16 19	4 55	2 49	0 27	11 4	1 25	23 11	0 19	24 5	0 20	14 4	1 44	20 34	17 2	18 47	18 26	2 18		n.a.
S 24	23 33	20 55	1 46	23 13	0 41	16 8	5 2	2 35	0 29	11 1	1 25	23 11	0 19	24 5	0 20	14 4	1 44	20 33	17 2	18 47	18 25	2 21		n.a.
S 25	23 37	20 54	2 51	23 38	0 50	15 58	5 8	2 20	0 30	10 58	1 24	23 11	0 19	24 5	0 20	14 3	1 44	20 32	17 1	18 46	18 24	2 23		n.a.
M26	23 40	19 41	3 47	24 1	0 59	15 49	5 14	2 6	0 31	10 55	1 24	23 10	0 19	24 5	0 20	14 3	1 44	20 31	17 0	18 45	18 24	2 25		n.a.
T 27	23 42	17 19	4 32	24 22	1 7	15 41	5 19	1 52	0 33	10 52	1 24	23 10	0 19	24 6	0 20	14 3	1 44	20 30	17 0	18 44	18 23	2 27		n.a.
W28	23 44	13 54	5 0	24 40	1 15	15 34	5 24	1 38	0 34	10 49	1 24	23 10	0 19	24 6	0 20	14 2	1 44	20 30	16 59	18 43	18 22	2 30		n.a.
T 29	23 46	9 41	5 11	24 55	1 21	15 28	5 28	1 23	0 35	10 46	1 24	23 10	0 19	24 6	0 20	14 2	1 44	20 29	16 59	18 41	18 21	2 32		n.a.
F 30	23n47	4s54	5n 3	25n 8	1n27	15n23	5s31	1n 9	0s37	10n42	1n23	23s10	0n19	24n 6	0n20	14s 2	1n44	20n28	16n58	18s41	18s20	2s34		n.a.

Julian Day Number = 1361803.5, Delta T = 06h58m17s
Ecliptic obliquity = 23°48'40, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°40'07, Lahiri = -17°33'06 Julian Calendar 1 June 985 BCE == Greg. Calendar 23 May 985 BCE

The year -984 astronomical counting style corresponds to year 985 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 985 BCE
geocentric

JULY 985 BCE (-984) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 59 1	28♊31'10	19♓50	26♊11	1°R27	26♍21	6♍13	20°R30	26♊24	11°R59	17♍39	22°R28	21♏ 8	26♍59	n.a.	S 1
S 2	18 2 57	29°28'39	4♈ 2	28°15	1♊24	26°54	6°22	20♐25	26°28	11♏58	17°40	22°D27	21° 5	27° 6	n.a.	S 2
M 3	18 6 54	0♋26'10	18°11	0♋18	1°D23	27°28	6°30	20°21	26°31	11°57	17°41	22♏28	21° 2	27°13	n.a.	M 3
T 4	18 10 50	1°23'43	2♉14	2°21	1°24	28° 3	6°39	20°16	26°35	11°56	17°42	22°30	20°59	27°19	n.a.	T 4
W 5	18 14 47	2°21'17	16°11	4°22	1°28	28°37	6°47	20°12	26°39	11°55	17°43	22°R31	20°55	27°26	n.a.	W 5
T 6	18 18 43	3°18'52	29°59	6°23	1°33	29°12	6°56	20° 8	26°42	11°55	17°44	22°31	20°52	27°33	n.a.	T 6
F 7	18 22 40	4°16'30	13♊38	8°22	1°42	29°47	7° 5	20° 4	26°46	11°54	17°45	22°29	20°49	27°40	n.a.	F 7
S 8	18 26 36	5°14'09	27° 5	10°20	1°52	0♎22	7°14	19°59	26°50	11°53	17°46	22°25	20°46	27°46	n.a.	S 8
S 9	18 30 33	6°11'49	10♋19	12°17	2° 4	0°57	7°23	19°55	26°53	11°52	17°47	22°19	20°43	27°53	n.a.	S 9
M10	18 34 30	7° 9'31	23°17	14°12	2°18	1°32	7°32	19°51	26°57	11°51	17°48	22°12	20°40	28° 0	n.a.	M10
T 11	18 38 26	8° 7'14	6♌ 0	16° 7	2°35	2° 8	7°41	19°47	27° 1	11°51	17°49	22° 4	20°36	28° 6	n.a.	T 11
W12	18 42 23	9° 4'58	18°27	17°59	2°53	2°44	7°51	19°43	27° 4	11°50	17°50	21°56	20°33	28°13	n.a.	W12
T 13	18 46 19	10° 2'44	0♍41	19°51	3°13	3°20	8° 0	19°39	27° 8	11°49	17°51	21°48	20°30	28°20	n.a.	T 13
F 14	18 50 16	11° 0'32	12°43	21°40	3°34	3°56	8°10	19°35	27°12	11°49	17°53	21°43	20°27	28°26	n.a.	F 14
S 15	18 54 12	11°58'20	24°38	23°29	3°58	4°33	8°20	19°31	27°15	11°48	17°54	21°39	20°24	28°33	n.a.	S 15
S 16	18 58 9	12°56'10	6♎28	25°16	4°23	5°10	8°29	19°27	27°19	11°47	17°55	21°37	20°21	28°40	n.a.	S 16
M17	19 2 5	13°54'01	18°20	27° 2	4°50	5°47	8°39	19°23	27°23	11°47	17°56	21°D37	20°17	28°46	n.a.	M17
T 18	19 6 2	14°51'54	0♏19	28°46	5°18	6°24	8°49	19°19	27°26	11°46	17°58	21°38	20°14	28°53	n.a.	T 18
W19	19 9 59	15°49'48	12°29	0♐29	5°48	7° 1	8°59	19°15	27°30	11°46	17°59	21°39	20°11	29° 0	n.a.	W19
T 20	19 13 55	16°47'44	24°56	2°11	6°19	7°38	9°10	19°12	27°33	11°45	18° 1	21°R39	20° 8	29° 7	n.a.	T 20
F 21	19 17 52	17°45'41	7♑43	3°52	6°52	8°16	9°20	19° 8	27°37	11°45	18° 2	21°38	20° 5	29°13	n.a.	F 21
S 22	19 21 48	18°43'40	20°52	5°31	7°26	8°54	9°30	19° 5	27°40	11°45	18° 3	21°35	20° 1	29°20	n.a.	S 22
S 23	19 25 45	19°41'40	4♒26	7° 8	8° 1	9°31	9°41	19° 1	27°44	11°44	18° 5	21°29	19°58	29°27	n.a.	S 23
M24	19 29 41	20°39'42	18°22	8°45	8°38	10°10	9°51	18°58	27°47	11°44	18° 6	21°21	19°55	29°33	n.a.	M24
T 25	19 33 38	21°37'46	2♓37	10°20	9°16	10°48	10° 2	18°54	27°51	11°44	18° 8	21°12	19°52	29°40	n.a.	T 25
W26	19 37 34	22°35'52	17° 6	11°54	9°55	11°26	10°12	18°51	27°54	11°43	18°10	21° 2	19°49	29°47	n.a.	W26
T 27	19 41 31	23°34'00	1♈40	13°27	10°35	12° 5	10°23	18°48	27°58	11°43	18°11	20°54	19°46	29°53	n.a.	T 27
F 28	19 45 28	24°32'10	16°14	14°58	11°16	12°43	10°34	18°44	28° 1	11°43	18°13	20°47	19°42	0♎ 0	n.a.	F 28
S 29	19 49 24	25°30'22	0♉42	16°28	11°58	13°22	10°45	18°41	28° 5	11°43	18°14	20°42	19°39	0° 7	n.a.	S 29
S 30	19 53 21	26°28'36	15° 0	17°57	12°41	14° 1	10°56	18°38	28° 8	11°43	18°16	20°40	19°36	0°13	n.a.	S 30
M31	19 57 17	27♋26'52	29♉ 6	19♌25	13♊26	14♎40	11♍ 7	18♐35	28♊11	11♏42	18♍18	20°D39	19♏33	0♎20	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	0n 9	4n37	25n18	1n32	15n19	5s34	0n54	0s38	10n39	1n23	23s 9	0n19	24n 6	0n20	14s 2	1n44	20n27	16n58	18s40	18s19	2s36		n.a.
S 2	23 49	5 11	3 53	25 25	1 37	15 16	5 36	0 39	0 39	10 36	1 23	23 9	0 19	24 6	0 20	14 1	1 44	20 26	16 57	18 40	18 18	2 38		n.a.
M 3	23 49	9 56	2 56	25 29	1 41	15 14	5 38	0 24	0 40	10 32	1 23	23 9	0 18	24 6	0 20	14 1	1 44	20 25	16 56	18 40	18 18	2 41		n.a.
T 4	23 48	14 7	1 48	25 31	1 43	15 13	5 40	0 9	0 41	10 29	1 22	23 9	0 18	24 6	0 20	14 1	1 44	20 25	16 56	18 41	18 17	2 43		n.a.
W 5	23 47	17 29	0 34	25 30	1 46	15 13	5 41	0s 6	0 43	10 26	1 22	23 8	0 18	24 7	0 20	14 1	1 43	20 24	16 55	18 41	18 16	2 45		n.a.
T 6	23 46	19 48	0s41	25 26	1 47	15 13	5 42	0 21	0 44	10 22	1 22	23 8	0 18	24 7	0 20	14 0	1 43	20 23	16 55	18 41	18 15	2 47		n.a.
F 7	23 44	20 56	1 52	25 20	1 48	15 14	5 42	0 36	0 45	10 19	1 22	23 8	0 18	24 7	0 20	14 0	1 43	20 22	16 54	18 40	18 14	2 50		n.a.
S 8	23 42	20 51	2 56	25 12	1 48	15 16	5 42	0 51	0 46	10 15	1 22	23 8	0 18	24 7	0 20	14 0	1 43	20 21	16 54	18 40	18 13	2 52		n.a.
S 9	23 40	19 35	3 49	25 2	1 48	15 19	5 41	1 6	0 47	10 11	1 21	23 8	0 18	24 7	0 20	14 0	1 43	20 20	16 53	18 38	18 12	2 54		n.a.
M10	23 37	17 20	4 30	24 49	1 47	15 23	5 40	1 22	0 48	10 8	1 21	23 7	0 18	24 7	0 21	14 0	1 43	20 19	16 53	18 36	18 12	2 56		n.a.
T 11	23 33	14 17	4 56	24 34	1 46	15 27	5 39	1 37	0 49	10 4	1 21	23 7	0 18	24 7	0 21	13 59	1 43	20 18	16 52	18 34	18 11	2 58		n.a.
W12	23 30	10 40	5 7	24 18	1 44	15 32	5 38	1 52	0 51	10 0	1 21	23 7	0 18	24 7	0 21	13 59	1 43	20 17	16 51	18 32	18 10	3 1		n.a.
T 13	23 25	6 40	5 4	23 59	1 41	15 38	5 36	2 8	0 52	9 56	1 21	23 7	0 17	24 7	0 21	13 59	1 43	20 16	16 51	18 30	18 9	3 3		n.a.
F 14	23 21	2 28	4 47	23 39	1 38	15 44	5 34	2 24	0 53	9 53	1 20	23 6	0 17	24 7	0 21	13 59	1 43	20 15	16 50	18 28	18 8	3 5		n.a.
S 15	23 16	1s47	4 18	23 17	1 35	15 50	5 32	2 39	0 54	9 49	1 20	23 6	0 17	24 7	0 21	13 59	1 43	20 14	16 50	18 28	18 7	3 7		n.a.
S 16	23 10	5 57	3 39	22 54	1 31	15 57	5 29	2 55	0 55	9 45	1 20	23 6	0 17	24 8	0 21	13 59	1 43	20 13	16 49	18 27	18 6	3 9		n.a.
M17	23 4	9 54	2 49	22 30	1 27	16 5	5 27	3 11	0 56	9 41	1 20	23 6	0 17	24 8	0 21	13 59	1 43	20 12	16 49	18 27	18 6	3 12		n.a.
T 18	22 58	13 30	1 52	22 4	1 22	16 13	5 24	3 27	0 57	9 37	1 20	23 6	0 17	24 8	0 21	13 58	1 43	20 11	16 48	18 27	18 5	3 14		n.a.
W19	22 51	16 36	0 49	21 37	1 17	16 21	5 21	3 42	0 58	9 33	1 20	23 5	0 17	24 8	0 21	13 58	1 43	20 10	16 48	18 27	18 4	3 16		n.a.
T 20	22 44	19 1	0n18	21 9	1 12	16 29	5 17	3 58	0 59	9 29	1 19	23 5	0 17	24 8	0 21	13 58	1 43	20 9	16 47	18 28	18 3	3 18		n.a.
F 21	22 37	20 32	1 25	20 40	1 6	16 38	5 14	4 14	1 0	9 25	1 19	23 5	0 17	24 8	0 21	13 58	1 43	20 8	16 47	18 27	18 2	3 20		n.a.
S 22	22 29	21 0	2 30	20 10	1 1	16 48	5 10	4 30	1 1	9 21	1 19	23 5	0 16	24 8	0 21	13 58	1 42	20 7	16 46	18 26	18 1	3 23		n.a.
S 23	22 20	20 16	3 28	19 39	0 54	16 57	5 6	4 46	1 1	9 16	1 19	23 5	0 16	24 8	0 21	13 58	1 42	20 6	16 46	18 25	18 0	3 25		n.a.
M24	22 12	18 19	4 15	19 7	0 48	17 7	5 2	5 2	1 2	9 12	1 19	23 4	0 16	24 8	0 21	13 58	1 42	20 5	16 45	18 23	18 0	3 27		n.a.
T 25	22 3	15 12	4 48	18 35	0 41	17 16	4 58	5 18	1 3	9 8	1 18	23 4	0 16	24 8	0 21	13 58	1 42	20 4	16 45	18 20	17 59	3 29		n.a.
W26	21 53	11 9	5 3	18 2	0 34	17 26	4 54	5 34	1 4	9 4	1 18	23 4	0 16	24 8	0 21	13 58	1 42	20 3	16 44	18 18	17 58	3 31		n.a.
T 27	21 43	6 24	4 58	17 29	0 27	17 36	4 49	5 50	1 5	9 0	1 18	23 4	0 16	24 8	0 21	13 58	1 42	20 2	16 44	18 15	17 57	3 34		n.a.
F 28	21 33	1 18	4 35	16 55	0 20	17 47	4 45	6 6	1 6	8 55	1 18	23 4	0 16	24 9	0 21	13 58	1 42	20 1	16 43	18 14	17 56	3 36		n.a.
S 29	21 22	3n51	3 53	16 21	0 12	17 57	4 40	6 23	1 7	8 51	1 18	23 4	0 16	24 9	0 21	13 58	1 42	20 0	16 43	18 12	17 55	3 38		n.a.
S 30	21 11	8 43	2 58	15 46	0 5	18 7	4 36	6 39	1 7	8 46	1 18	23 3	0 16	24 9	0 21	13 58	1 42	19 59	16 43	18 12	17 54	3 40		n.a.
M31	21n 0	13n 4	1n52	15n11	0s 3	18n17	4s31	6s55	1s 8	8n42	1n18	23s 3	0n15	24n 9	0n21	13s58	1n42	19n58	16n42	18s12	17s53	3s42		n.a.

Julian Day Number = 1361833.5, Delta T = 06h58m16s
Ecliptic obliquity = 23°48'39, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°40'02, Lahiri = -17°33'02 Julian Calendar 1 July 985 BCE == Greg. Calendar 22 June 985 BCE

The year -984 astronomical counting style corresponds to year 985 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 985 BCE
geocentric

AUGUST 985 BCE (-984) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 1 14	28♋25'11	12♉58	20♌51	14♊11	15♎20	11♍18	18°R32	28♊15	11°R42	18♍19	20♏39	19♏30	0♎27	n.a.	T 1
W 2	20 5 10	29°23'32	26°37	22°16	14°57	15°59	11°29	18♐29	28°18	11♏42	18°21	20°R39	19°26	0°34	n.a.	W 2
T 3	20 9 7	0♌21'55	10♊ 4	23°39	15°44	16°39	11°41	18°27	28°21	11°D42	18°23	20°38	19°23	0°40	n.a.	T 3
F 4	20 13 3	1°20'20	23°19	25° 2	16°32	17°19	11°52	18°24	28°25	11°42	18°25	20°34	19°20	0°47	n.a.	F 4
S 5	20 17 0	2°18'48	6♋24	26°22	17°20	17°58	12° 3	18°21	28°28	11°42	18°27	20°27	19°17	0°54	n.a.	S 5
S 6	20 20 57	3°17'18	19°17	27°42	18°10	18°38	12°15	18°19	28°31	11°42	18°28	20°18	19°14	1° 0	n.a.	S 6
M 7	20 24 53	4°15'50	1♌58	29° 0	19° 0	19°19	12°26	18°17	28°34	11°43	18°30	20° 6	19°11	1° 7	n.a.	M 7
T 8	20 28 50	5°14'24	14°28	0♍16	19°51	19°59	12°38	18°14	28°37	11°43	18°32	19°53	19° 7	1°14	n.a.	T 8
W 9	20 32 46	6°12'59	26°46	1°31	20°42	20°39	12°50	18°12	28°40	11°43	18°34	19°40	19° 4	1°20	n.a.	W 9
T 10	20 36 43	7°11'37	8♍54	2°44	21°34	21°20	13° 2	18°10	28°44	11°43	18°36	19°28	19° 1	1°27	n.a.	T 10
F 11	20 40 39	8°10'17	20°52	3°55	22°27	22° 1	13°13	18° 8	28°47	11°43	18°38	19°18	18°58	1°34	n.a.	F 11
S 12	20 44 36	9° 8'59	2♎43	5° 4	23°21	22°42	13°25	18° 6	28°50	11°44	18°40	19°10	18°55	1°40	n.a.	S 12
S 13	20 48 32	10° 7'42	14°32	6°12	24°15	23°23	13°37	18° 4	28°53	11°44	18°42	19° 5	18°52	1°47	n.a.	S 13
M14	20 52 29	11° 6'28	26°21	7°17	25° 9	24° 4	13°49	18° 2	28°56	11°44	18°44	19° 3	18°48	1°54	n.a.	M14
T 15	20 56 25	12° 5'15	8♏17	8°20	26° 5	24°45	14° 1	18° 0	28°59	11°45	18°46	19° 2	18°45	2° 1	n.a.	T 15
W16	21 0 22	13° 4'04	20°25	9°20	27° 1	25°26	14°13	17°59	29° 2	11°45	18°48	19° 2	18°42	2° 7	n.a.	W16
T 17	21 4 19	14° 2'55	2♐49	10°18	27°57	26° 8	14°25	17°57	29° 4	11°46	18°50	19° 2	18°39	2°14	n.a.	T 17
F 18	21 8 15	15° 1'49	15°36	11°14	28°54	26°49	14°38	17°56	29° 7	11°46	18°52	19° 0	18°36	2°21	n.a.	F 18
S 19	21 12 12	16° 0'44	28°49	12° 6	29°51	27°31	14°50	17°54	29°10	11°47	18°54	18°55	18°32	2°27	n.a.	S 19
S 20	21 16 8	16°59'41	12♑30	12°55	0♋49	28°13	15° 2	17°53	29°13	11°47	18°57	18°48	18°29	2°34	n.a.	S 20
M21	21 20 5	17°58'39	26°39	13°40	1°47	28°55	15°15	17°52	29°16	11°48	18°59	18°39	18°26	2°41	n.a.	M21
T 22	21 24 1	18°57'40	11♒12	14°22	2°46	29°37	15°27	17°51	29°18	11°48	19° 1	18°28	18°23	2°47	n.a.	T 22
W23	21 27 58	19°56'43	26° 2	15° 0	3°45	0♏19	15°39	17°50	29°21	11°49	19° 3	18°16	18°20	2°54	n.a.	W23
T 24	21 31 54	20°55'48	11♓ 2	15°33	4°45	1° 1	15°52	17°49	29°24	11°50	19° 5	18° 5	18°17	3° 1	n.a.	T 24
F 25	21 35 51	21°54'56	26° 1	16° 1	5°45	1°43	16° 4	17°48	29°26	11°50	19° 7	17°57	18°13	3° 7	n.a.	F 25
S 26	21 39 47	22°54'06	10♈50	16°24	6°46	2°26	16°17	17°48	29°29	11°51	19°10	17°50	18°10	3°14	n.a.	S 26
S 27	21 43 44	23°53'18	25°23	16°42	7°47	3° 8	16°30	17°47	29°31	11°52	19°12	17°47	18° 7	3°21	n.a.	S 27
M28	21 47 41	24°52'33	9♉37	16°53	8°48	3°51	16°42	17°47	29°34	11°53	19°14	17°46	18° 4	3°27	n.a.	M28
T 29	21 51 37	25°51'50	23°30	16°R58	9°50	4°34	16°55	17°46	29°36	11°53	19°16	17°46	18° 1	3°34	n.a.	T 29
W30	21 55 34	26°51'10	7♊ 4	16°55	10°52	5°16	17° 8	17°46	29°39	11°54	19°19	17°45	17°58	3°41	n.a.	W30
T 31	21 59 30	27♌50'32	20♊19	16♍46	11♋54	5♏59	17♍20	17♐46	29♊41	11♏55	19♍21	17♏44	17♏54	3♎47	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20n48	16n37	0n41	14n36	0s11	18n27	4s26	7s11	1s 9	8n38	1n17	23s 3	0n15	24n 9	0n21	13s58	1n42	19n56	16n42	18s12	17s53	3s44			n.a.
W 2	20 36	19 11	0s32	14 0	0 19	18 38	4 21	7 27	1 10	8 33	1 17	23 3	0 15	24 9	0 21	13 58	1 42	19 55	16 41	18 12	17 52	3 47			n.a.
T 3	20 23	20 38	1 41	13 25	0 27	18 48	4 16	7 43	1 11	8 29	1 17	23 3	0 15	24 9	0 21	13 58	1 42	19 54	16 41	18 11	17 51	3 49			n.a.
F 4	20 10	20 54	2 44	12 49	0 36	18 58	4 11	8 0	1 11	8 24	1 17	23 3	0 15	24 9	0 21	13 58	1 42	19 53	16 40	18 10	17 50	3 51			n.a.
S 5	19 57	20 2	3 37	12 14	0 44	19 7	4 6	8 16	1 12	8 20	1 17	23 3	0 15	24 9	0 21	13 58	1 42	19 52	16 40	18 8	17 49	3 53			n.a.
S 6	19 43	18 8	4 19	11 38	0 52	19 17	4 0	8 32	1 13	8 15	1 17	23 3	0 15	24 9	0 21	13 58	1 42	19 51	16 40	18 6	17 48	3 55			n.a.
M 7	19 29	15 23	4 46	11 3	1 1	19 27	3 55	8 48	1 13	8 10	1 17	23 2	0 15	24 9	0 21	13 58	1 41	19 50	16 39	18 3	17 47	3 57			n.a.
T 8	19 15	11 58	4 59	10 28	1 9	19 36	3 50	9 4	1 14	8 6	1 16	23 2	0 15	24 9	0 21	13 59	1 41	19 49	16 39	17 59	17 46	4 0			n.a.
W 9	19 1	8 7	4 58	9 53	1 18	19 45	3 44	9 20	1 15	8 1	1 16	23 2	0 15	24 9	0 21	13 59	1 41	19 48	16 38	17 55	17 46	4 2			n.a.
T 10	18 46	3 59	4 44	9 19	1 27	19 54	3 39	9 37	1 16	7 56	1 16	23 2	0 14	24 9	0 21	13 59	1 41	19 46	16 38	17 52	17 45	4 4			n.a.
F 11	18 30	0s15	4 17	8 45	1 35	20 3	3 33	9 53	1 16	7 52	1 16	23 2	0 14	24 9	0 21	13 59	1 41	19 45	16 38	17 49	17 44	4 6			n.a.
S 12	18 15	4 26	3 39	8 11	1 44	20 11	3 28	10 9	1 17	7 47	1 16	23 2	0 14	24 9	0 21	13 59	1 41	19 44	16 37	17 47	17 43	4 8			n.a.
S 13	17 59	8 27	2 52	7 39	1 52	20 19	3 22	10 25	1 17	7 42	1 16	23 2	0 14	24 9	0 21	13 59	1 41	19 43	16 37	17 46	17 42	4 10			n.a.
M14	17 43	12 8	1 57	7 6	2 1	20 27	3 17	10 41	1 18	7 37	1 16	23 2	0 14	24 9	0 21	13 59	1 41	19 42	16 37	17 45	17 41	4 12			n.a.
T 15	17 26	15 23	0 57	6 35	2 9	20 34	3 11	10 57	1 19	7 32	1 16	23 2	0 14	24 10	0 21	14 0	1 41	19 41	16 36	17 45	17 40	4 15			n.a.
W16	17 9	18 1	0n 7	6 4	2 17	20 41	3 5	11 13	1 19	7 28	1 15	23 2	0 14	24 10	0 21	14 0	1 41	19 40	16 36	17 45	17 39	4 17			n.a.
T 17	16 52	19 52	1 12	5 35	2 26	20 48	3 0	11 29	1 20	7 23	1 15	23 2	0 14	24 10	0 21	14 0	1 41	19 39	16 36	17 45	17 38	4 19			n.a.
F 18	16 35	20 46	2 16	5 6	2 34	20 54	2 54	11 45	1 20	7 18	1 15	23 2	0 14	24 10	0 21	14 0	1 41	19 37	16 35	17 44	17 38	4 21			n.a.
S 19	16 17	20 35	3 14	4 39	2 41	21 0	2 48	12 0	1 21	7 13	1 15	23 2	0 13	24 10	0 21	14 0	1 41	19 36	16 35	17 43	17 37	4 23			n.a.
S 20	15 59	19 11	4 3	4 13	2 49	21 6	2 43	12 16	1 21	7 8	1 15	23 2	0 13	24 10	0 21	14 1	1 41	19 35	16 35	17 41	17 36	4 25			n.a.
M21	15 41	16 35	4 39	3 49	2 56	21 11	2 37	12 32	1 22	7 3	1 15	23 2	0 13	24 10	0 21	14 1	1 41	19 34	16 34	17 39	17 35	4 27			n.a.
T 22	15 22	12 55	4 58	3 26	3 3	21 15	2 31	12 47	1 22	6 58	1 15	23 2	0 13	24 10	0 21	14 1	1 41	19 33	16 34	17 35	17 34	4 30			n.a.
W23	15 4	8 22	4 58	3 6	3 9	21 20	2 26	13 3	1 23	6 53	1 15	23 2	0 13	24 10	0 21	14 1	1 40	19 32	16 34	17 32	17 33	4 32			n.a.
T 24	14 44	3 17	4 37	2 47	3 15	21 23	2 20	13 18	1 23	6 48	1 15	23 2	0 13	24 10	0 21	14 2	1 40	19 31	16 33	17 29	17 32	4 34			n.a.
F 25	14 25	2n 1	3 57	2 31	3 21	21 27	2 15	13 34	1 24	6 43	1 15	23 2	0 13	24 10	0 21	14 2	1 40	19 29	16 33	17 27	17 31	4 36			n.a.
S 26	14 6	7 8	3 2	2 18	3 26	21 29	2 9	13 49	1 24	6 38	1 14	23 2	0 13	24 10	0 21	14 2	1 40	19 28	16 33	17 25	17 30	4 38			n.a.
S 27	13 46	11 45	1 55	2 7	3 30	21 32	2 3	14 5	1 25	6 33	1 14	23 2	0 13	24 10	0 21	14 3	1 40	19 27	16 33	17 24	17 30	4 40			n.a.
M28	13 26	15 36	0 43	2 0	3 33	21 33	1 58	14 20	1 25	6 28	1 14	23 2	0 12	24 10	0 21	14 3	1 40	19 26	16 32	17 23	17 29	4 42			n.a.
T 29	13 6	18 27	0s30	1 56	3 35	21 35	1 52	14 35	1 26	6 23	1 14	23 2	0 12	24 10	0 21	14 3	1 40	19 25	16 32	17 23	17 28	4 44			n.a.
W30	12 45	20 11	1 40	1 55	3 37	21 35	1 47	14 50	1 26	6 18	1 14	23 2	0 12	24 10	0 21	14 4	1 40	19 24	16 32	17 23	17 27	4 47			n.a.
T 31	12n25	20n44	2s43	1n59	3s37	21n35	1s41	15s 5	1s27	6n13	1n14	23s 2	0n12	24n10	0n21	14s 4	1n40	19n23	16n32	17s23	17s26	4s49			n.a.

Julian Day Number = 1361864.5, Delta T = 06h58m14s
Ecliptic obliquity = 23°48'39, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°39'58, Lahiri = -17°32'58 Julian Calendar 1 Aug. 985 BCE == Greg. Calendar 23 July 985 BCE

The year -984 astronomical counting style corresponds to year 985 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 985 BCE
geocentric

SEPTEMBER 985 BCE (-984) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 3 27	28♌49'57	3♋19	16°R28	12♋57	6♏42	17♍33	17°D46	29♊43	11♏56	19♍23	17°R40	17♏51	3♎54	n.a.	F 1
S 2	22 7 23	29°49'24	16° 6	16♍ 3	14° 0	7°26	17°46	17♐46	29°46	11°57	19°26	17♏33	17°48	4° 1	n.a.	S 2
S 3	22 11 20	0♍48'54	28°41	15°29	15° 4	8° 9	17°59	17°46	29°48	11°58	19°28	17°23	17°45	4° 8	n.a.	S 3
M 4	22 15 16	1°48'26	11♌ 5	14°47	16° 8	8°52	18°12	17°46	29°50	11°59	19°30	17°11	17°42	4°14	n.a.	M 4
T 5	22 19 13	2°48'00	23°21	13°58	17°12	9°35	18°25	17°47	29°52	12° 0	19°33	16°57	17°38	4°21	n.a.	T 5
W 6	22 23 10	3°47'36	5♍28	13° 1	18°16	10°19	18°38	17°47	29°54	12° 1	19°35	16°44	17°35	4°28	n.a.	W 6
T 7	22 27 6	4°47'14	17°28	11°58	19°21	11° 2	18°51	17°48	29°56	12° 2	19°37	16°31	17°32	4°34	n.a.	T 7
F 8	22 31 3	5°46'55	29°21	10°49	20°26	11°46	19° 4	17°48	29°58	12° 3	19°40	16°20	17°29	4°41	n.a.	F 8
S 9	22 34 59	6°46'37	11♎10	9°37	21°31	12°30	19°17	17°49	0♋ 0	12° 5	19°42	16°12	17°26	4°48	n.a.	S 9
S 10	22 38 56	7°46'22	22°57	8°24	22°36	13°14	19°30	17°50	0° 2	12° 6	19°44	16° 7	17°23	4°54	n.a.	S 10
M11	22 42 52	8°46'08	4♏46	7°11	23°42	13°58	19°43	17°51	0° 4	12° 7	19°47	16° 4	17°19	5° 1	n.a.	M11
T 12	22 46 49	9°45'57	16°40	6° 0	24°48	14°42	19°56	17°52	0° 6	12° 8	19°49	16°D 4	17°16	5° 8	n.a.	T 12
W13	22 50 45	10°45'47	28°45	4°53	25°54	15°26	20° 9	17°53	0° 8	12°10	19°52	16° 4	17°13	5°14	n.a.	W13
T 14	22 54 42	11°45'39	11♐ 6	3°54	27° 1	16°10	20°22	17°54	0°10	12°11	19°54	16°R 5	17°10	5°21	n.a.	T 14
F 15	22 58 38	12°45'33	23°48	3° 2	28° 8	16°54	20°35	17°56	0°11	12°12	19°57	16° 4	17° 7	5°28	n.a.	F 15
S 16	23 2 35	13°45'29	6♑56	2°21	29°15	17°38	20°48	17°57	0°13	12°14	19°59	16° 1	17° 4	5°34	n.a.	S 16
S 17	23 6 32	14°45'27	20°33	1°50	0♒22	18°23	21° 2	17°59	0°14	12°15	20° 1	15°57	17° 0	5°41	n.a.	S 17
M18	23 10 28	15°45'26	4♓40	1°30	1°29	19° 7	21°15	18° 0	0°16	12°16	20° 4	15°50	16°57	5°48	n.a.	M18
T 19	23 14 25	16°45'27	19°15	1°D22	2°37	19°52	21°28	18° 2	0°17	12°18	20° 6	15°41	16°54	5°54	n.a.	T 19
W20	23 18 21	17°45'30	4♈13	1°25	3°45	20°36	21°41	18° 4	0°19	12°19	20° 9	15°32	16°51	6° 1	n.a.	W20
T 21	23 22 18	18°45'35	19°26	1°38	4°53	21°21	21°54	18° 6	0°20	12°21	20°11	15°23	16°48	6° 8	n.a.	T 21
F 22	23 26 14	19°45'42	4♈42	2° 3	6° 1	22° 5	22° 8	18° 8	0°22	12°22	20°14	15°16	16°44	6°14	n.a.	F 22
S 23	23 30 11	20°45'51	19°50	2°36	7°10	22°50	22°21	18°10	0°23	12°24	20°16	15°11	16°41	6°21	n.a.	S 23
S 24	23 34 7	21°46'02	4♉43	3°19	8°18	23°35	22°34	18°12	0°24	12°26	20°18	15° 9	16°38	6°28	n.a.	S 24
M25	23 38 4	22°46'16	19°13	4° 9	9°27	24°20	22°47	18°15	0°25	12°27	20°21	15°D 8	16°35	6°34	n.a.	M25
T 26	23 42 0	23°46'31	3♊18	5° 7	10°36	25° 5	23° 0	18°17	0°26	12°29	20°23	15° 9	16°32	6°41	n.a.	T 26
W27	23 45 57	24°46'49	16°58	6°10	11°45	25°50	23°14	18°20	0°27	12°30	20°26	15°10	16°29	6°48	n.a.	W27
T 28	23 49 54	25°47'09	0♋13	7°19	12°55	26°35	23°27	18°22	0°28	12°32	20°28	15°R10	16°25	6°55	n.a.	T 28
F 29	23 53 50	26°47'31	13° 8	8°33	14° 4	27°20	23°40	18°25	0°29	12°34	20°31	15° 9	16°22	7° 1	n.a.	F 29
S 30	23 57 47	27♍47'56	25♋46	9♍51	15♌14	28♏ 5	23♍53	18♐28	0♋30	12♏36	20♍33	15♏ 5	16♏19	7♎ 8	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n 4	20n10	3s36	2n 7	3s35	21n35	1s36	15s20	1s27	6n 7	1n14	23s 2	0n12	24n10	0n22	14s 4	1n40	19n22	16n32	17s22	17s25	4s51		n.a.
S 2	11 43	18 34	4 17	2 20	3 32	21 34	1 30	15 35	1 27	6 2	1 14	23 2	0 12	24 10	0 22	14 5	1 40	19 20	16 31	17 20	17 24	4 53		n.a.
S 3	11 21	16 5	4 45	2 37	3 28	21 33	1 25	15 49	1 28	5 57	1 14	23 3	0 12	24 10	0 22	14 5	1 40	19 19	16 31	17 17	17 23	4 55		n.a.
M 4	11 0	12 55	4 59	2 59	3 22	21 30	1 19	16 4	1 28	5 52	1 14	23 3	0 12	24 10	0 22	14 5	1 40	19 18	16 31	17 14	17 22	4 57		n.a.
T 5	10 38	9 15	4 59	3 26	3 14	21 28	1 14	16 18	1 28	5 47	1 14	23 3	0 12	24 10	0 22	14 6	1 40	19 17	16 31	17 10	17 21	4 59		n.a.
W 6	10 16	5 14	4 45	3 57	3 4	21 25	1 9	16 33	1 29	5 41	1 14	23 3	0 12	24 10	0 22	14 6	1 40	19 16	16 31	17 6	17 21	5 1		n.a.
T 7	9 54	1 4	4 19	4 33	2 51	21 21	1 3	16 47	1 29	5 36	1 14	23 3	0 11	24 10	0 22	14 6	1 40	19 15	16 30	17 2	17 20	5 3		n.a.
F 8	9 32	3s 7	3 41	5 12	2 37	21 16	0 58	17 1	1 29	5 31	1 13	23 3	0 11	24 10	0 22	14 7	1 39	19 14	16 30	16 59	17 19	5 6		n.a.
S 9	9 10	7 9	2 54	5 54	2 22	21 11	0 53	17 15	1 30	5 26	1 13	23 3	0 11	24 10	0 22	14 7	1 39	19 13	16 30	16 57	17 18	5 8		n.a.
S 10	8 47	10 54	2 0	6 38	2 4	21 6	0 48	17 29	1 30	5 21	1 13	23 4	0 11	24 10	0 22	14 8	1 39	19 12	16 30	16 55	17 17	5 10		n.a.
M11	8 24	14 15	1 0	7 23	1 45	21 0	0 43	17 42	1 30	5 15	1 13	23 4	0 11	24 10	0 22	14 8	1 39	19 11	16 30	16 54	17 16	5 12		n.a.
T 12	8 2	17 2	0n 3	8 8	1 25	20 53	0 38	17 56	1 30	5 10	1 13	23 4	0 11	24 10	0 22	14 9	1 39	19 10	16 30	16 54	17 15	5 14		n.a.
W13	7 39	19 6	1 7	8 51	1 5	20 45	0 33	18 9	1 31	5 5	1 13	23 4	0 11	24 11	0 22	14 9	1 39	19 9	16 30	16 54	17 14	5 16		n.a.
T 14	7 16	20 19	2 10	9 32	0 45	20 37	0 28	18 23	1 31	4 59	1 13	23 4	0 11	24 11	0 22	14 9	1 39	19 7	16 30	16 54	17 13	5 18		n.a.
F 15	6 52	20 33	3 7	10 10	0 24	20 29	0 23	18 36	1 31	4 54	1 13	23 5	0 11	24 11	0 22	14 10	1 39	19 6	16 30	16 54	17 12	5 20		n.a.
S 16	6 29	19 41	3 57	10 44	0 5	20 20	0 18	18 49	1 31	4 49	1 13	23 5	0 10	24 11	0 22	14 10	1 39	19 5	16 29	16 53	17 11	5 22		n.a.
S 17	6 6	17 40	4 36	11 12	0n14	20 10	0 14	19 2	1 31	4 44	1 13	23 5	0 10	24 11	0 22	14 11	1 39	19 4	16 29	16 52	17 10	5 24		n.a.
M18	5 42	14 33	4 59	11 36	0 32	19 59	0 9	19 14	1 32	4 38	1 13	23 5	0 10	24 11	0 22	14 11	1 39	19 3	16 29	16 50	17 10	5 26		n.a.
T 19	5 18	10 28	5 4	11 54	0 48	19 49	0 4	19 27	1 32	4 33	1 13	23 6	0 10	24 11	0 22	14 12	1 39	19 2	16 29	16 47	17 9	5 29		n.a.
W20	4 55	5 38	4 49	12 7	1 2	19 37	0n 0	19 39	1 32	4 28	1 13	23 6	0 10	24 11	0 22	14 12	1 39	19 1	16 29	16 45	17 8	5 31		n.a.
T 21	4 31	0 22	4 13	12 14	1 15	19 25	0 5	19 51	1 32	4 22	1 13	23 6	0 10	24 11	0 22	14 13	1 39	19 0	16 29	16 42	17 7	5 33		n.a.
F 22	4 7	4n56	3 19	12 16	1 27	19 12	0 9	20 3	1 32	4 17	1 13	23 6	0 10	24 11	0 22	14 13	1 39	18 59	16 29	16 40	17 6	5 35		n.a.
S 23	3 43	9 54	2 12	12 13	1 37	18 59	0 13	20 15	1 32	4 12	1 13	23 7	0 10	24 11	0 22	14 14	1 39	18 58	16 29	16 39	17 5	5 37		n.a.
S 24	3 19	14 10	0 56	12 5	1 45	18 45	0 17	20 27	1 33	4 6	1 13	23 7	0 10	24 11	0 22	14 14	1 39	18 57	16 29	16 38	17 4	5 39		n.a.
M25	2 55	17 27	0s22	11 53	1 52	18 31	0 22	20 38	1 33	4 1	1 13	23 7	0 10	24 11	0 22	14 15	1 39	18 56	16 29	16 38	17 3	5 41		n.a.
T 26	2 31	19 34	1 36	11 36	1 58	18 16	0 26	20 50	1 33	3 56	1 13	23 8	0 9	24 11	0 22	14 16	1 39	18 55	16 29	16 38	17 2	5 43		n.a.
W27	2 6	20 28	2 43	11 17	2 2	18 0	0 30	21 1	1 33	3 50	1 13	23 8	0 9	24 11	0 22	14 16	1 38	18 54	16 29	16 38	17 1	5 45		n.a.
T 28	1 42	20 10	3 39	10 53	2 6	17 44	0 34	21 12	1 33	3 45	1 13	23 8	0 9	24 11	0 22	14 17	1 38	18 53	16 29	16 38	17 0	5 47		n.a.
F 29	1 18	18 49	4 22	10 27	2 8	17 27	0 37	21 22	1 33	3 40	1 13	23 9	0 9	24 11	0 22	14 17	1 38	18 52	16 29	16 38	16 59	5 49		n.a.
S 30	0n53	16n33	4s51	9n59	2n 9	17n10	0n41	21s33	1s33	3n34	1n13	23s 9	0n 9	24n11	0n22	14s18	1n38	18n52	16n29	16s37	16s59	5s51		n.a.

Julian Day Number = 1361895.5, Delta T = 06h58m13s
Ecliptic obliquity = 23°48'40, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°39'54, Lahiri = -17°32'54 Julian Calendar 1 Sept. 985 BCE == Greg. Calendar 23 Aug. 985 BCE

The year -984 astronomical counting style corresponds to year 985 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 985 BCE
geocentric

OCTOBER 985 BCE (-984) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 1 43	28♍48'22	8♌10	11♍12	16♌24	28♏50	24♍ 6	18♐31	0♋31	12♏37	20♍35	14°R59	16♏16	7♎15	n.a.	S 1
M 2	0 5 40	29°48'50	20°22	12°36	17°34	29°35	24°20	18°34	0°32	12°39	20°38	14♏52	16°13	7°21	n.a.	M 2
T 3	0 9 36	0♎49'20	2♍26	14° 2	18°44	0♐21	24°33	18°37	0°33	12°41	20°40	14°43	16° 9	7°28	n.a.	T 3
W 4	0 13 33	1°49'52	14°24	15°30	19°55	1° 6	24°46	18°40	0°33	12°43	20°43	14°35	16° 6	7°35	n.a.	W 4
T 5	0 17 29	2°50'26	26°17	17° 0	21° 5	1°52	24°59	18°43	0°34	12°44	20°45	14°27	16° 3	7°41	n.a.	T 5
F 6	0 21 26	3°51'02	8♎ 7	18°31	22°16	2°37	25°12	18°46	0°34	12°46	20°47	14°20	16° 0	7°48	n.a.	F 6
S 7	0 25 23	4°51'39	19°55	20° 4	23°27	3°23	25°26	18°50	0°35	12°48	20°50	14°15	15°57	7°55	n.a.	S 7
S 8	0 29 19	5°52'18	1♏44	21°37	24°38	4° 8	25°39	18°53	0°35	12°50	20°52	14°12	15°54	8° 1	n.a.	S 8
M 9	0 33 16	6°52'58	13°36	23°11	25°49	4°54	25°52	18°57	0°36	12°52	20°55	14°D11	15°50	8° 8	n.a.	M 9
T 10	0 37 12	7°53'40	25°34	24°45	27° 0	5°39	26° 5	19° 1	0°36	12°54	20°57	14°12	15°47	8°15	n.a.	T 10
W11	0 41 9	8°54'24	7♐42	26°20	28°11	6°25	26°18	19° 5	0°36	12°56	20°59	14°13	15°44	8°21	n.a.	W11
T 12	0 45 5	9°55'08	20° 4	27°55	29°23	7°11	26°31	19° 8	0°37	12°58	21° 2	14°15	15°41	8°28	n.a.	T 12
F 13	0 49 2	10°55'54	2♑43	29°30	0♍34	7°57	26°44	19°12	0°37	13° 0	21° 4	14°16	15°38	8°35	n.a.	F 13
S 14	0 52 58	11°56'42	15°45	1♎ 5	1°46	8°42	26°57	19°16	0°37	13° 2	21° 6	14°R16	15°35	8°41	n.a.	S 14
S 15	0 56 55	12°57'30	29°12	2°40	2°58	9°28	27°10	19°21	0°37	13° 4	21° 9	14°15	15°31	8°48	n.a.	S 15
M16	1 0 52	13°58'19	13♒ 7	4°16	4°10	10°14	27°23	19°25	0°R37	13° 6	21°11	14°13	15°28	8°55	n.a.	M16
T 17	1 4 48	14°59'10	27°30	5°51	5°22	11° 0	27°36	19°29	0°37	13° 8	21°13	14° 9	15°25	9° 1	n.a.	T 17
W18	1 8 45	16° 0'01	12♓18	7°27	6°34	11°46	27°49	19°33	0°37	13°10	21°15	14° 5	15°22	9° 8	n.a.	W18
T 19	1 12 41	17° 0'54	27°24	9° 2	7°46	12°32	28° 2	19°38	0°37	13°12	21°18	14° 1	15°19	9°15	n.a.	T 19
F 20	1 16 38	18° 1'48	12♈39	10°37	8°58	13°18	28°15	19°42	0°37	13°14	21°20	13°58	15°15	9°21	n.a.	F 20
S 21	1 20 34	19° 2'43	27°54	12°12	10°11	14° 4	28°28	19°47	0°36	13°16	21°22	13°56	15°12	9°28	n.a.	S 21
S 22	1 24 31	20° 3'39	12♉57	13°47	11°23	14°50	28°40	19°52	0°36	13°18	21°24	13°D55	15° 9	9°35	n.a.	S 22
M23	1 28 27	21° 4'37	27°42	15°22	12°36	15°36	28°53	19°56	0°36	13°20	21°26	13°55	15° 6	9°41	n.a.	M23
T 24	1 32 24	22° 5'37	12♊ 1	16°57	13°48	16°22	29° 6	20° 1	0°35	13°23	21°29	13°57	15° 3	9°48	n.a.	T 24
W25	1 36 21	23° 6'37	25°54	18°31	15° 1	17° 8	29°19	20° 6	0°35	13°25	21°31	13°58	15° 0	9°55	n.a.	W25
T 26	1 40 17	24° 7'39	9♋19	20° 6	16°14	17°54	29°31	20°11	0°34	13°27	21°33	13°59	14°56	10° 1	n.a.	T 26
F 27	1 44 14	25° 8'43	22°19	21°40	17°27	18°40	29°44	20°16	0°33	13°29	21°35	14°R 0	14°53	10° 8	n.a.	F 27
S 28	1 48 10	26° 9'47	4♌57	23°15	18°40	19°27	29°57	20°21	0°33	13°31	21°37	14° 0	14°50	10°15	n.a.	S 28
S 29	1 52 7	27°10'53	17°18	24°49	19°53	20°13	0♎ 9	20°26	0°32	13°33	21°39	13°59	14°47	10°21	n.a.	S 29
M30	1 56 3	28°12'00	29°25	26°24	21° 6	20°59	0°22	20°32	0°31	13°36	21°41	13°57	14°44	10°28	n.a.	M30
T 31	2 0 0	29♎13'09	11♍23	27♎58	22♍19	21♐45	0♎34	20♐37	0♋31	13♏38	21♍43	13♏55	14♏40	10♎35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n29	13n35	5s 6	9n28	2n 9	16n53	0n45	21s43	1s33	3n29	1n13	23s 9	0n 9	24n11	0n22	14s18	1n38	18n51	16n29	16s35	16s58	5s53		n.a.
M 2	0 5	10 4	5 7	8 54	2 8	16 34	0 48	21 53	1 33	3 24	1 13	23 10	0 9	24 11	0 22	14 19	1 38	18 50	16 29	16 33	16 57	5 55		n.a.
T 3	0s20	6 12	4 54	8 20	2 7	16 16	0 52	22 3	1 33	3 18	1 13	23 10	0 9	24 11	0 22	14 20	1 38	18 49	16 30	16 30	16 56	5 57		n.a.
W 4	0 44	2 7	4 28	7 43	2 5	15 56	0 55	22 13	1 33	3 13	1 13	23 10	0 9	24 11	0 22	14 20	1 38	18 48	16 30	16 28	16 55	5 59		n.a.
T 5	1 9	2s 1	3 51	7 5	2 2	15 37	0 59	22 22	1 33	3 8	1 13	23 11	0 9	24 11	0 22	14 21	1 38	18 47	16 30	16 25	16 54	6 2		n.a.
F 6	1 33	6 4	3 3	6 26	1 59	15 17	1 2	22 32	1 33	3 3	1 13	23 11	0 8	24 11	0 23	14 21	1 38	18 46	16 30	16 23	16 53	6 4		n.a.
S 7	1 58	9 53	2 8	5 46	1 56	14 56	1 5	22 41	1 33	2 57	1 13	23 12	0 8	24 11	0 23	14 22	1 38	18 45	16 30	16 22	16 52	6 6		n.a.
S 8	2 22	13 19	1 7	5 5	1 52	14 35	1 8	22 49	1 33	2 52	1 13	23 12	0 8	24 11	0 23	14 23	1 38	18 44	16 30	16 21	16 51	6 8		n.a.
M 9	2 46	16 13	0 3	4 23	1 47	14 13	1 11	22 58	1 33	2 47	1 13	23 12	0 8	24 11	0 23	14 23	1 38	18 44	16 30	16 21	16 50	6 10		n.a.
T 10	3 11	18 27	1n 2	3 41	1 42	13 51	1 14	23 6	1 33	2 41	1 13	23 13	0 8	24 11	0 23	14 24	1 38	18 43	16 30	16 21	16 49	6 12		n.a.
W11	3 35	19 53	2 5	2 58	1 37	13 29	1 16	23 14	1 33	2 36	1 13	23 13	0 8	24 11	0 23	14 24	1 38	18 42	16 30	16 21	16 48	6 14		n.a.
T 12	3 59	20 23	3 4	2 15	1 32	13 6	1 19	23 22	1 33	2 31	1 13	23 14	0 8	24 11	0 23	14 25	1 38	18 41	16 31	16 22	16 47	6 16		n.a.
F 13	4 23	19 52	3 55	1 31	1 27	12 43	1 22	23 30	1 33	2 26	1 13	23 14	0 8	24 11	0 23	14 26	1 38	18 40	16 31	16 22	16 46	6 18		n.a.
S 14	4 48	18 18	4 36	0 48	1 21	12 19	1 24	23 37	1 33	2 20	1 13	23 14	0 8	24 11	0 23	14 26	1 38	18 40	16 31	16 22	16 45	6 20		n.a.
S 15	5 12	15 42	5 3	0 4	1 15	11 55	1 27	23 44	1 33	2 15	1 13	23 15	0 8	24 11	0 23	14 27	1 38	18 39	16 31	16 22	16 45	6 22		n.a.
M16	5 36	12 8	5 14	0s40	1 9	11 31	1 29	23 51	1 32	2 10	1 13	23 15	0 8	24 11	0 23	14 28	1 38	18 38	16 31	16 21	16 44	6 24		n.a.
T 17	6 0	7 45	5 5	1 24	1 3	11 6	1 31	23 58	1 32	2 5	1 13	23 16	0 7	24 11	0 23	14 28	1 38	18 37	16 32	16 20	16 43	6 26		n.a.
W18	6 23	2 48	4 37	2 8	0 56	10 41	1 33	24 4	1 32	2 0	1 13	23 16	0 7	24 11	0 23	14 29	1 38	18 37	16 32	16 19	16 42	6 28		n.a.
T 19	6 47	2n26	3 49	2 52	0 50	10 15	1 35	24 10	1 32	1 54	1 13	23 17	0 7	24 11	0 23	14 30	1 38	18 36	16 32	16 18	16 41	6 30		n.a.
F 20	7 11	7 35	2 44	3 36	0 43	9 50	1 37	24 16	1 32	1 49	1 13	23 17	0 7	24 12	0 23	14 30	1 38	18 35	16 32	16 17	16 40	6 32		n.a.
S 21	7 34	12 14	1 27	4 20	0 37	9 23	1 39	24 22	1 32	1 44	1 13	23 18	0 7	24 12	0 23	14 31	1 38	18 35	16 32	16 16	16 39	6 34		n.a.
S 22	7 58	16 3	0 5	5 3	0 30	8 57	1 41	24 27	1 32	1 39	1 13	23 18	0 7	24 12	0 23	14 32	1 38	18 34	16 33	16 16	16 38	6 36		n.a.
M23	8 21	18 44	1s15	5 47	0 24	8 30	1 42	24 32	1 31	1 34	1 13	23 18	0 7	24 12	0 23	14 32	1 37	18 33	16 33	16 16	16 37	6 38		n.a.
T 24	8 44	20 7	2 29	6 30	0 17	8 3	1 44	24 37	1 31	1 29	1 13	23 19	0 7	24 12	0 23	14 33	1 37	18 33	16 33	16 16	16 36	6 40		n.a.
W25	9 7	20 13	3 32	7 12	0 10	7 36	1 45	24 41	1 31	1 24	1 13	23 19	0 7	24 12	0 23	14 34	1 37	18 32	16 33	16 17	16 35	6 42		n.a.
T 26	9 30	19 9	4 20	7 55	0 4	7 9	1 46	24 45	1 31	1 19	1 13	23 20	0 7	24 12	0 23	14 34	1 37	18 31	16 34	16 17	16 34	6 44		n.a.
F 27	9 53	17 6	4 54	8 37	0s 3	6 41	1 48	24 49	1 31	1 14	1 13	23 20	0 7	24 12	0 23	14 35	1 37	18 31	16 34	16 17	16 33	6 46		n.a.
S 28	10 15	14 16	5 12	9 19	0 9	6 13	1 49	24 53	1 30	1 9	1 13	23 21	0 6	24 12	0 23	14 36	1 37	18 30	16 34	16 17	16 32	6 48		n.a.
S 29	10 38	10 53	5 16	10 0	0 16	5 45	1 50	24 56	1 30	1 4	1 14	23 21	0 6	24 12	0 23	14 36	1 37	18 30	16 35	16 17	16 31	6 50		n.a.
M30	11 0	7 6	5 5	10 41	0 22	5 16	1 51	25 0	1 30	0 59	1 14	23 22	0 6	24 12	0 23	14 37	1 37	18 29	16 35	16 16	16 30	6 52		n.a.
T 31	11s22	3n 5	4s41	11s21	0s28	4n48	1n51	25s 2	1s30	0n54	1n14	23s22	0n 6	24n12	0n23	14s38	1n37	18n28	16n35	16s16	16s29	6s54		n.a.

Julian Day Number = 1361925.5, Delta T = 06h58m11s
Ecliptic obliquity = 23°48'40, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°39'50, Lahiri = -17°32'50 Julian Calendar 1 Oct. 985 BCE == Greg. Calendar 22 Sept. 985 BCE

The year -984 astronomical counting style corresponds to year 985 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 985 BCE
geocentric

NOVEMBER 985 BCE (-984) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 3 56	0♏14'18	23♍15	29♎33	23♍33	22♐32	0♎46	20♐42	0°R30	13♏40	21♍45	13°R52	14♏37	10♎41	n.a.	W 1
T 2	2 7 53	1°15'28	5♎ 4	1♏ 7	24°46	23°18	0°59	20°48	0♋29	13°42	21°47	13♏50	14°34	10°48	n.a.	T 2
F 3	2 11 50	2°16'39	16°52	2°41	25°59	24° 4	1°11	20°53	0°28	13°44	21°49	13°49	14°31	10°55	n.a.	F 3
S 4	2 15 46	3°17'51	28°43	4°16	27°13	24°50	1°23	20°59	0°27	13°47	21°51	13°48	14°28	11° 1	n.a.	S 4
S 5	2 19 43	4°19'04	10♏38	5°50	28°26	25°37	1°35	21° 4	0°26	13°49	21°53	13°D47	14°25	11° 8	n.a.	S 5
M 6	2 23 39	5°20'18	22°39	7°25	29°40	26°23	1°47	21°10	0°25	13°51	21°55	13°47	14°21	11°15	n.a.	M 6
T 7	2 27 36	6°21'32	4♐48	9° 0	0♎54	27° 9	2° 0	21°16	0°23	13°53	21°57	13°48	14°18	11°21	n.a.	T 7
W 8	2 31 32	7°22'47	17° 7	10°34	2° 7	27°56	2°12	21°22	0°22	13°56	21°59	13°48	14°15	11°28	n.a.	W 8
T 9	2 35 29	8°24'02	29°38	12° 9	3°21	28°42	2°23	21°27	0°21	13°58	22° 1	13°49	14°12	11°35	n.a.	T 9
F 10	2 39 25	9°25'17	12♑24	13°44	4°35	29°28	2°35	21°33	0°20	14° 0	22° 3	13°50	14° 9	11°41	n.a.	F 10
S 11	2 43 22	10°26'33	25°27	15°20	5°49	0♑15	2°47	21°39	0°18	14° 2	22° 5	13°50	14° 6	11°48	n.a.	S 11
S 12	2 47 19	11°27'49	8♒50	16°55	7° 3	1° 1	2°59	21°45	0°17	14° 5	22° 6	13°R50	14° 2	11°55	n.a.	S 12
M13	2 51 15	12°29'05	22°34	18°30	8°17	1°48	3°11	21°51	0°15	14° 7	22° 8	13°50	13°59	12° 1	n.a.	M13
T 14	2 55 12	13°30'21	6♓40	20° 6	9°31	2°34	3°22	21°57	0°14	14° 9	22°10	13°D50	13°56	12° 8	n.a.	T 14
W15	2 59 8	14°31'36	21° 7	21°42	10°45	3°20	3°34	22° 4	0°12	14°12	22°11	13°50	13°53	12°15	n.a.	W15
T 16	3 3 5	15°32'52	5♈51	23°18	11°59	4° 7	3°45	22°10	0°11	14°14	22°13	13°50	13°50	12°21	n.a.	T 16
F 17	3 7 1	16°34'08	20°47	24°54	13°13	4°53	3°57	22°16	0° 9	14°16	22°15	13°50	13°46	12°28	n.a.	F 17
S 18	3 10 58	17°35'25	5♉48	26°30	14°27	5°39	4° 8	22°22	0° 7	14°18	22°16	13°51	13°43	12°35	n.a.	S 18
S 19	3 14 54	18°36'41	20°45	28° 6	15°41	6°26	4°19	22°29	0° 6	14°21	22°18	13°R51	13°40	12°41	n.a.	S 19
M20	3 18 51	19°37'57	5♊29	29°43	16°55	7°12	4°30	22°35	0° 4	14°23	22°20	13°50	13°37	12°48	n.a.	M20
T 21	3 22 48	20°39'14	19°55	1♐19	18° 9	7°59	4°41	22°42	0° 2	14°25	22°21	13°50	13°34	12°55	n.a.	T 21
W22	3 26 44	21°40'31	3♋56	2°55	19°24	8°45	4°52	22°48	0° 0	14°27	22°23	13°49	13°31	13° 1	n.a.	W22
T 23	3 30 41	22°41'48	17°31	4°32	20°38	9°31	5° 3	22°55	29♊58	14°30	22°24	13°48	13°27	13° 8	n.a.	T 23
F 24	3 34 37	23°43'05	0♌40	6° 8	21°52	10°18	5°14	23° 1	29°56	14°32	22°26	13°47	13°24	13°15	n.a.	F 24
S 25	3 38 34	24°44'23	13°25	7°44	23° 7	11° 4	5°25	23° 8	29°54	14°34	22°27	13°46	13°21	13°21	n.a.	S 25
S 26	3 42 30	25°45'40	25°49	9°20	24°21	11°50	5°36	23°14	29°52	14°36	22°28	13°D46	13°18	13°28	n.a.	S 26
M27	3 46 27	26°46'58	7♍57	10°55	25°35	12°36	5°46	23°21	29°50	14°39	22°30	13°46	13°15	13°35	n.a.	M27
T 28	3 50 24	27°48'16	19°54	12°30	26°50	13°23	5°57	23°28	29°48	14°41	22°31	13°47	13°12	13°41	n.a.	T 28
W29	3 54 20	28°49'33	1♎43	14° 4	28° 4	14° 9	6° 7	23°34	29°46	14°43	22°32	13°48	13° 8	13°48	n.a.	W29
T 30	3 58 17	29♏50'51	13♎31	15♐37	29♎19	14♑55	6♎17	23♐41	29♊44	14♏45	22♍34	13♏50	13♏ 5	13♎55	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s44	1s 1	4s 5	12s 1	0s35	4n19	1n52	25s 5	1s29	0n49	1n14	23s23	0n 6	24n12	0n23	14s38	1n37	18n28	16n36	16s15	16s28	6s56		n.a.
T 2	12 6	5 4	3 19	12 41	0 41	3 50	1 53	25 7	1 29	0 44	1 14	23 23	0 6	24 12	0 23	14 39	1 37	18 27	16 36	16 14	16 27	6 58		n.a.
F 3	12 27	8 56	2 24	13 20	0 47	3 21	1 53	25 9	1 29	0 39	1 14	23 24	0 6	24 12	0 23	14 40	1 37	18 27	16 36	16 14	16 27	7 0		n.a.
S 4	12 48	12 28	1 23	13 58	0 53	2 52	1 54	25 11	1 29	0 34	1 14	23 24	0 6	24 12	0 23	14 40	1 37	18 26	16 37	16 13	16 26	7 2		n.a.
S 5	13 9	15 31	0 17	14 36	0 59	2 22	1 54	25 12	1 28	0 29	1 14	23 25	0 6	24 12	0 23	14 41	1 37	18 26	16 37	16 13	16 25	7 4		n.a.
M 6	13 30	17 56	0n49	15 13	1 4	1 53	1 55	25 14	1 28	0 24	1 14	23 25	0 6	24 12	0 23	14 42	1 37	18 26	16 37	16 13	16 24	7 6		n.a.
T 7	13 51	19 33	1 54	15 49	1 10	1 23	1 55	25 14	1 28	0 20	1 14	23 25	0 6	24 12	0 23	14 43	1 37	18 25	16 38	16 14	16 23	7 8		n.a.
W 8	14 11	20 16	2 55	16 25	1 15	0 54	1 55	25 15	1 27	0 15	1 14	23 26	0 6	24 12	0 23	14 43	1 37	18 25	16 38	16 14	16 22	7 10		n.a.
T 9	14 31	20 0	3 48	17 0	1 21	0 24	1 55	25 15	1 27	0 10	1 14	23 26	0 5	24 12	0 24	14 44	1 37	18 24	16 38	16 14	16 21	7 12		n.a.
F 10	14 51	18 43	4 32	17 34	1 26	0s 6	1 55	25 15	1 27	0 5	1 14	23 27	0 5	24 12	0 24	14 45	1 37	18 24	16 39	16 14	16 20	7 14		n.a.
S 11	15 11	16 26	5 2	18 7	1 31	0 36	1 55	25 15	1 26	0 1	1 15	23 27	0 5	24 12	0 24	14 45	1 37	18 24	16 39	16 14	16 19	7 16		n.a.
S 12	15 30	13 14	5 17	18 40	1 35	1 6	1 54	25 14	1 26	0s 4	1 15	23 28	0 5	24 12	0 24	14 46	1 37	18 23	16 40	16 14	16 18	7 18		n.a.
M13	15 49	9 15	5 14	19 12	1 40	1 35	1 54	25 14	1 26	0 9	1 15	23 28	0 5	24 12	0 24	14 47	1 37	18 23	16 40	16 14	16 17	7 20		n.a.
T 14	16 8	4 40	4 53	19 42	1 44	2 5	1 54	25 12	1 25	0 13	1 15	23 29	0 5	24 12	0 24	14 47	1 37	18 23	16 40	16 14	16 16	7 22		n.a.
W15	16 27	0n18	4 13	20 12	1 48	2 35	1 53	25 11	1 25	0 18	1 15	23 29	0 5	24 12	0 24	14 48	1 37	18 22	16 41	16 14	16 15	7 24		n.a.
T 16	16 45	5 21	3 16	20 41	1 51	3 5	1 53	25 9	1 25	0 22	1 15	23 30	0 5	24 12	0 24	14 49	1 37	18 22	16 41	16 14	16 14	7 26		n.a.
F 17	17 3	10 10	2 5	21 8	1 55	3 35	1 52	25 7	1 24	0 27	1 15	23 30	0 5	24 12	0 24	14 49	1 37	18 22	16 42	16 14	16 13	7 28		n.a.
S 18	17 21	14 22	0 45	21 35	1 58	4 5	1 51	25 5	1 24	0 31	1 15	23 31	0 5	24 12	0 24	14 50	1 37	18 21	16 42	16 14	16 12	7 30		n.a.
S 19	17 38	17 36	0s38	22 0	2 0	4 34	1 50	25 2	1 23	0 36	1 15	23 31	0 5	24 12	0 24	14 51	1 37	18 21	16 43	16 14	16 11	7 31		n.a.
M20	17 55	19 37	1 58	22 24	2 3	5 4	1 49	25 0	1 23	0 40	1 15	23 31	0 5	24 12	0 24	14 51	1 37	18 21	16 43	16 14	16 10	7 33		n.a.
T 21	18 12	20 18	3 7	22 47	2 5	5 34	1 48	24 56	1 23	0 44	1 16	23 32	0 4	24 12	0 24	14 52	1 37	18 21	16 44	16 14	16 9	7 35		n.a.
W22	18 28	19 41	4 4	23 8	2 6	6 3	1 47	24 53	1 22	0 49	1 16	23 32	0 4	24 13	0 24	14 53	1 37	18 21	16 44	16 14	16 8	7 37		n.a.
T 23	18 44	17 56	4 45	23 28	2 8	6 33	1 46	24 49	1 22	0 53	1 16	23 33	0 4	24 13	0 24	14 54	1 37	18 20	16 44	16 13	16 7	7 39		n.a.
F 24	19 0	15 17	5 9	23 46	2 8	7 2	1 45	24 45	1 21	0 57	1 16	23 33	0 4	24 13	0 24	14 54	1 37	18 20	16 45	16 13	16 6	7 41		n.a.
S 25	19 15	11 59	5 17	24 3	2 9	7 31	1 44	24 41	1 21	1 1	1 16	23 34	0 4	24 13	0 24	14 55	1 37	18 20	16 45	16 13	16 5	7 43		n.a.
S 26	19 30	8 15	5 11	24 18	2 8	8 0	1 42	24 37	1 20	1 6	1 16	23 34	0 4	24 13	0 24	14 56	1 37	18 20	16 46	16 13	16 4	7 45		n.a.
M27	19 44	4 15	4 50	24 32	2 7	8 29	1 41	24 32	1 20	1 10	1 16	23 34	0 4	24 13	0 24	14 56	1 37	18 20	16 46	16 13	16 3	7 47		n.a.
T 28	19 59	0 8	4 17	24 44	2 6	8 57	1 39	24 27	1 20	1 14	1 16	23 35	0 4	24 13	0 24	14 57	1 37	18 20	16 47	16 13	16 2	7 49		n.a.
W29	20 12	3s57	3 33	24 53	2 4	9 26	1 38	24 21	1 19	1 18	1 17	23 35	0 4	24 13	0 24	14 57	1 37	18 20	16 47	16 14	16 1	7 51		n.a.
T 30	20s26	7s52	2s40	25s 2	2s 1	9s54	1n36	24s16	1s19	1s22	1n17	23s36	0n 4	24n13	0n24	14s58	1n37	18n20	16n48	16s14	16s 0	7s53		n.a.

Julian Day Number = 1361956.5, Delta T = 06h58m10s
Ecliptic obliquity = 23°48'39, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°39'46, Lahiri = -17°32'45 Julian Calendar 1 Nov. 985 BCE == Greg. Calendar 23 Oct. 985 BCE

The year -984 astronomical counting style corresponds to year 985 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 985 BCE
geocentric

DECEMBER 985 BCE (-984) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 2 13	0♐52'08	25♎20	17♐ 9	0♏33	15♑42	6♎28	23♐48	29°R42	14♏47	22♍35	13♏51	13♏ 2	14♎ 1	n.a.	F 1
S 2	4 6 10	1°53'26	7♏15	18°39	1°48	16°28	6°38	23°55	29♊40	14°50	22°36	13°52	12°59	14° 8	n.a.	S 2
S 3	4 10 6	2°54'43	19°18	20° 7	3° 2	17°14	6°48	24° 2	29°37	14°52	22°37	13°R52	12°56	14°15	n.a.	S 3
M 4	4 14 3	3°56'00	1♐31	21°34	4°17	18° 0	6°58	24° 9	29°35	14°54	22°38	13°51	12°52	14°21	n.a.	M 4
T 5	4 17 59	4°57'16	13°56	22°57	5°31	18°47	7° 7	24°15	29°33	14°56	22°39	13°49	12°49	14°28	n.a.	T 5
W 6	4 21 56	5°58'32	26°34	24°17	6°46	19°33	7°17	24°22	29°31	14°58	22°40	13°46	12°46	14°35	n.a.	W 6
T 7	4 25 53	6°59'47	9♑24	25°34	8° 0	20°19	7°27	24°29	29°28	15° 1	22°41	13°42	12°43	14°41	n.a.	T 7
F 8	4 29 49	8° 1'01	22°28	26°46	9°15	21° 5	7°36	24°36	29°26	15° 3	22°42	13°38	12°40	14°48	n.a.	F 8
S 9	4 33 46	9° 2'15	5♒45	27°53	10°30	21°51	7°45	24°43	29°23	15° 5	22°43	13°34	12°37	14°55	n.a.	S 9
S 10	4 37 42	10° 3'27	19°15	28°54	11°44	22°37	7°55	24°50	29°21	15° 7	22°44	13°32	12°33	15° 1	n.a.	S 10
M11	4 41 39	11° 4'39	2♓59	29°48	12°59	23°24	8° 4	24°57	29°19	15° 9	22°45	13°30	12°30	15° 8	n.a.	M11
T 12	4 45 35	12° 5'49	16°56	0♑35	14°13	24°10	8°13	25° 5	29°16	15°11	22°46	13°D30	12°27	15°15	n.a.	T 12
W13	4 49 32	13° 6'59	1♈ 5	1°13	15°28	24°56	8°22	25°12	29°14	15°13	22°47	13°31	12°24	15°21	n.a.	W13
T 14	4 53 29	14° 8'07	15°26	1°42	16°42	25°42	8°31	25°19	29°11	15°15	22°48	13°33	12°21	15°28	n.a.	T 14
F 15	4 57 25	15° 9'14	29°55	2° 1	17°57	26°28	8°39	25°26	29° 9	15°17	22°48	13°34	12°17	15°35	n.a.	F 15
S 16	5 1 22	16°10'20	14♉28	2°R 9	19°12	27°14	8°48	25°33	29° 6	15°19	22°49	13°R35	12°14	15°41	n.a.	S 16
S 17	5 5 18	17°11'25	29° 2	2° 5	20°26	28° 0	8°56	25°40	29° 4	15°21	22°50	13°34	12°11	15°48	n.a.	S 17
M18	5 9 15	18°12'29	13♊29	1°50	21°41	28°46	9° 4	25°47	29° 1	15°23	22°50	13°31	12° 8	15°55	n.a.	M18
T 19	5 13 11	19°13'32	27°43	1°24	22°55	29°31	9°13	25°54	28°58	15°25	22°51	13°26	12° 5	16° 1	n.a.	T 19
W20	5 17 8	20°14'33	11♋40	0°46	24°10	0♒17	9°21	26° 2	28°56	15°27	22°51	13°21	12° 2	16° 8	n.a.	W20
T 21	5 21 4	21°15'34	25°16	29♐58	25°25	1° 3	9°29	26° 9	28°53	15°29	22°52	13°14	11°58	16°15	n.a.	T 21
F 22	5 25 1	22°16'34	8♌28	29° 2	26°39	1°49	9°36	26°16	28°51	15°31	22°53	13° 8	11°55	16°21	n.a.	F 22
S 23	5 28 58	23°17'33	21°17	27°58	27°54	2°35	9°44	26°23	28°48	15°33	22°53	13° 2	11°52	16°28	n.a.	S 23
S 24	5 32 54	24°18'31	3♍46	26°48	29° 9	3°20	9°51	26°30	28°45	15°35	22°53	12°58	11°49	16°35	n.a.	S 24
M25	5 36 51	25°19'28	15°57	25°35	0♐23	4° 6	9°59	26°38	28°43	15°37	22°54	12°56	11°46	16°41	n.a.	M25
T 26	5 40 47	26°20'24	27°55	24°21	1°38	4°52	10° 6	26°45	28°40	15°38	22°54	12°D55	11°43	16°48	n.a.	T 26
W27	5 44 44	27°21'18	9♎45	23° 7	2°52	5°37	10°13	26°52	28°38	15°40	22°54	12°56	11°39	16°55	n.a.	W27
T 28	5 48 40	28°22'12	21°33	21°57	4° 7	6°23	10°20	26°59	28°35	15°42	22°55	12°57	11°36	17° 1	n.a.	T 28
F 29	5 52 37	29°23'05	3♏24	20°51	5°22	7° 9	10°27	27° 6	28°32	15°44	22°55	12°59	11°33	17° 8	n.a.	F 29
S 30	5 56 33	0♑23'57	15°22	19°51	6°36	7°54	10°33	27°14	28°30	15°46	22°55	12°R59	11°30	17°15	n.a.	S 30
S 31	6 0 30	1♑24'47	27♏31	18♐58	7♐51	8♒40	10♎40	27♐21	28♊27	15♏47	22♍55	12♏58	11♏27	17♎21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s39	11s31	1s41	25s 8	1s58	10s22	1n35	24s10	1s18	1s26	1n17	23s36	0n 4	24n13	0n24	14s59	1n37	18n20	16n48	16s14	16s 0	7s55		n.a.
S 2	20 52	14 43	0 37	25 12	1 53	10 50	1 33	24 4	1 18	1 30	1 17	23 37	0 4	24 13	0 24	14 59	1 37	18 20	16 49	16 15	15 59	7 57		n.a.
S 3	21 4	17 21	0n30	25 14	1 48	11 17	1 31	23 57	1 17	1 34	1 17	23 37	0 3	24 13	0 24	15 0	1 37	18 20	16 49	16 15	15 58	7 59		n.a.
M 4	21 16	19 13	1 36	25 14	1 42	11 45	1 29	23 51	1 17	1 38	1 17	23 37	0 3	24 13	0 24	15 1	1 37	18 20	16 50	16 14	15 57	8 0		n.a.
T 5	21 27	20 12	2 39	25 13	1 36	12 12	1 27	23 44	1 16	1 41	1 17	23 38	0 3	24 13	0 24	15 1	1 37	18 20	16 51	16 14	15 56	8 2		n.a.
W 6	21 38	20 12	3 34	25 9	1 28	12 38	1 26	23 37	1 16	1 45	1 18	23 38	0 3	24 13	0 24	15 2	1 37	18 20	16 51	16 13	15 55	8 4		n.a.
T 7	21 49	19 9	4 20	25 3	1 19	13 5	1 24	23 29	1 15	1 49	1 18	23 38	0 3	24 13	0 24	15 3	1 37	18 20	16 52	16 12	15 54	8 6		n.a.
F 8	21 59	17 5	4 53	24 55	1 9	13 31	1 22	23 21	1 15	1 52	1 18	23 39	0 3	24 13	0 24	15 3	1 37	18 20	16 52	16 11	15 53	8 8		n.a.
S 9	22 9	14 6	5 11	24 46	0 58	13 57	1 19	23 14	1 14	1 56	1 18	23 39	0 3	24 13	0 24	15 4	1 37	18 20	16 53	16 9	15 52	8 10		n.a.
S 10	22 18	10 20	5 13	24 35	0 46	14 22	1 17	23 5	1 14	2 0	1 18	23 40	0 3	24 13	0 24	15 4	1 37	18 20	16 53	16 9	15 51	8 12		n.a.
M11	22 27	5 58	4 56	24 22	0 33	14 47	1 15	22 57	1 13	2 3	1 18	23 40	0 3	24 13	0 24	15 5	1 37	18 20	16 54	16 8	15 50	8 14		n.a.
T 12	22 36	1 13	4 22	24 7	0 19	15 12	1 13	22 48	1 13	2 7	1 18	23 40	0 3	24 13	0 24	15 6	1 37	18 20	16 54	16 8	15 49	8 16		n.a.
W13	22 44	3n41	3 32	23 52	0 3	15 36	1 11	22 39	1 12	2 10	1 19	23 41	0 3	24 13	0 24	15 6	1 37	18 21	16 55	16 8	15 48	8 18		n.a.
T 14	22 51	8 26	2 28	23 35	0n13	16 0	1 8	22 30	1 12	2 13	1 19	23 41	0 3	24 13	0 24	15 7	1 37	18 21	16 55	16 9	15 47	8 20		n.a.
F 15	22 58	12 46	1 14	23 18	0 30	16 23	1 6	22 21	1 11	2 17	1 19	23 41	0 3	24 13	0 24	15 7	1 37	18 21	16 56	16 9	15 46	8 21		n.a.
S 16	23 5	16 21	0s 5	22 59	0 48	16 46	1 4	22 11	1 11	2 20	1 19	23 42	0 2	24 13	0 24	15 8	1 37	18 21	16 56	16 9	15 45	8 23		n.a.
S 17	23 11	18 54	1 24	22 41	1 7	17 9	1 1	22 2	1 10	2 23	1 19	23 42	0 2	24 13	0 24	15 9	1 37	18 21	16 57	16 9	15 44	8 25		n.a.
M18	23 17	20 11	2 36	22 22	1 26	17 31	0 59	21 52	1 9	2 26	1 19	23 42	0 2	24 13	0 24	15 9	1 37	18 22	16 58	16 8	15 43	8 27		n.a.
T 19	23 22	20 10	3 38	22 4	1 44	17 53	0 56	21 41	1 9	2 29	1 20	23 43	0 2	24 13	0 24	15 10	1 37	18 22	16 58	16 7	15 42	8 29		n.a.
W20	23 27	18 53	4 25	21 45	2 3	18 14	0 54	21 31	1 8	2 32	1 20	23 43	0 2	24 13	0 24	15 10	1 37	18 22	16 59	16 5	15 41	8 31		n.a.
T 21	23 31	16 34	4 56	21 28	2 21	18 35	0 51	21 20	1 8	2 35	1 20	23 43	0 2	24 13	0 24	15 11	1 37	18 23	16 59	16 3	15 40	8 33		n.a.
F 22	23 35	13 27	5 10	21 11	2 38	18 55	0 49	21 9	1 7	2 38	1 20	23 43	0 2	24 13	0 24	15 11	1 37	18 23	17 0	16 1	15 39	8 35		n.a.
S 23	23 38	9 46	5 8	20 54	2 53	19 15	0 46	20 58	1 7	2 41	1 20	23 44	0 2	24 13	0 24	15 12	1 37	18 23	17 0	16 0	15 38	8 36		n.a.
S 24	23 41	5 46	4 51	20 39	3 7	19 34	0 44	20 47	1 6	2 44	1 21	23 44	0 2	24 13	0 24	15 12	1 38	18 24	17 1	15 58	15 37	8 38		n.a.
M25	23 44	1 38	4 21	20 26	3 18	19 53	0 41	20 35	1 5	2 47	1 21	23 44	0 2	24 13	0 24	15 13	1 38	18 24	17 2	15 58	15 36	8 40		n.a.
T 26	23 46	2s31	3 40	20 14	3 28	20 11	0 39	20 24	1 5	2 49	1 21	23 44	0 2	24 13	0 24	15 13	1 38	18 24	17 2	15 57	15 35	8 42		n.a.
W27	23 47	6 32	2 50	20 4	3 34	20 28	0 36	20 12	1 4	2 52	1 21	23 45	0 2	24 13	0 24	15 14	1 38	18 25	17 3	15 58	15 34	8 44		n.a.
T 28	23 48	10 17	1 54	19 55	3 39	20 45	0 33	20 0	1 4	2 55	1 21	23 45	0 2	24 13	0 24	15 14	1 38	18 25	17 3	15 58	15 33	8 46		n.a.
F 29	23 49	13 39	0 52	19 49	3 41	21 2	0 31	19 47	1 3	2 57	1 21	23 45	0 1	24 13	0 24	15 15	1 38	18 25	17 4	15 59	15 32	8 48		n.a.
S 30	23 49	16 29	0n13	19 45	3 41	21 17	0 28	19 35	1 3	3 0	1 22	23 45	0 1	24 13	0 25	15 15	1 38	18 26	17 4	15 59	15 31	8 49		n.a.
S 31	23s48	18s39	1n18	19s43	3n39	21s32	0n25	19s22	1s 2	3s 2	1n22	23s46	0n 1	24n13	0n25	15s16	1n38	18n26	17n 5	15s58	15s30	8s51		n.a.

Julian Day Number = 1361986.5, Delta T = 06h58m08s
Ecliptic obliquity = 23°48'39, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°39'42, Lahiri = -17°32'41 Julian Calendar 1 Dec. 985 BCE == Greg. Calendar 22 Nov. 985 BCE

The year -984 astronomical counting style corresponds to year 985 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 984 BCE
geocentric

JANUARY 984 BCE (-983) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 4 27	2♑25'36	9♐56	18°R12	9♐ 6	9♒25	10♎46	27♐28	28°R24	15♏49	22♍55	12°R55	11♏23	17♎28	n.a.	M 1
T 2	6 8 23	3°26'24	22°37	17♐35	10°20	10°11	10°52	27°35	28♊22	15°51	22°56	12♏49	11°20	17°35	n.a.	T 2
W 3	6 12 20	4°27'10	5♑35	17° 6	11°35	10°56	10°59	27°42	28°19	15°52	22°56	12°41	11°17	17°41	n.a.	W 3
T 4	6 16 16	5°27'55	18°49	16°45	12°49	11°42	11° 4	27°49	28°17	15°54	22°R56	12°31	11°14	17°48	n.a.	T 4
F 5	6 20 13	6°28'38	2♒19	16°32	14° 4	12°27	11°10	27°57	28°14	15°56	22°56	12°22	11°11	17°55	n.a.	F 5
S 6	6 24 9	7°29'20	16° 0	16°D27	15°19	13°12	11°16	28° 4	28°11	15°57	22°56	12°13	11° 8	18° 1	n.a.	S 6
S 7	6 28 6	8°29'59	29°51	16°29	16°33	13°58	11°21	28°11	28° 9	15°59	22°55	12° 5	11° 4	18° 8	n.a.	S 7
M 8	6 32 2	9°30'37	13♓48	16°38	17°48	14°43	11°26	28°18	28° 6	16° 0	22°55	12° 0	11° 1	18°15	n.a.	M 8
T 9	6 35 59	10°31'13	27°50	16°53	19° 2	15°28	11°31	28°25	28° 4	16° 2	22°55	11°57	10°58	18°21	n.a.	T 9
W10	6 39 56	11°31'46	11♈55	17°14	20°17	16°13	11°36	28°32	28° 1	16° 3	22°55	11°D56	10°55	18°28	n.a.	W10
T 11	6 43 52	12°32'18	26° 2	17°41	21°31	16°58	11°41	28°39	27°59	16° 5	22°55	11°57	10°52	18°35	n.a.	T 11
F 12	6 47 49	13°32'47	10♉10	18°12	22°46	17°44	11°46	28°46	27°56	16° 6	22°54	11°R57	10°49	18°41	n.a.	F 12
S 13	6 51 45	14°33'15	24°17	18°49	24° 0	18°29	11°50	28°53	27°54	16° 8	22°54	11°57	10°45	18°48	n.a.	S 13
S 14	6 55 42	15°33'41	8♊22	19°30	25°15	19°14	11°54	29° 0	27°51	16° 9	22°54	11°54	10°42	18°54	n.a.	S 14
M15	6 59 38	16°34'04	22°22	20°14	26°30	19°59	11°58	29° 7	27°49	16°10	22°53	11°48	10°39	19° 1	n.a.	M15
T 16	7 3 35	17°34'26	6♋13	21° 3	27°44	20°43	12° 2	29°14	27°46	16°12	22°53	11°40	10°36	19° 8	n.a.	T 16
W17	7 7 32	18°34'46	19°52	21°55	28°59	21°28	12° 6	29°21	27°44	16°13	22°53	11°30	10°33	19°14	n.a.	W17
T 18	7 11 28	19°35'04	3♌14	22°50	0♑13	22°13	12°10	29°28	27°42	16°14	22°52	11°18	10°29	19°21	n.a.	T 18
F 19	7 15 25	20°35'20	16°19	23°47	1°27	22°58	12°13	29°35	27°39	16°16	22°52	11° 6	10°26	19°28	n.a.	F 19
S 20	7 19 21	21°35'34	29° 5	24°48	2°42	23°43	12°16	29°42	27°37	16°17	22°51	10°55	10°23	19°34	n.a.	S 20
S 21	7 23 18	22°35'46	11♍32	25°51	3°56	24°27	12°19	29°49	27°35	16°18	22°51	10°46	10°20	19°41	n.a.	S 21
M22	7 27 14	23°35'57	23°43	26°57	5°11	25°12	12°22	29°56	27°32	16°19	22°50	10°39	10°17	19°48	n.a.	M22
T 23	7 31 11	24°36'06	5♎42	28° 5	6°25	25°57	12°25	0♑ 2	27°30	16°20	22°49	10°35	10°14	19°54	n.a.	T 23
W24	7 35 7	25°36'13	17°33	29°14	7°40	26°41	12°27	0° 9	27°28	16°21	22°49	10°34	10°10	20° 1	n.a.	W24
T 25	7 39 4	26°36'18	29°21	0♑26	8°54	27°26	12°29	0°16	27°26	16°22	22°48	10°D34	10° 7	20° 8	n.a.	T 25
F 26	7 43 0	27°36'22	11♏12	1°40	10° 9	28°10	12°32	0°23	27°23	16°23	22°47	10°R34	10° 4	20°14	n.a.	F 26
S 27	7 46 57	28°36'24	23°11	2°55	11°23	28°55	12°33	0°29	27°21	16°24	22°46	10°33	10° 1	20°21	n.a.	S 27
S 28	7 50 54	29°36'24	5♐24	4°12	12°38	29°39	12°35	0°36	27°19	16°25	22°46	10°31	9°58	20°28	n.a.	S 28
M29	7 54 50	0♒36'22	17°54	5°31	13°52	0♓24	12°37	0°42	27°17	16°26	22°45	10°26	9°55	20°34	n.a.	M29
T 30	7 58 47	1°36'19	0♑46	6°52	15° 6	1° 8	12°38	0°49	27°15	16°27	22°44	10°18	9°51	20°41	n.a.	T 30
W31	8 2 43	2♒36'13	13♑59	8♑13	16♑21	1♓52	12♎39	0♑56	27♊13	16♏28	22♍43	10♏ 8	9♏48	20♎48	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s47	19s58	2n20	19s43	3n35	21s47	0n23	19s 9	1s 1	3s 4	1n22	23s46	0n 1	24n13	0n25	15s16	1n38	18n27	17n 5	15s57	15s29	8s53		n.a.
T 2	23 46	20 19	3 17	19 45	3 29	22 1	0 20	18 56	1 1	3 7	1 22	23 46	0 1	24 13	0 25	15 17	1 38	18 27	17 6	15 55	15 28	8 55		n.a.
W 3	23 44	19 37	4 5	19 49	3 23	22 14	0 17	18 43	1 0	3 9	1 22	23 46	0 1	24 13	0 25	15 17	1 38	18 28	17 7	15 53	15 27	8 57		n.a.
T 4	23 42	17 50	4 40	19 55	3 15	22 27	0 15	18 30	0 59	3 11	1 23	23 47	0 1	24 12	0 25	15 18	1 38	18 28	17 7	15 50	15 26	8 59		n.a.
F 5	23 39	15 4	5 1	20 2	3 6	22 39	0 12	18 16	0 59	3 13	1 23	23 47	0 1	24 12	0 25	15 18	1 38	18 29	17 8	15 47	15 25	9 1		n.a.
S 6	23 36	11 26	5 5	20 11	2 56	22 50	0 9	18 3	0 58	3 15	1 23	23 47	0 1	24 12	0 25	15 19	1 38	18 29	17 8	15 44	15 24	9 2		n.a.
S 7	23 32	7 10	4 51	20 22	2 46	23 0	0 7	17 49	0 58	3 17	1 23	23 47	0 1	24 12	0 25	15 19	1 38	18 30	17 9	15 42	15 23	9 4		n.a.
M 8	23 28	2 28	4 20	20 33	2 35	23 10	0 4	17 35	0 57	3 19	1 23	23 47	0 1	24 12	0 25	15 19	1 38	18 30	17 9	15 40	15 22	9 6		n.a.
T 9	23 23	2n23	3 33	20 45	2 24	23 19	0 2	17 21	0 56	3 21	1 24	23 47	0 1	24 12	0 25	15 20	1 38	18 31	17 10	15 39	15 21	9 8		n.a.
W10	23 18	7 8	2 34	20 58	2 13	23 28	0s 1	17 6	0 56	3 22	1 24	23 48	0 1	24 12	0 25	15 20	1 38	18 31	17 10	15 39	15 20	9 10		n.a.
T 11	23 13	11 31	1 24	21 12	2 2	23 36	0 4	16 52	0 55	3 24	1 24	23 48	0 0	24 12	0 25	15 21	1 38	18 32	17 11	15 39	15 19	9 12		n.a.
F 12	23 7	15 15	0 10	21 26	1 51	23 43	0 6	16 37	0 55	3 26	1 24	23 48	0 0	24 12	0 25	15 21	1 38	18 33	17 12	15 39	15 18	9 13		n.a.
S 13	23 0	18 5	1s 5	21 41	1 40	23 49	0 9	16 23	0 54	3 27	1 25	23 48	0 0	24 12	0 25	15 21	1 38	18 33	17 12	15 39	15 17	9 15		n.a.
S 14	22 53	19 48	2 16	21 55	1 29	23 55	0 11	16 8	0 53	3 29	1 25	23 48	0 0	24 12	0 25	15 22	1 38	18 34	17 13	15 38	15 16	9 17		n.a.
M15	22 46	20 18	3 18	22 9	1 17	24 0	0 14	15 53	0 53	3 30	1 25	23 48	0 0	24 12	0 25	15 22	1 38	18 35	17 13	15 37	15 15	9 19		n.a.
T 16	22 38	19 33	4 7	22 24	1 7	24 4	0 16	15 38	0 52	3 32	1 25	23 48	0 0	24 12	0 25	15 22	1 38	18 35	17 14	15 34	15 14	9 21		n.a.
W17	22 30	17 40	4 41	22 38	0 56	24 7	0 19	15 22	0 51	3 33	1 25	23 49	0 0	24 12	0 25	15 23	1 38	18 36	17 14	15 31	15 13	9 22		n.a.
T 18	22 21	14 53	4 59	22 52	0 45	24 10	0 21	15 7	0 51	3 34	1 26	23 49	0s 0	24 12	0 25	15 23	1 38	18 36	17 15	15 27	15 12	9 24		n.a.
F 19	22 12	11 24	5 1	23 5	0 35	24 12	0 24	14 52	0 50	3 35	1 26	23 49	0 0	24 12	0 25	15 23	1 38	18 37	17 15	15 23	15 11	9 26		n.a.
S 20	22 3	7 29	4 48	23 18	0 25	24 13	0 26	14 36	0 49	3 36	1 26	23 49	0 0	24 12	0 25	15 24	1 38	18 38	17 16	15 20	15 10	9 28		n.a.
S 21	21 53	3 20	4 21	23 30	0 15	24 14	0 29	14 20	0 49	3 37	1 26	23 49	0 0	24 12	0 25	15 24	1 39	18 39	17 16	15 17	15 9	9 30		n.a.
M22	21 43	0s51	3 42	23 41	0 5	24 13	0 31	14 5	0 48	3 38	1 27	23 49	0 0	24 12	0 25	15 24	1 39	18 39	17 17	15 15	15 8	9 31		n.a.
T 23	21 32	4 57	2 54	23 52	0s 4	24 12	0 33	13 49	0 48	3 39	1 27	23 49	0 0	24 12	0 25	15 25	1 39	18 40	17 17	15 14	15 7	9 33		n.a.
W24	21 21	8 49	1 59	24 2	0 13	24 10	0 35	13 33	0 47	3 40	1 27	23 49	0 1	24 12	0 25	15 25	1 39	18 41	17 18	15 13	15 6	9 35		n.a.
T 25	21 10	12 20	0 59	24 11	0 22	24 8	0 38	13 16	0 46	3 40	1 27	23 49	0 1	24 12	0 25	15 25	1 39	18 41	17 18	15 13	15 5	9 37		n.a.
F 26	20 58	15 22	0n 3	24 19	0 31	24 5	0 40	13 0	0 46	3 41	1 27	23 49	0 1	24 12	0 25	15 25	1 39	18 42	17 19	15 13	15 4	9 39		n.a.
S 27	20 46	17 47	1 7	24 25	0 39	24 1	0 42	12 44	0 45	3 42	1 28	23 49	0 1	24 12	0 25	15 26	1 39	18 43	17 19	15 13	15 3	9 40		n.a.
S 28	20 33	19 26	2 8	24 31	0 47	23 56	0 44	12 28	0 44	3 42	1 28	23 49	0 1	24 12	0 25	15 26	1 39	18 44	17 20	15 12	15 2	9 42		n.a.
M29	20 20	20 12	3 4	24 36	0 54	23 51	0 46	12 11	0 44	3 43	1 28	23 49	0 1	24 12	0 25	15 26	1 39	18 44	17 20	15 11	15 1	9 44		n.a.
T 30	20 7	19 56	3 53	24 39	1 1	23 44	0 48	11 54	0 43	3 43	1 28	23 49	0 1	24 11	0 25	15 26	1 39	18 45	17 21	15 8	15 0	9 46		n.a.
W31	19s53	18s35	4n30	24s41	1s 8	23s37	0s50	11s38	0s42	3s43	1n29	23s49	0s 1	24n11	0n25	15s26	1n39	18n46	17n21	15s 5	14s59	9s48		n.a.

Julian Day Number = 1362017.5, Delta T = 06h58m07s
Ecliptic obliquity = 23°48'38, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°39'37, Lahiri = -17°32'37 Julian Calendar 1 Jan. 984 BCE == Greg. Calendar 23 Dec. 985 BCE

The year -983 astronomical counting style corresponds to year 984 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 984 BCE
geocentric

FEBRUARY 984 BCE (-983) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 6 40	3♒36'06	27♉35	9♉37	17♉35	2♓36	12♎40	1♉ 2	27°R11	16♏29	22°R42	9°R56	9♏45	20♎54	n.a.	T 1
F 2	8 10 36	4°35'56	11♒29	11° 1	18°50	3°21	12°41	1° 8	27♊ 9	16°30	22♍41	9♏43	9°42	21° 1	n.a.	F 2
S 3	8 14 33	5°35'45	25°38	12°27	20° 4	4° 5	12°42	1°15	27° 7	16°31	22°40	9°31	9°39	21° 8	n.a.	S 3
S 4	8 18 29	6°35'31	9♓56	13°55	21°18	4°49	12°42	1°21	27° 5	16°31	22°39	9°21	9°35	21°14	n.a.	S 4
M 5	8 22 26	7°35'14	24°17	15°24	22°33	5°33	12°42	1°28	27° 4	16°32	22°38	9°14	9°32	21°21	n.a.	M 5
T 6	8 26 23	8°34'55	8♈37	16°54	23°47	6°17	12°R42	1°34	27° 2	16°33	22°37	9° 9	9°29	21°28	n.a.	T 6
W 7	8 30 19	9°34'34	22°52	18°25	25° 1	7° 1	12°42	1°40	27° 0	16°33	22°36	9° 7	9°26	21°34	n.a.	W 7
T 8	8 34 16	10°34'11	7♉ 1	19°58	26°16	7°45	12°42	1°46	26°58	16°34	22°35	9° 7	9°23	21°41	n.a.	T 8
F 9	8 38 12	11°33'45	21° 1	21°31	27°30	8°29	12°41	1°52	26°57	16°35	22°34	9° 7	9°20	21°48	n.a.	F 9
S 10	8 42 9	12°33'16	4♊53	23° 7	28°44	9°13	12°41	1°58	26°55	16°35	22°33	9° 6	9°16	21°54	n.a.	S 10
S 11	8 46 5	13°32'45	18°36	24°43	29°59	9°56	12°40	2° 4	26°53	16°36	22°31	9° 2	9°13	22° 1	n.a.	S 11
M12	8 50 2	14°32'12	2♋11	26°21	1♒13	10°40	12°39	2°10	26°52	16°36	22°30	8°56	9°10	22° 7	n.a.	M12
T 13	8 53 58	15°31'36	15°36	28° 0	2°27	11°24	12°38	2°16	26°50	16°37	22°29	8°47	9° 7	22°14	n.a.	T 13
W14	8 57 55	16°30'58	28°51	29°40	3°41	12° 7	12°36	2°22	26°49	16°37	22°28	8°35	9° 4	22°21	n.a.	W14
T 15	9 1 51	17°30'18	11♌53	1♒22	4°56	12°51	12°35	2°28	26°48	16°37	22°26	8°23	9° 1	22°27	n.a.	T 15
F 16	9 5 48	18°29'35	24°41	3° 4	6°10	13°35	12°33	2°34	26°46	16°38	22°25	8° 9	8°57	22°34	n.a.	F 16
S 17	9 9 45	19°28'51	7♍14	4°49	7°24	14°18	12°31	2°39	26°45	16°38	22°24	7°57	8°54	22°41	n.a.	S 17
S 18	9 13 41	20°28'04	19°34	6°34	8°38	15° 2	12°29	2°45	26°44	16°38	22°22	7°47	8°51	22°47	n.a.	S 18
M19	9 17 38	21°27'15	1♎40	8°21	9°52	15°45	12°26	2°51	26°43	16°39	22°21	7°39	8°48	22°54	n.a.	M19
T 20	9 21 34	22°26'24	13°37	10° 9	11° 7	16°28	12°24	2°56	26°41	16°39	22°20	7°34	8°45	23° 1	n.a.	T 20
W21	9 25 31	23°25'31	25°27	11°59	12°21	17°12	12°21	3° 1	26°40	16°39	22°18	7°32	8°41	23° 7	n.a.	W21
T 22	9 29 27	24°24'36	7♏14	13°50	13°35	17°55	12°18	3° 7	26°39	16°39	22°17	7°D31	8°38	23°14	n.a.	T 22
F 23	9 33 24	25°23'39	19° 5	15°42	14°49	18°38	12°15	3°12	26°38	16°39	22°15	7°31	8°35	23°21	n.a.	F 23
S 24	9 37 20	26°22'40	1♐ 3	17°36	16° 3	19°21	12°12	3°18	26°37	16°39	22°14	7°R31	8°32	23°27	n.a.	S 24
S 25	9 41 17	27°21'40	13°16	19°31	17°17	20° 4	12° 8	3°23	26°36	16°39	22°13	7°30	8°29	23°34	n.a.	S 25
M26	9 45 14	28°20'38	25°47	21°27	18°32	20°47	12° 5	3°28	26°35	16°R39	22°11	7°27	8°26	23°41	n.a.	M26
T 27	9 49 10	29°19'33	8♑41	23°25	19°46	21°30	12° 1	3°33	26°35	16°39	22°10	7°21	8°22	23°47	n.a.	T 27
W28	9 53 7	0♓18'27	22♑ 1	25♒24	21♒ 0	22♓13	11♎57	3♑38	26♊34	16♏39	22♍ 8	7♏13	8♏19	23♎54	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s39	16s10	4n54	24s42	1s15	23s30	0s52	11s21	0s42	3s43	1n29	23s50	0s 1	24n11	0n25	15s27	1n39	18n47	17n21	15s 1	14s58	9s49		n.a.
F 2	19 25	12 48	5 0	24 42	1 21	23 21	0 54	11 4	0 41	3 43	1 29	23 50	0 1	24 11	0 25	15 27	1 39	18 47	17 22	14 57	14 57	9 51		n.a.
S 3	19 10	8 39	4 49	24 40	1 27	23 12	0 56	10 47	0 40	3 44	1 29	23 50	0 1	24 11	0 25	15 27	1 39	18 48	17 22	14 53	14 56	9 53		n.a.
S 4	18 55	3 58	4 19	24 36	1 33	23 3	0 58	10 30	0 40	3 43	1 29	23 50	0 1	24 11	0 25	15 27	1 39	18 49	17 23	14 50	14 55	9 55		n.a.
M 5	18 39	0n57	3 33	24 32	1 38	22 52	1 0	10 13	0 39	3 43	1 30	23 50	0 1	24 11	0 25	15 27	1 39	18 50	17 23	14 48	14 54	9 56		n.a.
T 6	18 24	5 49	2 34	24 25	1 43	22 41	1 1	9 56	0 38	3 43	1 30	23 50	0 2	24 11	0 25	15 27	1 39	18 51	17 24	14 46	14 53	9 58		n.a.
W 7	18 8	10 20	1 25	24 17	1 47	22 29	1 3	9 39	0 38	3 43	1 30	23 50	0 2	24 11	0 25	15 28	1 39	18 51	17 24	14 45	14 51	10 0		n.a.
T 8	17 52	14 14	0 11	24 8	1 51	22 17	1 5	9 22	0 37	3 43	1 30	23 50	0 2	24 11	0 25	15 28	1 39	18 52	17 24	14 45	14 50	10 2		n.a.
F 9	17 35	17 17	1s 3	23 57	1 55	22 4	1 6	9 5	0 37	3 42	1 30	23 50	0 2	24 11	0 25	15 28	1 39	18 53	17 25	14 45	14 49	10 3		n.a.
S 10	17 18	19 17	2 12	23 44	1 58	21 50	1 8	8 47	0 36	3 42	1 31	23 50	0 2	24 11	0 25	15 28	1 39	18 54	17 25	14 45	14 48	10 5		n.a.
S 11	17 1	20 7	3 13	23 30	2 1	21 36	1 9	8 30	0 35	3 41	1 31	23 50	0 2	24 11	0 25	15 28	1 39	18 55	17 26	14 44	14 47	10 7		n.a.
M12	16 43	19 46	4 2	23 14	2 3	21 21	1 10	8 13	0 35	3 41	1 31	23 50	0 2	24 11	0 25	15 28	1 40	18 55	17 26	14 42	14 46	10 9		n.a.
T 13	16 26	18 18	4 37	22 56	2 5	21 5	1 12	7 55	0 34	3 40	1 31	23 50	0 2	24 11	0 24	15 28	1 40	18 56	17 26	14 39	14 45	10 10		n.a.
W14	16 8	15 53	4 56	22 36	2 7	20 49	1 13	7 38	0 33	3 39	1 31	23 50	0 2	24 11	0 24	15 28	1 40	18 57	17 27	14 35	14 44	10 12		n.a.
T 15	15 50	12 42	5 0	22 15	2 8	20 32	1 14	7 20	0 33	3 38	1 32	23 49	0 2	24 11	0 24	15 28	1 40	18 58	17 27	14 31	14 43	10 14		n.a.
F 16	15 31	8 58	4 48	21 52	2 9	20 14	1 15	7 3	0 32	3 37	1 32	23 49	0 2	24 11	0 24	15 28	1 40	18 59	17 27	14 27	14 42	10 16		n.a.
S 17	15 12	4 56	4 23	21 26	2 9	19 56	1 17	6 45	0 31	3 36	1 32	23 49	0 2	24 11	0 24	15 29	1 40	19 0	17 28	14 23	14 41	10 17		n.a.
S 18	14 53	0 45	3 45	21 0	2 9	19 38	1 18	6 27	0 31	3 35	1 32	23 49	0 2	24 11	0 24	15 29	1 40	19 0	17 28	14 19	14 40	10 19		n.a.
M19	14 34	3s23	2 58	20 31	2 8	19 18	1 19	6 10	0 30	3 34	1 32	23 49	0 3	24 11	0 24	15 29	1 40	19 1	17 28	14 17	14 39	10 21		n.a.
T 20	14 15	7 21	2 3	20 0	2 7	18 59	1 19	5 52	0 29	3 33	1 33	23 49	0 3	24 11	0 24	15 29	1 40	19 2	17 29	14 15	14 38	10 23		n.a.
W21	13 55	10 59	1 4	19 28	2 5	18 39	1 20	5 34	0 29	3 32	1 33	23 49	0 3	24 11	0 24	15 29	1 40	19 3	17 29	14 14	14 37	10 24		n.a.
T 22	13 35	14 10	0 1	18 53	2 3	18 18	1 21	5 17	0 28	3 31	1 33	23 49	0 3	24 10	0 24	15 29	1 40	19 4	17 29	14 14	14 36	10 26		n.a.
F 23	13 15	16 47	1n 1	18 17	2 0	17 57	1 22	4 59	0 27	3 29	1 33	23 49	0 3	24 10	0 24	15 29	1 40	19 5	17 29	14 14	14 35	10 28		n.a.
S 24	12 55	18 42	2 2	17 38	1 56	17 35	1 23	4 41	0 27	3 28	1 33	23 49	0 3	24 10	0 24	15 29	1 40	19 5	17 30	14 14	14 34	10 29		n.a.
S 25	12 35	19 48	2 58	16 58	1 52	17 13	1 23	4 23	0 26	3 26	1 34	23 49	0 3	24 10	0 24	15 29	1 40	19 6	17 30	14 14	14 33	10 31		n.a.
M26	12 14	19 57	3 48	16 16	1 48	16 50	1 24	4 6	0 25	3 25	1 34	23 49	0 3	24 10	0 24	15 28	1 40	19 7	17 30	14 13	14 32	10 33		n.a.
T 27	11 53	19 5	4 27	15 32	1 43	16 27	1 24	3 48	0 25	3 23	1 34	23 49	0 3	24 10	0 24	15 28	1 40	19 8	17 30	14 11	14 31	10 35		n.a.
W28	11s32	17s10	4n53	14s47	1s37	16s 3	1s25	3s30	0s24	3s21	1n34	23s49	0s 3	24n10	0n24	15s28	1n40	19n 9	17n31	14s 8	14s30	10s36		n.a.

Julian Day Number = 1362048.5, Delta T = 06h58m05s
Ecliptic obliquity = 23°48'38, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°39'33, Lahiri = -17°32'33 Julian Calendar 1 Feb. 984 BCE == Greg. Calendar 23 Jan. 984 BCE

The year -983 astronomical counting style corresponds to year 984 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 984 BCE
geocentric

MARCH 984 BCE (-983) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 57 3	1♓17'19	5♒47	27♒24	22♒14	22♓56	11°R53	3♉43	26°R33	16°R39	22°R 6	7°R 4	8♏16	24♎ 1	n.a.	T 1
F 2	10 1 0	2°16'09	19°57	29°26	23°28	23°39	11♎49	3°48	26♊33	16♏39	22♍ 5	6♏53	8°13	24° 7	n.a.	F 2
S 3	10 4 56	3°14'56	4♓27	1♓29	24°42	24°22	11°44	3°53	26°32	16°39	22° 3	6°43	8°10	24°14	n.a.	S 3
S 4	10 8 53	4°13'42	19° 9	3°32	25°56	25° 5	11°40	3°57	26°31	16°39	22° 2	6°35	8° 6	24°20	n.a.	S 4
M 5	10 12 49	5°12'25	3♈56	5°37	27°10	25°48	11°35	4° 2	26°31	16°39	22° 0	6°29	8° 3	24°27	n.a.	M 5
T 6	10 16 46	6°11'06	18°40	7°42	28°25	26°30	11°30	4° 7	26°30	16°38	21°59	6°25	8° 0	24°34	n.a.	T 6
W 7	10 20 42	7° 9'45	3♉15	9°48	29°39	27°13	11°25	4°11	26°30	16°38	21°57	6°D24	7°57	24°40	n.a.	W 7
T 8	10 24 39	8° 8'21	17°37	11°54	0♓53	27°56	11°20	4°16	26°30	16°38	21°55	6°24	7°54	24°47	n.a.	T 8
F 9	10 28 36	9° 6'56	1♊43	14° 0	2° 7	28°38	11°14	4°20	26°29	16°37	21°54	6°25	7°51	24°54	n.a.	F 9
S 10	10 32 32	10° 5'27	15°33	16° 7	3°21	29°21	11° 9	4°24	26°29	16°37	21°52	6°R25	7°47	25° 0	n.a.	S 10
S 11	10 36 29	11° 3'57	29° 7	18°12	4°35	0♈ 3	11° 3	4°28	26°29	16°37	21°50	6°23	7°44	25° 7	n.a.	S 11
M12	10 40 25	12° 2'24	12♋27	20°17	5°49	0°45	10°58	4°33	26°29	16°36	21°49	6°19	7°41	25°14	n.a.	M12
T 13	10 44 22	13° 0'49	25°33	22°21	7° 3	1°28	10°52	4°37	26°29	16°36	21°47	6°14	7°38	25°20	n.a.	T 13
W14	10 48 18	13°59'12	8♌26	24°24	8°17	2°10	10°46	4°41	26°D29	16°35	21°45	6° 6	7°35	25°27	n.a.	W14
T 15	10 52 15	14°57'32	21° 7	26°25	9°31	2°52	10°40	4°44	26°29	16°35	21°44	5°57	7°32	25°34	n.a.	T 15
F 16	10 56 11	15°55'50	3♍37	28°24	10°45	3°35	10°33	4°48	26°29	16°34	21°42	5°47	7°28	25°40	n.a.	F 16
S 17	11 0 8	16°54'07	15°55	0♈21	11°59	4°17	10°27	4°52	26°29	16°34	21°40	5°39	7°25	25°47	n.a.	S 17
S 18	11 4 4	17°52'21	28° 3	2°15	13°13	4°59	10°21	4°56	26°29	16°33	21°39	5°32	7°22	25°54	n.a.	S 18
M19	11 8 1	18°50'34	10♎ 2	4° 6	14°26	5°41	10°14	4°59	26°30	16°32	21°37	5°26	7°19	26° 0	n.a.	M19
T 20	11 11 58	19°48'44	21°54	5°54	15°40	6°23	10° 7	5° 3	26°30	16°32	21°35	5°23	7°16	26° 7	n.a.	T 20
W21	11 15 54	20°46'53	3♏42	7°39	16°54	7° 5	10° 1	5° 6	26°30	16°31	21°34	5°D22	7°12	26°13	n.a.	W21
T 22	11 19 51	21°45'01	15°29	9°20	18° 8	7°47	9°54	5° 9	26°31	16°30	21°32	5°23	7° 9	26°20	n.a.	T 22
F 23	11 23 47	22°43'06	27°20	10°58	19°22	8°29	9°47	5°13	26°31	16°29	21°30	5°24	7° 6	26°27	n.a.	F 23
S 24	11 27 44	23°41'11	9♐19	12°32	20°36	9°11	9°40	5°16	26°32	16°29	21°29	5°26	7° 3	26°33	n.a.	S 24
S 25	11 31 40	24°39'13	21°30	14° 1	21°50	9°52	9°33	5°19	26°32	16°28	21°27	5°R26	7° 0	26°40	n.a.	S 25
M26	11 35 37	25°37'14	4♑ 0	15°27	23° 4	10°34	9°26	5°22	26°33	16°27	21°25	5°26	6°57	26°47	n.a.	M26
T 27	11 39 33	26°35'14	16°52	16°48	24°18	11°16	9°19	5°25	26°34	16°26	21°23	5°24	6°53	26°53	n.a.	T 27
W28	11 43 30	27°33'12	0♒10	18° 5	25°31	11°58	9°11	5°28	26°34	16°25	21°22	5°21	6°50	27° 0	n.a.	W28
T 29	11 47 27	28°31'09	13°55	19°18	26°45	12°39	9° 4	5°30	26°35	16°24	21°20	5°16	6°47	27° 7	n.a.	T 29
F 30	11 51 23	29°29'04	28° 8	20°26	27°59	13°21	8°56	5°33	26°36	16°23	21°18	5°11	6°44	27°13	n.a.	F 30
S 31	11 55 20	0♈26'58	12♓45	21♈30	29♓13	14♈ 2	8♎49	5♉35	26♊37	16♏22	21♍17	5♏ 6	6♏41	27♎20	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11s11	14s13	5n 3	13s59	1s31	15s39	1s25	3s12	0s23	3s20	1n34	23s49	0s 3	24n10	0n24	15s28	1n40	19n 9	17n31	14s 5	14s29	10s38			n.a.
F 2	10 50	10 23	4 56	13 10	1 25	15 15	1 25	2 54	0 23	3 18	1 34	23 49	0 3	24 10	0 24	15 28	1 40	19 10	17 31	14 1	14 28	10 40			n.a.
S 3	10 28	5 51	4 29	12 19	1 17	14 50	1 25	2 37	0 22	3 16	1 35	23 49	0 4	24 10	0 24	15 28	1 40	19 11	17 31	13 58	14 27	10 41			n.a.
S 4	10 7	0 55	3 44	11 27	1 10	14 24	1 26	2 19	0 21	3 14	1 35	23 49	0 4	24 10	0 24	15 28	1 40	19 12	17 31	13 55	14 26	10 43			n.a.
M 5	9 45	4n 6	2 44	10 33	1 1	13 59	1 26	2 1	0 21	3 12	1 35	23 49	0 4	24 10	0 24	15 28	1 41	19 13	17 32	13 53	14 25	10 45			n.a.
T 6	9 23	8 52	1 33	9 37	0 52	13 33	1 26	1 43	0 20	3 10	1 35	23 49	0 4	24 10	0 24	15 28	1 41	19 13	17 32	13 52	14 24	10 46			n.a.
W 7	9 1	13 3	0 17	8 41	0 43	13 6	1 26	1 25	0 20	3 8	1 35	23 49	0 4	24 10	0 24	15 28	1 41	19 14	17 32	13 52	14 23	10 48			n.a.
T 8	8 39	16 24	1s 0	7 43	0 33	12 40	1 26	1 8	0 19	3 5	1 35	23 48	0 4	24 10	0 24	15 28	1 41	19 15	17 32	13 52	14 21	10 50			n.a.
F 9	8 16	18 41	2 11	6 45	0 23	12 13	1 26	0 50	0 18	3 3	1 35	23 48	0 4	24 10	0 24	15 27	1 41	19 16	17 32	13 52	14 20	10 51			n.a.
S 10	7 54	19 48	3 14	5 46	0 13	11 45	1 25	0 32	0 18	3 1	1 35	23 48	0 4	24 10	0 24	15 27	1 41	19 17	17 32	13 52	14 19	10 53			n.a.
S 11	7 32	19 44	4 4	4 46	0 2	11 18	1 25	0 14	0 17	2 59	1 36	23 48	0 4	24 10	0 24	15 27	1 41	19 17	17 32	13 51	14 18	10 55			n.a.
M12	7 9	18 34	4 41	3 46	0n 9	10 50	1 25	0n 3	0 16	2 56	1 36	23 48	0 4	24 10	0 24	15 27	1 41	19 18	17 32	13 50	14 17	10 56			n.a.
T 13	6 46	16 26	5 1	2 46	0 20	10 22	1 24	0 21	0 16	2 54	1 36	23 48	0 4	24 10	0 24	15 27	1 41	19 19	17 32	13 48	14 16	10 58			n.a.
W14	6 24	13 31	5 6	1 47	0 31	9 53	1 24	0 39	0 15	2 51	1 36	23 48	0 5	24 10	0 24	15 27	1 41	19 20	17 33	13 46	14 15	11 0			n.a.
T 15	6 1	10 1	4 56	0 48	0 43	9 24	1 23	0 56	0 14	2 49	1 36	23 48	0 5	24 10	0 24	15 26	1 41	19 20	17 33	13 43	14 14	11 1			n.a.
F 16	5 38	6 7	4 32	0n11	0 54	8 55	1 23	1 14	0 14	2 46	1 36	23 48	0 5	24 10	0 24	15 26	1 41	19 21	17 33	13 39	14 13	11 3			n.a.
S 17	5 15	2 2	3 55	1 8	1 5	8 26	1 22	1 32	0 13	2 44	1 36	23 48	0 5	24 10	0 24	15 26	1 41	19 22	17 33	13 36	14 12	11 5			n.a.
S 18	4 52	2s 4	3 8	2 4	1 16	7 57	1 21	1 49	0 12	2 41	1 36	23 48	0 5	24 10	0 24	15 26	1 41	19 22	17 33	13 34	14 11	11 6			n.a.
M19	4 29	6 4	2 13	2 58	1 26	7 27	1 21	2 7	0 12	2 38	1 36	23 48	0 5	24 10	0 24	15 26	1 41	19 23	17 33	13 32	14 10	11 8			n.a.
T 20	4 6	9 47	1 12	3 51	1 37	6 57	1 20	2 24	0 11	2 36	1 36	23 48	0 5	24 10	0 24	15 25	1 41	19 24	17 33	13 31	14 9	11 10			n.a.
W21	3 42	13 5	0 9	4 42	1 46	6 27	1 19	2 42	0 11	2 33	1 36	23 48	0 5	24 10	0 24	15 25	1 41	19 25	17 33	13 31	14 8	11 11			n.a.
T 22	3 19	15 52	0n55	5 31	1 56	5 57	1 18	2 59	0 10	2 30	1 37	23 48	0 5	24 10	0 24	15 25	1 41	19 25	17 33	13 31	14 7	11 13			n.a.
F 23	2 56	17 59	1 57	6 18	2 4	5 27	1 17	3 16	0 9	2 27	1 37	23 48	0 5	24 10	0 24	15 25	1 41	19 26	17 33	13 32	14 6	11 15			n.a.
S 24	2 33	19 19	2 54	7 3	2 13	4 56	1 16	3 34	0 9	2 25	1 37	23 48	0 5	24 10	0 24	15 24	1 41	19 27	17 33	13 32	14 5	11 16			n.a.
S 25	2 9	19 48	3 45	7 45	2 20	4 26	1 15	3 51	0 8	2 22	1 37	23 48	0 6	24 10	0 24	15 24	1 41	19 27	17 33	13 32	14 4	11 18			n.a.
M26	1 46	19 19	4 26	8 25	2 27	3 55	1 14	4 8	0 7	2 19	1 37	23 48	0 6	24 10	0 24	15 24	1 41	19 28	17 33	13 32	14 3	11 20			n.a.
T 27	1 23	17 51	4 56	9 3	2 33	3 24	1 12	4 25	0 7	2 16	1 37	23 48	0 6	24 10	0 24	15 23	1 41	19 28	17 33	13 32	14 1	11 21			n.a.
W28	0 59	15 23	5 10	9 37	2 38	2 53	1 11	4 42	0 6	2 13	1 37	23 48	0 6	24 10	0 24	15 23	1 42	19 29	17 33	13 30	14 0	11 23			n.a.
T 29	0 36	11 59	5 8	10 10	2 42	2 22	1 10	4 59	0 6	2 10	1 37	23 48	0 6	24 10	0 24	15 23	1 42	19 30	17 32	13 29	13 59	11 25			n.a.
F 30	0 12	7 49	4 47	10 39	2 46	1 51	1 8	5 16	0 5	2 7	1 37	23 48	0 6	24 10	0 24	15 23	1 42	19 30	17 32	13 27	13 58	11 26			n.a.
S 31	0n11	3s 5	4n 7	11n 6	2n48	1s20	1s 7	5n33	0s 4	2s 4	1n37	23s48	0s 6	24n10	0n24	15s22	1n42	19n31	17n32	13s25	13s57	11s28			n.a.

Julian Day Number = 1362076.5, Delta T = 06h58m04s
Ecliptic obliquity = 23°48'38, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°39'29, Lahiri = -17°32'29 Julian Calendar 1 March 984 BCE == Greg. Calendar 20 Feb. 984 BCE

The year -983 astronomical counting style corresponds to year 984 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 984 BCE
geocentric

APRIL 984 BCE (-983) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 59 16	1♈24'50	27♓39	22♈29	0♈27	14♈44	8°R42	5♉38	26♊38	16°R21	21°R15	5°R 1	6♏38	27♎27	n.a.	S 1
M 2	12 3 13	2°22'40	12♈43	23°23	1°41	15°25	8♎34	5°40	26°39	16♏20	21♍13	4♏58	6°34	27°33	n.a.	M 2
T 3	12 7 9	3°20'29	27°47	24°13	2°55	16° 7	8°26	5°42	26°40	16°19	21°12	4°D57	6°31	27°40	n.a.	T 3
W 4	12 11 6	4°18'16	12♉42	24°58	4° 8	16°48	8°19	5°45	26°41	16°18	21°10	4°57	6°28	27°47	n.a.	W 4
T 5	12 15 2	5°16'01	27°23	25°39	5°22	17°30	8°11	5°47	26°42	16°17	21° 9	4°58	6°25	27°53	n.a.	T 5
F 6	12 18 59	6°13'45	11♊43	26°14	6°36	18°11	8° 4	5°49	26°43	16°16	21° 7	4°59	6°22	28° 0	n.a.	F 6
S 7	12 22 55	7°11'27	25°41	26°44	7°50	18°52	7°56	5°50	26°44	16°15	21° 5	5° 0	6°18	28° 6	n.a.	S 7
S 8	12 26 52	8° 9'07	9♋18	27°10	9° 4	19°33	7°48	5°52	26°46	16°14	21° 4	5°R 1	6°15	28°13	n.a.	S 8
M 9	12 30 49	9° 6'45	22°33	27°31	10°17	20°14	7°41	5°54	26°47	16°13	21° 2	5° 0	6°12	28°20	n.a.	M 9
T 10	12 34 45	10° 4'22	5♌30	27°46	11°31	20°56	7°33	5°56	26°49	16°11	21° 1	4°58	6° 9	28°26	n.a.	T 10
W11	12 38 42	11° 1'57	18°10	27°57	12°45	21°37	7°25	5°57	26°50	16°10	20°59	4°56	6° 6	28°33	n.a.	W11
T 12	12 42 38	11°59'30	0♍36	28° 2	13°59	22°18	7°18	5°58	26°51	16° 9	20°57	4°52	6° 3	28°40	n.a.	T 12
F 13	12 46 35	12°57'02	12°50	28°R 3	15°12	22°59	7°10	6° 0	26°53	16° 8	20°56	4°49	5°59	28°46	n.a.	F 13
S 14	12 50 31	13°54'32	24°55	28° 0	16°26	23°40	7° 3	6° 1	26°55	16° 6	20°54	4°45	5°56	28°53	n.a.	S 14
S 15	12 54 28	14°52'01	6♎53	27°51	17°40	24°21	6°55	6° 2	26°56	16° 5	20°53	4°43	5°53	29° 0	n.a.	S 15
M16	12 58 24	15°49'28	18°45	27°39	18°53	25° 1	6°48	6° 3	26°58	16° 4	20°51	4°41	5°50	29° 6	n.a.	M16
T 17	13 2 21	16°46'55	0♏33	27°22	20° 7	25°42	6°40	6° 4	27° 0	16° 2	20°50	4°D40	5°47	29°13	n.a.	T 17
W18	13 6 18	17°44'20	12°21	27° 2	21°21	26°23	6°33	6° 5	27° 1	16° 1	20°48	4°40	5°43	29°20	n.a.	W18
T 19	13 10 14	18°41'44	24°10	26°38	22°34	27° 4	6°26	6° 5	27° 3	16° 0	20°47	4°41	5°40	29°26	n.a.	T 19
F 20	13 14 11	19°39'07	6♐ 3	26°11	23°48	27°44	6°18	6° 6	27° 5	15°58	20°45	4°42	5°37	29°33	n.a.	F 20
S 21	13 18 7	20°36'30	18° 5	25°42	25° 2	28°25	6°11	6° 7	27° 7	15°57	20°44	4°44	5°34	29°40	n.a.	S 21
S 22	13 22 4	21°33'51	0♑19	25°11	26°15	29° 6	6° 4	6° 7	27° 9	15°55	20°43	4°45	5°31	29°46	n.a.	S 22
M23	13 26 0	22°31'12	12°48	24°38	27°29	29°46	5°57	6° 7	27°11	15°54	20°41	4°45	5°28	29°53	n.a.	M23
T 24	13 29 57	23°28'32	25°38	24° 4	28°43	0♒27	5°50	6° 8	27°13	15°52	20°40	4°R46	5°24	29°59	n.a.	T 24
W25	13 33 53	24°25'51	8♒51	23°31	29°56	1° 7	5°43	6° 8	27°15	15°51	20°39	4°45	5°21	0♏ 6	n.a.	W25
T 26	13 37 50	25°23'10	22°30	22°57	1♓10	1°48	5°36	6°R 8	27°17	15°50	20°37	4°45	5°18	0°13	n.a.	T 26
F 27	13 41 47	26°20'27	6♓36	22°25	2°24	2°28	5°29	6° 8	27°20	15°48	20°36	4°44	5°15	0°19	n.a.	F 27
S 28	13 45 43	27°17'45	21° 6	21°53	3°37	3° 9	5°23	6° 7	27°22	15°47	20°35	4°43	5°12	0°26	n.a.	S 28
S 29	13 49 40	28°15'01	5♈58	21°24	4°51	3°49	5°16	6° 7	27°24	15°45	20°33	4°42	5° 9	0°33	n.a.	S 29
M30	13 53 36	29♈12'17	21♈ 4	20♈57	6♉ 5	4♉29	5♎10	6♉ 7	27♊26	15♏43	20♍32	4♏42	5♏ 5	0♏39	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n34	1n57	3n10	11n30	2n50	0s49	1s 6	5n50	0s 4	2s 1	1n37	23s47	0s 6	24n10	0n24	15s22	1n42	19n31	17n32	13s24	13s56	11s29		n.a.
M 2	0 58	6 55	1 59	11 51	2 51	0 18	1 4	6 7	0 3	1 58	1 37	23 47	0 6	24 10	0 24	15 22	1 42	19 32	17 32	13 23	13 55	11 31		n.a.
T 3	1 21	11 27	0 39	12 10	2 50	0n13	1 2	6 24	0 2	1 55	1 37	23 47	0 6	24 10	0 24	15 21	1 42	19 33	17 32	13 22	13 54	11 33		n.a.
W 4	1 44	15 13	0s42	12 26	2 49	0 45	1 1	6 40	0 2	1 52	1 37	23 47	0 6	24 10	0 24	15 21	1 42	19 33	17 32	13 22	13 53	11 34		n.a.
T 5	2 7	17 56	2 0	12 39	2 47	1 16	0 59	6 57	0 1	1 49	1 37	23 47	0 7	24 10	0 24	15 21	1 42	19 34	17 32	13 23	13 52	11 36		n.a.
F 6	2 31	19 26	3 8	12 49	2 43	1 47	0 57	7 14	0 1	1 46	1 36	23 47	0 7	24 10	0 24	15 20	1 42	19 34	17 31	13 23	13 51	11 37		n.a.
S 7	2 54	19 41	4 4	12 56	2 39	2 18	0 56	7 30	0 0	1 43	1 36	23 48	0 7	24 10	0 24	15 20	1 42	19 35	17 31	13 23	13 50	11 39		n.a.
S 8	3 17	18 46	4 44	13 0	2 33	2 49	0 54	7 47	0n 1	1 40	1 36	23 48	0 7	24 10	0 24	15 19	1 42	19 35	17 31	13 24	13 49	11 41		n.a.
M 9	3 40	16 50	5 7	13 1	2 27	3 20	0 52	8 3	0 1	1 37	1 36	23 48	0 7	24 10	0 24	15 19	1 42	19 35	17 31	13 23	13 48	11 42		n.a.
T 10	4 3	14 6	5 14	13 0	2 19	3 51	0 50	8 19	0 2	1 34	1 36	23 48	0 7	24 10	0 24	15 19	1 42	19 36	17 31	13 23	13 47	11 44		n.a.
W11	4 26	10 46	5 6	12 56	2 10	4 22	0 48	8 35	0 2	1 31	1 36	23 48	0 7	24 10	0 24	15 18	1 42	19 36	17 30	13 22	13 46	11 45		n.a.
T 12	4 49	7 1	4 44	12 49	2 0	4 53	0 46	8 51	0 3	1 28	1 36	23 48	0 7	24 10	0 24	15 18	1 42	19 37	17 30	13 21	13 44	11 47		n.a.
F 13	5 11	3 2	4 8	12 39	1 50	5 24	0 44	9 7	0 4	1 25	1 36	23 48	0 7	24 10	0 24	15 18	1 42	19 37	17 30	13 19	13 43	11 49		n.a.
S 14	5 34	1s 2	3 22	12 26	1 38	5 55	0 42	9 23	0 4	1 22	1 36	23 48	0 7	24 10	0 24	15 17	1 42	19 38	17 30	13 18	13 42	11 50		n.a.
S 15	5 57	5 1	2 28	12 11	1 25	6 25	0 40	9 39	0 5	1 20	1 36	23 48	0 8	24 10	0 24	15 17	1 42	19 38	17 29	13 17	13 41	11 52		n.a.
M16	6 19	8 47	1 27	11 54	1 11	6 55	0 38	9 55	0 5	1 17	1 36	23 48	0 8	24 10	0 24	15 16	1 42	19 38	17 29	13 17	13 40	11 53		n.a.
T 17	6 42	12 12	0 23	11 34	0 56	7 26	0 36	10 11	0 6	1 14	1 36	23 48	0 8	24 10	0 24	15 16	1 42	19 39	17 29	13 17	13 39	11 55		n.a.
W18	7 4	15 6	0n42	11 12	0 41	7 56	0 34	10 26	0 7	1 11	1 35	23 48	0 8	24 10	0 24	15 16	1 42	19 39	17 29	13 17	13 38	11 56		n.a.
T 19	7 26	17 24	1 46	10 49	0 25	8 26	0 32	10 42	0 7	1 8	1 35	23 48	0 8	24 10	0 24	15 15	1 42	19 39	17 28	13 17	13 37	11 58		n.a.
F 20	7 48	18 56	2 45	10 24	0 9	8 55	0 29	10 57	0 8	1 5	1 35	23 48	0 8	24 10	0 24	15 15	1 42	19 40	17 28	13 17	13 36	12 0		n.a.
S 21	8 10	19 39	3 38	9 57	0s 8	9 25	0 27	11 12	0 8	1 3	1 35	23 48	0 8	24 10	0 24	15 14	1 42	19 40	17 28	13 18	13 35	12 1		n.a.
S 22	8 32	19 27	4 22	9 30	0 25	9 54	0 25	11 28	0 9	1 0	1 35	23 48	0 8	24 10	0 24	15 14	1 42	19 40	17 27	13 18	13 34	12 3		n.a.
M23	8 54	18 18	4 55	9 2	0 42	10 23	0 23	11 43	0 10	0 57	1 35	23 48	0 8	24 10	0 24	15 13	1 42	19 40	17 27	13 18	13 33	12 4		n.a.
T 24	9 15	16 13	5 13	8 34	0 59	10 52	0 20	11 58	0 10	0 54	1 35	23 48	0 8	24 11	0 24	15 13	1 42	19 41	17 27	13 18	13 32	12 6		n.a.
W25	9 37	13 14	5 17	8 6	1 16	11 21	0 18	12 13	0 11	0 52	1 34	23 48	0 9	24 11	0 24	15 13	1 42	19 41	17 26	13 18	13 31	12 7		n.a.
T 26	9 58	9 28	5 2	7 38	1 32	11 49	0 16	12 28	0 11	0 49	1 34	23 49	0 9	24 11	0 24	15 12	1 42	19 41	17 26	13 18	13 29	12 9		n.a.
F 27	10 19	5 3	4 30	7 11	1 48	12 17	0 13	12 42	0 12	0 47	1 34	23 49	0 9	24 11	0 24	15 12	1 42	19 41	17 26	13 18	13 28	12 10		n.a.
S 28	10 40	0 14	3 39	6 45	2 4	12 45	0 11	12 57	0 12	0 44	1 34	23 49	0 9	24 11	0 24	15 11	1 42	19 42	17 25	13 17	13 27	12 12		n.a.
S 29	11 1	4n44	2 33	6 21	2 18	13 12	0 9	13 11	0 13	0 42	1 34	23 49	0 9	24 11	0 24	15 11	1 42	19 42	17 25	13 17	13 26	12 14		n.a.
M30	11n22	9n30	1n15	5n58	2s31	13n39	0s 6	13n26	0n14	0s39	1n33	23s49	0s 9	24n11	0n24	15s10	1n42	19n42	17n24	13s17	13s25	12s15		n.a.

Julian Day Number = 1362107.5, Delta T = 06h58m02s
Ecliptic obliquity = 23°48'39, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°39'25, Lahiri = -17°32'25 Julian Calendar 1 Apr. 984 BCE == Greg. Calendar 23 March 984 BCE

The year -983 astronomical counting style corresponds to year 984 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 984 BCE
geocentric

MAY 984 BCE (-983) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 57 33	0♉ 9'32	6♉15	20°R33	7♉18	5♉10	5°R 3	6°R 6	27♊29	15°R42	20°R31	4°D42	5♏ 2	0♏46	n.a.	T 1
W 2	14 1 29	1° 6'46	21°22	20♈13	8°32	5°50	4♎57	6♋ 6	27°31	15♏40	20♍30	4♏42	4°59	0°53	n.a.	W 2
T 3	14 5 26	2° 3'59	6♊17	19°56	9°46	6°30	4°51	6° 5	27°34	15°39	20°29	4°42	4°56	0°59	n.a.	T 3
F 4	14 9 22	3° 1'12	20°51	19°42	10°59	7°10	4°45	6° 4	27°36	15°37	20°28	4°42	4°53	1° 6	n.a.	F 4
S 5	14 13 19	3°58'24	5♋ 2	19°33	12°13	7°51	4°39	6° 4	27°39	15°36	20°26	4°42	4°49	1°13	n.a.	S 5
S 6	14 17 16	4°55'34	18°46	19°28	13°26	8°31	4°33	6° 3	27°41	15°34	20°25	4°R42	4°46	1°19	n.a.	S 6
M 7	14 21 12	5°52'44	2♌ 5	19°D28	14°40	9°11	4°28	6° 2	27°44	15°33	20°24	4°D42	4°43	1°26	n.a.	M 7
T 8	14 25 9	6°49'53	15° 0	19°32	15°54	9°51	4°22	6° 0	27°46	15°31	20°23	4°42	4°40	1°33	n.a.	T 8
W 9	14 29 5	7°47'01	27°35	19°40	17° 7	10°31	4°17	5°59	27°49	15°29	20°22	4°42	4°37	1°39	n.a.	W 9
T 10	14 33 2	8°44'08	9♍54	19°53	18°21	11°11	4°12	5°58	27°52	15°28	20°21	4°43	4°34	1°46	n.a.	T 10
F 11	14 36 58	9°41'15	21°59	20°11	19°34	11°51	4° 7	5°56	27°54	15°26	20°20	4°43	4°30	1°52	n.a.	F 11
S 12	14 40 55	10°38'21	3♎56	20°33	20°48	12°31	4° 2	5°55	27°57	15°25	20°19	4°44	4°27	1°59	n.a.	S 12
S 13	14 44 51	11°35'26	15°47	21° 0	22° 2	13°10	3°57	5°53	28° 0	15°23	20°19	4°44	4°24	2° 6	n.a.	S 13
M14	14 48 48	12°32'31	27°35	21°31	23°15	13°50	3°52	5°52	28° 3	15°21	20°18	4°45	4°21	2°12	n.a.	M14
T 15	14 52 45	13°29'36	9♏22	22° 7	24°29	14°30	3°48	5°50	28° 6	15°20	20°17	4°R45	4°18	2°19	n.a.	T 15
W16	14 56 41	14°26'40	21°12	22°47	25°42	15°10	3°43	5°48	28° 8	15°18	20°16	4°44	4°14	2°26	n.a.	W16
T 17	15 0 38	15°23'44	3♐ 7	23°31	26°56	15°49	3°39	5°46	28°11	15°17	20°15	4°43	4°11	2°32	n.a.	T 17
F 18	15 4 34	16°20'48	15° 8	24°20	28° 9	16°29	3°35	5°44	28°14	15°15	20°14	4°42	4° 8	2°39	n.a.	F 18
S 19	15 8 31	17°17'51	27°18	25°12	29°23	17° 9	3°31	5°42	28°17	15°13	20°14	4°40	4° 5	2°46	n.a.	S 19
S 20	15 12 27	18°14'55	9♑40	26° 9	0♊36	17°48	3°28	5°40	28°20	15°12	20°13	4°39	4° 2	2°52	n.a.	S 20
M21	15 16 24	19°11'59	22°15	27°10	1°50	18°28	3°24	5°37	28°23	15°10	20°12	4°37	3°59	2°59	n.a.	M21
T 22	15 20 21	20° 9'03	5♒ 7	28°15	3° 3	19° 8	3°21	5°35	28°27	15° 8	20°12	4°36	3°55	3° 6	n.a.	T 22
W23	15 24 17	21° 6'07	18°19	29°23	4°17	19°47	3°18	5°32	28°30	15° 7	20°11	4°D35	3°52	3°12	n.a.	W23
T 24	15 28 14	22° 3'12	1♓51	0♉36	5°30	20°27	3°15	5°30	28°33	15° 5	20°11	4°35	3°49	3°19	n.a.	T 24
F 25	15 32 10	23° 0'16	15°46	1°52	6°44	21° 6	3°12	5°27	28°36	15° 4	20°10	4°36	3°46	3°25	n.a.	F 25
S 26	15 36 7	23°57'21	0♈ 3	3°12	7°58	21°46	3° 9	5°25	28°39	15° 2	20°10	4°37	3°43	3°32	n.a.	S 26
S 27	15 40 3	24°54'27	14°41	4°36	9°11	22°25	3° 7	5°22	28°42	15° 0	20° 9	4°39	3°40	3°39	n.a.	S 27
M28	15 44 0	25°51'32	29°35	6° 4	10°25	23° 4	3° 4	5°19	28°46	14°59	20° 9	4°R39	3°36	3°45	n.a.	M28
T 29	15 47 56	26°48'38	14♉38	7°35	11°38	23°44	3° 2	5°16	28°49	14°57	20° 8	4°39	3°33	3°52	n.a.	T 29
W30	15 51 53	27°45'44	29°43	9° 9	12°52	24°23	3° 0	5°13	28°52	14°56	20° 8	4°38	3°30	3°59	n.a.	W30
T 31	15 55 50	28♉42'51	14♊39	10♉48	14♊ 5	25♉ 2	2♎59	5♋10	28♊55	14♏54	20♍ 8	4♏36	3♏27	4♏ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	11n42	13n40	0s 9	5n37	2s44	14n 6	0s 4	13n40	0n14	0s37	1n33	23s49	0s 9	24n11	0n24	15s10	1n42	19n42	17n24	13s17	13s24	12s17		n.a.	T 1
W 2	12 2	16 55	1 31	5 19	2 55	14 32	0 2	13 54	0 15	0 35	1 33	23 49	0 9	24 11	0 24	15 9	1 42	19 42	17 24	13 17	13 23	12 18		n.a.	W 2
T 3	12 23	18 57	2 47	5 3	3 6	14 59	0n 1	14 8	0 15	0 32	1 33	23 49	0 9	24 11	0 24	15 9	1 42	19 42	17 23	13 17	13 22	12 20		n.a.	T 3
F 4	12 43	19 40	3 50	4 49	3 15	15 24	0 3	14 22	0 16	0 30	1 33	23 50	0 9	24 11	0 24	15 8	1 42	19 42	17 23	13 17	13 21	12 21		n.a.	F 4
S 5	13 2	19 7	4 36	4 38	3 23	15 50	0 6	14 36	0 16	0 28	1 32	23 50	0 10	24 11	0 24	15 8	1 42	19 42	17 22	13 17	13 20	12 23		n.a.	S 5
S 6	13 22	17 25	5 6	4 30	3 30	16 15	0 8	14 50	0 17	0 26	1 32	23 50	0 10	24 11	0 24	15 7	1 42	19 42	17 22	13 17	13 19	12 24		n.a.	S 6
M 7	13 41	14 51	5 18	4 25	3 36	16 39	0 10	15 3	0 18	0 24	1 32	23 50	0 10	24 11	0 24	15 7	1 42	19 42	17 22	13 17	13 18	12 26		n.a.	M 7
T 8	14 0	11 36	5 13	4 22	3 40	17 3	0 13	15 17	0 18	0 22	1 32	23 50	0 10	24 11	0 24	15 7	1 42	19 42	17 21	13 17	13 16	12 27		n.a.	T 8
W 9	14 19	7 55	4 53	4 22	3 43	17 27	0 15	15 30	0 19	0 20	1 31	23 50	0 10	24 11	0 24	15 6	1 42	19 42	17 21	13 17	13 15	12 29		n.a.	W 9
T 10	14 38	3 58	4 20	4 25	3 46	17 50	0 18	15 43	0 19	0 18	1 31	23 50	0 10	24 11	0 24	15 6	1 42	19 42	17 20	13 17	13 14	12 30		n.a.	T 10
F 11	14 56	0s 5	3 36	4 31	3 47	18 13	0 20	15 56	0 20	0 16	1 31	23 51	0 10	24 11	0 24	15 5	1 42	19 42	17 20	13 18	13 13	12 32		n.a.	F 11
S 12	15 15	4 4	2 43	4 39	3 47	18 35	0 22	16 9	0 20	0 15	1 31	23 51	0 10	24 11	0 24	15 5	1 42	19 42	17 19	13 18	13 12	12 33		n.a.	S 12
S 13	15 33	7 53	1 44	4 50	3 46	18 57	0 25	16 22	0 21	0 13	1 30	23 51	0 10	24 11	0 24	15 4	1 42	19 42	17 19	13 18	13 11	12 35		n.a.	S 13
M14	15 50	11 23	0 40	5 4	3 44	19 19	0 27	16 35	0 21	0 11	1 30	23 51	0 11	24 11	0 24	15 4	1 42	19 42	17 18	13 18	13 10	12 36		n.a.	M14
T 15	16 8	14 26	0n26	5 20	3 41	19 39	0 29	16 47	0 22	0 10	1 30	23 51	0 11	24 11	0 24	15 3	1 42	19 42	17 18	13 18	13 9	12 38		n.a.	T 15
W16	16 25	16 53	1 30	5 38	3 38	20 0	0 32	17 0	0 23	0 8	1 30	23 52	0 11	24 11	0 24	15 3	1 42	19 42	17 17	13 18	13 8	12 39		n.a.	W16
T 17	16 42	18 38	2 31	5 59	3 33	20 19	0 34	17 12	0 23	0 7	1 29	23 52	0 11	24 11	0 24	15 2	1 42	19 42	17 17	13 18	13 7	12 41		n.a.	T 17
F 18	16 59	19 33	3 26	6 22	3 28	20 39	0 36	17 24	0 24	0 5	1 29	23 52	0 11	24 11	0 23	15 2	1 42	19 42	17 16	13 17	13 6	12 42		n.a.	F 18
S 19	17 16	19 35	4 12	6 47	3 22	20 57	0 38	17 36	0 24	0 4	1 29	23 52	0 11	24 11	0 23	15 1	1 42	19 41	17 16	13 17	13 5	12 44		n.a.	S 19
S 20	17 32	18 41	4 47	7 14	3 15	21 15	0 41	17 48	0 25	0 3	1 28	23 52	0 11	24 11	0 23	15 1	1 42	19 41	17 15	13 16	13 3	12 45		n.a.	S 20
M21	17 48	16 51	5 9	7 43	3 7	21 33	0 43	18 0	0 25	0 2	1 28	23 53	0 11	24 12	0 23	15 0	1 42	19 41	17 15	13 15	13 2	12 47		n.a.	M21
T 22	18 3	14 10	5 17	8 14	2 59	21 50	0 45	18 11	0 26	0 1	1 28	23 53	0 11	24 12	0 23	15 0	1 42	19 41	17 14	13 15	13 1	12 48		n.a.	T 22
W23	18 19	10 42	5 8	8 46	2 51	22 6	0 47	18 23	0 26	0n 0	1 28	23 53	0 11	24 12	0 23	15 0	1 42	19 41	17 14	13 15	13 0	12 50		n.a.	W23
T 24	18 34	6 36	4 42	9 21	2 41	22 22	0 49	18 34	0 27	0 1	1 27	23 53	0 12	24 12	0 23	14 59	1 42	19 40	17 13	13 15	12 59	12 51		n.a.	T 24
F 25	18 49	2 2	3 59	9 56	2 32	22 37	0 51	18 45	0 27	0 2	1 27	23 53	0 12	24 12	0 23	14 59	1 42	19 40	17 13	13 15	12 58	12 53		n.a.	F 25
S 26	19 3	2n46	3 0	10 34	2 21	22 51	0 54	18 56	0 28	0 3	1 27	23 54	0 12	24 12	0 23	14 58	1 42	19 40	17 12	13 16	12 57	12 54		n.a.	S 26
S 27	19 17	7 32	1 48	11 12	2 11	23 5	0 56	19 7	0 28	0 4	1 26	23 54	0 12	24 12	0 23	14 58	1 42	19 39	17 12	13 16	12 56	12 56		n.a.	S 27
M28	19 31	11 56	0 28	11 52	2 0	23 18	0 58	19 18	0 29	0 4	1 26	23 54	0 12	24 12	0 23	14 57	1 42	19 39	17 11	13 16	12 55	12 57		n.a.	M28
T 29	19 45	15 36	0s55	12 33	1 49	23 31	1 0	19 28	0 30	0 5	1 26	23 54	0 12	24 12	0 23	14 57	1 42	19 39	17 10	13 16	12 54	12 58		n.a.	T 29
W30	19 58	18 13	2 14	13 14	1 37	23 42	1 1	19 39	0 30	0 5	1 26	23 55	0 12	24 12	0 23	14 56	1 42	19 38	17 10	13 16	12 52	13 0		n.a.	W30
T 31	20n11	19n33	3s23	13n57	1s25	23n54	1n 3	19n49	0n31	0n 6	1n25	23s55	0s12	24n12	0n23	14s56	1n42	19n38	17n 9	13s15	12s51	13s 1		n.a.	T 31

Julian Day Number = 1362137.5, Delta T = 06h58m01s
Ecliptic obliquity = 23°48'38, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°39'21, Lahiri = -17°32'21 Julian Calendar 1 May 984 BCE == Greg. Calendar 22 Apr. 984 BCE

The year -983 astronomical counting style corresponds to year 984 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 984 BCE
geocentric

JUNE 984 BCE (-983) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 59 46	29♉39'58	29♊20	12♉29	15♊19	25♉42	2°R57	5°R 7	28♊59	14°R53	20°R 7	4°R32	3♏24	4♏12	n.a.	F 1
S 2	16 3 43	0♊37'04	13♋38	14°14	16°32	26°21	2♎56	5♑ 3	29° 2	14♏51	20♍ 7	4♏29	3°20	4°19	n.a.	S 2
S 3	16 7 39	1°34'11	27°30	16° 2	17°46	27° 0	2°54	5° 0	29° 6	14°50	20° 7	4°25	3°17	4°25	n.a.	S 3
M 4	16 11 36	2°31'18	10♌55	17°52	18°59	27°39	2°53	4°57	29° 9	14°48	20° 7	4°23	3°14	4°32	n.a.	M 4
T 5	16 15 32	3°28'25	23°53	19°46	20°13	28°19	2°53	4°53	29°12	14°46	20° 6	4°21	3°11	4°39	n.a.	T 5
W 6	16 19 29	4°25'32	6♍29	21°42	21°26	28°58	2°52	4°50	29°16	14°45	20° 6	4°D21	3° 8	4°45	n.a.	W 6
T 7	16 23 25	5°22'39	18°45	23°41	22°40	29°37	2°51	4°46	29°19	14°43	20° 6	4°22	3° 5	4°52	n.a.	T 7
F 8	16 27 22	6°19'47	0♎48	25°42	23°53	0♊16	2°51	4°43	29°23	14°42	20° 6	4°23	3° 1	4°59	n.a.	F 8
S 9	16 31 19	7°16'55	12°40	27°45	25° 6	0°55	2°D51	4°39	29°26	14°41	20° 6	4°25	2°58	5° 5	n.a.	S 9
S 10	16 35 15	8°14'03	24°29	29°49	26°20	1°34	2°51	4°35	29°30	14°39	20°D 6	4°26	2°55	5°12	n.a.	S 10
M11	16 39 12	9°11'11	6♏16	1♊55	27°33	2°13	2°51	4°31	29°33	14°38	20° 6	4°R26	2°52	5°18	n.a.	M11
T 12	16 43 8	10° 8'20	18° 6	4° 1	28°47	2°52	2°52	4°28	29°37	14°36	20° 6	4°26	2°49	5°25	n.a.	T 12
W13	16 47 5	11° 5'30	0♐ 2	6° 9	0♋ 0	3°31	2°52	4°24	29°40	14°35	20° 6	4°23	2°46	5°32	n.a.	W13
T 14	16 51 1	12° 2'40	12° 5	8°16	1°14	4°10	2°53	4°20	29°44	14°33	20° 6	4°19	2°42	5°38	n.a.	T 14
F 15	16 54 58	12°59'51	24°19	10°24	2°27	4°49	2°54	4°16	29°48	14°32	20° 6	4°13	2°39	5°45	n.a.	F 15
S 16	16 58 55	13°57'03	6♑43	12°31	3°40	5°28	2°55	4°12	29°51	14°31	20° 7	4° 6	2°36	5°52	n.a.	S 16
S 17	17 2 51	14°54'15	19°19	14°39	4°54	6° 6	2°56	4° 8	29°55	14°29	20° 7	3°59	2°33	5°58	n.a.	S 17
M18	17 6 48	15°51'29	2♒ 8	16°45	6° 7	6°45	2°58	4° 4	29°58	14°28	20° 7	3°53	2°30	6° 5	n.a.	M18
T 19	17 10 44	16°48'43	15°10	18°51	7°21	7°24	3° 0	3°59	0♋ 2	14°27	20° 7	3°47	2°26	6°12	n.a.	T 19
W20	17 14 41	17°45'59	28°27	20°55	8°34	8° 3	3° 1	3°55	0° 6	14°25	20° 8	3°44	2°23	6°18	n.a.	W20
T 21	17 18 37	18°43'16	11♓59	22°59	9°47	8°42	3° 3	3°51	0° 9	14°24	20° 8	3°42	2°20	6°25	n.a.	T 21
F 22	17 22 34	19°40'34	25°47	25° 1	11° 1	9°20	3° 6	3°47	0°13	14°23	20° 9	3°D42	2°17	6°32	n.a.	F 22
S 23	17 26 30	20°37'53	9♈52	27° 2	12°14	9°59	3° 8	3°42	0°17	14°22	20° 9	3°43	2°14	6°38	n.a.	S 23
S 24	17 30 27	21°35'14	24°12	29° 1	13°27	10°38	3°11	3°38	0°20	14°20	20°10	3°44	2°11	6°45	n.a.	S 24
M25	17 34 24	22°32'36	8♉47	0♋59	14°41	11°16	3°13	3°34	0°24	14°19	20°10	3°R44	2° 7	6°51	n.a.	M25
T 26	17 38 20	23°29'59	23°31	2°56	15°54	11°55	3°16	3°29	0°28	14°18	20°11	3°43	2° 4	6°58	n.a.	T 26
W27	17 42 17	24°27'24	8♊19	4°51	17° 7	12°34	3°19	3°25	0°31	14°17	20°11	3°39	2° 1	7° 5	n.a.	W27
T 28	17 46 13	25°24'49	23° 3	6°44	18°21	13°12	3°23	3°20	0°35	14°16	20°12	3°33	1°58	7°11	n.a.	T 28
F 29	17 50 10	26°22'16	7♋37	8°36	19°34	13°51	3°26	3°16	0°39	14°15	20°12	3°26	1°55	7°18	n.a.	F 29
S 30	17 54 6	27♊19'45	21♋52	10♋26	20♋47	14♊29	3♎30	3♑12	0♋43	14♏14	20♍13	3♏17	1♏52	7♏25	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n24	19n31	4s17	14n40	1s13	24n 4	1n 5	19n59	0n31	0n 6	1n25	23s55	0s12	24n12	0n23	14s56	1n42	19n38	17n 9	13s14	12s50	13s 3		n.a.
S 2	20 36	18 14	4 54	15 23	1 1	24 14	1 7	20 9	0 32	0 7	1 25	23 55	0 13	24 12	0 23	14 55	1 42	19 37	17 8	13 13	12 49	13 4		n.a.
S 3	20 48	15 53	5 12	16 6	0 49	24 23	1 9	20 19	0 32	0 7	1 24	23 55	0 13	24 12	0 23	14 55	1 42	19 37	17 8	13 12	12 48	13 6		n.a.
M 4	20 59	12 46	5 12	16 50	0 37	24 31	1 10	20 28	0 33	0 7	1 24	23 56	0 13	24 12	0 23	14 54	1 42	19 36	17 7	13 11	12 47	13 7		n.a.
T 5	21 10	9 7	4 56	17 33	0 25	24 38	1 12	20 38	0 33	0 7	1 24	23 56	0 13	24 12	0 23	14 54	1 42	19 36	17 6	13 10	12 46	13 9		n.a.
W 6	21 21	5 9	4 26	18 15	0 13	24 45	1 14	20 47	0 34	0 7	1 23	23 56	0 13	24 12	0 23	14 53	1 42	19 35	17 6	13 10	12 45	13 10		n.a.
T 7	21 32	1 5	3 45	18 57	0 2	24 51	1 15	20 56	0 34	0 7	1 23	23 56	0 13	24 12	0 23	14 53	1 42	19 35	17 5	13 10	12 44	13 11		n.a.
F 8	21 42	2s58	2 54	19 38	0n 9	24 57	1 17	21 5	0 35	0 7	1 23	23 57	0 13	24 12	0 23	14 53	1 42	19 34	17 5	13 11	12 43	13 13		n.a.
S 9	21 52	6 52	1 56	20 18	0 20	25 1	1 18	21 14	0 35	0 7	1 22	23 57	0 13	24 12	0 23	14 52	1 42	19 34	17 4	13 11	12 41	13 14		n.a.
S 10	22 1	10 28	0 54	20 56	0 31	25 5	1 20	21 23	0 36	0 6	1 22	23 57	0 13	24 12	0 23	14 52	1 42	19 33	17 4	13 12	12 40	13 16		n.a.
M11	22 10	13 40	0n10	21 32	0 41	25 8	1 21	21 31	0 36	0 6	1 22	23 57	0 13	24 12	0 23	14 51	1 42	19 33	17 3	13 12	12 39	13 17		n.a.
T 12	22 19	16 18	1 14	22 6	0 50	25 11	1 22	21 39	0 37	0 5	1 22	23 58	0 14	24 12	0 23	14 51	1 42	19 32	17 2	13 12	12 38	13 19		n.a.
W13	22 27	18 16	2 15	22 38	0 59	25 12	1 24	21 47	0 37	0 5	1 21	23 58	0 14	24 12	0 23	14 51	1 42	19 32	17 2	13 11	12 37	13 20		n.a.
T 14	22 35	19 26	3 11	23 8	1 7	25 13	1 25	21 55	0 38	0 4	1 21	23 58	0 14	24 12	0 23	14 50	1 42	19 31	17 1	13 9	12 36	13 21		n.a.
F 15	22 43	19 43	3 58	23 35	1 15	25 13	1 26	22 3	0 38	0 4	1 21	23 58	0 14	24 12	0 23	14 50	1 42	19 31	17 1	13 7	12 35	13 23		n.a.
S 16	22 50	19 3	4 35	24 0	1 21	25 12	1 27	22 11	0 39	0 3	1 20	23 59	0 14	24 12	0 23	14 49	1 42	19 30	17 0	13 5	12 34	13 24		n.a.
S 17	22 56	17 27	5 0	24 21	1 27	25 11	1 28	22 18	0 39	0 2	1 20	23 59	0 14	24 12	0 23	14 49	1 42	19 29	16 59	13 3	12 33	13 26		n.a.
M18	23 3	14 58	5 9	24 41	1 33	25 9	1 29	22 25	0 40	0 1	1 20	23 59	0 14	24 12	0 23	14 49	1 42	19 29	16 59	13 0	12 32	13 27		n.a.
T 19	23 9	11 42	5 4	24 57	1 37	25 6	1 30	22 33	0 40	0 0	1 19	23 59	0 14	24 12	0 23	14 48	1 42	19 28	16 58	12 59	12 30	13 28		n.a.
W20	23 14	7 48	4 41	25 11	1 41	25 2	1 31	22 39	0 41	0s 1	1 19	23 59	0 14	24 12	0 23	14 48	1 42	19 27	16 58	12 57	12 29	13 30		n.a.
T 21	23 19	3 26	4 3	25 22	1 44	24 58	1 31	22 46	0 41	0 2	1 19	24 0	0 14	24 12	0 23	14 48	1 41	19 27	16 57	12 57	12 28	13 31		n.a.
F 22	23 24	1n13	3 11	25 30	1 47	24 52	1 32	22 53	0 42	0 3	1 18	24 0	0 15	24 12	0 23	14 47	1 41	19 26	16 56	12 57	12 27	13 33		n.a.
S 23	23 28	5 53	2 6	25 35	1 49	24 46	1 33	22 59	0 42	0 4	1 18	24 0	0 15	24 12	0 23	14 47	1 41	19 25	16 56	12 57	12 26	13 34		n.a.
S 24	23 32	10 19	0 51	25 38	1 50	24 40	1 33	23 5	0 43	0 6	1 18	24 0	0 15	24 12	0 23	14 47	1 41	19 24	16 55	12 57	12 25	13 35		n.a.
M25	23 36	14 13	0s27	25 39	1 50	24 32	1 34	23 11	0 43	0 7	1 18	24 1	0 15	24 12	0 24	14 46	1 41	19 24	16 55	12 57	12 24	13 37		n.a.
T 26	23 39	17 15	1 45	25 37	1 50	24 24	1 34	23 17	0 44	0 8	1 17	24 1	0 15	24 12	0 24	14 46	1 41	19 23	16 54	12 57	12 23	13 38		n.a.
W27	23 42	19 9	2 55	25 33	1 50	24 15	1 34	23 23	0 44	0 10	1 17	24 1	0 15	24 12	0 24	14 46	1 41	19 22	16 53	12 56	12 22	13 39		n.a.
T 28	23 44	19 44	3 54	25 26	1 48	24 6	1 35	23 28	0 45	0 12	1 17	24 1	0 15	24 12	0 24	14 45	1 41	19 21	16 53	12 54	12 20	13 41		n.a.
F 29	23 46	19 0	4 36	25 18	1 47	23 55	1 35	23 34	0 45	0 13	1 16	24 1	0 15	24 12	0 24	14 45	1 41	19 21	16 52	12 51	12 19	13 42		n.a.
S 30	23n47	17n 4	5s 0	25n 7	1n44	23n44	1n35	23n39	0n45	0s15	1n16	24s 2	0s15	24n12	0n24	14s45	1n41	19n20	16n52	12s48	12s18	13s44		n.a.

Julian Day Number = 1362168.5, Delta T = 06h57m59s
Ecliptic obliquity = 23°48'37, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°39'17, Lahiri = -17°32'16 Julian Calendar 1 June 984 BCE == Greg. Calendar 23 May 984 BCE

The year -983 astronomical counting style corresponds to year 984 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 984 BCE
geocentric

JULY 984 BCE (-983) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 58 3	28♊17'14	5♌44	12♋15	22♋ 1	15♊ 8	3♎33	3°R 7	0♋46	14°R13	20♍14	3°R 9	1♏48	7♏31	n.a.	S 1
M 2	18 1 59	29°14'44	19°10	14° 2	23°14	15°46	3°37	3♉ 3	0°50	14♏12	20°15	3♏ 1	1°45	7°38	n.a.	M 2
T 3	18 5 56	0♋12'15	2♍11	15°47	24°27	16°25	3°41	2°58	0°54	14°11	20°15	2°56	1°42	7°45	n.a.	T 3
W 4	18 9 53	1° 9'47	14°48	17°32	25°41	17° 3	3°46	2°54	0°57	14°10	20°16	2°52	1°39	7°51	n.a.	W 4
T 5	18 13 49	2° 7'20	27° 6	19°14	26°54	17°42	3°50	2°49	1° 1	14° 9	20°17	2°D51	1°36	7°58	n.a.	T 5
F 6	18 17 46	3° 4'55	9♎ 8	20°55	28° 7	18°20	3°55	2°45	1° 5	14° 8	20°18	2°51	1°32	8° 5	n.a.	F 6
S 7	18 21 42	4° 2'30	21° 0	22°34	29°20	18°59	3°59	2°40	1° 9	14° 7	20°19	2°52	1°29	8°11	n.a.	S 7
S 8	18 25 39	5° 0'07	2♏48	24°12	0♌33	19°37	4° 4	2°36	1°12	14° 6	20°20	2°R52	1°26	8°18	n.a.	S 8
M 9	18 29 35	5°57'44	14°37	25°49	1°47	20°15	4° 9	2°31	1°16	14° 5	20°21	2°52	1°23	8°25	n.a.	M 9
T 10	18 33 32	6°55'23	26°31	27°24	3° 0	20°54	4°14	2°27	1°20	14° 4	20°22	2°49	1°20	8°31	n.a.	T 10
W11	18 37 28	7°53'04	8♐33	28°57	4°13	21°32	4°20	2°22	1°23	14° 3	20°23	2°44	1°17	8°38	n.a.	W11
T 12	18 41 25	8°50'46	20°48	0♌29	5°26	22°10	4°25	2°18	1°27	14° 3	20°24	2°36	1°13	8°44	n.a.	T 12
F 13	18 45 22	9°48'29	3♑15	2° 0	6°39	22°49	4°31	2°13	1°31	14° 2	20°25	2°26	1°10	8°51	n.a.	F 13
S 14	18 49 18	10°46'14	15°57	3°29	7°52	23°27	4°37	2° 9	1°34	14° 1	20°26	2°15	1° 7	8°58	n.a.	S 14
S 15	18 53 15	11°44'00	28°53	4°56	9° 5	24° 5	4°43	2° 4	1°38	14° 1	20°27	2° 3	1° 4	9° 4	n.a.	S 15
M16	18 57 11	12°41'48	12♒ 2	6°22	10°18	24°43	4°49	2° 0	1°42	14° 0	20°28	1°52	1° 1	9°11	n.a.	M16
T 17	19 1 8	13°39'38	25°23	7°46	11°31	25°22	4°55	1°56	1°45	13°59	20°30	1°43	0°58	9°18	n.a.	T 17
W18	19 5 4	14°37'30	8♓55	9° 9	12°45	26° 0	5° 2	1°51	1°49	13°59	20°31	1°36	0°54	9°24	n.a.	W18
T 19	19 9 1	15°35'23	22°37	10°30	13°58	26°38	5° 8	1°47	1°53	13°58	20°32	1°32	0°51	9°31	n.a.	T 19
F 20	19 12 57	16°33'19	6♈27	11°49	15°11	27°16	5°15	1°43	1°56	13°58	20°33	1°30	0°48	9°38	n.a.	F 20
S 21	19 16 54	17°31'16	20°27	13° 7	16°23	27°54	5°22	1°38	2° 0	13°57	20°35	1°D30	0°45	9°44	n.a.	S 21
S 22	19 20 51	18°29'16	4♉36	14°23	17°36	28°32	5°29	1°34	2° 4	13°57	20°36	1°R30	0°42	9°51	n.a.	S 22
M23	19 24 47	19°27'18	18°52	15°37	18°49	29°11	5°36	1°30	2° 7	13°56	20°38	1°29	0°38	9°58	n.a.	M23
T 24	19 28 44	20°25'22	3♊13	16°49	20° 2	29°49	5°43	1°26	2°11	13°56	20°39	1°26	0°35	10° 4	n.a.	T 24
W25	19 32 40	21°23'28	17°37	17°59	21°15	0♋27	5°50	1°22	2°14	13°55	20°40	1°21	0°32	10°11	n.a.	W25
T 26	19 36 37	22°21'36	1♋59	19° 8	22°28	1° 5	5°58	1°18	2°18	13°55	20°42	1°12	0°29	10°18	n.a.	T 26
F 27	19 40 33	23°19'46	16°13	20°14	23°41	1°43	6° 6	1°14	2°22	13°55	20°43	1° 2	0°26	10°24	n.a.	F 27
S 28	19 44 30	24°17'57	0♌12	21°17	24°54	2°21	6°13	1°10	2°25	13°54	20°45	0°50	0°23	10°31	n.a.	S 28
S 29	19 48 26	25°16'11	13°54	22°19	26° 7	2°59	6°21	1° 6	2°29	13°54	20°47	0°38	0°19	10°38	n.a.	S 29
M30	19 52 23	26°14'26	27°14	23°18	27°19	3°37	6°29	1° 2	2°32	13°54	20°48	0°27	0°16	10°44	n.a.	M30
T 31	19 56 20	27♋12'43	10♍11	24♌14	28♌32	4♋15	6♎37	0♉58	2♋36	13♏54	20♍50	0♏18	0♏13	10♏51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23n48	14n11	5s 6	24n55	1n41	23n32	1n35	23n44	0n46	0s17	1n16	24s 2	0s15	24n12	0n24	14s45	1n41	19n19	16n51	12s45	12s17	13s45		n.a.	S 1
M 2	23 48	10 39	4 54	24 41	1 38	23 20	1 35	23 48	0 46	0 19	1 15	24 2	0 16	24 12	0 24	14 44	1 41	19 18	16 51	12 43	12 16	13 46		n.a.	M 2
T 3	23 49	6 42	4 28	24 25	1 34	23 7	1 35	23 53	0 47	0 21	1 15	24 2	0 16	24 12	0 24	14 44	1 41	19 17	16 50	12 41	12 15	13 48		n.a.	T 3
W 4	23 48	2 34	3 49	24 8	1 30	22 53	1 35	23 57	0 47	0 22	1 15	24 2	0 16	24 12	0 24	14 44	1 41	19 17	16 49	12 39	12 14	13 49		n.a.	W 4
T 5	23 48	1s34	3 0	23 49	1 25	22 39	1 34	24 1	0 48	0 25	1 15	24 3	0 16	24 12	0 24	14 44	1 41	19 16	16 49	12 39	12 13	13 50		n.a.	T 5
F 6	23 46	5 34	2 4	23 29	1 20	22 24	1 34	24 5	0 48	0 27	1 14	24 3	0 16	24 12	0 24	14 43	1 41	19 15	16 48	12 39	12 11	13 52		n.a.	F 6
S 7	23 45	9 18	1 3	23 7	1 15	22 8	1 34	24 9	0 49	0 29	1 14	24 3	0 16	24 12	0 24	14 43	1 41	19 14	16 48	12 39	12 10	13 53		n.a.	S 7
S 8	23 43	12 38	0 0	22 44	1 9	21 52	1 33	24 13	0 49	0 31	1 14	24 3	0 16	24 12	0 24	14 43	1 41	19 13	16 47	12 39	12 9	13 54		n.a.	S 8
M 9	23 40	15 29	1n 2	22 21	1 3	21 35	1 33	24 16	0 50	0 33	1 13	24 3	0 16	24 12	0 24	14 43	1 41	19 12	16 47	12 39	12 8	13 56		n.a.	M 9
T 10	23 38	17 41	2 3	21 56	0 57	21 17	1 32	24 20	0 50	0 36	1 13	24 4	0 16	24 12	0 24	14 43	1 41	19 11	16 46	12 38	12 7	13 57		n.a.	T 10
W11	23 34	19 8	2 58	21 30	0 50	20 59	1 31	24 23	0 51	0 38	1 13	24 4	0 16	24 12	0 24	14 42	1 41	19 10	16 45	12 36	12 6	13 58		n.a.	W11
T 12	23 31	19 43	3 46	21 3	0 43	20 40	1 31	24 25	0 51	0 41	1 13	24 4	0 16	24 12	0 24	14 42	1 40	19 9	16 45	12 34	12 5	14 0		n.a.	T 12
F 13	23 26	19 22	4 25	20 36	0 36	20 21	1 30	24 28	0 52	0 43	1 12	24 4	0 17	24 12	0 24	14 42	1 40	19 8	16 44	12 30	12 4	14 1		n.a.	F 13
S 14	23 22	18 2	4 50	20 8	0 28	20 1	1 29	24 31	0 52	0 46	1 12	24 4	0 17	24 12	0 24	14 42	1 40	19 7	16 44	12 26	12 3	14 2		n.a.	S 14
S 15	23 17	15 47	5 2	19 39	0 20	19 40	1 28	24 33	0 52	0 48	1 12	24 4	0 17	24 12	0 24	14 42	1 40	19 7	16 43	12 22	12 1	14 4		n.a.	S 15
M16	23 12	12 41	4 58	19 10	0 12	19 19	1 27	24 35	0 53	0 51	1 11	24 5	0 17	24 12	0 24	14 42	1 40	19 6	16 43	12 18	12 0	14 5		n.a.	M16
T 17	23 6	8 55	4 37	18 41	0 4	18 58	1 26	24 37	0 53	0 54	1 11	24 5	0 17	24 12	0 24	14 41	1 40	19 5	16 42	12 15	11 59	14 6		n.a.	T 17
W18	23 0	4 38	4 1	18 11	0s 4	18 36	1 24	24 39	0 54	0 57	1 11	24 5	0 17	24 12	0 24	14 41	1 40	19 4	16 42	12 13	11 58	14 8		n.a.	W18
T 19	22 53	0 4	3 11	17 40	0 13	18 13	1 23	24 40	0 54	1 0	1 11	24 5	0 17	24 12	0 24	14 41	1 40	19 3	16 41	12 11	11 57	14 9		n.a.	T 19
F 20	22 46	4n34	2 9	17 10	0 22	17 50	1 22	24 42	0 55	1 3	1 10	24 5	0 17	24 11	0 24	14 41	1 40	19 2	16 41	12 11	11 56	14 10		n.a.	F 20
S 21	22 39	9 0	0 58	16 39	0 31	17 27	1 20	24 43	0 55	1 6	1 10	24 5	0 17	24 11	0 24	14 41	1 40	19 1	16 40	12 11	11 55	14 12		n.a.	S 21
S 22	22 31	13 0	0s16	16 8	0 40	17 3	1 19	24 44	0 56	1 9	1 10	24 5	0 17	24 11	0 24	14 41	1 40	19 0	16 40	12 11	11 54	14 13		n.a.	S 22
M23	22 22	16 15	1 31	15 37	0 49	16 38	1 17	24 44	0 56	1 12	1 10	24 6	0 17	24 11	0 24	14 41	1 40	18 59	16 39	12 10	11 52	14 14		n.a.	M23
T 24	22 14	18 31	2 40	15 7	0 58	16 13	1 16	24 45	0 56	1 15	1 9	24 6	0 18	24 11	0 24	14 41	1 40	18 57	16 39	12 9	11 51	14 15		n.a.	T 24
W25	22 5	19 36	3 38	14 36	1 8	15 48	1 14	24 45	0 57	1 18	1 9	24 6	0 18	24 11	0 24	14 41	1 40	18 56	16 38	12 7	11 50	14 17		n.a.	W25
T 26	21 55	19 25	4 23	14 6	1 17	15 22	1 12	24 46	0 57	1 21	1 9	24 6	0 18	24 11	0 24	14 41	1 40	18 55	16 38	12 4	11 49	14 18		n.a.	T 26
F 27	21 46	18 0	4 51	13 36	1 27	14 56	1 10	24 46	0 58	1 25	1 9	24 6	0 18	24 11	0 24	14 41	1 40	18 54	16 37	12 1	11 48	14 19		n.a.	F 27
S 28	21 35	15 31	5 1	13 6	1 37	14 30	1 8	24 46	0 58	1 28	1 8	24 6	0 18	24 11	0 24	14 41	1 40	18 53	16 37	11 56	11 47	14 21		n.a.	S 28
S 29	21 25	12 14	4 53	12 37	1 46	14 3	1 6	24 45	0 59	1 31	1 8	24 6	0 18	24 11	0 24	14 41	1 39	18 52	16 36	11 52	11 46	14 22		n.a.	S 29
M30	21 14	8 25	4 29	12 9	1 56	13 36	1 4	24 45	0 59	1 35	1 8	24 6	0 18	24 11	0 24	14 41	1 39	18 51	16 36	11 48	11 45	14 23		n.a.	M30
T 31	21n 2	4n18	3s52	11n41	2s 6	13n 8	1n 2	24n44	0n59	1s38	1n 8	24s 6	0s18	24n11	0n24	14s41	1n39	18n50	16n35	11s45	11s43	14s24		n.a.	T 31

Julian Day Number = 1362198.5, Delta T = 06h57m58s
Ecliptic obliquity = 23°48'37, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°39'13, Lahiri = -17°32'12 Julian Calendar 1 July 984 BCE == Greg. Calendar 22 June 984 BCE

The year -983 astronomical counting style corresponds to year 984 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 984 BCE
geocentric

AUGUST 984 BCE (-983) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 0 16	28♋11'02	22♍47	25♌ 7	29♌45	4♋53	6♎46	0°R54	2♋39	13°R54	20♍51	0°R12	0♏10	10♏57	n.a.	W 1
T 2	20 4 13	29° 9'23	5♎ 4	25°57	0♍58	5°31	6°54	0♉51	2°42	13♏53	20°53	0♏ 8	0° 7	11° 4	n.a.	T 2
F 3	20 8 9	0♌ 7'45	17° 6	26°44	2°10	6° 9	7° 3	0°47	2°46	13°53	20°55	0° 7	0° 3	11°11	n.a.	F 3
S 4	20 12 6	1° 6'09	28°59	27°27	3°23	6°47	7°11	0°44	2°49	13°53	20°57	0° 6	0° 0	11°17	n.a.	S 4
S 5	20 16 2	2° 4'35	10♏47	28° 7	4°36	7°25	7°20	0°40	2°53	13°D53	20°58	0° 6	29♎57	11°24	n.a.	S 5
M 6	20 19 59	3° 3'03	22°37	28°42	5°48	8° 2	7°29	0°37	2°56	13°53	21° 0	0° 5	29°54	11°31	n.a.	M 6
T 7	20 23 55	4° 1'32	4♐33	29°13	7° 1	8°40	7°38	0°33	2°59	13°53	21° 2	0° 2	29°51	11°37	n.a.	T 7
W 8	20 27 52	5° 0'03	16°41	29°40	8°14	9°18	7°47	0°30	3° 3	13°53	21° 4	29♎57	29°48	11°44	n.a.	W 8
T 9	20 31 49	5°58'36	29° 3	0♍ 1	9°26	9°56	7°56	0°27	3° 6	13°53	21° 6	29°49	29°44	11°51	n.a.	T 9
F 10	20 35 45	6°57'11	11♑43	0°18	10°39	10°34	8° 6	0°23	3° 9	13°54	21° 7	29°38	29°41	11°57	n.a.	F 10
S 11	20 39 42	7°55'48	24°42	0°28	11°51	11°12	8°15	0°20	3°12	13°54	21° 9	29°26	29°38	12° 4	n.a.	S 11
S 12	20 43 38	8°54'27	7♒58	0°R33	13° 3	11°49	8°25	0°17	3°16	13°54	21°11	29°14	29°35	12°11	n.a.	S 12
M13	20 47 35	9°53'08	21°31	0°31	14°16	12°27	8°34	0°14	3°19	13°54	21°13	29° 2	29°32	12°17	n.a.	M13
T 14	20 51 31	10°51'51	5♓16	0°23	15°28	13° 5	8°44	0°12	3°22	13°54	21°15	28°51	29°29	12°24	n.a.	T 14
W15	20 55 28	11°50'37	19°12	0° 7	16°40	13°43	8°54	0° 9	3°25	13°55	21°17	28°44	29°25	12°31	n.a.	W15
T 16	20 59 24	12°49'24	3♈13	29♌45	17°53	14°20	9° 4	0° 6	3°28	13°55	21°19	28°39	29°22	12°37	n.a.	T 16
F 17	21 3 21	13°48'14	17°18	29°15	19° 5	14°58	9°14	0° 3	3°31	13°55	21°21	28°37	29°19	12°44	n.a.	F 17
S 18	21 7 17	14°47'07	1♉25	28°38	20°17	15°36	9°24	0° 1	3°34	13°56	21°23	28°D37	29°16	12°50	n.a.	S 18
S 19	21 11 14	15°46'02	15°32	27°54	21°29	16°13	9°34	29♐58	3°37	13°56	21°25	28°R37	29°13	12°57	n.a.	S 19
M20	21 15 11	16°45'00	29°38	27° 4	22°42	16°51	9°45	29°56	3°40	13°57	21°27	28°36	29° 9	13° 4	n.a.	M20
T 21	21 19 7	17°44'00	13♊42	26° 8	23°54	17°29	9°55	29°54	3°43	13°57	21°29	28°34	29° 6	13°10	n.a.	T 21
W22	21 23 4	18°43'02	27°43	25° 6	25° 6	18° 6	10° 6	29°52	3°46	13°58	21°32	28°29	29° 3	13°17	n.a.	W22
T 23	21 27 0	19°42'07	11♋39	24° 1	26°18	18°44	10°16	29°49	3°49	13°58	21°34	28°21	29° 0	13°24	n.a.	T 23
F 24	21 30 57	20°41'14	25°27	22°54	27°30	19°22	10°27	29°47	3°52	13°59	21°36	28°12	28°57	13°30	n.a.	F 24
S 25	21 34 53	21°40'24	9♌ 3	21°46	28°42	19°59	10°38	29°46	3°54	14° 0	21°38	28° 0	28°54	13°37	n.a.	S 25
S 26	21 38 50	22°39'36	22°24	20°39	29°54	20°37	10°49	29°44	3°57	14° 0	21°40	27°49	28°50	13°44	n.a.	S 26
M27	21 42 46	23°38'49	5♍28	19°34	1♎ 6	21°14	11° 0	29°42	4° 0	14° 1	21°42	27°39	28°47	13°50	n.a.	M27
T 28	21 46 43	24°38'05	18°15	18°34	2°17	21°52	11°11	29°40	4° 3	14° 2	21°45	27°30	28°44	13°57	n.a.	T 28
W29	21 50 39	25°37'24	0♎44	17°40	3°29	22°29	11°22	29°39	4° 5	14° 2	21°47	27°24	28°41	14° 4	n.a.	W29
T 30	21 54 36	26°36'44	12°57	16°54	4°41	23° 7	11°33	29°37	4° 8	14° 3	21°49	27°21	28°38	14°10	n.a.	T 30
F 31	21 58 33	27♌36'06	24♎58	16♌17	5♎53	23♋45	11♎44	29♐36	4♋11	14♏ 4	21♍51	27°D20	28♎35	14♏17	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	20n51	0n 6	3s 4	11n14	2s15	12n40	1n 0	24n43	1n 0	1s42	1n 7	24s 7	0s18	24n11	0n24	14s41	1n39	18n49	16n35	11s43	11s42	14s26			n.a.
T 2	20 39	4s 0	2 9	10 48	2 25	12 12	0 58	24 42	1 0	1 45	1 7	24 7	0 18	24 11	0 24	14 41	1 39	18 48	16 34	11 42	11 41	14 27			n.a.
F 3	20 26	7 52	1 8	10 23	2 34	11 43	0 55	24 41	1 1	1 49	1 7	24 7	0 18	24 11	0 24	14 41	1 39	18 47	16 34	11 41	11 40	14 28			n.a.
S 4	20 13	11 22	0 6	10 0	2 43	11 15	0 53	24 39	1 1	1 53	1 7	24 7	0 18	24 11	0 24	14 41	1 39	18 46	16 33	11 41	11 39	14 29			n.a.
S 5	20 0	14 24	0n56	9 37	2 52	10 45	0 51	24 37	1 2	1 56	1 6	24 7	0 18	24 11	0 24	14 41	1 39	18 45	16 33	11 41	11 38	14 31			n.a.
M 6	19 47	16 50	1 56	9 17	3 1	10 16	0 48	24 36	1 2	2 0	1 6	24 7	0 19	24 11	0 24	14 41	1 39	18 43	16 33	11 41	11 37	14 32			n.a.
T 7	19 33	18 34	2 52	8 58	3 9	9 46	0 46	24 34	1 2	2 4	1 6	24 7	0 19	24 11	0 24	14 41	1 39	18 42	16 32	11 40	11 35	14 33			n.a.
W 8	19 19	19 29	3 40	8 41	3 18	9 17	0 43	24 31	1 3	2 8	1 6	24 7	0 19	24 11	0 24	14 41	1 39	18 41	16 32	11 38	11 34	14 34			n.a.
T 9	19 4	19 29	4 19	8 26	3 25	8 46	0 40	24 29	1 3	2 12	1 5	24 7	0 19	24 10	0 24	14 41	1 39	18 40	16 31	11 35	11 33	14 36			n.a.
F 10	18 49	18 32	4 47	8 14	3 32	8 16	0 38	24 26	1 4	2 16	1 5	24 7	0 19	24 10	0 24	14 41	1 39	18 39	16 31	11 31	11 32	14 37			n.a.
S 11	18 34	16 36	5 0	8 4	3 39	7 46	0 35	24 24	1 4	2 20	1 5	24 7	0 19	24 10	0 24	14 41	1 39	18 38	16 31	11 27	11 31	14 38			n.a.
S 12	18 19	13 46	4 57	7 57	3 45	7 15	0 32	24 21	1 5	2 24	1 5	24 8	0 19	24 10	0 24	14 41	1 39	18 37	16 30	11 22	11 30	14 39			n.a.
M13	18 3	10 10	4 38	7 53	3 49	6 44	0 29	24 18	1 5	2 28	1 5	24 8	0 19	24 10	0 24	14 42	1 39	18 36	16 30	11 18	11 29	14 41			n.a.
T 14	17 47	5 58	4 3	7 53	3 53	6 13	0 26	24 14	1 5	2 32	1 4	24 8	0 19	24 10	0 24	14 42	1 38	18 35	16 29	11 14	11 27	14 42			n.a.
W15	17 30	1 23	3 13	7 55	3 56	5 42	0 23	24 11	1 6	2 36	1 4	24 8	0 19	24 10	0 24	14 42	1 38	18 33	16 29	11 11	11 26	14 43			n.a.
T 16	17 13	3n17	2 10	8 2	3 58	5 10	0 20	24 7	1 6	2 40	1 4	24 8	0 19	24 10	0 24	14 42	1 38	18 32	16 29	11 10	11 25	14 44			n.a.
F 17	16 56	7 49	1 0	8 12	3 58	4 39	0 17	24 4	1 7	2 44	1 4	24 8	0 19	24 10	0 24	14 42	1 38	18 31	16 28	11 9	11 24	14 46			n.a.
S 18	16 39	11 55	0s15	8 27	3 56	4 7	0 14	24 0	1 7	2 49	1 3	24 8	0 19	24 10	0 24	14 42	1 38	18 30	16 28	11 9	11 23	14 47			n.a.
S 19	16 21	15 20	1 29	8 45	3 53	3 35	0 11	23 55	1 7	2 53	1 3	24 8	0 19	24 10	0 24	14 42	1 38	18 29	16 28	11 9	11 22	14 48			n.a.
M20	16 3	17 50	2 37	9 7	3 48	3 3	0 7	23 51	1 8	2 57	1 3	24 8	0 20	24 10	0 24	14 43	1 38	18 28	16 27	11 9	11 21	14 49			n.a.
T 21	15 45	19 14	3 35	9 33	3 41	2 32	0 4	23 47	1 8	3 2	1 3	24 8	0 20	24 10	0 24	14 43	1 38	18 27	16 27	11 8	11 19	14 50			n.a.
W22	15 27	19 27	4 21	10 2	3 32	2 0	0 1	23 42	1 9	3 6	1 3	24 8	0 20	24 10	0 24	14 43	1 38	18 25	16 27	11 6	11 18	14 52			n.a.
T 23	15 8	18 28	4 50	10 34	3 20	1 27	0s 2	23 37	1 9	3 10	1 2	24 8	0 20	24 10	0 24	14 43	1 38	18 24	16 26	11 3	11 17	14 53			n.a.
F 24	14 49	16 25	5 2	11 9	3 7	0 55	0 6	23 32	1 10	3 15	1 2	24 8	0 20	24 10	0 24	14 44	1 38	18 23	16 26	11 0	11 16	14 54			n.a.
S 25	14 30	13 30	4 57	11 45	2 52	0 23	0 9	23 27	1 10	3 19	1 2	24 8	0 20	24 10	0 24	14 44	1 38	18 22	16 26	10 56	11 15	14 55			n.a.
S 26	14 10	9 55	4 36	12 22	2 36	0s 9	0 13	23 22	1 10	3 24	1 2	24 9	0 20	24 9	0 24	14 44	1 38	18 21	16 25	10 52	11 14	14 56			n.a.
M27	13 51	5 56	4 0	13 0	2 18	0 41	0 16	23 16	1 11	3 28	1 2	24 9	0 20	24 9	0 24	14 44	1 38	18 20	16 25	10 48	11 13	14 58			n.a.
T 28	13 31	1 46	3 13	13 37	1 59	1 13	0 19	23 10	1 11	3 33	1 2	24 9	0 20	24 9	0 25	14 45	1 38	18 19	16 25	10 45	11 11	14 59			n.a.
W29	13 11	2s23	2 17	14 12	1 39	1 45	0 23	23 5	1 12	3 37	1 1	24 9	0 20	24 9	0 25	14 45	1 38	18 17	16 25	10 43	11 10	15 0			n.a.
T 30	12 50	6 22	1 16	14 45	1 19	2 18	0 26	22 59	1 12	3 42	1 1	24 9	0 20	24 9	0 25	14 45	1 37	18 16	16 24	10 41	11 9	15 1			n.a.
F 31	12n30	10s 0	0s13	15n15	0s59	2s50	0s30	22n52	1n12	3s47	1n 1	24s 9	0s20	24n 9	0n25	14s46	1n37	18n15	16n24	10s41	11s 8	15s 2			n.a.

Julian Day Number = 1362229.5, Delta T = 06h57m56s
Ecliptic obliquity = 23°48'37, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°39'09, Lahiri = -17°32'08 Julian Calendar 1 Aug. 984 BCE == Greg. Calendar 23 July 984 BCE

The year -983 astronomical counting style corresponds to year 984 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 984 BCE
geocentric

SEPTEMBER 984 BCE (-983) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 2 29	28♌35'30	6♏50	15°R50	7♎ 4	24♋22	11♎56	29°R35	4♋13	14♏ 5	21♍54	27♎20	28♎31	14♏24	n.a.	S 1
S 2	22 6 26	29°34'56	18°38	15♌33	8°16	24°59	12° 7	29♐34	4°16	14° 6	21°56	27°21	28°28	14°30	n.a.	S 2
M 3	22 10 22	0♍34'24	0♐27	15°D27	9°28	25°37	12°19	29°32	4°18	14° 7	21°58	27°R22	28°25	14°37	n.a.	M 3
T 4	22 14 19	1°33'54	12°23	15°32	10°39	26°14	12°30	29°31	4°20	14° 8	22° 1	27°21	28°22	14°44	n.a.	T 4
W 5	22 18 15	2°33'26	24°32	15°47	11°51	26°52	12°42	29°31	4°23	14° 9	22° 3	27°18	28°19	14°50	n.a.	W 5
T 6	22 22 12	3°32'59	6♑57	16°13	13° 2	27°29	12°54	29°30	4°25	14°10	22° 5	27°14	28°15	14°57	n.a.	T 6
F 7	22 26 8	4°32'35	19°42	16°48	14°13	28° 7	13° 6	29°29	4°27	14°11	22° 8	27° 7	28°12	15° 3	n.a.	F 7
S 8	22 30 5	5°32'13	2♒50	17°32	15°25	28°44	13°17	29°29	4°30	14°12	22°10	26°59	28° 9	15°10	n.a.	S 8
S 9	22 34 2	6°31'52	16°21	18°24	16°36	29°21	13°29	29°28	4°32	14°13	22°12	26°50	28° 6	15°17	n.a.	S 9
M10	22 37 58	7°31'34	0♓12	19°24	17°47	29°59	13°41	29°28	4°34	14°14	22°15	26°41	28° 3	15°23	n.a.	M10
T 11	22 41 55	8°31'18	14°22	20°30	18°58	0♌36	13°53	29°28	4°36	14°15	22°17	26°34	28° 0	15°30	n.a.	T 11
W12	22 45 51	9°31'03	28°43	21°42	20° 9	1°13	14° 6	29°27	4°38	14°16	22°19	26°29	27°56	15°37	n.a.	W12
T 13	22 49 48	10°30'51	13♈12	23° 0	21°20	1°50	14°18	29°D27	4°40	14°17	22°22	26°26	27°53	15°43	n.a.	T 13
F 14	22 53 44	11°30'42	27°41	24°21	22°31	2°28	14°30	29°27	4°42	14°19	22°24	26°D26	27°50	15°50	n.a.	F 14
S 15	22 57 41	12°30'34	12♉ 7	25°46	23°42	3° 5	14°42	29°28	4°44	14°20	22°27	26°26	27°47	15°57	n.a.	S 15
S 16	23 1 37	13°30'30	26°25	27°15	24°53	3°42	14°55	29°28	4°46	14°21	22°29	26°28	27°44	16° 3	n.a.	S 16
M17	23 5 34	14°30'27	10♊34	28°46	26° 3	4°19	15° 7	29°28	4°48	14°23	22°31	26°R29	27°40	16°10	n.a.	M17
T 18	23 9 30	15°30'27	24°33	0♍19	27°14	4°57	15°20	29°29	4°50	14°24	22°34	26°28	27°37	16°17	n.a.	T 18
W19	23 13 27	16°30'29	8♋20	1°54	28°25	5°34	15°32	29°29	4°51	14°25	22°36	26°26	27°34	16°23	n.a.	W19
T 20	23 17 24	17°30'34	21°55	3°30	29°35	6°11	15°45	29°30	4°53	14°27	22°39	26°22	27°31	16°30	n.a.	T 20
F 21	23 21 20	18°30'41	5♌19	5° 7	0♏46	6°48	15°57	29°31	4°55	14°28	22°41	26°17	27°28	16°37	n.a.	F 21
S 22	23 25 17	19°30'50	18°29	6°45	1°56	7°25	16°10	29°31	4°56	14°30	22°44	26°11	27°25	16°43	n.a.	S 22
S 23	23 29 13	20°31'01	1♍27	8°24	3° 6	8° 2	16°23	29°32	4°58	14°31	22°46	26° 4	27°21	16°50	n.a.	S 23
M24	23 33 10	21°31'14	14°11	10° 3	4°17	8°40	16°36	29°34	4°59	14°33	22°48	25°58	27°18	16°57	n.a.	M24
T 25	23 37 6	22°31'29	26°41	11°42	5°27	9°17	16°48	29°35	5° 1	14°34	22°51	25°54	27°15	17° 3	n.a.	T 25
W26	23 41 3	23°31'46	8♎59	13°22	6°37	9°54	17° 1	29°36	5° 2	14°36	22°53	25°51	27°12	17°10	n.a.	W26
T 27	23 44 59	24°32'05	21° 4	15° 1	7°47	10°31	17°14	29°37	5° 3	14°37	22°56	25°D49	27° 9	17°17	n.a.	T 27
F 28	23 48 56	25°32'25	3♏ 1	16°41	8°57	11° 8	17°27	29°39	5° 5	14°39	22°58	25°49	27° 6	17°23	n.a.	F 28
S 29	23 52 52	26°32'48	14°51	18°20	10° 6	11°45	17°40	29°40	5° 6	14°41	23° 1	25°51	27° 2	17°30	n.a.	S 29
S 30	23 56 49	27♍33'12	26♏38	19♍59	11♏16	12♌22	17♎53	29♐42	5♋ 7	14♏42	23♍ 3	25♎52	26♎59	17♏36	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n 9	13s12	0n51	15n43	0s40	3s22	0s33	22n46	1n13	3s51	1n 1	24s 9	0s20	24n 9	0n25	14s46	1n37	18n14	16n24	10s41	11s 7	15s 4		n.a.
S 2	11 48	15 51	1 52	16 6	0 20	3 54	0 37	22 40	1 13	3 56	1 1	24 9	0 20	24 9	0 25	14 46	1 37	18 13	16 24	10 41	11 6	15 5		n.a.
M 3	11 26	17 49	2 48	16 25	0 2	4 26	0 41	22 33	1 14	4 1	1 0	24 9	0 20	24 9	0 25	14 46	1 37	18 12	16 23	10 42	11 5	15 6		n.a.
T 4	11 5	19 2	3 38	16 40	0n15	4 57	0 44	22 26	1 14	4 5	1 0	24 9	0 20	24 9	0 25	14 47	1 37	18 11	16 23	10 41	11 3	15 7		n.a.
W 5	10 43	19 23	4 19	16 51	0 31	5 29	0 48	22 19	1 14	4 10	1 0	24 9	0 20	24 9	0 25	14 47	1 37	18 10	16 23	10 40	11 2	15 8		n.a.
T 6	10 22	18 50	4 48	16 57	0 46	6 1	0 51	22 12	1 15	4 15	1 0	24 9	0 21	24 9	0 25	14 48	1 37	18 8	16 23	10 39	11 1	15 9		n.a.
F 7	10 0	17 19	5 5	16 59	0 59	6 32	0 55	22 5	1 15	4 20	1 0	24 9	0 21	24 9	0 25	14 48	1 37	18 7	16 23	10 36	11 0	15 11		n.a.
S 8	9 37	14 52	5 5	16 56	1 11	7 3	0 59	21 58	1 16	4 25	1 0	24 9	0 21	24 9	0 25	14 48	1 37	18 6	16 22	10 33	10 59	15 12		n.a.
S 9	9 15	11 35	4 50	16 50	1 21	7 35	1 2	21 50	1 16	4 30	0 59	24 9	0 21	24 9	0 25	14 49	1 37	18 5	16 22	10 30	10 58	15 13		n.a.
M10	8 53	7 34	4 17	16 40	1 30	8 6	1 6	21 43	1 16	4 34	0 59	24 9	0 21	24 9	0 25	14 49	1 37	18 4	16 22	10 27	10 57	15 14		n.a.
T 11	8 30	3 4	3 27	16 26	1 38	8 36	1 9	21 35	1 17	4 39	0 59	24 9	0 21	24 9	0 25	14 49	1 37	18 3	16 22	10 24	10 55	15 15		n.a.
W12	8 7	1n41	2 24	16 8	1 45	9 7	1 13	21 27	1 17	4 44	0 59	24 9	0 21	24 9	0 25	14 50	1 37	18 2	16 22	10 22	10 54	15 16		n.a.
T 13	7 44	6 23	1 11	15 48	1 50	9 38	1 17	21 19	1 17	4 49	0 59	24 9	0 21	24 9	0 25	14 50	1 37	18 1	16 22	10 21	10 53	15 17		n.a.
F 14	7 21	10 42	0s 7	15 24	1 54	10 8	1 20	21 11	1 18	4 54	0 59	24 10	0 21	24 8	0 25	14 51	1 37	18 0	16 22	10 21	10 52	15 19		n.a.
S 15	6 58	14 22	1 24	14 58	1 58	10 38	1 24	21 2	1 18	4 59	0 59	24 10	0 21	24 8	0 25	14 51	1 37	17 59	16 21	10 21	10 51	15 20		n.a.
S 16	6 35	17 8	2 36	14 29	2 0	11 8	1 27	20 54	1 19	5 4	0 58	24 10	0 21	24 8	0 25	14 52	1 36	17 57	16 21	10 22	10 50	15 21		n.a.
M17	6 11	18 48	3 37	13 58	2 1	11 37	1 31	20 45	1 19	5 9	0 58	24 10	0 21	24 8	0 25	14 52	1 36	17 56	16 21	10 22	10 48	15 22		n.a.
T 18	5 48	19 18	4 24	13 25	2 1	12 6	1 34	20 36	1 19	5 14	0 58	24 10	0 21	24 8	0 25	14 52	1 36	17 55	16 21	10 22	10 47	15 23		n.a.
W19	5 24	18 38	4 55	12 51	2 1	12 35	1 38	20 28	1 20	5 19	0 58	24 10	0 21	24 8	0 25	14 53	1 36	17 54	16 21	10 21	10 46	15 24		n.a.
T 20	5 1	16 54	5 10	12 14	2 0	13 4	1 41	20 19	1 20	5 24	0 58	24 10	0 21	24 8	0 25	14 53	1 36	17 53	16 21	10 20	10 45	15 25		n.a.
F 21	4 37	14 16	5 7	11 37	1 58	13 33	1 44	20 9	1 21	5 29	0 58	24 10	0 21	24 8	0 25	14 54	1 36	17 52	16 21	10 18	10 44	15 26		n.a.
S 22	4 13	10 58	4 48	10 58	1 56	14 1	1 48	20 0	1 21	5 34	0 58	24 10	0 21	24 8	0 25	14 54	1 36	17 51	16 21	10 16	10 43	15 28		n.a.
S 23	3 49	7 11	4 14	10 18	1 53	14 29	1 51	19 51	1 21	5 39	0 57	24 10	0 21	24 8	0 25	14 55	1 36	17 50	16 21	10 13	10 41	15 29		n.a.
M24	3 25	3 8	3 28	9 37	1 50	14 56	1 54	19 41	1 22	5 44	0 57	24 10	0 21	24 8	0 25	14 55	1 36	17 49	16 21	10 11	10 40	15 30		n.a.
T 25	3 1	0s59	2 33	8 55	1 47	15 23	1 58	19 32	1 22	5 50	0 57	24 10	0 22	24 8	0 25	14 56	1 36	17 48	16 21	10 9	10 39	15 31		n.a.
W26	2 36	5 0	1 31	8 13	1 43	15 50	2 1	19 22	1 22	5 55	0 57	24 10	0 22	24 8	0 25	14 56	1 36	17 47	16 21	10 8	10 38	15 32		n.a.
T 27	2 12	8 45	0 26	7 30	1 38	16 16	2 4	19 12	1 23	6 0	0 57	24 10	0 22	24 8	0 25	14 57	1 36	17 46	16 21	10 8	10 37	15 33		n.a.
F 28	1 48	12 5	0n39	6 46	1 33	16 42	2 7	19 2	1 23	6 5	0 57	24 10	0 22	24 8	0 25	14 57	1 36	17 45	16 21	10 8	10 36	15 34		n.a.
S 29	1 24	14 54	1 43	6 2	1 28	17 8	2 10	18 52	1 24	6 10	0 57	24 10	0 22	24 8	0 25	14 58	1 36	17 44	16 21	10 8	10 35	15 35		n.a.
S 30	0n59	17s 5	2n41	5n18	1n23	17s33	2s13	18n42	1n24	6s15	0n57	24s10	0s22	24n 8	0n25	14s59	1n36	17n43	16n21	10s 9	10s33	15s36		n.a.

Julian Day Number = 1362260.5, Delta T = 06h57m55s
Ecliptic obliquity = 23°48'37, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°39'04, Lahiri = -17°32'04 Julian Calendar 1 Sept. 984 BCE == Greg. Calendar 23 Aug. 984 BCE

The year -983 astronomical counting style corresponds to year 984 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 984 BCE
geocentric

OCTOBER 984 BCE (-983) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 0 46	28♍33'37	8♐26	21♍38	12♏26	12♌59	18♎ 6	29♐44	5♋ 8	14♏44	23♍ 5	25♎54	26♎56	17♏43	n.a.	M 1
T 2	0 4 42	29°34'05	20°21	23°17	13°35	13°36	18°19	29°46	5° 9	14°46	23° 8	25°56	26°53	17°50	n.a.	T 2
W 3	0 8 39	0♎34'33	2♑27	24°55	14°44	14°12	18°32	29°48	5°10	14°47	23°10	25°R56	26°50	17°56	n.a.	W 3
T 4	0 12 35	1°35'04	14°49	26°33	15°54	14°49	18°46	29°50	5°11	14°49	23°13	25°55	26°46	18° 3	n.a.	T 4
F 5	0 16 32	2°35'36	27°32	28°11	17° 3	15°26	18°59	29°52	5°12	14°51	23°15	25°53	26°43	18°10	n.a.	F 5
S 6	0 20 28	3°36'09	10♒39	29°48	18°12	16° 3	19°12	29°54	5°13	14°53	23°18	25°51	26°40	18°16	n.a.	S 6
S 7	0 24 25	4°36'43	24°12	1♎26	19°21	16°40	19°25	29°57	5°14	14°55	23°20	25°47	26°37	18°23	n.a.	S 7
M 8	0 28 21	5°37'19	8♓11	3° 2	20°29	17°17	19°39	29°59	5°14	14°56	23°22	25°44	26°34	18°30	n.a.	M 8
T 9	0 32 18	6°37'57	22°33	4°39	21°38	17°53	19°52	0♑ 2	5°15	14°58	23°25	25°42	26°31	18°36	n.a.	T 9
W10	0 36 15	7°38'36	7♈14	6°15	22°46	18°30	20° 5	0° 4	5°16	15° 0	23°27	25°40	26°27	18°43	n.a.	W10
T 11	0 40 11	8°39'16	22° 6	7°51	23°55	19° 7	20°19	0° 7	5°16	15° 2	23°30	25°D39	26°24	18°50	n.a.	T 11
F 12	0 44 8	9°39'59	7♉ 2	9°27	25° 3	19°44	20°32	0°10	5°17	15° 4	23°32	25°40	26°21	18°56	n.a.	F 12
S 13	0 48 4	10°40'43	21°54	11° 2	26°11	20°20	20°45	0°13	5°17	15° 6	23°34	25°41	26°18	19° 3	n.a.	S 13
S 14	0 52 1	11°41'29	6♊34	12°37	27°19	20°57	20°59	0°16	5°18	15° 8	23°37	25°42	26°15	19°10	n.a.	S 14
M15	0 55 57	12°42'16	20°59	14°12	28°27	21°34	21°12	0°19	5°18	15°10	23°39	25°43	26°11	19°16	n.a.	M15
T 16	0 59 54	13°43'05	5♋ 5	15°47	29°34	22°10	21°26	0°22	5°18	15°12	23°41	25°43	26° 8	19°23	n.a.	T 16
W17	1 3 50	14°43'56	18°51	17°21	0♐42	22°47	21°39	0°26	5°19	15°14	23°44	25°R43	26° 5	19°30	n.a.	W17
T 18	1 7 47	15°44'49	2♌18	18°56	1°49	23°23	21°53	0°29	5°19	15°16	23°46	25°43	26° 2	19°36	n.a.	T 18
F 19	1 11 44	16°45'43	15°26	20°30	2°56	24° 0	22° 6	0°33	5°19	15°18	23°48	25°42	25°59	19°43	n.a.	F 19
S 20	1 15 40	17°46'39	28°18	22° 4	4° 3	24°36	22°19	0°36	5°19	15°20	23°51	25°41	25°56	19°50	n.a.	S 20
S 21	1 19 37	18°47'36	10♍55	23°38	5°10	25°13	22°33	0°40	5°R19	15°22	23°53	25°40	25°52	19°56	n.a.	S 21
M22	1 23 33	19°48'35	23°19	25°12	6°16	25°49	22°47	0°44	5°19	15°24	23°55	25°39	25°49	20° 3	n.a.	M22
T 23	1 27 30	20°49'35	5♎33	26°46	7°22	26°26	23° 0	0°48	5°19	15°26	23°57	25°39	25°46	20°10	n.a.	T 23
W24	1 31 26	21°50'36	17°37	28°19	8°28	27° 2	23°14	0°52	5°19	15°28	24° 0	25°38	25°43	20°16	n.a.	W24
T 25	1 35 23	22°51'39	29°34	29°53	9°34	27°38	23°27	0°56	5°18	15°30	24° 2	25°D38	25°40	20°23	n.a.	T 25
F 26	1 39 19	23°52'42	11♏26	1♏26	10°40	28°15	23°41	1° 0	5°18	15°33	24° 4	25°38	25°37	20°30	n.a.	F 26
S 27	1 43 16	24°53'47	23°14	2°59	11°45	28°51	23°54	1° 4	5°18	15°35	24° 6	25°39	25°33	20°36	n.a.	S 27
S 28	1 47 13	25°54'52	5♐ 2	4°33	12°51	29°27	24° 8	1° 8	5°17	15°37	24° 8	25°R39	25°30	20°43	n.a.	S 28
M29	1 51 9	26°55'59	16°51	6° 6	13°56	0♍ 3	24°21	1°13	5°17	15°39	24°10	25°39	25°27	20°50	n.a.	M29
T 30	1 55 6	27°57'06	28°46	7°39	15° 0	0°40	24°35	1°17	5°16	15°41	24°13	25°38	25°24	20°56	n.a.	T 30
W31	1 59 2	28♎58'14	10♑51	9♏12	16♐ 5	1♍16	24♎48	1♑21	5♋16	15♏43	24♍15	25♎38	25♎21	21♏ 3	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	0n35	18s32	3n33	4n33	1n18	17s58	2s16	18n31	1n24	6s20	0n56	24s10	0s22	24n 8	0n26	14s59	1n36	17n42	16n21	10s10	10s32	15s37			n.a.
T 2	0 10	19 11	4 17	3 49	1 12	18 22	2 19	18 21	1 25	6 25	0 56	24 10	0 22	24 8	0 26	15 0	1 36	17 41	16 21	10 10	10 31	15 38			n.a.
W 3	0s14	18 58	4 49	3 4	1 6	18 46	2 22	18 11	1 25	6 31	0 56	24 11	0 22	24 8	0 26	15 0	1 36	17 40	16 21	10 10	10 30	15 40			n.a.
T 4	0 38	17 51	5 10	2 19	1 0	19 9	2 25	18 0	1 25	6 36	0 56	24 11	0 22	24 8	0 26	15 1	1 36	17 39	16 21	10 10	10 29	15 41			n.a.
F 5	1 3	15 49	5 15	1 34	0 54	19 32	2 27	17 49	1 26	6 41	0 56	24 11	0 22	24 8	0 26	15 1	1 36	17 39	16 21	10 9	10 28	15 42			n.a.
S 6	1 27	12 57	5 5	0 49	0 48	19 55	2 30	17 38	1 26	6 46	0 56	24 11	0 22	24 8	0 26	15 2	1 36	17 38	16 21	10 8	10 26	15 43			n.a.
S 7	1 52	9 18	4 38	0 4	0 42	20 17	2 33	17 27	1 27	6 51	0 56	24 11	0 22	24 8	0 26	15 2	1 35	17 37	16 21	10 7	10 25	15 44			n.a.
M 8	2 16	5 2	3 53	0s41	0 35	20 38	2 35	17 16	1 27	6 57	0 56	24 11	0 22	24 8	0 26	15 3	1 35	17 36	16 21	10 6	10 24	15 45			n.a.
T 9	2 40	0 21	2 53	1 26	0 29	20 59	2 38	17 5	1 27	7 2	0 56	24 11	0 22	24 8	0 26	15 4	1 35	17 35	16 21	10 5	10 23	15 46			n.a.
W10	3 5	4n27	1 40	2 10	0 23	21 19	2 40	16 54	1 28	7 7	0 56	24 11	0 22	24 8	0 26	15 4	1 35	17 34	16 22	10 4	10 22	15 47			n.a.
T 11	3 29	9 2	0 20	2 55	0 16	21 39	2 42	16 43	1 28	7 12	0 55	24 11	0 22	24 8	0 26	15 5	1 35	17 33	16 22	10 4	10 21	15 48			n.a.
F 12	3 53	13 5	1s 3	3 39	0 10	21 59	2 44	16 31	1 28	7 17	0 55	24 11	0 22	24 8	0 26	15 5	1 35	17 32	16 22	10 4	10 19	15 49			n.a.
S 13	4 17	16 16	2 20	4 23	0 3	22 17	2 46	16 20	1 29	7 22	0 55	24 11	0 22	24 8	0 26	15 6	1 35	17 32	16 22	10 4	10 18	15 50			n.a.
S 14	4 42	18 20	3 28	5 7	0s 4	22 36	2 48	16 8	1 29	7 28	0 55	24 11	0 22	24 8	0 26	15 7	1 35	17 31	16 22	10 5	10 17	15 51			n.a.
M15	5 6	19 9	4 21	5 50	0 10	22 53	2 50	15 57	1 29	7 33	0 55	24 11	0 22	24 8	0 26	15 7	1 35	17 30	16 22	10 5	10 16	15 52			n.a.
T 16	5 30	18 46	4 57	6 33	0 16	23 10	2 52	15 45	1 30	7 38	0 55	24 11	0 23	24 8	0 26	15 8	1 35	17 29	16 22	10 5	10 15	15 53			n.a.
W17	5 54	17 16	5 15	7 16	0 23	23 26	2 54	15 33	1 30	7 43	0 55	24 11	0 23	24 8	0 26	15 8	1 35	17 28	16 23	10 6	10 14	15 54			n.a.
T 18	6 17	14 50	5 15	7 59	0 29	23 42	2 55	15 21	1 30	7 48	0 55	24 11	0 23	24 8	0 26	15 9	1 35	17 28	16 23	10 5	10 12	15 55			n.a.
F 19	6 41	11 42	4 59	8 41	0 36	23 57	2 57	15 9	1 31	7 54	0 55	24 11	0 23	24 8	0 26	15 10	1 35	17 27	16 23	10 5	10 11	15 56			n.a.
S 20	7 5	8 4	4 28	9 22	0 42	24 12	2 58	14 57	1 31	7 59	0 55	24 11	0 23	24 8	0 26	15 10	1 35	17 26	16 23	10 5	10 10	15 57			n.a.
S 21	7 28	4 8	3 44	10 3	0 48	24 26	2 59	14 45	1 32	8 4	0 55	24 11	0 23	24 8	0 26	15 11	1 35	17 25	16 23	10 4	10 9	15 58			n.a.
M22	7 52	0 6	2 50	10 44	0 54	24 39	3 1	14 33	1 32	8 9	0 54	24 11	0 23	24 8	0 26	15 12	1 35	17 25	16 23	10 4	10 8	15 59			n.a.
T 23	8 15	3s54	1 49	11 24	1 0	24 52	3 2	14 21	1 32	8 14	0 54	24 11	0 23	24 8	0 26	15 12	1 35	17 24	16 24	10 4	10 6	16 0			n.a.
W24	8 38	7 42	0 44	12 4	1 6	25 4	3 2	14 8	1 33	8 19	0 54	24 11	0 23	24 8	0 26	15 13	1 35	17 23	16 24	10 4	10 5	16 1			n.a.
T 25	9 1	11 9	0n22	12 43	1 12	25 15	3 3	13 56	1 33	8 24	0 54	24 11	0 23	24 8	0 26	15 14	1 35	17 23	16 24	10 4	10 4	16 2			n.a.
F 26	9 24	14 7	1 27	13 21	1 17	25 25	3 4	13 43	1 33	8 30	0 54	24 11	0 23	24 8	0 26	15 14	1 35	17 22	16 24	10 4	10 3	16 4			n.a.
S 27	9 47	16 29	2 28	13 59	1 23	25 35	3 4	13 31	1 34	8 35	0 54	24 11	0 23	24 9	0 26	15 15	1 35	17 21	16 25	10 4	10 2	16 5			n.a.
S 28	10 10	18 9	3 22	14 37	1 28	25 45	3 5	13 18	1 34	8 40	0 54	24 11	0 23	24 9	0 26	15 16	1 35	17 21	16 25	10 4	10 1	16 6			n.a.
M29	10 32	19 2	4 8	15 13	1 33	25 53	3 5	13 6	1 34	8 45	0 54	24 11	0 23	24 9	0 26	15 16	1 35	17 20	16 25	10 4	9 59	16 7			n.a.
T 30	10 54	19 4	4 44	15 49	1 38	26 1	3 5	12 53	1 35	8 50	0 54	24 11	0 23	24 9	0 26	15 17	1 35	17 19	16 26	10 4	9 58	16 7			n.a.
W31	11s17	18s15	5n 8	16s24	1s42	26s 8	3s 5	12n40	1n35	8s55	0n54	24s11	0s23	24n 9	0n27	15s18	1n35	17n19	16n26	10s 3	9s57	16s 8			n.a.

Julian Day Number = 1362290.5, Delta T = 06h57m53s
Ecliptic obliquity = 23°48'37, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°39'00, Lahiri = -17°32'00 Julian Calendar 1 Oct. 984 BCE == Greg. Calendar 22 Sept. 984 BCE

The year -983 astronomical counting style corresponds to year 984 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 984 BCE
geocentric

NOVEMBER 984 BCE (-983) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 2 59	29♎59'22	23♉10	10♏46	17♐ 9	1♍52	25♎ 2	1♉26	5°R15	15♏46	24♍17	25°R38	25♎17	21♏10	n.a.	T 1
F 2	2 6 55	1♏ 0'31	5♒46	12°18	18°13	2°28	25°15	1°31	5♋15	15°48	24°19	25°D38	25°14	21°16	n.a.	F 2
S 3	2 10 52	2° 1'41	18°45	13°51	19°16	3° 4	25°29	1°35	5°14	15°50	24°21	25♎38	25°11	21°23	n.a.	S 3
S 4	2 14 48	3° 2'51	2♓ 9	15°24	20°20	3°40	25°42	1°40	5°13	15°52	24°23	25°39	25° 8	21°30	n.a.	S 4
M 5	2 18 45	4° 4'01	16° 1	16°57	21°22	4°16	25°56	1°45	5°12	15°55	24°25	25°39	25° 5	21°36	n.a.	M 5
T 6	2 22 42	5° 5'12	0♈20	18°29	22°25	4°52	26° 9	1°50	5°11	15°57	24°27	25°40	25° 2	21°43	n.a.	T 6
W 7	2 26 38	6° 6'24	15° 3	20° 1	23°27	5°28	26°23	1°55	5°11	15°59	24°29	25°41	24°58	21°49	n.a.	W 7
T 8	2 30 35	7° 7'36	0♉ 5	21°33	24°29	6° 4	26°36	2° 0	5°10	16° 1	24°31	25°R41	24°55	21°56	n.a.	T 8
F 9	2 34 31	8° 8'48	15°17	23° 4	25°31	6°39	26°50	2° 5	5° 9	16° 3	24°33	25°40	24°52	22° 3	n.a.	F 9
S 10	2 38 28	9°10'01	0♊30	24°35	26°32	7°15	27° 3	2°11	5° 7	16° 6	24°35	25°39	24°49	22° 9	n.a.	S 10
S 11	2 42 24	10°11'15	15°34	26° 6	27°32	7°51	27°16	2°16	5° 6	16° 8	24°37	25°37	24°46	22°16	n.a.	S 11
M12	2 46 21	11°12'30	0♋20	27°35	28°33	8°27	27°30	2°21	5° 5	16°10	24°38	25°35	24°43	22°23	n.a.	M12
T 13	2 50 17	12°13'45	14°43	29° 4	29°32	9° 2	27°43	2°27	5° 4	16°13	24°40	25°34	24°39	22°29	n.a.	T 13
W14	2 54 14	13°15'01	28°40	0♐32	0♉32	9°38	27°57	2°32	5° 3	16°15	24°42	25°32	24°36	22°36	n.a.	W14
T 15	2 58 11	14°16'17	12♌10	1°58	1°31	10°13	28°10	2°38	5° 1	16°17	24°44	25°D32	24°33	22°43	n.a.	T 15
F 16	3 2 7	15°17'34	25°15	3°23	2°29	10°49	28°23	2°44	5° 0	16°19	24°46	25°32	24°30	22°49	n.a.	F 16
S 17	3 6 4	16°18'52	7♍58	4°46	3°27	11°24	28°36	2°49	4°59	16°22	24°47	25°33	24°27	22°56	n.a.	S 17
S 18	3 10 0	17°20'10	20°24	6° 7	4°24	12° 0	28°50	2°55	4°57	16°24	24°49	25°35	24°23	23° 3	n.a.	S 18
M19	3 13 57	18°21'28	2♎35	7°26	5°21	12°35	29° 3	3° 1	4°56	16°26	24°51	25°36	24°20	23° 9	n.a.	M19
T 20	3 17 53	19°22'47	14°37	8°41	6°18	13°11	29°16	3° 7	4°54	16°28	24°52	25°38	24°17	23°16	n.a.	T 20
W21	3 21 50	20°24'06	26°31	9°53	7°13	13°46	29°29	3°13	4°52	16°31	24°54	25°R38	24°14	23°23	n.a.	W21
T 22	3 25 46	21°25'25	8♏21	11° 1	8° 8	14°21	29°42	3°19	4°51	16°33	24°55	25°37	24°11	23°29	n.a.	T 22
F 23	3 29 43	22°26'45	20° 9	12° 3	9° 3	14°56	29°55	3°25	4°49	16°35	24°57	25°35	24° 8	23°36	n.a.	F 23
S 24	3 33 40	23°28'04	1♐58	13° 1	9°57	15°31	0♏ 8	3°31	4°47	16°37	24°59	25°31	24° 4	23°43	n.a.	S 24
S 25	3 37 36	24°29'23	13°48	13°52	10°50	16° 6	0°21	3°37	4°46	16°40	25° 0	25°27	24° 1	23°49	n.a.	S 25
M26	3 41 33	25°30'43	25°43	14°36	11°43	16°41	0°34	3°43	4°44	16°42	25° 1	25°21	23°58	23°56	n.a.	M26
T 27	3 45 29	26°32'01	7♉44	15°12	12°34	17°16	0°47	3°49	4°42	16°44	25° 3	25°15	23°55	24° 3	n.a.	T 27
W28	3 49 26	27°33'20	19°53	15°39	13°25	17°51	1° 0	3°56	4°40	16°46	25° 4	25°10	23°52	24° 9	n.a.	W28
T 29	3 53 22	28°34'38	2♒13	15°56	14°15	18°26	1°13	4° 2	4°38	16°49	25° 6	25° 5	23°48	24°16	n.a.	T 29
F 30	3 57 19	29♏35'55	14♒48	16°R 2	15♉ 5	19♍ 1	1♏26	4♉ 8	4♋36	16♏51	25♍ 7	25♎ 3	23♎45	24♏23	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s38	16s34	5n18	16s58	1s47	26s15	3s 5	12n27	1n35	9s 0	0n54	24s11	0s23	24n 9	0n27	15s18	1n35	17n18	16n26	10s 3	9s56	16s 9		n.a.
F 2	12 0	14 4	5 13	17 32	1 51	26 21	3 5	12 14	1 36	9 5	0 54	24 11	0 23	24 9	0 27	15 19	1 35	17 18	16 26	10 3	9 55	16 10		n.a.
S 3	12 22	10 48	4 53	18 4	1 55	26 26	3 4	12 2	1 36	9 10	0 54	24 11	0 23	24 9	0 27	15 20	1 35	17 17	16 27	10 4	9 54	16 11		n.a.
S 4	12 43	6 54	4 16	18 36	1 59	26 30	3 4	11 49	1 36	9 15	0 54	24 11	0 23	24 9	0 27	15 20	1 35	17 17	16 27	10 4	9 52	16 12		n.a.
M 5	13 4	2 29	3 23	19 6	2 2	26 34	3 3	11 36	1 37	9 20	0 54	24 11	0 23	24 9	0 27	15 21	1 35	17 16	16 27	10 4	9 51	16 13		n.a.
T 6	13 25	2n13	2 16	19 36	2 5	26 37	3 2	11 23	1 37	9 25	0 54	24 11	0 23	24 9	0 27	15 22	1 35	17 16	16 28	10 4	9 50	16 14		n.a.
W 7	13 46	6 55	0 59	20 4	2 8	26 39	3 1	11 9	1 37	9 30	0 53	24 11	0 24	24 9	0 27	15 22	1 35	17 15	16 28	10 5	9 49	16 15		n.a.
T 8	14 6	11 18	0s24	20 31	2 10	26 41	2 59	10 56	1 38	9 35	0 53	24 11	0 24	24 9	0 27	15 23	1 35	17 15	16 28	10 5	9 48	16 16		n.a.
F 9	14 26	14 58	1 47	20 57	2 12	26 42	2 58	10 43	1 38	9 40	0 53	24 11	0 24	24 9	0 27	15 24	1 35	17 14	16 29	10 4	9 46	16 17		n.a.
S 10	14 46	17 37	3 1	21 22	2 13	26 42	2 56	10 30	1 38	9 45	0 53	24 11	0 24	24 9	0 27	15 24	1 35	17 14	16 29	10 4	9 45	16 18		n.a.
S 11	15 6	18 59	4 3	21 45	2 14	26 42	2 55	10 17	1 39	9 50	0 53	24 11	0 24	24 9	0 27	15 25	1 35	17 13	16 29	10 3	9 44	16 19		n.a.
M12	15 25	19 2	4 47	22 7	2 15	26 41	2 53	10 3	1 39	9 55	0 53	24 11	0 24	24 10	0 27	15 26	1 34	17 13	16 30	10 3	9 43	16 20		n.a.
T 13	15 45	17 50	5 11	22 27	2 15	26 39	2 51	9 50	1 39	10 0	0 53	24 11	0 24	24 10	0 27	15 26	1 34	17 13	16 30	10 2	9 42	16 21		n.a.
W14	16 4	15 35	5 16	22 46	2 14	26 37	2 48	9 37	1 40	10 5	0 53	24 11	0 24	24 10	0 27	15 27	1 34	17 12	16 31	10 1	9 41	16 22		n.a.
T 15	16 22	12 33	5 3	23 3	2 13	26 34	2 46	9 23	1 40	10 10	0 53	24 11	0 24	24 10	0 27	15 28	1 34	17 12	16 31	10 1	9 39	16 23		n.a.
F 16	16 40	8 59	4 35	23 18	2 11	26 30	2 43	9 10	1 40	10 14	0 53	24 11	0 24	24 10	0 27	15 28	1 34	17 11	16 31	10 1	9 38	16 24		n.a.
S 17	16 58	5 6	3 54	23 31	2 8	26 26	2 40	8 57	1 41	10 19	0 53	24 11	0 24	24 10	0 27	15 29	1 34	17 11	16 32	10 2	9 37	16 25		n.a.
S 18	17 16	1 4	3 3	23 42	2 5	26 21	2 37	8 43	1 41	10 24	0 53	24 11	0 24	24 10	0 27	15 30	1 34	17 11	16 32	10 2	9 36	16 26		n.a.
M19	17 34	2s56	2 4	23 52	2 0	26 16	2 34	8 30	1 41	10 29	0 53	24 11	0 24	24 10	0 27	15 30	1 34	17 11	16 33	10 3	9 35	16 27		n.a.
T 20	17 51	6 46	1 0	23 59	1 55	26 9	2 30	8 16	1 42	10 34	0 53	24 11	0 24	24 10	0 27	15 31	1 34	17 10	16 33	10 3	9 33	16 28		n.a.
W21	18 7	10 18	0n 5	24 4	1 49	26 3	2 26	8 3	1 42	10 38	0 53	24 10	0 24	24 10	0 27	15 31	1 34	17 10	16 34	10 4	9 32	16 29		n.a.
T 22	18 24	13 25	1 9	24 7	1 42	25 56	2 23	7 49	1 42	10 43	0 53	24 10	0 24	24 10	0 27	15 32	1 34	17 10	16 34	10 3	9 31	16 30		n.a.
F 23	18 40	15 57	2 11	24 8	1 34	25 48	2 18	7 36	1 43	10 48	0 53	24 10	0 24	24 10	0 27	15 33	1 34	17 10	16 34	10 2	9 30	16 30		n.a.
S 24	18 56	17 50	3 7	24 6	1 24	25 39	2 14	7 22	1 43	10 52	0 53	24 10	0 24	24 11	0 27	15 33	1 34	17 9	16 35	10 1	9 29	16 31		n.a.
S 25	19 11	18 56	3 54	24 2	1 14	25 31	2 9	7 9	1 43	10 57	0 53	24 10	0 24	24 11	0 27	15 34	1 34	17 9	16 35	9 59	9 28	16 32		n.a.
M26	19 26	19 13	4 32	23 56	1 2	25 21	2 5	6 55	1 44	11 1	0 53	24 10	0 25	24 11	0 27	15 35	1 34	17 9	16 36	9 57	9 26	16 33		n.a.
T 27	19 41	18 37	4 58	23 47	0 49	25 11	1 59	6 42	1 44	11 6	0 53	24 10	0 25	24 11	0 27	15 35	1 34	17 9	16 36	9 55	9 25	16 34		n.a.
W28	19 55	17 11	5 11	23 35	0 34	25 1	1 54	6 28	1 44	11 11	0 53	24 10	0 25	24 11	0 27	15 36	1 34	17 9	16 37	9 53	9 24	16 35		n.a.
T 29	20 9	14 56	5 10	23 22	0 18	24 50	1 49	6 14	1 44	11 15	0 53	24 10	0 25	24 11	0 27	15 37	1 34	17 9	16 37	9 51	9 23	16 36		n.a.
F 30	20s23	11s58	4n54	23s 6	0s 2	24s39	1s43	6n 1	1n45	11s20	0n53	24s 9	0s25	24n11	0n27	15s37	1n34	17n 8	16n38	9s50	9s22	16s37		n.a.

Julian Day Number = 1362321.5, Delta T = 06h57m52s
Ecliptic obliquity = 23°48'37, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°38'56, Lahiri = -17°31'56 Julian Calendar 1 Nov. 984 BCE == Greg. Calendar 23 Oct. 984 BCE

The year -983 astronomical counting style corresponds to year 984 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 984 BCE
geocentric

DECEMBER 984 BCE (-983) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 1 16	0♐37'12	27♒40	15°R57	15♑53	19♍36	1♏38	4♑15	4°R34	16♏53	25♍ 8	25°D 2	23♎42	24♏29	n.a.	S 1
S 2	4 5 12	1°38'28	10♓54	15♐41	16°41	20°10	1°51	4°21	4♋32	16°55	25°10	25♎ 2	23°39	24°36	n.a.	S 2
M 3	4 9 9	2°39'44	24°32	15°12	17°27	20°45	2° 4	4°28	4°30	16°58	25°11	25° 3	23°36	24°43	n.a.	M 3
T 4	4 13 5	3°40'59	8♈36	14°32	18°13	21°19	2°16	4°34	4°28	17° 0	25°12	25° 5	23°33	24°49	n.a.	T 4
W 5	4 17 2	4°42'13	23° 5	13°41	18°58	21°54	2°29	4°41	4°26	17° 2	25°13	25°R 5	23°29	24°56	n.a.	W 5
T 6	4 20 58	5°43'26	7♉57	12°40	19°41	22°28	2°41	4°48	4°23	17° 4	25°14	25° 5	23°26	25° 3	n.a.	T 6
F 7	4 24 55	6°44'39	23° 6	11°32	20°23	23° 2	2°53	4°54	4°21	17° 6	25°16	25° 2	23°23	25° 9	n.a.	F 7
S 8	4 28 51	7°45'51	8♊23	10°18	21° 5	23°37	3° 6	5° 1	4°19	17° 8	25°17	24°58	23°20	25°16	n.a.	S 8
S 9	4 32 48	8°47'02	23°36	9° 0	21°45	24°11	3°18	5° 8	4°17	17°11	25°18	24°51	23°17	25°23	n.a.	S 9
M10	4 36 45	9°48'13	8♋37	7°41	22°23	24°45	3°30	5°15	4°14	17°13	25°19	24°44	23°14	25°29	n.a.	M10
T 11	4 40 41	10°49'24	23°15	6°24	23° 1	25°19	3°42	5°21	4°12	17°15	25°20	24°37	23°10	25°36	n.a.	T 11
W12	4 44 38	11°50'33	7♌26	5°10	23°37	25°53	3°55	5°28	4°10	17°17	25°21	24°31	23° 7	25°43	n.a.	W12
T 13	4 48 34	12°51'43	21° 7	4° 2	24°12	26°27	4° 7	5°35	4° 7	17°19	25°22	24°26	23° 4	25°49	n.a.	T 13
F 14	4 52 31	13°52'51	4♍18	3° 1	24°45	27° 1	4°19	5°42	4° 5	17°21	25°22	24°24	23° 1	25°56	n.a.	F 14
S 15	4 56 27	14°53'59	17° 3	2° 8	25°17	27°34	4°30	5°49	4° 3	17°23	25°23	24°D23	22°58	26° 3	n.a.	S 15
S 16	5 0 24	15°55'07	29°27	1°24	25°47	28° 8	4°42	5°56	4° 0	17°25	25°24	24°24	22°54	26° 9	n.a.	S 16
M17	5 4 21	16°56'13	11♎35	0°49	26°15	28°42	4°54	6° 3	3°58	17°27	25°25	24°25	22°51	26°16	n.a.	M17
T 18	5 8 17	17°57'19	23°30	0°24	26°42	29°15	5° 6	6°10	3°55	17°29	25°26	24°R26	22°48	26°23	n.a.	T 18
W19	5 12 14	18°58'25	5♏20	0° 8	27° 7	29°48	5°17	6°17	3°53	17°31	25°26	24°25	22°45	26°29	n.a.	W19
T 20	5 16 10	19°59'29	17° 6	29°D59	27°30	0♎22	5°29	6°24	3°50	17°33	25°27	24°22	22°42	26°36	n.a.	T 20
F 21	5 20 7	21° 0'33	28°54	0° 0	27°52	0°55	5°40	6°31	3°48	17°35	25°28	24°17	22°39	26°43	n.a.	F 21
S 22	5 24 3	22° 1'35	10♐45	0° 8	28°11	1°28	5°52	6°38	3°45	17°37	25°28	24° 9	22°35	26°49	n.a.	S 22
S 23	5 28 0	23° 2'37	22°42	0°23	28°28	2° 1	6° 3	6°45	3°43	17°39	25°29	23°58	22°32	26°56	n.a.	S 23
M24	5 31 56	24° 3'37	4♑45	0°45	28°44	2°34	6°14	6°53	3°40	17°41	25°29	23°47	22°29	27° 3	n.a.	M24
T 25	5 35 53	25° 4'36	16°57	1°12	28°57	3° 7	6°25	7° 0	3°37	17°43	25°30	23°34	22°26	27° 9	n.a.	T 25
W26	5 39 50	26° 5'34	29°18	1°45	29° 8	3°39	6°36	7° 7	3°35	17°45	25°30	23°23	22°23	27°16	n.a.	W26
T 27	5 43 46	27° 6'30	11♒49	2°23	29°16	4°12	6°47	7°14	3°32	17°47	25°31	23°13	22°20	27°23	n.a.	T 27
F 28	5 47 43	28° 7'25	24°31	3° 6	29°23	4°45	6°58	7°21	3°30	17°49	25°31	23° 5	22°16	27°29	n.a.	F 28
S 29	5 51 39	29° 8'18	7♓27	3°53	29°27	5°17	7° 9	7°29	3°27	17°51	25°31	23° 1	22°13	27°36	n.a.	S 29
S 30	5 55 36	0♑ 9'09	20°38	4°43	29°R28	5°49	7°20	7°36	3°24	17°52	25°32	22°58	22°10	27°43	n.a.	S 30
M31	5 59 32	1♑ 9'59	4♈ 8	5♐37	29♑27	6♎21	7♏30	7♑43	3♋22	17♏54	25♍32	22°D58	22♎ 7	27♏50	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s36	8s21	4n23	22s47	0n16	24s27	1s37	5n47	1n45	11s24	0n53	24s 9	0s25	24n11	0n27	15s38	1n34	17n 8	16n38	9s50	9s20	16s38		n.a.
S 2	20 49	4 14	3 38	22 27	0 35	24 15	1 31	5 34	1 45	11 29	0 53	24 9	0 25	24 11	0 27	15 39	1 34	17 8	16 39	9 50	9 19	16 39		n.a.
M 3	21 1	0n13	2 39	22 4	0 54	24 2	1 24	5 20	1 46	11 33	0 53	24 9	0 25	24 11	0 27	15 39	1 34	17 8	16 39	9 51	9 18	16 39		n.a.
T 4	21 13	4 49	1 29	21 40	1 14	23 49	1 17	5 7	1 46	11 37	0 53	24 9	0 25	24 11	0 27	15 40	1 34	17 8	16 40	9 51	9 17	16 40		n.a.
W 5	21 24	9 17	0 11	21 15	1 34	23 36	1 10	4 53	1 46	11 42	0 53	24 9	0 25	24 12	0 27	15 40	1 34	17 8	16 40	9 51	9 16	16 41		n.a.
T 6	21 36	13 17	1s 9	20 48	1 53	23 23	1 3	4 40	1 46	11 46	0 53	24 8	0 25	24 12	0 28	15 41	1 34	17 8	16 41	9 51	9 14	16 42		n.a.
F 7	21 46	16 29	2 26	20 21	2 11	23 9	0 55	4 26	1 47	11 50	0 53	24 8	0 25	24 12	0 28	15 42	1 34	17 8	16 41	9 50	9 13	16 43		n.a.
S 8	21 57	18 32	3 33	19 54	2 28	22 54	0 47	4 12	1 47	11 55	0 53	24 8	0 25	24 12	0 28	15 42	1 34	17 8	16 42	9 49	9 12	16 44		n.a.
S 9	22 6	19 15	4 25	19 27	2 44	22 40	0 39	3 59	1 47	11 59	0 53	24 8	0 25	24 12	0 28	15 43	1 34	17 8	16 42	9 46	9 11	16 45		n.a.
M10	22 16	18 35	4 57	19 1	2 57	22 25	0 31	3 46	1 48	12 3	0 53	24 8	0 25	24 12	0 28	15 43	1 35	17 8	16 43	9 43	9 10	16 46		n.a.
T 11	22 25	16 42	5 9	18 38	3 8	22 10	0 22	3 32	1 48	12 7	0 53	24 7	0 25	24 12	0 28	15 44	1 35	17 8	16 43	9 41	9 8	16 46		n.a.
W12	22 33	13 51	5 1	18 17	3 16	21 55	0 13	3 19	1 48	12 11	0 53	24 7	0 25	24 12	0 28	15 45	1 35	17 8	16 44	9 39	9 7	16 47		n.a.
T 13	22 42	10 19	4 36	17 58	3 22	21 40	0 4	3 5	1 48	12 16	0 53	24 7	0 25	24 12	0 28	15 45	1 35	17 9	16 44	9 37	9 6	16 48		n.a.
F 14	22 49	6 24	3 57	17 43	3 26	21 24	0n 6	2 52	1 49	12 20	0 53	24 7	0 26	24 12	0 28	15 46	1 35	17 9	16 45	9 36	9 5	16 49		n.a.
S 15	22 56	2 19	3 8	17 31	3 27	21 9	0 16	2 38	1 49	12 24	0 53	24 6	0 26	24 13	0 28	15 46	1 35	17 9	16 45	9 36	9 4	16 50		n.a.
S 16	23 3	1s46	2 11	17 23	3 27	20 53	0 26	2 25	1 49	12 28	0 53	24 6	0 26	24 13	0 28	15 47	1 35	17 9	16 46	9 36	9 2	16 51		n.a.
M17	23 9	5 42	1 9	17 18	3 25	20 37	0 37	2 12	1 49	12 32	0 53	24 6	0 26	24 13	0 28	15 48	1 35	17 9	16 46	9 37	9 1	16 52		n.a.
T 18	23 15	9 21	0 5	17 17	3 21	20 22	0 48	1 58	1 50	12 36	0 53	24 6	0 26	24 13	0 28	15 48	1 35	17 9	16 47	9 37	9 0	16 52		n.a.
W19	23 21	12 35	0n58	17 18	3 16	20 6	0 59	1 45	1 50	12 39	0 53	24 5	0 26	24 13	0 28	15 49	1 35	17 10	16 48	9 37	8 59	16 53		n.a.
T 20	23 26	15 18	1 59	17 23	3 9	19 50	1 10	1 32	1 50	12 43	0 53	24 5	0 26	24 13	0 28	15 49	1 35	17 10	16 48	9 35	8 58	16 54		n.a.
F 21	23 30	17 24	2 54	17 30	3 2	19 34	1 22	1 19	1 50	12 47	0 53	24 5	0 26	24 13	0 28	15 50	1 35	17 10	16 49	9 33	8 56	16 55		n.a.
S 22	23 34	18 45	3 42	17 39	2 54	19 19	1 34	1 6	1 51	12 51	0 53	24 4	0 26	24 13	0 28	15 50	1 35	17 10	16 49	9 30	8 55	16 56		n.a.
S 23	23 37	19 17	4 20	17 51	2 46	19 3	1 46	0 53	1 51	12 55	0 53	24 4	0 26	24 13	0 28	15 51	1 35	17 11	16 50	9 26	8 54	16 57		n.a.
M24	23 40	18 56	4 47	18 4	2 37	18 48	1 59	0 39	1 51	12 58	0 53	24 4	0 26	24 13	0 28	15 51	1 35	17 11	16 50	9 22	8 53	16 57		n.a.
T 25	23 43	17 44	5 1	18 19	2 27	18 32	2 12	0 26	1 51	13 2	0 53	24 4	0 26	24 13	0 28	15 52	1 35	17 11	16 51	9 17	8 52	16 58		n.a.
W26	23 45	15 42	5 2	18 35	2 18	18 17	2 25	0 13	1 51	13 6	0 53	24 3	0 26	24 14	0 28	15 52	1 35	17 12	16 51	9 13	8 50	16 59		n.a.
T 27	23 47	12 54	4 48	18 52	2 8	18 2	2 38	0 1	1 52	13 9	0 53	24 3	0 26	24 14	0 28	15 53	1 35	17 12	16 52	9 9	8 49	17 0		n.a.
F 28	23 48	9 29	4 20	19 10	1 58	17 48	2 52	0s12	1 52	13 13	0 53	24 3	0 26	24 14	0 28	15 53	1 35	17 12	16 53	9 7	8 48	17 1		n.a.
S 29	23 48	5 33	3 37	19 29	1 48	17 33	3 6	0 25	1 52	13 17	0 53	24 2	0 27	24 14	0 28	15 54	1 35	17 13	16 53	9 5	8 47	17 1		n.a.
S 30	23 49	1 16	2 43	19 48	1 38	17 19	3 20	0 38	1 52	13 20	0 53	24 2	0 27	24 14	0 28	15 54	1 35	17 13	16 54	9 4	8 46	17 2		n.a.
M31	23s48	3n10	1n39	20s 8	1n28	17s 6	3n34	0s51	1n52	13s23	0n53	24s 1	0s27	24n14	0n28	15s55	1n35	17n13	16n54	9s 4	8s44	17s 3		n.a.

Julian Day Number = 1362351.5, Delta T = 06h57m50s
Ecliptic obliquity = 23°48'36, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°38'52, Lahiri = -17°31'52 Julian Calendar 1 Dec. 984 BCE == Greg. Calendar 22 Nov. 984 BCE

The year -983 astronomical counting style corresponds to year 984 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 983 BCE
geocentric

JANUARY 983 BCE (-982) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 3 29	2♑10'46	17♈58	6♐34	29°R23	6♎53	7♏41	7♑50	3°R19	17♏56	25♍32	22°R58	22♎ 4	27♏56	n.a.	T 1
W 2	6 7 25	3°11'33	2♉ 9	7°34	29♑17	7°25	7°51	7°58	3♋16	17°58	25°32	22♎58	22° 0	28° 3	n.a.	W 2
T 3	6 11 22	4°12'17	16°41	8°36	29° 8	7°57	8° 1	8° 5	3°14	17°59	25°33	22°56	21°57	28°10	n.a.	T 3
F 4	6 15 19	5°13'00	1♊31	9°41	28°57	8°29	8°11	8°12	3°11	18° 1	25°33	22°52	21°54	28°16	n.a.	F 4
S 5	6 19 15	6°13'41	16°31	10°48	28°43	9° 0	8°21	8°19	3° 9	18° 3	25°33	22°44	21°51	28°23	n.a.	S 5
S 6	6 23 12	7°14'20	1♋34	11°58	28°27	9°32	8°31	8°27	3° 6	18° 4	25°33	22°34	21°48	28°30	n.a.	S 6
M 7	6 27 8	8°14'58	16°30	13° 9	28° 8	10° 3	8°41	8°34	3° 3	18° 6	25°R33	22°23	21°45	28°36	n.a.	M 7
T 8	6 31 5	9°15'34	1♌10	14°22	27°47	10°34	8°51	8°41	3° 1	18° 8	25°33	22°12	21°41	28°43	n.a.	T 8
W 9	6 35 1	10°16'08	15°26	15°37	27°24	11° 6	9° 1	8°48	2°58	18° 9	25°33	22° 1	21°38	28°50	n.a.	W 9
T 10	6 38 58	11°16'41	29°13	16°53	26°58	11°36	9°10	8°56	2°56	18°11	25°33	21°53	21°35	28°56	n.a.	T 10
F 11	6 42 54	12°17'13	12♍32	18°11	26°30	12° 7	9°20	9° 3	2°53	18°12	25°33	21°47	21°32	29° 3	n.a.	F 11
S 12	6 46 51	13°17'42	25°23	19°30	26° 1	12°38	9°29	9°10	2°50	18°14	25°32	21°44	21°29	29°10	n.a.	S 12
S 13	6 50 48	14°18'11	7♎51	20°51	25°29	13° 8	9°38	9°18	2°48	18°15	25°32	21°43	21°26	29°16	n.a.	S 13
M14	6 54 44	15°18'38	20° 0	22°13	24°56	13°39	9°47	9°25	2°45	18°17	25°32	21°43	21°22	29°23	n.a.	M14
T 15	6 58 41	16°19'03	1♏57	23°36	24°22	14° 9	9°56	9°32	2°43	18°18	25°32	21°43	21°19	29°30	n.a.	T 15
W16	7 2 37	17°19'27	13°46	25° 0	23°46	14°39	10° 5	9°39	2°40	18°20	25°31	21°41	21°16	29°36	n.a.	W16
T 17	7 6 34	18°19'49	25°33	26°26	23°10	15° 9	10°14	9°47	2°38	18°21	25°31	21°38	21°13	29°43	n.a.	T 17
F 18	7 10 30	19°20'10	7♐23	27°53	22°33	15°39	10°22	9°54	2°35	18°22	25°31	21°31	21°10	29°50	n.a.	F 18
S 19	7 14 27	20°20'29	19°18	29°20	21°55	16° 8	10°31	10° 1	2°33	18°24	25°30	21°21	21° 6	29°56	n.a.	S 19
S 20	7 18 23	21°20'46	1♑22	0♑49	21°17	16°38	10°39	10° 8	2°30	18°25	25°30	21° 9	21° 3	0♐ 3	n.a.	S 20
M21	7 22 20	22°21'01	13°37	2°19	20°40	17° 7	10°47	10°15	2°28	18°26	25°29	20°55	21° 0	0°10	n.a.	M21
T 22	7 26 17	23°21'14	26° 3	3°51	20° 3	17°36	10°55	10°23	2°25	18°27	25°29	20°41	20°57	0°16	n.a.	T 22
W23	7 30 13	24°21'26	8♒40	5°23	19°26	18° 5	11° 3	10°30	2°23	18°29	25°28	20°27	20°54	0°23	n.a.	W23
T 24	7 34 10	25°21'35	21°29	6°56	18°50	18°33	11°11	10°37	2°21	18°30	25°28	20°15	20°51	0°30	n.a.	T 24
F 25	7 38 6	26°21'42	4♓28	8°31	18°15	19° 2	11°19	10°44	2°18	18°31	25°27	20° 6	20°47	0°36	n.a.	F 25
S 26	7 42 3	27°21'47	17°39	10° 6	17°41	19°30	11°26	10°51	2°16	18°32	25°26	20° 0	20°44	0°43	n.a.	S 26
S 27	7 45 59	28°21'50	1♈ 1	11°43	17° 9	19°58	11°34	10°58	2°14	18°33	25°26	19°57	20°41	0°50	n.a.	S 27
M28	7 49 56	29°21'50	14°35	13°20	16°39	20°26	11°41	11° 5	2°11	18°34	25°25	19°56	20°38	0°56	n.a.	M28
T 29	7 53 52	0♒21'48	28°22	14°59	16°10	20°53	11°48	11°12	2° 9	18°35	25°24	19°56	20°35	1° 3	n.a.	T 29
W30	7 57 49	1°21'44	12♉23	16°39	15°44	21°21	11°55	11°19	2° 7	18°36	25°24	19°55	20°32	1°10	n.a.	W30
T 31	8 1 46	2♒21'37	26♉38	18♑20	15♑19	21♎48	12♏ 2	11♑26	2♋ 5	18♏37	25♍23	19♎54	20♎28	1♐16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	23s47	7n34	0n27	20s27	1n18	16s53	3n48	1s 3	1n53	13s27	0n53	24s 1	0s27	24n14	0n28	15s55	1n35	17n14	16n55	9s 4		8s43		17s 4			n.a.
W 2	23 46	11 39	0s49	20 47	1 8	16 40	4 3	1 16	1 53	13 30	0 53	24 1	0 27	24 14	0 28	15 56	1 35	17 14	16 55	9 4		8 42		17 5			n.a.
T 3	23 45	15 8	2 2	21 7	0 59	16 27	4 17	1 29	1 53	13 34	0 53	24 0	0 27	24 14	0 28	15 56	1 35	17 15	16 56	9 3		8 41		17 5			n.a.
F 4	23 42	17 42	3 9	21 26	0 49	16 15	4 32	1 41	1 53	13 37	0 53	24 0	0 27	24 14	0 28	15 57	1 35	17 15	16 56	9 1		8 40		17 6			n.a.
S 5	23 40	19 4	4 4	21 45	0 40	16 4	4 46	1 54	1 53	13 40	0 53	24 0	0 27	24 14	0 28	15 57	1 35	17 16	16 57	8 59		8 38		17 7			n.a.
S 6	23 37	19 6	4 42	22 4	0 30	15 53	5 0	2 6	1 53	13 43	0 53	23 59	0 27	24 14	0 28	15 57	1 35	17 16	16 58	8 55		8 37		17 8			n.a.
M 7	23 33	17 49	5 0	22 23	0 21	15 43	5 15	2 18	1 54	13 47	0 53	23 59	0 27	24 14	0 28	15 58	1 35	17 17	16 58	8 51		8 36		17 9			n.a.
T 8	23 29	15 22	4 58	22 40	0 12	15 33	5 29	2 31	1 54	13 50	0 53	23 58	0 27	24 14	0 28	15 58	1 35	17 17	16 59	8 46		8 35		17 9			n.a.
W 9	23 24	12 3	4 37	22 57	0 4	15 24	5 42	2 43	1 54	13 53	0 53	23 58	0 27	24 15	0 28	15 59	1 35	17 18	16 59	8 42		8 34		17 10			n.a.
T 10	23 19	8 10	4 0	23 14	0s 5	15 16	5 56	2 55	1 54	13 56	0 54	23 58	0 27	24 15	0 28	15 59	1 35	17 18	17 0	8 39		8 32		17 11			n.a.
F 11	23 14	4 1	3 12	23 30	0 13	15 8	6 9	3 7	1 54	13 59	0 54	23 57	0 27	24 15	0 28	16 0	1 35	17 19	17 0	8 37		8 31		17 12			n.a.
S 12	23 8	0s12	2 15	23 44	0 21	15 1	6 22	3 19	1 54	14 2	0 54	23 57	0 28	24 15	0 28	16 0	1 35	17 19	17 1	8 36		8 30		17 12			n.a.
S 13	23 2	4 16	1 13	23 58	0 29	14 55	6 34	3 31	1 54	14 5	0 54	23 56	0 28	24 15	0 28	16 0	1 35	17 20	17 1	8 36		8 29		17 13			n.a.
M14	22 55	8 5	0 9	24 11	0 37	14 49	6 46	3 43	1 54	14 7	0 54	23 56	0 28	24 15	0 28	16 1	1 35	17 20	17 2	8 36		8 28		17 14			n.a.
T 15	22 48	11 30	0n54	24 23	0 44	14 44	6 57	3 54	1 55	14 10	0 54	23 55	0 28	24 15	0 28	16 1	1 35	17 21	17 2	8 35		8 26		17 15			n.a.
W16	22 40	14 24	1 54	24 34	0 51	14 40	7 7	4 6	1 55	14 13	0 54	23 55	0 28	24 15	0 28	16 1	1 35	17 22	17 3	8 35		8 25		17 15			n.a.
T 17	22 32	16 43	2 49	24 43	0 58	14 37	7 17	4 18	1 55	14 16	0 54	23 54	0 28	24 15	0 28	16 2	1 36	17 22	17 3	8 33		8 24		17 16			n.a.
F 18	22 23	18 19	3 36	24 52	1 4	14 34	7 26	4 29	1 55	14 18	0 54	23 54	0 28	24 15	0 28	16 2	1 36	17 23	17 4	8 31		8 23		17 17			n.a.
S 19	22 15	19 8	4 15	24 59	1 10	14 32	7 34	4 41	1 55	14 21	0 54	23 54	0 28	24 15	0 28	16 2	1 36	17 23	17 4	8 27		8 22		17 18			n.a.
S 20	22 5	19 6	4 42	25 5	1 16	14 30	7 41	4 52	1 55	14 24	0 54	23 53	0 28	24 15	0 28	16 3	1 36	17 24	17 5	8 23		8 20		17 18			n.a.
M21	21 55	18 10	4 57	25 9	1 22	14 30	7 47	5 3	1 55	14 26	0 54	23 53	0 28	24 15	0 28	16 3	1 36	17 25	17 5	8 17		8 19		17 19			n.a.
T 22	21 45	16 23	4 58	25 13	1 27	14 30	7 52	5 15	1 55	14 29	0 54	23 52	0 28	24 15	0 28	16 3	1 36	17 25	17 6	8 12		8 18		17 20			n.a.
W23	21 35	13 47	4 45	25 14	1 32	14 31	7 57	5 26	1 55	14 31	0 54	23 52	0 28	24 15	0 28	16 4	1 36	17 26	17 6	8 7		8 17		17 21			n.a.
T 24	21 24	10 30	4 17	25 14	1 37	14 32	8 0	5 37	1 55	14 34	0 54	23 51	0 29	24 15	0 28	16 4	1 36	17 27	17 7	8 2		8 16		17 21			n.a.
F 25	21 12	6 41	3 36	25 13	1 41	14 34	8 3	5 48	1 55	14 36	0 54	23 51	0 29	24 15	0 28	16 4	1 36	17 27	17 7	7 59		8 14		17 22			n.a.
S 26	21 1	2 29	2 42	25 10	1 46	14 36	8 5	5 58	1 55	14 38	0 54	23 50	0 29	24 15	0 28	16 4	1 36	17 28	17 8	7 56		8 13		17 23			n.a.
S 27	20 48	1n55	1 38	25 6	1 49	14 40	8 6	6 9	1 55	14 40	0 54	23 50	0 29	24 15	0 28	16 5	1 36	17 29	17 8	7 55		8 12		17 23			n.a.
M28	20 36	6 16	0 28	25 0	1 52	14 43	8 6	6 20	1 55	14 43	0 54	23 49	0 29	24 16	0 28	16 5	1 36	17 30	17 9	7 55		8 11		17 24			n.a.
T 29	20 23	10 22	0s45	24 52	1 55	14 47	8 5	6 30	1 55	14 45	0 55	23 49	0 29	24 16	0 28	16 5	1 36	17 30	17 9	7 55		8 9		17 25			n.a.
W30	20 10	13 57	1 56	24 42	1 58	14 52	8 3	6 41	1 55	14 47	0 55	23 48	0 29	24 16	0 28	16 5	1 36	17 31	17 10	7 54		8 8		17 26			n.a.
T 31	19s56	16n46	3s 1	24s31	2s 0	14s57	8n 1	6s51	1n55	14s49	0n55	23s48	0s29	24n16	0n28	16s 6	1n36	17n32	17n10	7s54		8s 7		17s26			n.a.

Julian Day Number = 1362382.5, Delta T = 06h57m49s
Ecliptic obliquity = 23°48'36, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°38'48, Lahiri = -17°31'47 Julian Calendar 1 Jan. 983 BCE == Greg. Calendar 23 Dec. 984 BCE

The year -982 astronomical counting style corresponds to year 983 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 983 BCE
geocentric

FEBRUARY 983 BCE (-982) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 5 42	3♒21'28	11♊ 5	20♉ 2	14°R57	22♎15	12♏ 8	11♉33	2°R 3	18♏38	25°R22	19°R49	20♎25	1♐23	n.a.	F 1
S 2	8 9 39	4°21'17	25°41	21°45	14♉37	22°42	12°15	11°40	2♋ 1	18°39	25♍21	19♎42	20°22	1°30	n.a.	S 2
S 3	8 13 35	5°21'03	10♋19	23°29	14°19	23° 8	12°21	11°47	1°58	18°40	25°20	19°33	20°19	1°37	n.a.	S 3
M 4	8 17 32	6°20'47	24°53	25°15	14° 4	23°34	12°28	11°54	1°56	18°41	25°19	19°22	20°16	1°43	n.a.	M 4
T 5	8 21 28	7°20'29	9♌16	27° 1	13°51	24° 0	12°34	12° 1	1°54	18°41	25°18	19°10	20°12	1°50	n.a.	T 5
W 6	8 25 25	8°20'09	23°21	28°49	13°40	24°26	12°40	12° 7	1°52	18°42	25°17	19° 0	20° 9	1°57	n.a.	W 6
T 7	8 29 21	9°19'46	7♍ 3	0♒38	13°33	24°52	12°45	12°14	1°51	18°43	25°16	18°52	20° 6	2° 3	n.a.	T 7
F 8	8 33 18	10°19'22	20°20	2°29	13°27	25°17	12°51	12°21	1°49	18°43	25°15	18°46	20° 3	2°10	n.a.	F 8
S 9	8 37 15	11°18'55	3♎13	4°20	13°24	25°42	12°56	12°28	1°47	18°44	25°14	18°42	20° 0	2°17	n.a.	S 9
S 10	8 41 11	12°18'27	15°44	6°13	13°D24	26° 7	13° 2	12°34	1°45	18°45	25°13	18°D41	19°57	2°23	n.a.	S 10
M11	8 45 8	13°17'56	27°57	8° 7	13°26	26°31	13° 7	12°41	1°43	18°45	25°12	18°42	19°53	2°30	n.a.	M11
T 12	8 49 4	14°17'24	9♏57	10° 2	13°30	26°55	13°12	12°48	1°41	18°46	25°11	18°R42	19°50	2°37	n.a.	T 12
W13	8 53 1	15°16'50	21°48	11°58	13°37	27°19	13°16	12°54	1°40	18°46	25°10	18°42	19°47	2°43	n.a.	W13
T 14	8 56 57	16°16'14	3♐38	13°55	13°46	27°43	13°21	13° 1	1°38	18°47	25° 9	18°40	19°44	2°50	n.a.	T 14
F 15	9 0 54	17°15'36	15°30	15°54	13°57	28° 6	13°25	13° 7	1°36	18°47	25° 7	18°36	19°41	2°57	n.a.	F 15
S 16	9 4 50	18°14'56	27°29	17°53	14°10	28°29	13°30	13°13	1°35	18°48	25° 6	18°30	19°38	3° 3	n.a.	S 16
S 17	9 8 47	19°14'15	9♑39	19°54	14°25	28°52	13°34	13°20	1°33	18°48	25° 5	18°21	19°34	3°10	n.a.	S 17
M18	9 12 43	20°13'31	22° 2	21°55	14°43	29°14	13°38	13°26	1°32	18°49	25° 4	18°11	19°31	3°17	n.a.	M18
T 19	9 16 40	21°12'45	4♒41	23°57	15° 2	29°36	13°41	13°33	1°30	18°49	25° 2	18° 1	19°28	3°23	n.a.	T 19
W20	9 20 37	22°11'57	17°35	25°59	15°23	29°57	13°45	13°39	1°29	18°49	25° 1	17°51	19°25	3°30	n.a.	W20
T 21	9 24 33	23°11'07	0♓44	28° 2	15°46	0♏19	13°48	13°45	1°28	18°50	25° 0	17°42	19°22	3°37	n.a.	T 21
F 22	9 28 30	24°10'14	14° 7	0♓ 5	16°10	0°39	13°52	13°51	1°26	18°50	24°58	17°35	19°18	3°43	n.a.	F 22
S 23	9 32 26	25° 9'20	27°40	2° 8	16°36	1° 0	13°55	13°57	1°25	18°50	24°57	17°31	19°15	3°50	n.a.	S 23
S 24	9 36 23	26° 8'22	11♈24	4°10	17° 4	1°20	13°58	14° 3	1°24	18°50	24°55	17°D29	19°12	3°57	n.a.	S 24
M25	9 40 19	27° 7'23	25°16	6°12	17°33	1°40	14° 0	14° 9	1°23	18°50	24°54	17°29	19° 9	4° 4	n.a.	M25
T 26	9 44 16	28° 6'21	9♉14	8°13	18° 4	1°59	14° 3	14°15	1°22	18°50	24°53	17°30	19° 6	4°10	n.a.	T 26
W27	9 48 12	29° 5'17	23°18	10°12	18°36	2°18	14° 5	14°21	1°21	18°50	24°51	17°R31	19° 3	4°17	n.a.	W27
T 28	9 52 9	0♓ 4'10	7♊28	12♓10	19♉10	2♏36	14♏ 7	14♉27	1♋20	18♏50	24♍50	17♎31	18♎59	4♐24	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s42	18n33	3s56	24s18	2s 2	15s 3	7n58	7s 1	1n55	14s51	0n55	23s47	0s29	24n16	0n28	16s 6	1n36	17n32	17n11	7s52	8s 6	17s27		n.a.
S 2	19 28	19 9	4 36	24 3	2 3	15 9	7 54	7 12	1 55	14 53	0 55	23 47	0 29	24 16	0 28	16 6	1 36	17 33	17 11	7 49	8 5	17 28		n.a.
S 3	19 13	18 27	4 58	23 46	2 4	15 15	7 49	7 22	1 54	14 55	0 55	23 46	0 29	24 16	0 28	16 6	1 36	17 34	17 12	7 46	8 3	17 28		n.a.
M 4	18 59	16 34	5 0	23 27	2 4	15 22	7 44	7 32	1 54	14 57	0 55	23 46	0 30	24 16	0 28	16 6	1 36	17 35	17 12	7 42	8 2	17 29		n.a.
T 5	18 43	13 40	4 43	23 7	2 4	15 28	7 39	7 41	1 54	14 58	0 55	23 45	0 30	24 16	0 28	16 7	1 36	17 36	17 13	7 37	8 1	17 30		n.a.
W 6	18 28	10 1	4 10	22 44	2 4	15 35	7 33	7 51	1 54	15 0	0 55	23 44	0 30	24 16	0 28	16 7	1 36	17 36	17 13	7 33	8 0	17 30		n.a.
T 7	18 12	5 56	3 22	22 19	2 3	15 43	7 26	8 1	1 54	15 2	0 55	23 44	0 30	24 16	0 28	16 7	1 36	17 37	17 13	7 30	7 59	17 31		n.a.
F 8	17 56	1 40	2 25	21 53	2 1	15 50	7 19	8 10	1 54	15 4	0 55	23 43	0 30	24 16	0 28	16 7	1 36	17 38	17 14	7 28	7 57	17 32		n.a.
S 9	17 39	2s33	1 21	21 24	1 59	15 58	7 12	8 20	1 53	15 5	0 55	23 43	0 30	24 16	0 28	16 7	1 36	17 39	17 14	7 26	7 56	17 32		n.a.
S 10	17 22	6 32	0 16	20 54	1 57	16 5	7 4	8 29	1 53	15 7	0 55	23 42	0 30	24 16	0 28	16 7	1 37	17 39	17 15	7 26	7 55	17 33		n.a.
M11	17 5	10 9	0n49	20 21	1 54	16 13	6 56	8 38	1 53	15 8	0 55	23 42	0 30	24 16	0 28	16 7	1 37	17 40	17 15	7 26	7 54	17 34		n.a.
T 12	16 48	13 16	1 51	19 46	1 50	16 21	6 48	8 47	1 53	15 10	0 56	23 41	0 30	24 16	0 28	16 8	1 37	17 41	17 15	7 26	7 52	17 34		n.a.
W13	16 30	15 49	2 47	19 10	1 46	16 28	6 40	8 56	1 52	15 11	0 56	23 41	0 30	24 16	0 28	16 8	1 37	17 42	17 16	7 26	7 51	17 35		n.a.
T 14	16 12	17 40	3 36	18 31	1 41	16 36	6 31	9 5	1 52	15 12	0 56	23 40	0 31	24 16	0 28	16 8	1 37	17 43	17 16	7 26	7 50	17 36		n.a.
F 15	15 54	18 46	4 16	17 51	1 36	16 43	6 23	9 13	1 52	15 14	0 56	23 40	0 31	24 16	0 28	16 8	1 37	17 43	17 16	7 24	7 49	17 36		n.a.
S 16	15 36	19 3	4 45	17 8	1 30	16 51	6 14	9 22	1 51	15 15	0 56	23 39	0 31	24 16	0 28	16 8	1 37	17 44	17 17	7 22	7 48	17 37		n.a.
S 17	15 17	18 27	5 1	16 24	1 24	16 58	6 5	9 31	1 51	15 16	0 56	23 39	0 31	24 16	0 28	16 8	1 37	17 45	17 17	7 18	7 46	17 38		n.a.
M18	14 58	16 59	5 4	15 38	1 17	17 5	5 56	9 39	1 51	15 17	0 56	23 38	0 31	24 16	0 28	16 8	1 37	17 46	17 17	7 14	7 45	17 38		n.a.
T 19	14 39	14 40	4 52	14 50	1 9	17 13	5 47	9 47	1 50	15 18	0 56	23 37	0 31	24 16	0 28	16 8	1 37	17 47	17 18	7 10	7 44	17 39		n.a.
W20	14 20	11 36	4 25	14 0	1 1	17 19	5 37	9 55	1 50	15 19	0 56	23 37	0 31	24 16	0 28	16 8	1 37	17 48	17 18	7 6	7 43	17 40		n.a.
T 21	14 0	7 54	3 44	13 9	0 52	17 26	5 28	10 3	1 49	15 20	0 56	23 36	0 31	24 16	0 28	16 8	1 37	17 48	17 18	7 3	7 41	17 40		n.a.
F 22	13 40	3 45	2 49	12 17	0 43	17 32	5 19	10 11	1 49	15 21	0 56	23 36	0 31	24 16	0 28	16 8	1 37	17 49	17 19	7 0	7 40	17 41		n.a.
S 23	13 20	0n39	1 44	11 23	0 33	17 38	5 10	10 18	1 48	15 22	0 56	23 35	0 32	24 16	0 28	16 8	1 37	17 50	17 19	6 59	7 39	17 42		n.a.
S 24	13 0	5 5	0 33	10 29	0 23	17 44	5 0	10 26	1 48	15 23	0 56	23 35	0 32	24 16	0 28	16 8	1 37	17 51	17 19	6 58	7 38	17 42		n.a.
M25	12 40	9 16	0s42	9 34	0 12	17 50	4 51	10 33	1 47	15 23	0 56	23 34	0 32	24 16	0 28	16 8	1 37	17 52	17 20	6 58	7 37	17 43		n.a.
T 26	12 19	12 59	1 55	8 38	0 1	17 55	4 42	10 41	1 47	15 24	0 56	23 34	0 32	24 16	0 28	16 8	1 37	17 52	17 20	6 58	7 35	17 43		n.a.
W27	11 58	15 58	3 1	7 42	0n11	18 0	4 33	10 48	1 46	15 25	0 57	23 33	0 32	24 16	0 28	16 8	1 37	17 53	17 20	6 59	7 34	17 44		n.a.
T 28	11s37	18n 0	3s57	6s46	0n22	18s 4	4n23	10s55	1n46	15s25	0n57	23s33	0s32	24n16	0n28	16s 8	1n37	17n54	17n20	6s59	7s33	17s45		n.a.

Julian Day Number = 1362413.5, Delta T = 06h57m47s
Ecliptic obliquity = 23°48'36, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°38'44, Lahiri = -17°31'43 Julian Calendar 1 Feb. 983 BCE == Greg. Calendar 23 Jan. 983 BCE

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ASTRODIENST EPHEMERIS for the year 983 BCE
geocentric

MARCH 983 BCE (-982) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 56 5	1♓ 3'01	21♊40	14♓ 6	19♉45	2♏54	14♏ 9	14♉33	1°R19	18°R50	24°R48	17°R29	18♎56	4♐30	n.a.	F 1
S 2	10 0 2	2° 1'50	5♋54	15°59	20°21	3°12	14°11	14°38	1♋18	18♏50	24♍47	17♎26	18°53	4°37	n.a.	S 2
S 3	10 3 59	3° 0'36	20° 6	17°49	20°59	3°29	14°12	14°44	1°17	18°50	24°45	17°20	18°50	4°44	n.a.	S 3
M 4	10 7 55	3°59'20	4♌11	19°36	21°37	3°45	14°14	14°50	1°16	18°50	24°44	17°13	18°47	4°50	n.a.	M 4
T 5	10 11 52	4°58'01	18° 7	21°20	22°17	4° 2	14°15	14°55	1°15	18°50	24°42	17° 6	18°43	4°57	n.a.	T 5
W 6	10 15 48	5°56'40	1♍49	23° 0	22°58	4°17	14°16	15° 1	1°15	18°50	24°40	17° 0	18°40	5° 4	n.a.	W 6
T 7	10 19 45	6°55'17	15°13	24°36	23°39	4°33	14°17	15° 6	1°14	18°50	24°39	16°55	18°37	5°10	n.a.	T 7
F 8	10 23 41	7°53'52	28°18	26° 7	24°22	4°47	14°18	15°12	1°13	18°50	24°37	16°51	18°34	5°17	n.a.	F 8
S 9	10 27 38	8°52'25	11♎ 4	27°34	25° 6	5° 2	14°18	15°17	1°13	18°49	24°36	16°D50	18°31	5°24	n.a.	S 9
S 10	10 31 34	9°50'56	23°32	28°56	25°51	5°15	14°18	15°22	1°12	18°49	24°34	16°50	18°28	5°30	n.a.	S 10
M11	10 35 31	10°49'26	5♏45	0♈13	26°36	5°29	14°R18	15°27	1°12	18°49	24°32	16°51	18°24	5°37	n.a.	M11
T 12	10 39 27	11°47'53	17°45	1°25	27°23	5°41	14°18	15°32	1°12	18°48	24°31	16°53	18°21	5°44	n.a.	T 12
W13	10 43 24	12°46'19	29°39	2°32	28°10	5°53	14°18	15°37	1°11	18°48	24°29	16°54	18°18	5°51	n.a.	W13
T 14	10 47 21	13°44'43	11♐30	3°33	28°58	6° 5	14°18	15°42	1°11	18°47	24°27	16°R55	18°15	5°57	n.a.	T 14
F 15	10 51 17	14°43'06	23°24	4°29	29°47	6°16	14°17	15°47	1°11	18°47	24°26	16°55	18°12	6° 4	n.a.	F 15
S 16	10 55 14	15°41'26	5♑25	5°19	0♒37	6°26	14°16	15°52	1°11	18°47	24°24	16°53	18° 9	6°11	n.a.	S 16
S 17	10 59 10	16°39'45	17°37	6° 3	1°27	6°36	14°15	15°57	1°10	18°46	24°22	16°50	18° 5	6°17	n.a.	S 17
M18	11 3 7	17°38'03	0♒ 5	6°42	2°18	6°45	14°14	16° 2	1°10	18°46	24°21	16°46	18° 2	6°24	n.a.	M18
T 19	11 7 3	18°36'18	12°51	7°16	3°10	6°54	14°12	16° 6	1°D10	18°45	24°19	16°41	17°59	6°31	n.a.	T 19
W20	11 11 0	19°34'32	25°57	7°43	4° 2	7° 2	14°11	16°11	1°10	18°44	24°17	16°37	17°56	6°37	n.a.	W20
T 21	11 14 56	20°32'44	9♓23	8° 5	4°55	7° 9	14° 9	16°15	1°10	18°44	24°16	16°33	17°53	6°44	n.a.	T 21
F 22	11 18 53	21°30'54	23° 6	8°21	5°48	7°15	14° 7	16°20	1°11	18°43	24°14	16°31	17°49	6°51	n.a.	F 22
S 23	11 22 50	22°29'02	7♈ 5	8°31	6°42	7°21	14° 5	16°24	1°11	18°42	24°12	16°29	17°46	6°57	n.a.	S 23
S 24	11 26 46	23°27'09	21°15	8°R36	7°37	7°26	14° 3	16°28	1°11	18°42	24°11	16°D29	17°43	7° 4	n.a.	S 24
M25	11 30 43	24°25'13	5♉32	8°35	8°32	7°31	14° 0	16°32	1°11	18°41	24° 9	16°30	17°40	7°11	n.a.	M25
T 26	11 34 39	25°23'16	19°53	8°29	9°27	7°35	13°57	16°36	1°12	18°40	24° 7	16°31	17°37	7°17	n.a.	T 26
W27	11 38 36	26°21'16	4♊13	8°18	10°23	7°38	13°54	16°40	1°12	18°39	24° 6	16°32	17°34	7°24	n.a.	W27
T 28	11 42 32	27°19'15	18°29	8° 2	11°19	7°40	13°51	16°44	1°13	18°38	24° 4	16°33	17°30	7°31	n.a.	T 28
F 29	11 46 29	28°17'11	2♋40	7°42	12°16	7°42	13°48	16°48	1°13	18°38	24° 2	16°R33	17°27	7°38	n.a.	F 29
S 30	11 50 25	29°15'06	16°42	7°18	13°13	7°43	13°45	16°52	1°14	18°37	24° 1	16°33	17°24	7°44	n.a.	S 30
S 31	11 54 22	0♈12'58	0♌34	6♈50	14♒11	7°R43	13♏41	16♉55	1♋14	18♏36	23♍59	16♎31	17♎21	7♐51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s16	18n55	4s38	5s50	0n34	18s 8	4n14	11s 2	1n45	15s26	0n57	23s32	0s32	24n16	0n28	16s 8	1n37	17n55	17n20	6s58	7s32	17s45		n.a.
S 2	10 55	18 38	5 2	4 54	0 46	18 12	4 5	11 8	1 44	15 26	0 57	23 32	0 32	24 16	0 28	16 8	1 37	17 56	17 21	6 57	7 30	17 46		n.a.
S 3	10 33	17 12	5 8	4 0	0 58	18 15	3 56	11 15	1 43	15 27	0 57	23 31	0 32	24 16	0 28	16 8	1 38	17 57	17 21	6 54	7 29	17 46		n.a.
M 4	10 12	14 44	4 55	3 6	1 10	18 18	3 47	11 21	1 43	15 27	0 57	23 31	0 33	24 16	0 28	16 8	1 38	17 57	17 21	6 52	7 28	17 47		n.a.
T 5	9 50	11 26	4 25	2 14	1 22	18 21	3 38	11 28	1 42	15 27	0 57	23 30	0 33	24 16	0 28	16 8	1 38	17 58	17 21	6 49	7 27	17 48		n.a.
W 6	9 28	7 35	3 40	1 24	1 33	18 23	3 30	11 34	1 41	15 28	0 57	23 30	0 33	24 16	0 28	16 8	1 38	17 59	17 21	6 47	7 26	17 48		n.a.
T 7	9 6	3 25	2 43	0 35	1 44	18 24	3 21	11 40	1 40	15 28	0 57	23 29	0 33	24 16	0 28	16 8	1 38	18 0	17 22	6 45	7 24	17 49		n.a.
F 8	8 44	0s49	1 39	0n12	1 55	18 25	3 12	11 46	1 39	15 28	0 57	23 29	0 33	24 16	0 28	16 8	1 38	18 1	17 22	6 43	7 23	17 49		n.a.
S 9	8 22	4 55	0 31	0 56	2 6	18 26	3 4	11 51	1 38	15 28	0 57	23 28	0 33	24 16	0 28	16 7	1 38	18 1	17 22	6 43	7 22	17 50		n.a.
S 10	8 0	8 43	0n36	1 38	2 15	18 26	2 55	11 57	1 37	15 28	0 57	23 28	0 33	24 16	0 28	16 7	1 38	18 2	17 22	6 43	7 21	17 51		n.a.
M11	7 37	12 3	1 41	2 18	2 25	18 26	2 47	12 2	1 36	15 28	0 57	23 27	0 33	24 16	0 28	16 7	1 38	18 3	17 22	6 43	7 19	17 51		n.a.
T 12	7 15	14 49	2 41	2 54	2 33	18 25	2 39	12 7	1 35	15 28	0 57	23 27	0 34	24 16	0 28	16 7	1 38	18 4	17 22	6 44	7 18	17 52		n.a.
W13	6 52	16 56	3 33	3 28	2 41	18 23	2 31	12 13	1 34	15 28	0 57	23 26	0 34	24 16	0 28	16 7	1 38	18 4	17 22	6 44	7 17	17 52		n.a.
T 14	6 29	18 18	4 15	3 59	2 48	18 21	2 23	12 17	1 33	15 28	0 58	23 26	0 34	24 16	0 28	16 7	1 38	18 5	17 23	6 45	7 16	17 53		n.a.
F 15	6 6	18 52	4 47	4 27	2 54	18 19	2 15	12 22	1 32	15 27	0 58	23 25	0 34	24 16	0 28	16 7	1 38	18 6	17 23	6 45	7 15	17 53		n.a.
S 16	5 44	18 35	5 7	4 52	2 59	18 16	2 7	12 27	1 31	15 27	0 58	23 25	0 34	24 16	0 28	16 6	1 38	18 7	17 23	6 44	7 13	17 54		n.a.
S 17	5 21	17 28	5 13	5 14	3 3	18 13	1 59	12 31	1 29	15 27	0 58	23 24	0 34	24 16	0 28	16 6	1 38	18 7	17 23	6 43	7 12	17 55		n.a.
M18	4 58	15 29	5 5	5 33	3 6	18 9	1 52	12 36	1 28	15 26	0 58	23 24	0 34	24 16	0 27	16 6	1 38	18 8	17 23	6 41	7 11	17 55		n.a.
T 19	4 34	12 43	4 41	5 48	3 8	18 4	1 44	12 40	1 27	15 26	0 58	23 23	0 34	24 16	0 27	16 6	1 38	18 9	17 23	6 39	7 10	17 56		n.a.
W20	4 11	9 16	4 3	6 0	3 9	17 59	1 37	12 44	1 25	15 25	0 58	23 23	0 35	24 16	0 27	16 6	1 38	18 10	17 23	6 38	7 8	17 56		n.a.
T 21	3 48	5 15	3 10	6 8	3 9	17 53	1 29	12 47	1 24	15 25	0 58	23 23	0 35	24 16	0 27	16 5	1 38	18 10	17 23	6 36	7 7	17 57		n.a.
F 22	3 25	0 52	2 5	6 13	3 7	17 47	1 22	12 51	1 22	15 24	0 58	23 22	0 35	24 16	0 27	16 5	1 38	18 11	17 23	6 35	7 6	17 57		n.a.
S 23	3 2	3n38	0 52	6 15	3 5	17 40	1 15	12 54	1 21	15 23	0 58	23 22	0 35	24 16	0 27	16 5	1 38	18 12	17 23	6 35	7 5	17 58		n.a.
S 24	2 38	8 0	0s26	6 13	3 1	17 33	1 8	12 58	1 19	15 23	0 58	23 21	0 35	24 16	0 27	16 5	1 38	18 12	17 23	6 35	7 3	17 58		n.a.
M25	2 15	11 57	1 43	6 8	2 55	17 25	1 1	13 1	1 18	15 22	0 58	23 21	0 35	24 16	0 27	16 4	1 38	18 13	17 23	6 35	7 2	17 59		n.a.
T 26	1 52	15 12	2 54	5 59	2 49	17 17	0 55	13 4	1 16	15 21	0 58	23 21	0 35	24 16	0 27	16 4	1 39	18 14	17 23	6 35	7 1	17 59		n.a.
W27	1 28	17 29	3 54	5 48	2 41	17 8	0 48	13 6	1 14	15 20	0 58	23 20	0 35	24 16	0 27	16 4	1 39	18 14	17 23	6 36	7 0	18 0		n.a.
T 28	1 5	18 40	4 39	5 33	2 32	16 59	0 42	13 9	1 12	15 19	0 58	23 20	0 36	24 16	0 27	16 4	1 39	18 15	17 23	6 36	6 59	18 1		n.a.
F 29	0 42	18 41	5 7	5 15	2 21	16 49	0 35	13 11	1 10	15 18	0 58	23 20	0 36	24 16	0 27	16 3	1 39	18 16	17 23	6 36	6 57	18 1		n.a.
S 30	0 18	17 32	5 16	4 55	2 9	16 39	0 29	13 13	1 8	15 17	0 58	23 19	0 36	24 16	0 27	16 3	1 39	18 16	17 23	6 36	6 56	18 2		n.a.
S 31	0n 5	15n21	5s 6	4n32	1n57	16s28	0n23	13s15	1n 6	15s16	0n58	23s19	0s36	24n16	0n27	16s 3	1n39	18n17	17n23	6s35	6s55	18s 2		n.a.

Julian Day Number = 1362441.5, Delta T = 06h57m46s
Ecliptic obliquity = 23°48'36, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°38'40, Lahiri = -17°31'39 Julian Calendar 1 March 983 BCE == Greg. Calendar 20 Feb. 983 BCE

The year -982 astronomical counting style corresponds to year 983 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 983 BCE
geocentric

APRIL 983 BCE (-982) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 58 18	1♈10'49	14♌15	6°R20	15♒ 9	7°R42	13°R38	16♑59	1♋15	18°R35	23°R57	16°R29	17♎18	7♐58	n.a.	M 1
T 2	12 2 15	2° 8'37	27°44	5♈47	16° 8	7♏41	13♏34	17° 3	1°16	18♏34	23♍56	16♎27	17°14	8° 4	n.a.	T 2
W 3	12 6 12	3° 6'24	10♍59	5°12	17° 6	7°39	13°30	17° 6	1°17	18°33	23°54	16°26	17°11	8°11	n.a.	W 3
T 4	12 10 8	4° 4'09	24° 0	4°36	18° 6	7°36	13°25	17° 9	1°17	18°32	23°52	16°24	17° 8	8°18	n.a.	T 4
F 5	12 14 5	5° 1'53	6♎46	3°59	19° 5	7°33	13°21	17°13	1°18	18°31	23°51	16°23	17° 5	8°24	n.a.	F 5
S 6	12 18 1	5°59'35	19°18	3°23	20° 5	7°29	13°16	17°16	1°19	18°30	23°49	16°D23	17° 2	8°31	n.a.	S 6
S 7	12 21 58	6°57'15	1♏37	2°47	21° 5	7°24	13°12	17°19	1°20	18°29	23°47	16°24	16°59	8°38	n.a.	S 7
M 8	12 25 54	7°54'55	13°45	2°13	22° 6	7°18	13° 7	17°22	1°21	18°28	23°46	16°24	16°55	8°44	n.a.	M 8
T 9	12 29 51	8°52'33	25°44	1°40	23° 7	7°11	13° 2	17°25	1°22	18°27	23°44	16°25	16°52	8°51	n.a.	T 9
W10	12 33 47	9°50'09	7♐37	1°10	24° 8	7° 4	12°57	17°27	1°23	18°25	23°42	16°26	16°49	8°58	n.a.	W10
T 11	12 37 44	10°47'45	19°29	0°43	25° 9	6°56	12°51	17°30	1°25	18°24	23°41	16°26	16°46	9° 5	n.a.	T 11
F 12	12 41 41	11°45'19	1♑23	0°20	26°11	6°48	12°46	17°33	1°26	18°23	23°39	16°27	16°43	9°11	n.a.	F 12
S 13	12 45 37	12°42'53	13°23	29♓59	27°13	6°38	12°40	17°35	1°27	18°22	23°38	16°R27	16°40	9°18	n.a.	S 13
S 14	12 49 34	13°40'25	25°35	29°43	28°15	6°28	12°35	17°38	1°29	18°21	23°36	16°27	16°36	9°25	n.a.	S 14
M15	12 53 30	14°37'56	8♒ 3	29°31	29°18	6°17	12°29	17°40	1°30	18°19	23°34	16°27	16°33	9°31	n.a.	M15
T 16	12 57 27	15°35'26	20°51	29°23	0♓21	6° 5	12°23	17°42	1°31	18°18	23°33	16°27	16°30	9°38	n.a.	T 16
W17	13 1 23	16°32'56	4♓ 0	29°D20	1°24	5°53	12°17	17°45	1°33	18°17	23°31	16°D27	16°27	9°45	n.a.	W17
T 18	13 5 20	17°30'24	17°33	29°21	2°27	5°40	12°11	17°47	1°34	18°15	23°30	16°27	16°24	9°51	n.a.	T 18
F 19	13 9 16	18°27'51	1♈30	29°27	3°30	5°27	12° 4	17°49	1°36	18°14	23°28	16°27	16°20	9°58	n.a.	F 19
S 20	13 13 13	19°25'17	15°47	29°37	4°34	5°12	11°58	17°50	1°38	18°13	23°27	16°R27	16°17	10° 5	n.a.	S 20
S 21	13 17 9	20°22'42	0♉20	29°52	5°38	4°58	11°51	17°52	1°39	18°11	23°25	16°27	16°14	10°12	n.a.	S 21
M22	13 21 6	21°20'06	15° 4	0♈11	6°42	4°42	11°45	17°54	1°41	18°10	23°24	16°26	16°11	10°18	n.a.	M22
T 23	13 25 3	22°17'28	29°50	0°35	7°46	4°26	11°38	17°56	1°43	18° 9	23°23	16°26	16° 8	10°25	n.a.	T 23
W24	13 28 59	23°14'50	14♊33	1° 2	8°51	4°10	11°31	17°57	1°45	18° 7	23°21	16°25	16° 5	10°32	n.a.	W24
T 25	13 32 56	24°12'10	29° 6	1°34	9°55	3°53	11°24	17°58	1°47	18° 6	23°20	16°24	16° 1	10°38	n.a.	T 25
F 26	13 36 52	25° 9'29	13♋25	2°10	11° 0	3°36	11°17	18° 0	1°49	18° 4	23°18	16°24	15°58	10°45	n.a.	F 26
S 27	13 40 49	26° 6'47	27°27	2°50	12° 5	3°18	11°10	18° 1	1°51	18° 3	23°17	16°D24	15°55	10°52	n.a.	S 27
S 28	13 44 45	27° 4'03	11♌11	3°34	13°10	3° 1	11° 3	18° 2	1°53	18° 1	23°16	16°24	15°52	10°58	n.a.	S 28
M29	13 48 42	28° 1'19	24°36	4°22	14°16	2°42	10°56	18° 3	1°55	18° 0	23°14	16°25	15°49	11° 5	n.a.	M29
T 30	13 52 39	28♈58'33	7♍45	5♈14	15♓21	2♏24	10♏48	18♑ 4	1♋57	17♏58	23♍13	16♎26	15♎45	11♐12	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n29	12n21	4s40	4n 7	1n43	16s16	0n17	13s17	1n 4	15s15	0n58	23s19	0s36	24n16	0n27	16s 3	1n39	18n17	17n23	6s35	6s54	18s 3		n.a.
T 2	0 52	8 44	3 58	3 41	1 28	16 4	0 11	13 19	1 2	15 14	0 58	23 18	0 36	24 15	0 27	16 2	1 39	18 18	17 22	6 34	6 52	18 3		n.a.
W 3	1 15	4 44	3 4	3 13	1 13	15 52	0 6	13 20	1 0	15 12	0 58	23 18	0 36	24 15	0 27	16 2	1 39	18 19	17 22	6 33	6 51	18 4		n.a.
T 4	1 38	0 34	2 1	2 43	0 57	15 39	0s 0	13 21	0 57	15 11	0 58	23 18	0 37	24 15	0 27	16 2	1 39	18 19	17 22	6 33	6 50	18 4		n.a.
F 5	2 2	3s32	0 53	2 14	0 40	15 25	0 6	13 23	0 55	15 10	0 58	23 17	0 37	24 15	0 27	16 1	1 39	18 20	17 22	6 32	6 49	18 5		n.a.
S 6	2 25	7 25	0n16	1 44	0 24	15 11	0 11	13 23	0 53	15 8	0 58	23 17	0 37	24 15	0 27	16 1	1 39	18 20	17 22	6 32	6 47	18 5		n.a.
S 7	2 48	10 55	1 23	1 14	0 7	14 57	0 16	13 24	0 50	15 7	0 58	23 17	0 37	24 15	0 27	16 1	1 39	18 21	17 22	6 33	6 46	18 6		n.a.
M 8	3 11	13 54	2 26	0 44	0s10	14 42	0 21	13 25	0 48	15 6	0 58	23 17	0 37	24 15	0 27	16 0	1 39	18 21	17 22	6 33	6 45	18 6		n.a.
T 9	3 34	16 14	3 21	0 16	0 27	14 26	0 26	13 25	0 45	15 4	0 58	23 16	0 37	24 15	0 27	16 0	1 39	18 22	17 21	6 33	6 44	18 7		n.a.
W10	3 57	17 51	4 8	0s11	0 44	14 10	0 31	13 25	0 42	15 2	0 58	23 16	0 37	24 15	0 27	16 0	1 39	18 22	17 21	6 33	6 42	18 7		n.a.
T 11	4 20	18 41	4 43	0 37	1 0	13 54	0 36	13 25	0 40	15 1	0 58	23 16	0 38	24 15	0 27	15 59	1 39	18 23	17 21	6 34	6 41	18 8		n.a.
F 12	4 43	18 42	5 6	1 1	1 15	13 37	0 41	13 25	0 37	14 59	0 58	23 16	0 38	24 15	0 27	15 59	1 39	18 23	17 21	6 34	6 40	18 8		n.a.
S 13	5 6	17 52	5 17	1 22	1 30	13 20	0 45	13 24	0 34	14 57	0 58	23 16	0 38	24 15	0 27	15 59	1 39	18 24	17 21	6 34	6 39	18 8		n.a.
S 14	5 29	16 13	5 13	1 42	1 44	13 2	0 50	13 24	0 31	14 56	0 58	23 15	0 38	24 15	0 27	15 58	1 39	18 24	17 20	6 34	6 38	18 9		n.a.
M15	5 51	13 47	4 55	1 59	1 57	12 44	0 54	13 23	0 28	14 54	0 58	23 15	0 38	24 15	0 27	15 58	1 39	18 24	17 20	6 34	6 36	18 9		n.a.
T 16	6 14	10 38	4 22	2 13	2 9	12 25	0 58	13 22	0 25	14 52	0 58	23 15	0 38	24 15	0 27	15 57	1 39	18 25	17 20	6 34	6 35	18 10		n.a.
W17	6 36	6 52	3 34	2 25	2 21	12 6	1 2	13 21	0 22	14 50	0 58	23 15	0 38	24 15	0 27	15 57	1 39	18 25	17 20	6 34	6 34	18 10		n.a.
T 18	6 59	2 38	2 34	2 34	2 31	11 47	1 6	13 19	0 19	14 48	0 58	23 15	0 39	24 15	0 27	15 57	1 39	18 26	17 19	6 34	6 33	18 11		n.a.
F 19	7 21	1n51	1 22	2 40	2 41	11 27	1 10	13 18	0 16	14 46	0 58	23 15	0 39	24 15	0 27	15 56	1 39	18 26	17 19	6 34	6 31	18 11		n.a.
S 20	7 43	6 22	0 4	2 44	2 49	11 7	1 13	13 16	0 12	14 45	0 58	23 15	0 39	24 15	0 27	15 56	1 39	18 26	17 19	6 34	6 30	18 12		n.a.
S 21	8 5	10 35	1s16	2 45	2 57	10 47	1 17	13 14	0 9	14 43	0 58	23 14	0 39	24 15	0 27	15 55	1 39	18 27	17 19	6 34	6 29	18 12		n.a.
M22	8 27	14 11	2 32	2 43	3 3	10 26	1 20	13 12	0 6	14 41	0 58	23 14	0 39	24 15	0 27	15 55	1 39	18 27	17 18	6 34	6 28	18 13		n.a.
T 23	8 48	16 53	3 38	2 39	3 9	10 5	1 24	13 10	0 2	14 38	0 58	23 14	0 39	24 15	0 27	15 55	1 39	18 27	17 18	6 33	6 26	18 13		n.a.
W24	9 10	18 26	4 29	2 32	3 13	9 43	1 27	13 7	0s 1	14 36	0 58	23 14	0 40	24 15	0 27	15 54	1 39	18 28	17 18	6 33	6 25	18 13		n.a.
T 25	9 32	18 46	5 3	2 22	3 17	9 21	1 30	13 5	0 5	14 34	0 58	23 14	0 40	24 15	0 27	15 54	1 39	18 28	17 17	6 33	6 24	18 14		n.a.
F 26	9 53	17 52	5 17	2 10	3 20	8 59	1 33	13 2	0 8	14 32	0 58	23 14	0 40	24 15	0 27	15 53	1 39	18 28	17 17	6 33	6 23	18 14		n.a.
S 27	10 14	15 55	5 11	1 56	3 22	8 36	1 36	13 0	0 12	14 30	0 58	23 14	0 40	24 15	0 27	15 53	1 39	18 28	17 17	6 33	6 21	18 15		n.a.
S 28	10 35	13 5	4 48	1 39	3 23	8 13	1 38	12 57	0 15	14 28	0 58	23 14	0 40	24 15	0 27	15 53	1 39	18 28	17 16	6 33	6 20	18 15		n.a.
M29	10 56	9 36	4 9	1 20	3 23	7 50	1 41	12 54	0 19	14 26	0 57	23 14	0 40	24 15	0 27	15 52	1 39	18 29	17 16	6 33	6 19	18 16		n.a.
T 30	11n17	5n44	3s18	0s58	3s22	7s27	1s43	12s51	0s23	14s23	0n57	23s14	0s40	24n15	0n27	15s52	1n39	18n29	17n16	6s33	6s18	18s16		n.a.

Julian Day Number = 1362472.5, Delta T = 06h57m44s
Ecliptic obliquity = 23°48'37, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°38'36, Lahiri = -17°31'35 Julian Calendar 1 Apr. 983 BCE == Greg. Calendar 23 March 983 BCE

The year -982 astronomical counting style corresponds to year 983 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 983 BCE
geocentric

MAY 983 BCE (-982) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 56 35	29♈55'46	20♍38	6♈ 9	16♓27	2°R 5	10°R41	18♉ 5	1♋59	17°R57	23°R12	16♎27	15♎42	11♐18	n.a.	W 1
T 2	14 0 32	0♉52'58	3♎18	7° 7	17°33	1♏46	10♏34	18° 5	2° 1	17♏55	23♍11	16°28	15°39	11°25	n.a.	T 2
F 3	14 4 28	1°50'09	15°45	8° 9	18°39	1°27	10°26	18° 6	2° 3	17°54	23° 9	16°R28	15°36	11°32	n.a.	F 3
S 4	14 8 25	2°47'20	28° 2	9°15	19°45	1° 8	10°19	18° 7	2° 6	17°52	23° 8	16°28	15°33	11°39	n.a.	S 4
S 5	14 12 21	3°44'30	10♏10	10°23	20°51	0°49	10°11	18° 7	2° 8	17°51	23° 7	16°27	15°30	11°45	n.a.	S 5
M 6	14 16 18	4°41'39	22°10	11°35	21°58	0°30	10° 4	18° 7	2°10	17°49	23° 6	16°25	15°26	11°52	n.a.	M 6
T 7	14 20 14	5°38'48	4♐ 6	12°50	23° 4	0°11	9°56	18° 7	2°13	17°48	23° 5	16°22	15°23	11°59	n.a.	T 7
W 8	14 24 11	6°35'56	15°58	14° 9	24°11	29♎52	9°49	18° 8	2°15	17°46	23° 4	16°19	15°20	12° 5	n.a.	W 8
T 9	14 28 8	7°33'04	27°49	15°30	25°18	29°33	9°41	18°R 8	2°18	17°44	23° 2	16°15	15°17	12°12	n.a.	T 9
F 10	14 32 4	8°30'11	9♑43	16°55	26°25	29°14	9°33	18° 8	2°20	17°43	23° 1	16°13	15°14	12°19	n.a.	F 10
S 11	14 36 1	9°27'19	21°43	18°23	27°32	28°55	9°26	18° 7	2°23	17°41	23° 0	16°11	15°11	12°25	n.a.	S 11
S 12	14 39 57	10°24'26	3♒54	19°53	28°39	28°37	9°18	18° 7	2°25	17°40	22°59	16° 9	15° 7	12°32	n.a.	S 12
M13	14 43 54	11°21'33	16°19	21°27	29°46	28°19	9°10	18° 7	2°28	17°38	22°58	16°D 9	15° 4	12°39	n.a.	M13
T 14	14 47 50	12°18'40	29° 3	23° 4	0♈54	28° 1	9° 3	18° 6	2°30	17°36	22°57	16°10	15° 1	12°46	n.a.	T 14
W15	14 51 47	13°15'46	12♓ 9	24°43	2° 2	27°44	8°55	18° 6	2°33	17°35	22°57	16°12	14°58	12°52	n.a.	W15
T 16	14 55 43	14°12'53	25°41	26°26	3° 9	27°27	8°47	18° 5	2°36	17°33	22°56	16°13	14°55	12°59	n.a.	T 16
F 17	14 59 40	15° 9'59	9♈39	28°11	4°17	27°11	8°40	18° 4	2°39	17°32	22°55	16°R14	14°51	13° 6	n.a.	F 17
S 18	15 3 37	16° 7'06	24° 4	29°59	5°25	26°55	8°32	18° 3	2°41	17°30	22°54	16°14	14°48	13°12	n.a.	S 18
S 19	15 7 33	17° 4'12	8♉50	1♉50	6°33	26°40	8°25	18° 2	2°44	17°28	22°53	16°13	14°45	13°19	n.a.	S 19
M20	15 11 30	18° 1'19	23°51	3°44	7°41	26°25	8°17	18° 1	2°47	17°27	22°52	16°10	14°42	13°26	n.a.	M20
T 21	15 15 26	18°58'25	8♊59	5°40	8°50	26°11	8°10	18° 0	2°50	17°25	22°52	16° 6	14°39	13°33	n.a.	T 21
W22	15 19 23	19°55'31	24° 4	7°38	9°58	25°57	8° 2	17°59	2°53	17°24	22°51	16° 1	14°36	13°39	n.a.	W22
T 23	15 23 19	20°52'37	8♋56	9°39	11° 6	25°45	7°55	17°58	2°56	17°22	22°50	15°56	14°32	13°46	n.a.	T 23
F 24	15 27 16	21°49'42	23°29	11°42	12°15	25°33	7°48	17°56	2°59	17°20	22°50	15°53	14°29	13°53	n.a.	F 24
S 25	15 31 12	22°46'48	7♌39	13°46	13°24	25°21	7°41	17°55	3° 2	17°19	22°49	15°50	14°26	13°59	n.a.	S 25
S 26	15 35 9	23°43'52	21°23	15°52	14°32	25°11	7°34	17°53	3° 5	17°17	22°48	15°D49	14°23	14° 6	n.a.	S 26
M27	15 39 6	24°40'57	4♍44	18° 0	15°41	25° 1	7°27	17°51	3° 8	17°16	22°48	15°50	14°20	14°13	n.a.	M27
T 28	15 43 2	25°38'01	17°42	20° 8	16°50	24°52	7°20	17°49	3°11	17°14	22°47	15°51	14°17	14°19	n.a.	T 28
W29	15 46 59	26°35'06	0♎22	22°17	17°59	24°43	7°13	17°48	3°14	17°12	22°47	15°52	14°13	14°26	n.a.	W29
T 30	15 50 55	27°32'10	12°47	24°27	19° 8	24°36	7° 6	17°46	3°18	17°11	22°46	15°R53	14°10	14°33	n.a.	T 30
F 31	15 54 52	28♉29'14	25♎ 0	26♉37	20♈18	24♎29	6♏59	17♑43	3♋21	17♏ 9	22♍46	15♎53	14♎ 7	14♐40	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	11n37	1n39	2s18	0s35	3s20	7s 3	1s46	12s48	0s26	14s21	0n57	23s14	0s41	24n15	0n27	15s51	1n39	18n29	17n15	6s34	6s16	18s16			n.a.
T 2	11 58	2s26	1 12	0 9	3 18	6 39	1 48	12 44	0 30	14 19	0 57	23 14	0 41	24 14	0 27	15 51	1 39	18 29	17 15	6 34	6 15	18 17			n.a.
F 3	12 18	6 21	0 4	0n18	3 15	6 15	1 50	12 41	0 34	14 17	0 57	23 14	0 41	24 14	0 27	15 50	1 39	18 29	17 14	6 34	6 14	18 17			n.a.
S 4	12 38	9 57	1n 4	0 48	3 11	5 50	1 52	12 38	0 37	14 14	0 57	23 14	0 41	24 14	0 27	15 50	1 39	18 29	17 14	6 34	6 13	18 18			n.a.
S 5	12 57	13 5	2 7	1 19	3 7	5 25	1 54	12 34	0 41	14 12	0 57	23 15	0 41	24 14	0 27	15 49	1 39	18 30	17 14	6 34	6 11	18 18			n.a.
M 6	13 17	15 37	3 5	1 52	3 2	5 0	1 56	12 31	0 45	14 10	0 57	23 15	0 41	24 14	0 27	15 49	1 39	18 30	17 13	6 33	6 10	18 19			n.a.
T 7	13 36	17 28	3 53	2 27	2 56	4 35	1 57	12 28	0 48	14 7	0 57	23 15	0 42	24 14	0 27	15 49	1 39	18 30	17 13	6 32	6 9	18 19			n.a.
W 8	13 56	18 33	4 32	3 4	2 50	4 10	1 59	12 24	0 52	14 5	0 57	23 15	0 42	24 14	0 27	15 48	1 39	18 30	17 12	6 31	6 8	18 19			n.a.
T 9	14 15	18 49	4 58	3 42	2 43	3 44	2 0	12 21	0 56	14 3	0 56	23 15	0 42	24 14	0 27	15 48	1 39	18 30	17 12	6 29	6 6	18 20			n.a.
F 10	14 33	18 15	5 12	4 22	2 35	3 18	2 2	12 17	0 59	14 1	0 56	23 15	0 42	24 14	0 27	15 47	1 39	18 30	17 12	6 28	6 5	18 20			n.a.
S 11	14 52	16 53	5 13	5 3	2 27	2 52	2 3	12 14	1 3	13 58	0 56	23 15	0 42	24 14	0 27	15 47	1 39	18 30	17 11	6 27	6 4	18 20			n.a.
S 12	15 10	14 44	5 0	5 45	2 19	2 26	2 4	12 11	1 6	13 56	0 56	23 16	0 42	24 14	0 27	15 46	1 39	18 30	17 11	6 27	6 3	18 21			n.a.
M13	15 28	11 52	4 32	6 29	2 10	2 0	2 5	12 8	1 10	13 54	0 56	23 16	0 42	24 14	0 27	15 46	1 39	18 30	17 10	6 27	6 1	18 21			n.a.
T 14	15 46	8 23	3 51	7 14	2 0	1 34	2 6	12 4	1 13	13 51	0 56	23 16	0 43	24 14	0 27	15 45	1 39	18 30	17 10	6 27	6 0	18 22			n.a.
W15	16 4	4 24	2 56	8 1	1 51	1 7	2 7	12 1	1 17	13 49	0 56	23 16	0 43	24 14	0 27	15 45	1 39	18 30	17 9	6 28	5 59	18 22			n.a.
T 16	16 21	0 3	1 50	8 48	1 40	0 40	2 8	11 58	1 20	13 47	0 55	23 17	0 43	24 14	0 27	15 45	1 39	18 30	17 9	6 28	5 58	18 22			n.a.
F 17	16 38	4n26	0 36	9 36	1 30	0 14	2 8	11 56	1 24	13 44	0 55	23 17	0 43	24 14	0 27	15 44	1 39	18 30	17 8	6 29	5 57	18 23			n.a.
S 18	16 55	8 49	0s43	10 25	1 19	0n13	2 9	11 53	1 27	13 42	0 55	23 17	0 43	24 14	0 27	15 44	1 39	18 29	17 8	6 29	5 55	18 23			n.a.
S 19	17 12	12 46	2 1	11 14	1 8	0 40	2 9	11 50	1 30	13 40	0 55	23 17	0 43	24 13	0 27	15 43	1 39	18 29	17 7	6 28	5 54	18 23			n.a.
M20	17 28	15 56	3 11	12 4	0 57	1 7	2 9	11 48	1 34	13 37	0 55	23 18	0 44	24 13	0 27	15 43	1 39	18 29	17 7	6 27	5 53	18 24			n.a.
T 21	17 44	18 2	4 9	12 54	0 45	1 34	2 9	11 46	1 37	13 35	0 55	23 18	0 44	24 13	0 27	15 42	1 39	18 29	17 6	6 26	5 52	18 24			n.a.
W22	18 0	18 52	4 49	13 44	0 34	2 2	2 10	11 43	1 40	13 33	0 54	23 18	0 44	24 13	0 27	15 42	1 39	18 29	17 6	6 24	5 50	18 24			n.a.
T 23	18 15	18 22	5 9	14 34	0 23	2 29	2 10	11 42	1 43	13 31	0 54	23 19	0 44	24 13	0 27	15 41	1 39	18 29	17 5	6 22	5 49	18 25			n.a.
F 24	18 30	16 40	5 9	15 24	0 12	2 56	2 9	11 40	1 46	13 28	0 54	23 19	0 44	24 13	0 27	15 41	1 39	18 28	17 5	6 20	5 48	18 25			n.a.
S 25	18 45	13 59	4 49	16 13	0 0	3 23	2 9	11 38	1 49	13 26	0 54	23 19	0 44	24 13	0 27	15 40	1 39	18 28	17 4	6 19	5 47	18 26			n.a.
S 26	19 0	10 35	4 14	17 1	0n10	3 50	2 9	11 37	1 52	13 24	0 54	23 20	0 44	24 13	0 27	15 40	1 39	18 28	17 4	6 19	5 45	18 26			n.a.
M27	19 14	6 45	3 25	17 48	0 21	4 18	2 9	11 36	1 54	13 22	0 54	23 20	0 45	24 13	0 27	15 40	1 39	18 28	17 3	6 19	5 44	18 26			n.a.
T 28	19 28	2 41	2 27	18 33	0 31	4 45	2 8	11 35	1 57	13 20	0 53	23 20	0 45	24 13	0 27	15 39	1 39	18 27	17 3	6 20	5 43	18 27			n.a.
W29	19 42	1s25	1 23	19 17	0 41	5 12	2 8	11 34	2 0	13 18	0 53	23 21	0 45	24 13	0 27	15 39	1 39	18 27	17 2	6 20	5 42	18 27			n.a.
T 30	19 55	5 23	0 17	19 59	0 50	5 39	2 7	11 34	2 2	13 16	0 53	23 21	0 45	24 13	0 27	15 38	1 39	18 27	17 1	6 21	5 40	18 27			n.a.
F 31	20n 8	9s 4	0n49	20n40	0n59	6n 6	2s 6	11s34	2s 5	13s14	0n53	23s22	0s45	24n13	0n27	15s38	1n39	18n27	17n 1	6s20	5s39	18s28			n.a.

Julian Day Number = 1362502.5, Delta T = 06h57m43s
Ecliptic obliquity = 23°48'36, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°38'32, Lahiri = -17°31'31 Julian Calendar 1 May 983 BCE == Greg. Calendar 22 Apr. 983 BCE

The year -982 astronomical counting style corresponds to year 983 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 983 BCE
geocentric

JUNE 983 BCE (-982) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 58 48	29♉26'18	7♏ 4	28♉47	21♈27	24°R23	6°R53	17°R41	3♋24	17°R 8	22°R45	15°R50	14♎ 4	14♐46	n.a.	S 1
S 2	16 2 45	0♊23'22	19° 3	0♊56	22°36	24♎18	6♏46	17♑39	3°27	17♏ 6	22♍45	15♎46	14° 1	14°53	n.a.	S 2
M 3	16 6 42	1°20'27	0♐57	3° 5	23°46	24°14	6°40	17°37	3°30	17° 4	22°45	15°40	13°57	15° 0	n.a.	M 3
T 4	16 10 38	2°17'32	12°49	5°13	24°55	24°11	6°34	17°34	3°34	17° 3	22°44	15°32	13°54	15° 6	n.a.	T 4
W 5	16 14 35	3°14'38	24°41	7°20	26° 5	24° 8	6°27	17°32	3°37	17° 1	22°44	15°24	13°51	15°13	n.a.	W 5
T 6	16 18 31	4°11'44	6♑34	9°26	27°15	24° 7	6°21	17°29	3°40	17° 0	22°44	15°15	13°48	15°20	n.a.	T 6
F 7	16 22 28	5° 8'50	18°30	11°31	28°24	24° 6	6°16	17°27	3°44	16°58	22°44	15° 6	13°45	15°27	n.a.	F 7
S 8	16 26 24	6° 5'58	0♒32	13°34	29°34	24°D 6	6°10	17°24	3°47	16°57	22°43	15° 0	13°42	15°33	n.a.	S 8
S 9	16 30 21	7° 3'06	12°44	15°35	0♉44	24° 7	6° 4	17°21	3°51	16°55	22°43	14°55	13°38	15°40	n.a.	S 9
M10	16 34 17	8° 0'14	25° 7	17°35	1°54	24° 8	5°59	17°18	3°54	16°54	22°43	14°52	13°35	15°47	n.a.	M10
T 11	16 38 14	8°57'24	7♓48	19°34	3° 4	24°11	5°53	17°15	3°57	16°52	22°43	14°D51	13°32	15°53	n.a.	T 11
W12	16 42 11	9°54'34	20°49	21°31	4°15	24°14	5°48	17°12	4° 1	16°51	22°43	14°51	13°29	16° 0	n.a.	W12
T 13	16 46 7	10°51'45	4♈14	23°26	5°25	24°18	5°43	17° 9	4° 4	16°49	22°D43	14°52	13°26	16° 7	n.a.	T 13
F 14	16 50 4	11°48'57	18° 6	25°19	6°35	24°23	5°38	17° 6	4° 8	16°48	22°43	14°R52	13°22	16°13	n.a.	F 14
S 15	16 54 0	12°46'10	2♉26	27°10	7°46	24°28	5°33	17° 2	4°11	16°47	22°43	14°51	13°19	16°20	n.a.	S 15
S 16	16 57 57	13°43'25	17°11	29° 0	8°56	24°35	5°29	16°59	4°15	16°45	22°43	14°48	13°16	16°27	n.a.	S 16
M17	17 1 53	14°40'40	2♊16	0♋48	10° 7	24°42	5°24	16°56	4°19	16°44	22°43	14°42	13°13	16°34	n.a.	M17
T 18	17 5 50	15°37'56	17°32	2°34	11°18	24°50	5°20	16°52	4°22	16°42	22°44	14°34	13°10	16°40	n.a.	T 18
W19	17 9 46	16°35'13	2♋49	4°19	12°28	24°59	5°16	16°49	4°26	16°41	22°44	14°25	13° 7	16°47	n.a.	W19
T 20	17 13 43	17°32'30	17°55	6° 2	13°39	25° 9	5°12	16°45	4°29	16°40	22°44	14°16	13° 3	16°54	n.a.	T 20
F 21	17 17 40	18°29'49	2♌41	7°43	14°50	25°19	5° 8	16°41	4°33	16°38	22°44	14° 8	13° 0	17° 0	n.a.	F 21
S 22	17 21 36	19°27'08	17° 1	9°22	16° 1	25°30	5° 4	16°38	4°37	16°37	22°45	14° 2	12°57	17° 7	n.a.	S 22
S 23	17 25 33	20°24'27	0♍52	11° 0	17°12	25°42	5° 1	16°34	4°40	16°36	22°45	13°59	12°54	17°14	n.a.	S 23
M24	17 29 29	21°21'47	14°15	12°35	18°23	25°55	4°57	16°30	4°44	16°35	22°45	13°57	12°51	17°21	n.a.	M24
T 25	17 33 26	22°19'08	27°11	14°10	19°34	26° 8	4°54	16°26	4°48	16°33	22°46	13°D57	12°48	17°27	n.a.	T 25
W26	17 37 22	23°16'30	9♎46	15°42	20°45	26°22	4°51	16°22	4°51	16°32	22°46	13°R57	12°44	17°34	n.a.	W26
T 27	17 41 19	24°13'53	22° 4	17°13	21°57	26°37	4°48	16°18	4°55	16°31	22°47	13°57	12°41	17°41	n.a.	T 27
F 28	17 45 16	25°11'16	4♏10	18°41	23° 8	26°52	4°46	16°14	4°59	16°30	22°47	13°55	12°38	17°47	n.a.	F 28
S 29	17 49 12	26° 8'40	16° 8	20° 8	24°19	27° 8	4°43	16°10	5° 2	16°29	22°48	13°51	12°35	17°54	n.a.	S 29
S 30	17 53 9	27♊ 6'06	28♏ 0	21♋34	25♉31	27♎24	4♏41	16♑ 6	5♋ 6	16♏27	22♍48	13♎45	12♎32	18♐ 1	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n21	12s19	1n52	21n18	1n 8	6n33	2s 5	11s34	2s 7	13s12	0n53	23s22	0s45	24n12	0n27	15s37	1n39	18n26	17n 0	6s20	5s38	18s28		n.a.
S 2	20 33	15 2	2 50	21 53	1 15	7 0	2 5	11 34	2 10	13 10	0 52	23 23	0 46	24 12	0 27	15 37	1 39	18 26	17 0	6 18	5 37	18 28		n.a.
M 3	20 45	17 6	3 39	22 26	1 22	7 27	2 4	11 35	2 12	13 8	0 52	23 23	0 46	24 12	0 27	15 37	1 39	18 25	16 59	6 16	5 35	18 28		n.a.
T 4	20 56	18 25	4 19	22 57	1 28	7 54	2 2	11 36	2 14	13 6	0 52	23 24	0 46	24 12	0 27	15 36	1 39	18 25	16 59	6 13	5 34	18 29		n.a.
W 5	21 8	18 55	4 47	23 25	1 34	8 21	2 1	11 37	2 16	13 4	0 52	23 24	0 46	24 12	0 27	15 36	1 39	18 25	16 58	6 9	5 33	18 29		n.a.
T 6	21 19	18 36	5 3	23 50	1 39	8 47	2 0	11 38	2 18	13 2	0 52	23 25	0 46	24 12	0 27	15 35	1 39	18 24	16 58	6 6	5 32	18 29		n.a.
F 7	21 29	17 27	5 6	24 13	1 43	9 14	1 59	11 39	2 20	13 0	0 51	23 25	0 46	24 12	0 27	15 35	1 39	18 24	16 57	6 2	5 30	18 30		n.a.
S 8	21 40	15 32	4 56	24 33	1 47	9 40	1 57	11 41	2 22	12 59	0 51	23 26	0 46	24 12	0 27	15 35	1 39	18 23	16 56	6 0	5 29	18 30		n.a.
S 9	21 49	12 55	4 32	24 50	1 49	10 6	1 56	11 43	2 24	12 57	0 51	23 26	0 47	24 12	0 27	15 34	1 39	18 23	16 56	5 58	5 28	18 30		n.a.
M10	21 59	9 40	3 55	25 4	1 51	10 32	1 55	11 46	2 26	12 55	0 51	23 27	0 47	24 12	0 27	15 34	1 39	18 22	16 55	5 57	5 27	18 31		n.a.
T 11	22 8	5 55	3 5	25 16	1 53	10 58	1 53	11 48	2 28	12 54	0 50	23 27	0 47	24 11	0 27	15 33	1 39	18 22	16 55	5 56	5 25	18 31		n.a.
W12	22 17	1 47	2 5	25 25	1 54	11 23	1 51	11 51	2 30	12 52	0 50	23 28	0 47	24 11	0 27	15 33	1 39	18 21	16 54	5 56	5 24	18 31		n.a.
T 13	22 25	2n34	0 57	25 32	1 54	11 49	1 50	11 54	2 31	12 51	0 50	23 28	0 47	24 11	0 27	15 33	1 39	18 21	16 53	5 57	5 23	18 31		n.a.
F 14	22 33	6 56	0s17	25 37	1 53	12 14	1 48	11 57	2 33	12 49	0 50	23 29	0 47	24 11	0 27	15 32	1 39	18 20	16 53	5 57	5 22	18 32		n.a.
S 15	22 41	11 3	1 33	25 39	1 52	12 39	1 46	12 1	2 34	12 48	0 49	23 29	0 47	24 11	0 26	15 32	1 39	18 20	16 52	5 56	5 20	18 32		n.a.
S 16	22 48	14 36	2 44	25 39	1 51	13 3	1 44	12 5	2 36	12 47	0 49	23 30	0 48	24 11	0 26	15 31	1 39	18 19	16 52	5 55	5 19	18 32		n.a.
M17	22 55	17 16	3 45	25 37	1 49	13 28	1 42	12 9	2 37	12 45	0 49	23 30	0 48	24 11	0 26	15 31	1 39	18 19	16 51	5 53	5 18	18 32		n.a.
T 18	23 1	18 43	4 31	25 33	1 46	13 52	1 40	12 13	2 39	12 44	0 49	23 31	0 48	24 11	0 27	15 31	1 39	18 18	16 51	5 50	5 16	18 33		n.a.
W19	23 7	18 49	4 58	25 27	1 43	14 16	1 38	12 18	2 40	12 43	0 48	23 32	0 48	24 11	0 27	15 30	1 39	18 17	16 50	5 46	5 15	18 33		n.a.
T 20	23 13	17 35	5 3	25 19	1 39	14 39	1 36	12 22	2 41	12 42	0 48	23 32	0 48	24 10	0 27	15 30	1 39	18 17	16 49	5 43	5 14	18 33		n.a.
F 21	23 18	15 11	4 48	25 9	1 35	15 3	1 34	12 27	2 42	12 41	0 48	23 33	0 48	24 10	0 27	15 30	1 39	18 16	16 49	5 40	5 13	18 34		n.a.
S 22	23 23	11 55	4 15	24 58	1 30	15 26	1 32	12 32	2 44	12 40	0 48	23 33	0 48	24 10	0 27	15 29	1 39	18 15	16 48	5 37	5 11	18 34		n.a.
S 23	23 27	8 5	3 28	24 45	1 25	15 48	1 29	12 38	2 45	12 39	0 48	23 34	0 49	24 10	0 27	15 29	1 39	18 15	16 48	5 36	5 10	18 34		n.a.
M24	23 31	3 58	2 31	24 31	1 19	16 10	1 27	12 43	2 46	12 38	0 47	23 35	0 49	24 10	0 27	15 29	1 39	18 14	16 47	5 35	5 9	18 34		n.a.
T 25	23 35	0s13	1 28	24 15	1 13	16 32	1 25	12 49	2 47	12 37	0 47	23 35	0 49	24 10	0 27	15 28	1 39	18 13	16 46	5 35	5 8	18 35		n.a.
W26	23 38	4 16	0 22	23 59	1 7	16 54	1 22	12 55	2 48	12 36	0 47	23 36	0 49	24 10	0 27	15 28	1 38	18 13	16 46	5 35	5 6	18 35		n.a.
T 27	23 41	8 4	0n43	23 40	1 0	17 15	1 20	13 2	2 48	12 36	0 47	23 36	0 49	24 10	0 27	15 28	1 38	18 12	16 45	5 35	5 5	18 35		n.a.
F 28	23 43	11 27	1 45	23 21	0 53	17 36	1 17	13 8	2 49	12 35	0 46	23 37	0 49	24 9	0 27	15 27	1 38	18 11	16 45	5 34	5 4	18 35		n.a.
S 29	23 45	14 20	2 42	23 1	0 45	17 56	1 15	13 15	2 50	12 34	0 46	23 38	0 49	24 9	0 27	15 27	1 38	18 10	16 44	5 33	5 3	18 35		n.a.
S 30	23n47	16s36	3n31	22n40	0n38	18n16	1s12	13s22	2s51	12s34	0n46	23s38	0s49	24n 9	0n27	15s27	1n38	18n10	16n43	5s30	5s 1	18s36		n.a.

Julian Day Number = 1362533.5, Delta T = 06h57m41s
Ecliptic obliquity = 23°48'36, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°38'27, Lahiri = -17°31'27 Julian Calendar 1 June 983 BCE == Greg. Calendar 23 May 983 BCE

The year -982 astronomical counting style corresponds to year 983 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 983 BCE
geocentric

JULY 983 BCE (-982) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 57 5	28♊ 3'32	9♐52	22♋57	26♉42	27♎42	4°R39	16°R 2	5♋10	16°R26	22♍49	13°R35	12♎28	18♐ 8	n.a.	M 1
T 2	18 1 2	29° 1'00	21°43	24°19	27°54	27°59	4♏37	15♑57	5°13	16♏25	22°50	13♎23	12°25	18°14	n.a.	T 2
W 3	18 4 58	29°58'29	3♑37	25°38	29° 6	28°18	4°36	15°53	5°17	16°24	22°50	13°10	12°22	18°21	n.a.	W 3
T 4	18 8 55	0♋55'59	15°35	26°56	0♊17	28°37	4°34	15°49	5°21	16°23	22°51	12°57	12°19	18°28	n.a.	T 4
F 5	18 12 51	1°53'31	27°37	28°12	1°29	28°57	4°33	15°44	5°25	16°22	22°52	12°44	12°16	18°34	n.a.	F 5
S 6	18 16 48	2°51'04	9♒46	29°26	2°41	29°17	4°32	15°40	5°28	16°21	22°53	12°34	12°13	18°41	n.a.	S 6
S 7	18 20 45	3°48'38	22° 3	0♌37	3°53	29°37	4°31	15°36	5°32	16°20	22°53	12°25	12° 9	18°48	n.a.	S 7
M 8	18 24 41	4°46'14	4♓32	1°47	5° 5	29°59	4°30	15°31	5°36	16°19	22°54	12°20	12° 6	18°55	n.a.	M 8
T 9	18 28 38	5°43'52	17°14	2°54	6°17	0♏21	4°29	15°27	5°39	16°18	22°55	12°17	12° 3	19° 1	n.a.	T 9
W10	18 32 34	6°41'31	0♈13	3°58	7°29	0°43	4°29	15°22	5°43	16°17	22°56	12°16	12° 0	19° 8	n.a.	W10
T 11	18 36 31	7°39'12	13°33	5° 1	8°41	1° 6	4°29	15°18	5°47	16°17	22°57	12°16	11°57	19°15	n.a.	T 11
F 12	18 40 27	8°36'55	27°16	6° 0	9°54	1°29	4°D29	15°13	5°51	16°16	22°58	12°16	11°54	19°21	n.a.	F 12
S 13	18 44 24	9°34'40	11♉25	6°57	11° 6	1°53	4°29	15° 9	5°54	16°15	22°59	12°14	11°50	19°28	n.a.	S 13
S 14	18 48 20	10°32'27	25°58	7°51	12°18	2°17	4°29	15° 4	5°58	16°14	23° 0	12° 9	11°47	19°35	n.a.	S 14
M15	18 52 17	11°30'15	10♊52	8°42	13°31	2°42	4°30	15° 0	6° 2	16°13	23° 1	12° 2	11°44	19°42	n.a.	M15
T 16	18 56 14	12°28'06	26° 0	9°30	14°43	3° 7	4°30	14°55	6° 6	16°13	23° 2	11°53	11°41	19°48	n.a.	T 16
W17	19 0 10	13°25'58	11♋13	10°14	15°56	3°33	4°31	14°51	6° 9	16°12	23° 3	11°42	11°38	19°55	n.a.	W17
T 18	19 4 7	14°23'51	26°20	10°55	17° 9	3°59	4°32	14°46	6°13	16°11	23° 4	11°31	11°34	20° 2	n.a.	T 18
F 19	19 8 3	15°21'47	11♌10	11°32	18°21	4°26	4°34	14°42	6°17	16°11	23° 6	11°21	11°31	20° 8	n.a.	F 19
S 20	19 12 0	16°19'43	25°35	12° 5	19°34	4°53	4°35	14°37	6°20	16°10	23° 7	11°13	11°28	20°15	n.a.	S 20
S 21	19 15 56	17°17'41	9♍32	12°34	20°47	5°20	4°37	14°33	6°24	16°10	23° 8	11° 8	11°25	20°22	n.a.	S 21
M22	19 19 53	18°15'41	23° 0	12°58	22° 0	5°48	4°39	14°28	6°28	16° 9	23° 9	11° 5	11°22	20°29	n.a.	M22
T 23	19 23 49	19°13'42	6♎ 0	13°17	23°13	6°17	4°41	14°23	6°31	16° 8	23°11	11° 4	11°19	20°35	n.a.	T 23
W24	19 27 46	20°11'45	18°37	13°31	24°26	6°45	4°43	14°19	6°35	16° 8	23°12	11° 4	11°15	20°42	n.a.	W24
T 25	19 31 43	21° 9'49	0♏54	13°40	25°39	7°15	4°45	14°14	6°39	16° 7	23°13	11° 4	11°12	20°49	n.a.	T 25
F 26	19 35 39	22° 7'55	12°58	13°R43	26°52	7°44	4°48	14°10	6°42	16° 7	23°15	11° 2	11° 9	20°55	n.a.	F 26
S 27	19 39 36	23° 6'02	24°54	13°40	28° 5	8°14	4°50	14° 5	6°46	16° 7	23°16	10°59	11° 6	21° 2	n.a.	S 27
S 28	19 43 32	24° 4'11	6♐45	13°31	29°18	8°44	4°53	14° 1	6°50	16° 6	23°18	10°52	11° 3	21° 9	n.a.	S 28
M29	19 47 29	25° 2'22	18°36	13°16	0♋31	9°15	4°56	13°57	6°53	16° 6	23°19	10°43	11° 0	21°16	n.a.	M29
T 30	19 51 25	26° 0'35	0♑30	12°54	1°45	9°45	5° 0	13°52	6°57	16° 6	23°21	10°32	10°56	21°22	n.a.	T 30
W31	19 55 22	26♋58'49	12♑28	12♌27	2♋58	10♏17	5♏ 3	13♑48	7♋ 0	16♏ 5	23♍22	10♎19	10♎53	21♐29	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n48	18s 8	4n11	22n18	0n30	18n36	1s10	13s29	2s52	12s33	0n46	23s39	0s50	24n 9	0n27	15s27	1n38	18n 9	16n43	5s26	5s 0	18s36			n.a.
T 2	23 48	18 54	4 40	21 56	0 21	18 55	1 7	13 36	2 52	12 33	0 45	23 40	0 50	24 9	0 27	15 26	1 38	18 8	16 42	5 22	4 59	18 36			n.a.
W 3	23 49	18 49	4 56	21 33	0 12	19 13	1 4	13 43	2 53	12 33	0 45	23 40	0 50	24 9	0 27	15 26	1 38	18 7	16 42	5 17	4 58	18 36			n.a.
T 4	23 48	17 55	5 0	21 9	0 3	19 31	1 2	13 51	2 53	12 32	0 45	23 41	0 50	24 9	0 27	15 26	1 38	18 6	16 41	5 11	4 56	18 37			n.a.
F 5	23 48	16 13	4 51	20 45	0s 6	19 49	0 59	13 58	2 54	12 32	0 45	23 42	0 50	24 8	0 27	15 26	1 38	18 6	16 40	5 6	4 55	18 37			n.a.
S 6	23 47	13 47	4 28	20 20	0 15	20 6	0 56	14 6	2 55	12 32	0 44	23 42	0 50	24 8	0 27	15 25	1 38	18 5	16 40	5 2	4 54	18 37			n.a.
S 7	23 45	10 43	3 52	19 55	0 25	20 23	0 54	14 14	2 55	12 32	0 44	23 43	0 50	24 8	0 27	15 25	1 38	18 4	16 39	4 59	4 53	18 37			n.a.
M 8	23 43	7 8	3 5	19 30	0 35	20 39	0 51	14 22	2 56	12 32	0 44	23 43	0 50	24 8	0 27	15 25	1 38	18 3	16 39	4 57	4 51	18 37			n.a.
T 9	23 41	3 9	2 8	19 5	0 45	20 54	0 48	14 30	2 56	12 32	0 43	23 44	0 50	24 8	0 27	15 25	1 38	18 2	16 38	4 56	4 50	18 38			n.a.
W10	23 38	1n 3	1 3	18 40	0 56	21 9	0 45	14 39	2 56	12 32	0 43	23 45	0 51	24 8	0 27	15 24	1 38	18 1	16 38	4 55	4 49	18 38			n.a.
T 11	23 35	5 19	0s 7	18 14	1 6	21 24	0 43	14 47	2 57	12 32	0 43	23 45	0 51	24 7	0 27	15 24	1 38	18 0	16 37	4 55	4 48	18 38			n.a.
F 12	23 31	9 26	1 18	17 49	1 17	21 37	0 40	14 56	2 57	12 32	0 43	23 46	0 51	24 7	0 27	15 24	1 38	18 0	16 36	4 55	4 46	18 38			n.a.
S 13	23 27	13 9	2 27	17 25	1 27	21 51	0 37	15 5	2 57	12 33	0 42	23 47	0 51	24 7	0 27	15 24	1 38	17 59	16 36	4 54	4 45	18 38			n.a.
S 14	23 23	16 10	3 29	17 0	1 38	22 3	0 34	15 13	2 58	12 33	0 42	23 47	0 51	24 7	0 27	15 24	1 38	17 58	16 35	4 53	4 44	18 39			n.a.
M15	23 18	18 10	4 18	16 37	1 49	22 15	0 31	15 22	2 58	12 33	0 42	23 48	0 51	24 7	0 27	15 24	1 38	17 57	16 35	4 50	4 43	18 39			n.a.
T 16	23 13	18 56	4 49	16 13	2 0	22 27	0 28	15 31	2 58	12 34	0 42	23 48	0 51	24 7	0 27	15 23	1 37	17 56	16 34	4 46	4 41	18 39			n.a.
W17	23 7	18 20	5 0	15 51	2 11	22 38	0 26	15 41	2 58	12 35	0 41	23 49	0 51	24 6	0 27	15 23	1 37	17 55	16 34	4 42	4 40	18 39			n.a.
T 18	23 1	16 27	4 51	15 29	2 22	22 48	0 23	15 50	2 58	12 35	0 41	23 50	0 51	24 6	0 27	15 23	1 37	17 54	16 33	4 37	4 39	18 39			n.a.
F 19	22 55	13 31	4 21	15 8	2 33	22 58	0 20	15 59	2 58	12 36	0 41	23 50	0 51	24 6	0 27	15 23	1 37	17 53	16 33	4 33	4 38	18 39			n.a.
S 20	22 48	9 48	3 36	14 49	2 44	23 7	0 17	16 8	2 58	12 37	0 41	23 51	0 52	24 6	0 27	15 23	1 37	17 52	16 32	4 30	4 36	18 40			n.a.
S 21	22 40	5 40	2 38	14 31	2 54	23 15	0 14	16 18	2 58	12 37	0 40	23 51	0 52	24 6	0 27	15 23	1 37	17 51	16 32	4 28	4 35	18 40			n.a.
M22	22 33	1 23	1 34	14 14	3 5	23 22	0 11	16 28	2 58	12 38	0 40	23 52	0 52	24 6	0 27	15 23	1 37	17 50	16 31	4 27	4 34	18 40			n.a.
T 23	22 24	2s50	0 27	13 59	3 15	23 29	0 9	16 37	2 58	12 39	0 40	23 53	0 52	24 5	0 27	15 22	1 37	17 49	16 31	4 27	4 32	18 40			n.a.
W24	22 16	6 47	0n40	13 46	3 25	23 36	0 6	16 47	2 58	12 40	0 40	23 53	0 52	24 5	0 27	15 22	1 37	17 48	16 30	4 27	4 31	18 40			n.a.
T 25	22 7	10 22	1 43	13 34	3 34	23 41	0 3	16 57	2 58	12 41	0 39	23 54	0 52	24 5	0 27	15 22	1 37	17 47	16 30	4 27	4 30	18 40			n.a.
F 26	21 58	13 26	2 40	13 25	3 43	23 46	0 0	17 6	2 58	12 42	0 39	23 54	0 52	24 5	0 27	15 22	1 37	17 46	16 29	4 26	4 29	18 41			n.a.
S 27	21 48	15 54	3 30	13 18	3 51	23 50	0n 3	17 16	2 58	12 43	0 39	23 55	0 52	24 5	0 27	15 22	1 37	17 45	16 28	4 24	4 27	18 41			n.a.
S 28	21 38	17 40	4 10	13 14	3 58	23 54	0 5	17 26	2 58	12 45	0 39	23 55	0 52	24 5	0 27	15 22	1 37	17 44	16 28	4 22	4 26	18 41			n.a.
M29	21 27	18 41	4 39	13 12	4 4	23 57	0 8	17 36	2 58	12 46	0 39	23 56	0 52	24 4	0 27	15 22	1 37	17 43	16 27	4 18	4 25	18 41			n.a.
T 30	21 16	18 52	4 56	13 13	4 9	23 59	0 11	17 46	2 58	12 47	0 38	23 56	0 52	24 4	0 27	15 22	1 37	17 42	16 27	4 14	4 24	18 41			n.a.
W31	21n 5	18s13	5n 1	13n17	4s13	24n 0	0n13	17s56	2s57	12s49	0n38	23s57	0s52	24n 4	0n27	15s22	1n37	17n41	16n27	4s 9	4s22	18s41			n.a.

Julian Day Number = 1362563.5, Delta T = 06h57m40s
Ecliptic obliquity = 23°48'35, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°38'23, Lahiri = -17°31'23 Julian Calendar 1 July 983 BCE == Greg. Calendar 22 June 983 BCE

The year -982 astronomical counting style corresponds to year 983 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 983 BCE
geocentric

AUGUST 983 BCE (-982) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 59 18	27♋57'05	24♉33	11°R52	4♋11	10♏48	5♏ 7	13°R43	7♋ 4	16°R 5	23♍24	10°R 6	10♎50	21♐36	n.a.	T 1
F 2	20 3 15	28°55'23	6♒46	11♌12	5°25	11°20	5°11	13♉39	7° 7	16♏ 5	23°25	9♎53	10°47	21°42	n.a.	F 2
S 3	20 7 12	29°53'43	19° 7	10°27	6°38	11°52	5°15	13°35	7°11	16° 5	23°27	9°43	10°44	21°49	n.a.	S 3
S 4	20 11 8	0♌52'05	1♓37	9°36	7°52	12°25	5°19	13°31	7°14	16° 5	23°29	9°35	10°40	21°56	n.a.	S 4
M 5	20 15 5	1°50'29	14°18	8°41	9° 6	12°57	5°23	13°26	7°18	16° 5	23°30	9°29	10°37	22° 3	n.a.	M 5
T 6	20 19 1	2°48'55	27°10	7°42	10°19	13°30	5°28	13°22	7°21	16° 4	23°32	9°27	10°34	22° 9	n.a.	T 6
W 7	20 22 58	3°47'24	10♈16	6°41	11°33	14° 4	5°32	13°18	7°25	16° 4	23°34	9°D26	10°31	22°16	n.a.	W 7
T 8	20 26 54	4°45'55	23°38	5°39	12°47	14°37	5°37	13°14	7°28	16°D 4	23°36	9°27	10°28	22°23	n.a.	T 8
F 9	20 30 51	5°44'28	7♉18	4°38	14° 1	15°11	5°42	13°10	7°32	16° 4	23°37	9°R27	10°25	22°29	n.a.	F 9
S 10	20 34 47	6°43'04	21°17	3°38	15°15	15°45	5°47	13° 6	7°35	16° 4	23°39	9°26	10°21	22°36	n.a.	S 10
S 11	20 38 44	7°41'42	5♊35	2°42	16°29	16°20	5°52	13° 2	7°38	16° 5	23°41	9°23	10°18	22°43	n.a.	S 11
M12	20 42 40	8°40'22	20°11	1°51	17°43	16°54	5°58	12°58	7°42	16° 5	23°43	9°18	10°15	22°50	n.a.	M12
T 13	20 46 37	9°39'05	4♋59	1° 5	18°57	17°29	6° 4	12°54	7°45	16° 5	23°45	9°10	10°12	22°56	n.a.	T 13
W14	20 50 34	10°37'50	19°53	0°27	20°11	18° 5	6° 9	12°51	7°48	16° 5	23°47	9° 2	10° 9	23° 3	n.a.	W14
T 15	20 54 30	11°36'38	4♌44	29♋57	21°25	18°40	6°15	12°47	7°52	16° 5	23°49	8°53	10° 6	23°10	n.a.	T 15
F 16	20 58 27	12°35'27	19°23	29°36	22°39	19°16	6°21	12°43	7°55	16° 5	23°51	8°44	10° 2	23°16	n.a.	F 16
S 17	21 2 23	13°34'19	3♍42	29°24	23°53	19°52	6°28	12°40	7°58	16° 6	23°53	8°38	9°59	23°23	n.a.	S 17
S 18	21 6 20	14°33'12	17°38	29°D22	25° 8	20°28	6°34	12°36	8° 1	16° 6	23°55	8°34	9°56	23°30	n.a.	S 18
M19	21 10 16	15°32'08	1♎ 7	29°31	26°22	21° 4	6°41	12°33	8° 4	16° 6	23°57	8°32	9°53	23°37	n.a.	M19
T 20	21 14 13	16°31'05	14°10	29°49	27°36	21°41	6°47	12°29	8° 8	16° 7	23°59	8°D31	9°50	23°43	n.a.	T 20
W21	21 18 9	17°30'04	26°50	0♌16	28°51	22°17	6°54	12°26	8°11	16° 7	24° 1	8°32	9°46	23°50	n.a.	W21
T 22	21 22 6	18°29'06	9♏10	0°53	0♌ 5	22°54	7° 1	12°23	8°14	16° 8	24° 3	8°33	9°43	23°57	n.a.	T 22
F 23	21 26 2	19°28'09	21°16	1°39	1°20	23°32	7° 8	12°20	8°17	16° 8	24° 5	8°R34	9°40	24° 3	n.a.	F 23
S 24	21 29 59	20°27'14	3♐13	2°33	2°34	24° 9	7°16	12°17	8°20	16° 9	24° 7	8°33	9°37	24°10	n.a.	S 24
S 25	21 33 56	21°26'21	15° 5	3°34	3°49	24°46	7°23	12°14	8°23	16° 9	24° 9	8°30	9°34	24°17	n.a.	S 25
M26	21 37 52	22°25'30	26°57	4°43	5° 3	25°24	7°31	12°11	8°26	16°10	24°11	8°25	9°31	24°24	n.a.	M26
T 27	21 41 49	23°24'41	8♑54	5°57	6°18	26° 2	7°39	12° 8	8°29	16°10	24°13	8°18	9°27	24°30	n.a.	T 27
W28	21 45 45	24°23'54	20°57	7°17	7°33	26°40	7°46	12° 5	8°32	16°11	24°15	8°10	9°24	24°37	n.a.	W28
T 29	21 49 42	25°23'09	3♒10	8°42	8°47	27°19	7°54	12° 2	8°34	16°12	24°18	8° 2	9°21	24°44	n.a.	T 29
F 30	21 53 38	26°22'26	15°35	10°11	10° 2	27°57	8° 3	12° 0	8°37	16°12	24°20	7°55	9°18	24°51	n.a.	F 30
S 31	21 57 35	27♌21'45	28♒11	11♌43	11♌17	28♏36	8♏11	11♉57	8♋40	16♏13	24♍22	7♎48	9♎15	24♐57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20n54	16s46	4n52	13n24	4s16	24n 1	0n16	18s 6	2s57	12s50	0n38	23s58	0s52	24n 4	0n27	15s22	1n37	17n40	16n26	4s 3	4s21	18s41			n.a.
F 2	20 42	14 32	4 29	13 34	4 17	24 0	0 19	18 16	2 57	12 52	0 38	23 58	0 53	24 4	0 27	15 22	1 37	17 38	16 26	3 59	4 20	18 41			n.a.
S 3	20 29	11 37	3 54	13 47	4 16	24 0	0 21	18 26	2 57	12 53	0 37	23 59	0 53	24 4	0 27	15 22	1 36	17 37	16 25	3 54	4 19	18 42			n.a.
S 4	20 16	8 10	3 7	14 3	4 14	23 58	0 24	18 36	2 57	12 55	0 37	23 59	0 53	24 3	0 27	15 22	1 36	17 36	16 25	3 51	4 17	18 42			n.a.
M 5	20 3	4 17	2 10	14 21	4 10	23 56	0 26	18 46	2 56	12 56	0 37	24 0	0 53	24 3	0 27	15 22	1 36	17 35	16 24	3 49	4 16	18 42			n.a.
T 6	19 50	0 9	1 5	14 43	4 3	23 53	0 29	18 56	2 56	12 58	0 37	24 0	0 53	24 3	0 27	15 22	1 36	17 34	16 24	3 48	4 15	18 42			n.a.
W 7	19 36	4n 3	0s 4	15 6	3 55	23 49	0 31	19 6	2 56	13 0	0 36	24 1	0 53	24 3	0 27	15 22	1 36	17 33	16 23	3 48	4 14	18 42			n.a.
T 8	19 22	8 9	1 15	15 31	3 45	23 45	0 34	19 15	2 55	13 2	0 36	24 1	0 53	24 3	0 27	15 22	1 36	17 32	16 23	3 48	4 12	18 42			n.a.
F 9	19 8	11 55	2 23	15 58	3 32	23 39	0 36	19 25	2 55	13 4	0 36	24 1	0 53	24 3	0 27	15 22	1 36	17 31	16 22	3 48	4 11	18 42			n.a.
S 10	18 53	15 5	3 24	16 26	3 18	23 33	0 38	19 35	2 54	13 6	0 36	24 2	0 53	24 2	0 27	15 22	1 36	17 30	16 22	3 48	4 10	18 42			n.a.
S 11	18 38	17 25	4 14	16 54	3 3	23 27	0 41	19 45	2 54	13 8	0 35	24 2	0 53	24 2	0 27	15 22	1 36	17 29	16 22	3 46	4 8	18 42			n.a.
M12	18 22	18 39	4 48	17 22	2 46	23 20	0 43	19 55	2 54	13 10	0 35	24 3	0 53	24 2	0 27	15 23	1 36	17 27	16 21	3 44	4 7	18 43			n.a.
T 13	18 7	18 39	5 4	17 49	2 28	23 12	0 45	20 5	2 53	13 12	0 35	24 3	0 53	24 2	0 27	15 23	1 36	17 26	16 21	3 41	4 6	18 43			n.a.
W14	17 50	17 23	4 59	18 16	2 9	23 3	0 47	20 14	2 53	13 14	0 35	24 4	0 53	24 2	0 27	15 23	1 36	17 25	16 20	3 38	4 5	18 43			n.a.
T 15	17 34	14 56	4 34	18 41	1 50	22 53	0 49	20 24	2 52	13 16	0 35	24 4	0 53	24 1	0 27	15 23	1 36	17 24	16 20	3 34	4 3	18 43			n.a.
F 16	17 17	11 34	3 52	19 4	1 31	22 43	0 51	20 34	2 52	13 18	0 34	24 4	0 53	24 1	0 27	15 23	1 36	17 23	16 20	3 31	4 2	18 43			n.a.
S 17	17 0	7 35	2 55	19 26	1 12	22 32	0 54	20 43	2 51	13 21	0 34	24 5	0 53	24 1	0 27	15 23	1 36	17 22	16 19	3 28	4 1	18 43			n.a.
S 18	16 43	3 17	1 50	19 44	0 53	22 21	0 55	20 53	2 51	13 23	0 34	24 5	0 53	24 1	0 27	15 23	1 36	17 21	16 19	3 27	4 0	18 43			n.a.
M19	16 26	1s 3	0 40	20 1	0 34	22 9	0 57	21 2	2 50	13 25	0 34	24 6	0 53	24 1	0 27	15 23	1 35	17 20	16 18	3 26	3 58	18 43			n.a.
T 20	16 8	5 12	0n30	20 14	0 17	21 56	0 59	21 11	2 50	13 28	0 34	24 6	0 53	24 1	0 27	15 24	1 35	17 18	16 18	3 26	3 57	18 43			n.a.
W21	15 50	9 0	1 37	20 24	0 0	21 42	1 1	21 21	2 49	13 30	0 33	24 6	0 53	24 0	0 27	15 24	1 35	17 17	16 18	3 26	3 56	18 43			n.a.
T 22	15 31	12 17	2 37	20 31	0n16	21 28	1 3	21 30	2 48	13 33	0 33	24 7	0 53	24 0	0 27	15 24	1 35	17 16	16 17	3 27	3 55	18 43			n.a.
F 23	15 13	14 59	3 30	20 35	0 30	21 13	1 5	21 39	2 48	13 35	0 33	24 7	0 53	24 0	0 27	15 24	1 35	17 15	16 17	3 27	3 53	18 43			n.a.
S 24	14 54	17 0	4 12	20 36	0 44	20 58	1 6	21 48	2 47	13 38	0 33	24 7	0 53	24 0	0 27	15 24	1 35	17 14	16 17	3 26	3 52	18 43			n.a.
S 25	14 35	18 16	4 43	20 33	0 56	20 42	1 8	21 57	2 47	13 41	0 32	24 8	0 54	24 0	0 27	15 25	1 35	17 13	16 16	3 25	3 51	18 43			n.a.
M26	14 15	18 44	5 2	20 28	1 7	20 25	1 9	22 6	2 46	13 43	0 32	24 8	0 54	24 0	0 27	15 25	1 35	17 11	16 16	3 23	3 49	18 44			n.a.
T 27	13 55	18 23	5 8	20 19	1 17	20 8	1 11	22 14	2 45	13 46	0 32	24 8	0 54	23 59	0 27	15 25	1 35	17 10	16 16	3 21	3 48	18 44			n.a.
W28	13 36	17 12	5 1	20 6	1 25	19 50	1 12	22 23	2 45	13 49	0 32	24 8	0 54	23 59	0 27	15 25	1 35	17 9	16 16	3 17	3 47	18 44			n.a.
T 29	13 15	15 13	4 39	19 51	1 32	19 31	1 14	22 31	2 44	13 52	0 32	24 9	0 54	23 59	0 27	15 26	1 35	17 8	16 15	3 14	3 46	18 44			n.a.
F 30	12 55	12 31	4 5	19 33	1 39	19 12	1 15	22 40	2 43	13 55	0 31	24 9	0 54	23 59	0 28	15 26	1 35	17 7	16 15	3 11	3 44	18 44			n.a.
S 31	12n35	9s12	3n18	19n12	1n44	18n53	1n16	22s48	2s43	13s57	0n31	24s 9	0s54	23n59	0n28	15s26	1n35	17n 6	16n15	3s 9	3s43	18s44			n.a.

Julian Day Number = 1362594.5, Delta T = 06h57m38s
Ecliptic obliquity = 23°48'35, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°38'19, Lahiri = -17°31'19 Julian Calendar 1 Aug. 983 BCE == Greg. Calendar 23 July 983 BCE

The year -982 astronomical counting style corresponds to year 983 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 983 BCE
geocentric

SEPTEMBER 983 BCE (-982) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 1 31	28♌21'06	10♓59	13♌18	12♌32	29♏14	8♏19	11°R55	8♋43	16♏14	24♍24	7°R43	9♎11	25♐ 4	n.a.	S 1
M 2	22 5 28	29°20'30	24° 0	14°55	13°47	29°53	8°28	11♑52	8°45	16°15	24°27	7♎41	9° 8	25°11	n.a.	M 2
T 3	22 9 25	0♍19'55	7♈12	16°35	15° 1	0♐32	8°36	11°50	8°48	16°16	24°29	7°D40	9° 5	25°17	n.a.	T 3
W 4	22 13 21	1°19'23	20°36	18°16	16°16	1°12	8°45	11°48	8°51	16°16	24°31	7°40	9° 2	25°24	n.a.	W 4
T 5	22 17 18	2°18'54	4♉11	19°58	17°31	1°51	8°54	11°46	8°53	16°17	24°33	7°42	8°59	25°31	n.a.	T 5
F 6	22 21 14	3°18'27	17°58	21°41	18°46	2°30	9° 3	11°44	8°56	16°18	24°36	7°43	8°56	25°38	n.a.	F 6
S 7	22 25 11	4°18'03	1♊57	23°25	20° 1	3°10	9°12	11°42	8°58	16°19	24°38	7°R44	8°52	25°44	n.a.	S 7
S 8	22 29 7	5°17'41	16° 6	25° 9	21°16	3°50	9°21	11°40	9° 1	16°20	24°40	7°44	8°49	25°51	n.a.	S 8
M 9	22 33 4	6°17'21	0♋25	26°53	22°32	4°30	9°31	11°39	9° 3	16°21	24°43	7°42	8°46	25°58	n.a.	M 9
T 10	22 37 0	7°17'04	14°50	28°38	23°47	5°10	9°40	11°37	9° 6	16°22	24°45	7°38	8°43	26° 4	n.a.	T 10
W11	22 40 57	8°16'49	29°17	0♍22	25° 2	5°50	9°50	11°36	9° 8	16°23	24°47	7°34	8°40	26°11	n.a.	W11
T 12	22 44 53	9°16'37	13♌40	2° 6	26°17	6°30	10° 0	11°34	9°10	16°25	24°50	7°30	8°37	26°18	n.a.	T 12
F 13	22 48 50	10°16'27	27°55	3°50	27°32	7°11	10°10	11°33	9°13	16°26	24°52	7°26	8°33	26°25	n.a.	F 13
S 14	22 52 47	11°16'19	11♍56	5°33	28°47	7°51	10°19	11°32	9°15	16°27	24°54	7°23	8°30	26°31	n.a.	S 14
S 15	22 56 43	12°16'13	25°38	7°16	0♍ 3	8°32	10°30	11°31	9°17	16°28	24°57	7°21	8°27	26°38	n.a.	S 15
M16	23 0 40	13°16'09	8♎59	8°58	1°18	9°13	10°40	11°30	9°19	16°29	24°59	7°D21	8°24	26°45	n.a.	M16
T 17	23 4 36	14°16'07	22° 0	10°40	2°33	9°54	10°50	11°29	9°21	16°31	25° 2	7°21	8°21	26°51	n.a.	T 17
W18	23 8 33	15°16'07	4♏40	12°22	3°49	10°35	11° 0	11°28	9°23	16°32	25° 4	7°23	8°17	26°58	n.a.	W18
T 19	23 12 29	16°16'09	17° 2	14° 3	5° 4	11°16	11°11	11°27	9°25	16°33	25° 6	7°24	8°14	27° 5	n.a.	T 19
F 20	23 16 26	17°16'12	29°10	15°43	6°19	11°57	11°21	11°27	9°27	16°34	25° 9	7°26	8°11	27°12	n.a.	F 20
S 21	23 20 22	18°16'18	11♐ 8	17°23	7°35	12°38	11°32	11°26	9°29	16°36	25°11	7°27	8° 8	27°18	n.a.	S 21
S 22	23 24 19	19°16'25	23° 2	19° 3	8°50	13°20	11°43	11°26	9°31	16°37	25°14	7°R27	8° 5	27°25	n.a.	S 22
M23	23 28 15	20°16'34	4♑55	20°42	10° 5	14° 1	11°54	11°25	9°33	16°39	25°16	7°26	8° 2	27°32	n.a.	M23
T 24	23 32 12	21°16'44	16°52	22°20	11°21	14°43	12° 5	11°25	9°34	16°40	25°19	7°25	7°58	27°39	n.a.	T 24
W25	23 36 9	22°16'57	28°58	23°58	12°36	15°25	12°16	11°D25	9°36	16°42	25°21	7°23	7°55	27°45	n.a.	W25
T 26	23 40 5	23°17'10	11♒16	25°35	13°52	16° 6	12°27	11°25	9°38	16°43	25°24	7°21	7°52	27°52	n.a.	T 26
F 27	23 44 2	24°17'26	23°48	27°12	15° 7	16°48	12°38	11°25	9°39	16°45	25°26	7°19	7°49	27°59	n.a.	F 27
S 28	23 47 58	25°17'44	6♓38	28°49	16°23	17°30	12°49	11°26	9°41	16°46	25°28	7°17	7°46	28° 5	n.a.	S 28
S 29	23 51 55	26°18'03	19°44	0♎25	17°38	18°12	13° 1	11°26	9°42	16°48	25°31	7°16	7°43	28°12	n.a.	S 29
M30	23 55 51	27♍18'24	3♈ 7	2♎ 0	18♍54	18♐54	13♏12	11♑26	9♋44	16♏49	25♍33	7°D15	7♎39	28♐19	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n14	5s24	2n20	18n49	1n48	18n33	1n17	22s56	2s42	14s 0	0n31	24s 9	0s54	23n59	0n28	15s26	1n35	17n 5	16n14	3s 7	3s42	18s44		n.a.
M 2	11 53	1 18	1 14	18 23	1 51	18 12	1 18	23 4	2 41	14 3	0 31	24 10	0 54	23 58	0 28	15 27	1 35	17 3	16 14	3 5	3 41	18 44		n.a.
T 3	11 32	2n56	0 3	17 55	1 54	17 51	1 19	23 12	2 40	14 6	0 31	24 10	0 54	23 58	0 28	15 27	1 35	17 2	16 14	3 5	3 39	18 44		n.a.
W 4	11 10	7 5	1s10	17 25	1 55	17 29	1 20	23 19	2 40	14 9	0 30	24 10	0 54	23 58	0 28	15 27	1 34	17 1	16 14	3 5	3 38	18 44		n.a.
T 5	10 49	10 55	2 20	16 53	1 56	17 7	1 21	23 27	2 39	14 12	0 30	24 10	0 54	23 58	0 28	15 28	1 34	17 0	16 13	3 6	3 37	18 44		n.a.
F 6	10 27	14 13	3 22	16 19	1 56	16 44	1 22	23 34	2 38	14 16	0 30	24 10	0 54	23 58	0 28	15 28	1 34	16 59	16 13	3 7	3 35	18 44		n.a.
S 7	10 5	16 44	4 14	15 44	1 55	16 21	1 23	23 41	2 37	14 19	0 30	24 11	0 54	23 58	0 28	15 28	1 34	16 58	16 13	3 7	3 34	18 44		n.a.
S 8	9 43	18 15	4 51	15 7	1 54	15 57	1 24	23 48	2 37	14 22	0 30	24 11	0 54	23 58	0 28	15 29	1 34	16 57	16 13	3 7	3 33	18 44		n.a.
M 9	9 21	18 39	5 10	14 29	1 52	15 33	1 24	23 55	2 36	14 25	0 30	24 11	0 54	23 57	0 28	15 29	1 34	16 56	16 13	3 6	3 32	18 44		n.a.
T 10	8 58	17 50	5 10	13 50	1 49	15 8	1 25	24 2	2 35	14 28	0 29	24 11	0 54	23 57	0 28	15 29	1 34	16 54	16 12	3 5	3 30	18 44		n.a.
W11	8 36	15 53	4 51	13 10	1 46	14 43	1 25	24 8	2 34	14 32	0 29	24 11	0 54	23 57	0 28	15 30	1 34	16 53	16 12	3 3	3 29	18 44		n.a.
T 12	8 13	12 57	4 13	12 29	1 43	14 18	1 26	24 15	2 33	14 35	0 29	24 11	0 54	23 57	0 28	15 30	1 34	16 52	16 12	3 1	3 28	18 44		n.a.
F 13	7 50	9 16	3 20	11 48	1 39	13 52	1 26	24 21	2 33	14 38	0 29	24 12	0 54	23 57	0 28	15 30	1 34	16 51	16 12	3 0	3 27	18 44		n.a.
S 14	7 27	5 7	2 15	11 5	1 35	13 25	1 27	24 27	2 32	14 41	0 29	24 12	0 54	23 57	0 28	15 31	1 34	16 50	16 12	2 58	3 25	18 44		n.a.
S 15	7 4	0 47	1 4	10 23	1 31	12 59	1 27	24 33	2 31	14 45	0 28	24 12	0 54	23 57	0 28	15 31	1 34	16 49	16 12	2 58	3 24	18 44		n.a.
M16	6 40	3s29	0n 9	9 39	1 26	12 32	1 27	24 39	2 30	14 48	0 28	24 12	0 54	23 57	0 28	15 32	1 34	16 48	16 11	2 58	3 23	18 44		n.a.
T 17	6 17	7 28	1 20	8 55	1 21	12 5	1 27	24 44	2 29	14 52	0 28	24 12	0 54	23 56	0 28	15 32	1 34	16 47	16 11	2 58	3 22	18 44		n.a.
W18	5 54	11 0	2 25	8 11	1 16	11 37	1 27	24 49	2 28	14 55	0 28	24 12	0 54	23 56	0 28	15 33	1 34	16 46	16 11	2 58	3 20	18 44		n.a.
T 19	5 30	13 58	3 22	7 27	1 10	11 9	1 27	24 54	2 27	14 59	0 28	24 12	0 54	23 56	0 28	15 33	1 34	16 45	16 11	2 59	3 19	18 44		n.a.
F 20	5 6	16 15	4 8	6 42	1 5	10 41	1 27	24 59	2 26	15 2	0 28	24 12	0 54	23 56	0 28	15 33	1 34	16 44	16 11	3 0	3 18	18 44		n.a.
S 21	4 42	17 47	4 43	5 58	0 59	10 12	1 27	25 4	2 26	15 6	0 27	24 12	0 54	23 56	0 28	15 34	1 34	16 42	16 11	3 0	3 16	18 44		n.a.
S 22	4 19	18 32	5 6	5 13	0 53	9 43	1 27	25 9	2 25	15 9	0 27	24 12	0 54	23 56	0 28	15 34	1 33	16 41	16 11	3 0	3 15	18 44		n.a.
M23	3 55	18 28	5 15	4 28	0 47	9 14	1 26	25 13	2 24	15 13	0 27	24 12	0 54	23 56	0 28	15 35	1 33	16 40	16 11	3 0	3 14	18 44		n.a.
T 24	3 31	17 35	5 11	3 43	0 41	8 44	1 26	25 17	2 23	15 16	0 27	24 12	0 54	23 56	0 28	15 35	1 33	16 39	16 11	2 59	3 13	18 44		n.a.
W25	3 6	15 54	4 54	2 58	0 35	8 15	1 26	25 21	2 22	15 20	0 27	24 12	0 54	23 56	0 28	15 36	1 33	16 38	16 11	2 58	3 11	18 44		n.a.
T 26	2 42	13 28	4 22	2 13	0 28	7 45	1 25	25 24	2 21	15 23	0 27	24 12	0 54	23 56	0 28	15 36	1 33	16 37	16 11	2 57	3 10	18 44		n.a.
F 27	2 18	10 22	3 38	1 28	0 22	7 15	1 25	25 28	2 20	15 27	0 26	24 12	0 54	23 55	0 28	15 37	1 33	16 36	16 11	2 57	3 9	18 43		n.a.
S 28	1 54	6 43	2 42	0 43	0 15	6 45	1 24	25 31	2 19	15 31	0 26	24 12	0 54	23 55	0 28	15 37	1 33	16 35	16 11	2 56	3 8	18 43		n.a.
S 29	1 30	2 40	1 36	0s 2	0 9	6 14	1 23	25 34	2 18	15 34	0 26	24 12	0 54	23 55	0 28	15 38	1 33	16 34	16 11	2 56	3 6	18 43		n.a.
M30	1n 5	1n37	0n23	0s47	0n 2	5n43	1n23	25s37	2s17	15s38	0n26	24s12	0s54	23n55	0n28	15s38	1n33	16n33	16n11	2s55	3s 5	18s43		n.a.

Julian Day Number = 1362625.5, Delta T = 06h57m36s
Ecliptic obliquity = 23°48'36, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°38'15, Lahiri = -17°31'14 Julian Calendar 1 Sept. 983 BCE == Greg. Calendar 23 Aug. 983 BCE

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ASTRODIENST EPHEMERIS for the year 983 BCE
geocentric

OCTOBER 983 BCE (-982) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 59 48	28♍18'46	16♈45	3♎36	20♍ 9	19♐36	13♏24	11♑27	9♋45	16♏51	25♍36	7♎15	7♎36	28♐26	n.a.	T 1
W 2	0 3 44	29°19'11	0♉36	5°10	21°25	20°19	13°36	11°28	9°46	16°53	25°38	7°16	7°33	28°32	n.a.	W 2
T 3	0 7 41	0♎19'38	14°37	6°45	22°40	21° 1	13°47	11°28	9°48	16°54	25°41	7°17	7°30	28°39	n.a.	T 3
F 4	0 11 38	1°20'07	28°44	8°19	23°56	21°43	13°59	11°29	9°49	16°56	25°43	7°17	7°27	28°46	n.a.	F 4
S 5	0 15 34	2°20'38	12♊56	9°53	25°11	22°26	14°11	11°30	9°50	16°58	25°45	7°18	7°23	28°52	n.a.	S 5
S 6	0 19 31	3°21'11	27° 9	11°26	26°27	23° 8	14°23	11°31	9°51	17° 0	25°48	7°18	7°20	28°59	n.a.	S 6
M 7	0 23 27	4°21'46	11♋20	12°59	27°42	23°51	14°35	11°33	9°52	17° 1	25°50	7°R18	7°17	29° 6	n.a.	M 7
T 8	0 27 24	5°22'23	25°28	14°32	28°58	24°33	14°47	11°34	9°53	17° 3	25°53	7°18	7°14	29°13	n.a.	T 8
W 9	0 31 20	6°23'01	9♌31	16° 5	0♎14	25°16	14°59	11°35	9°54	17° 5	25°55	7°18	7°11	29°19	n.a.	W 9
T 10	0 35 17	7°23'42	23°26	17°37	1°29	25°59	15°12	11°37	9°55	17° 7	25°58	7°D18	7° 8	29°26	n.a.	T 10
F 11	0 39 13	8°24'25	7♍11	19° 9	2°45	26°41	15°24	11°38	9°56	17° 9	26° 0	7°18	7° 4	29°33	n.a.	F 11
S 12	0 43 10	9°25'09	20°44	20°40	4° 0	27°24	15°36	11°40	9°57	17°10	26° 2	7°18	7° 1	29°40	n.a.	S 12
S 13	0 47 6	10°25'54	4♎ 4	22°12	5°16	28° 7	15°49	11°42	9°57	17°12	26° 5	7°R18	6°58	29°46	n.a.	S 13
M14	0 51 3	11°26'42	17° 9	23°43	6°32	28°50	16° 1	11°44	9°58	17°14	26° 7	7°18	6°55	29°53	n.a.	M14
T 15	0 55 0	12°27'31	29°58	25°14	7°47	29°33	16°14	11°46	9°59	17°16	26° 9	7°18	6°52	29°59	n.a.	T 15
W16	0 58 56	13°28'21	12♏32	26°44	9° 3	0♑16	16°27	11°48	9°59	17°18	26°12	7°17	6°48	0♑ 6	n.a.	W16
T 17	1 2 53	14°29'12	24°51	28°15	10°19	0°59	16°39	11°50	10° 0	17°20	26°14	7°16	6°45	0°13	n.a.	T 17
F 18	1 6 49	15°30'05	6♐59	29°45	11°34	1°42	16°52	11°52	10° 0	17°22	26°17	7°15	6°42	0°20	n.a.	F 18
S 19	1 10 46	16°30'59	18°57	1♏14	12°50	2°25	17° 5	11°55	10° 1	17°24	26°19	7°14	6°39	0°27	n.a.	S 19
S 20	1 14 42	17°31'54	0♑51	2°44	14° 5	3° 8	17°18	11°57	10° 1	17°26	26°21	7°13	6°36	0°33	n.a.	S 20
M21	1 18 39	18°32'50	12°43	4°12	15°21	3°52	17°31	12° 0	10° 1	17°28	26°24	7°12	6°33	0°40	n.a.	M21
T 22	1 22 35	19°33'47	24°38	5°41	16°37	4°35	17°44	12° 3	10° 2	17°30	26°26	7°D12	6°29	0°47	n.a.	T 22
W23	1 26 32	20°34'45	6♒42	7° 9	17°52	5°18	17°57	12° 5	10° 2	17°32	26°28	7°13	6°26	0°53	n.a.	W23
T 24	1 30 29	21°35'44	18°59	8°36	19° 8	6° 1	18°10	12° 8	10° 2	17°34	26°30	7°14	6°23	1° 0	n.a.	T 24
F 25	1 34 25	22°36'44	1♓33	10° 2	20°24	6°45	18°23	12°11	10° 2	17°36	26°33	7°15	6°20	1° 7	n.a.	F 25
S 26	1 38 22	23°37'44	14°28	11°28	21°39	7°28	18°36	12°14	10°R 2	17°39	26°35	7°17	6°17	1°14	n.a.	S 26
S 27	1 42 18	24°38'46	27°45	12°53	22°55	8°12	18°49	12°18	10° 2	17°41	26°37	7°17	6°14	1°20	n.a.	S 27
M28	1 46 15	25°39'48	11♈25	14°17	24°10	8°55	19° 3	12°21	10° 2	17°43	26°39	7°R18	6°10	1°27	n.a.	M28
T 29	1 50 11	26°40'52	25°26	15°39	25°26	9°38	19°16	12°24	10° 2	17°45	26°41	7°17	6° 7	1°34	n.a.	T 29
W30	1 54 8	27°41'56	9♉45	17° 1	26°42	10°22	19°29	12°28	10° 1	17°47	26°44	7°15	6° 4	1°41	n.a.	W30
T 31	1 58 4	28♎43'02	24♉16	18♏20	27♎57	11♑ 5	19♏43	12♑31	10♋ 1	17♏49	26♍46	7♎12	6♎ 1	1♑47	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n41	5n53	0s52	1s31	0s 4	5n13	1n22	25s40	2s16	15s42	0n26	24s12	0s54	23n55	0n28	15s39	1n33	16n32	16n11	2s55	3s 4	18s43		n.a.
W 2	0 16	9 54	2 6	2 15	0 11	4 42	1 21	25 42	2 15	15 45	0 26	24 12	0 54	23 55	0 29	15 39	1 33	16 31	16 11	2 56	3 2	18 43		n.a.
T 3	0s 8	13 24	3 13	2 59	0 17	4 10	1 20	25 44	2 14	15 49	0 26	24 12	0 54	23 55	0 29	15 40	1 33	16 30	16 11	2 56	3 1	18 43		n.a.
F 4	0 32	16 9	4 8	3 43	0 24	3 39	1 19	25 46	2 13	15 53	0 25	24 12	0 54	23 55	0 29	15 40	1 33	16 29	16 11	2 56	3 0	18 43		n.a.
S 5	0 57	17 55	4 49	4 26	0 31	3 8	1 18	25 47	2 12	15 56	0 25	24 12	0 54	23 55	0 29	15 41	1 33	16 28	16 11	2 56	2 59	18 43		n.a.
S 6	1 21	18 34	5 12	5 9	0 37	2 36	1 17	25 49	2 11	16 0	0 25	24 12	0 54	23 55	0 29	15 41	1 33	16 27	16 11	2 56	2 57	18 43		n.a.
M 7	1 46	18 4	5 16	5 52	0 43	2 5	1 16	25 50	2 10	16 4	0 25	24 11	0 54	23 55	0 29	15 42	1 33	16 27	16 11	2 56	2 56	18 43		n.a.
T 8	2 10	16 26	5 1	6 35	0 50	1 33	1 14	25 51	2 9	16 8	0 25	24 11	0 54	23 55	0 29	15 42	1 33	16 26	16 11	2 56	2 55	18 43		n.a.
W 9	2 34	13 50	4 29	7 17	0 56	1 2	1 13	25 52	2 8	16 12	0 25	24 11	0 54	23 55	0 29	15 43	1 33	16 25	16 11	2 56	2 54	18 43		n.a.
T 10	2 59	10 27	3 40	7 58	1 2	0 30	1 12	25 52	2 7	16 15	0 24	24 11	0 54	23 55	0 29	15 44	1 33	16 24	16 11	2 56	2 52	18 43		n.a.
F 11	3 23	6 33	2 39	8 39	1 8	0s 2	1 11	25 52	2 6	16 19	0 24	24 11	0 54	23 55	0 29	15 44	1 33	16 23	16 11	2 56	2 51	18 42		n.a.
S 12	3 47	2 20	1 31	9 20	1 14	0 34	1 9	25 52	2 5	16 23	0 24	24 11	0 54	23 55	0 29	15 45	1 33	16 22	16 11	2 56	2 50	18 42		n.a.
S 13	4 12	1s55	0 18	10 0	1 20	1 5	1 8	25 52	2 4	16 27	0 24	24 11	0 54	23 55	0 29	15 45	1 33	16 21	16 11	2 56	2 48	18 42		n.a.
M14	4 36	6 0	0n54	10 40	1 26	1 37	1 6	25 51	2 3	16 30	0 24	24 10	0 54	23 55	0 29	15 46	1 32	16 20	16 11	2 56	2 47	18 42		n.a.
T 15	5 0	9 43	2 2	11 19	1 31	2 9	1 5	25 51	2 2	16 34	0 24	24 10	0 54	23 55	0 29	15 46	1 32	16 19	16 11	2 56	2 46	18 42		n.a.
W16	5 24	12 56	3 3	11 58	1 37	2 41	1 3	25 50	2 1	16 38	0 24	24 10	0 54	23 55	0 29	15 47	1 32	16 19	16 12	2 56	2 45	18 42		n.a.
T 17	5 48	15 29	3 54	12 36	1 42	3 12	1 1	25 48	2 0	16 42	0 23	24 10	0 54	23 55	0 29	15 48	1 32	16 18	16 12	2 56	2 43	18 42		n.a.
F 18	6 12	17 19	4 34	13 13	1 47	3 44	1 0	25 47	1 59	16 46	0 23	24 10	0 54	23 55	0 29	15 48	1 32	16 17	16 12	2 55	2 42	18 42		n.a.
S 19	6 35	18 21	5 1	13 49	1 51	4 15	0 58	25 45	1 58	16 50	0 23	24 9	0 54	23 55	0 29	15 49	1 32	16 16	16 12	2 55	2 41	18 42		n.a.
S 20	6 59	18 34	5 15	14 25	1 56	4 47	0 56	25 43	1 57	16 53	0 23	24 9	0 54	23 55	0 29	15 49	1 32	16 15	16 12	2 54	2 39	18 42		n.a.
M21	7 23	17 58	5 15	15 0	2 0	5 18	0 54	25 41	1 56	16 57	0 23	24 9	0 54	23 55	0 29	15 50	1 32	16 15	16 12	2 54	2 38	18 41		n.a.
T 22	7 46	16 34	5 2	15 34	2 4	5 49	0 52	25 39	1 55	17 1	0 23	24 9	0 53	23 55	0 29	15 51	1 32	16 14	16 12	2 54	2 37	18 41		n.a.
W23	8 9	14 26	4 36	16 7	2 8	6 21	0 50	25 36	1 54	17 5	0 23	24 8	0 53	23 55	0 29	15 51	1 32	16 13	16 13	2 54	2 36	18 41		n.a.
T 24	8 33	11 37	3 56	16 39	2 11	6 52	0 48	25 33	1 53	17 9	0 23	24 8	0 53	23 55	0 29	15 52	1 32	16 12	16 13	2 55	2 34	18 41		n.a.
F 25	8 56	8 13	3 5	17 10	2 14	7 22	0 46	25 30	1 52	17 12	0 22	24 8	0 53	23 55	0 29	15 52	1 32	16 12	16 13	2 55	2 33	18 41		n.a.
S 26	9 19	4 19	2 3	17 40	2 17	7 53	0 44	25 26	1 51	17 16	0 22	24 7	0 53	23 55	0 29	15 53	1 32	16 11	16 13	2 56	2 32	18 41		n.a.
S 27	9 42	0 6	0 53	18 9	2 19	8 23	0 42	25 23	1 50	17 20	0 22	24 7	0 53	23 55	0 29	15 54	1 32	16 10	16 14	2 56	2 31	18 41		n.a.
M28	10 4	4n14	0s23	18 37	2 21	8 54	0 40	25 19	1 49	17 24	0 22	24 7	0 53	23 55	0 29	15 54	1 32	16 10	16 14	2 56	2 29	18 40		n.a.
T 29	10 27	8 28	1 38	19 3	2 22	9 24	0 38	25 15	1 48	17 28	0 22	24 6	0 53	23 55	0 29	15 55	1 32	16 9	16 14	2 56	2 28	18 40		n.a.
W30	10 49	12 17	2 49	19 27	2 23	9 53	0 36	25 10	1 47	17 31	0 22	24 6	0 53	23 55	0 30	15 56	1 32	16 8	16 14	2 55	2 27	18 40		n.a.
T 31	11s11	15n24	3s51	19s51	2s23	10s23	0n34	25s 5	1s46	17s35	0n22	24s 6	0s53	23n55	0n30	15s56	1n32	16n 8	16n15	2s54	2s25	18s40		n.a.

Julian Day Number = 1362655.5, Delta T = 06h57m35s
Ecliptic obliquity = 23°48'36, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°38'11, Lahiri = -17°31'10 Julian Calendar 1 Oct. 983 BCE == Greg. Calendar 22 Sept. 983 BCE

The year -982 astronomical counting style corresponds to year 983 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 983 BCE
geocentric

NOVEMBER 983 BCE (-982) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 2 1	29♎44'08	8♊53	19♏38	29♎13	11♑49	19♏56	12♑35	10°R 1	17♏51	26♍48	7°R 9	5♎58	1♑54	n.a.	F 1
S 2	2 5 58	0♏45'16	23°29	20°53	0♏29	12°32	20° 9	12°39	10♋ 0	17°54	26°50	7♎ 6	5°54	2° 1	n.a.	S 2
S 3	2 9 54	1°46'25	7♋59	22° 6	1°44	13°16	20°23	12°43	10° 0	17°56	26°52	7° 3	5°51	2° 7	n.a.	S 3
M 4	2 13 51	2°47'34	22°18	23°17	3° 0	13°59	20°37	12°46	9°59	17°58	26°54	7° 2	5°48	2°14	n.a.	M 4
T 5	2 17 47	3°48'45	6♌23	24°23	4°15	14°43	20°50	12°50	9°59	18° 0	26°56	7°D 1	5°45	2°21	n.a.	T 5
W 6	2 21 44	4°49'57	20°13	25°26	5°31	15°26	21° 4	12°54	9°58	18° 2	26°58	7° 2	5°42	2°28	n.a.	W 6
T 7	2 25 40	5°51'10	3♍48	26°24	6°46	16°10	21°17	12°59	9°58	18° 5	27° 0	7° 4	5°39	2°34	n.a.	T 7
F 8	2 29 37	6°52'24	17° 9	27°18	8° 2	16°53	21°31	13° 3	9°57	18° 7	27° 2	7° 5	5°35	2°41	n.a.	F 8
S 9	2 33 33	7°53'38	0♎16	28° 5	9°18	17°37	21°45	13° 7	9°56	18° 9	27° 4	7° 6	5°32	2°48	n.a.	S 9
S 10	2 37 30	8°54'54	13°11	28°45	10°33	18°21	21°58	13°12	9°55	18°11	27° 6	7°R 6	5°29	2°55	n.a.	S 10
M11	2 41 27	9°56'10	25°54	29°18	11°49	19° 4	22°12	13°16	9°54	18°14	27° 8	7° 5	5°26	3° 1	n.a.	M11
T 12	2 45 23	10°57'26	8♏27	29°43	13° 4	19°48	22°26	13°21	9°53	18°16	27°10	7° 1	5°23	3° 8	n.a.	T 12
W13	2 49 20	11°58'43	20°49	29°58	14°20	20°31	22°40	13°25	9°52	18°18	27°12	6°56	5°19	3°15	n.a.	W13
T 14	2 53 16	13° 0'01	3♐ 1	0°R 3	15°35	21°15	22°53	13°30	9°51	18°20	27°14	6°50	5°16	3°21	n.a.	T 14
F 15	2 57 13	14° 1'18	15° 4	29°57	16°51	21°59	23° 7	13°35	9°50	18°23	27°16	6°42	5°13	3°28	n.a.	F 15
S 16	3 1 9	15° 2'36	27° 1	29°40	18° 7	22°42	23°21	13°40	9°49	18°25	27°18	6°35	5°10	3°35	n.a.	S 16
S 17	3 5 6	16° 3'54	8♑53	29°11	19°22	23°26	23°35	13°45	9°48	18°27	27°20	6°28	5° 7	3°42	n.a.	S 17
M18	3 9 3	17° 5'13	20°44	28°30	20°38	24°10	23°49	13°50	9°47	18°29	27°21	6°23	5° 4	3°48	n.a.	M18
T 19	3 12 59	18° 6'31	2♒37	27°38	21°53	24°53	24° 3	13°55	9°46	18°32	27°23	6°20	5° 0	3°55	n.a.	T 19
W20	3 16 56	19° 7'48	14°38	26°36	23° 9	25°37	24°16	14° 0	9°44	18°34	27°25	6°D18	4°57	4° 2	n.a.	W20
T 21	3 20 52	20° 9'06	26°50	25°25	24°24	26°21	24°30	14° 5	9°43	18°36	27°26	6°18	4°54	4° 8	n.a.	T 21
F 22	3 24 49	21°10'24	9♓19	24° 9	25°39	27° 4	24°44	14°11	9°41	18°39	27°28	6°20	4°51	4°15	n.a.	F 22
S 23	3 28 45	22°11'41	22° 9	22°48	26°55	27°48	24°58	14°16	9°40	18°41	27°30	6°21	4°48	4°22	n.a.	S 23
S 24	3 32 42	23°12'58	5♈25	21°26	28°10	28°31	25°12	14°22	9°38	18°43	27°31	6°R22	4°45	4°29	n.a.	S 24
M25	3 36 38	24°14'15	19° 9	20° 6	29°26	29°15	25°26	14°27	9°37	18°45	27°33	6°21	4°41	4°35	n.a.	M25
T 26	3 40 35	25°15'31	3♉20	18°50	0♐41	29°59	25°40	14°33	9°35	18°48	27°34	6°18	4°38	4°42	n.a.	T 26
W27	3 44 32	26°16'47	17°57	17°40	1°57	0♒42	25°54	14°38	9°34	18°50	27°36	6°13	4°35	4°49	n.a.	W27
T 28	3 48 28	27°18'03	2♊51	16°38	3°12	1°26	26° 8	14°44	9°32	18°52	27°37	6° 6	4°32	4°56	n.a.	T 28
F 29	3 52 25	28°19'19	17°56	15°45	4°27	2° 9	26°22	14°50	9°30	18°54	27°39	5°57	4°29	5° 2	n.a.	F 29
S 30	3 56 21	29♏20'35	3♋ 0	15♏ 2	5♐43	2♒53	26♏36	14♑56	9♋28	18♏57	27♍40	5♎49	4♎25	5♑ 9	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s33	17n34	4s37	20s12	2s23	10s52	0n32	25s 1	1s44	17s39	0n22	24s 5	0s53	23n55	0n30	15s57	1n32	16n 7	16n15	2s53	2s24	18s40		n.a.
S 2	11 55	18 34	5 5	20 32	2 22	11 21	0 29	24 55	1 43	17 43	0 21	24 5	0 53	23 55	0 30	15 58	1 32	16 6	16 15	2 52	2 23	18 40		n.a.
S 3	12 16	18 20	5 14	20 50	2 20	11 50	0 27	24 50	1 42	17 47	0 21	24 5	0 53	23 55	0 30	15 58	1 32	16 6	16 15	2 51	2 22	18 40		n.a.
M 4	12 38	16 57	5 3	21 5	2 17	12 19	0 25	24 44	1 41	17 50	0 21	24 4	0 53	23 55	0 30	15 59	1 32	16 5	16 16	2 50	2 20	18 39		n.a.
T 5	12 59	14 33	4 34	21 19	2 14	12 47	0 23	24 39	1 40	17 54	0 21	24 4	0 53	23 55	0 30	15 59	1 32	16 5	16 16	2 50	2 19	18 39		n.a.
W 6	13 20	11 21	3 49	21 30	2 9	13 15	0 20	24 33	1 39	17 58	0 21	24 3	0 53	23 55	0 30	16 0	1 32	16 4	16 16	2 50	2 18	18 39		n.a.
T 7	13 41	7 36	2 53	21 39	2 4	13 42	0 18	24 26	1 38	18 2	0 21	24 3	0 53	23 55	0 30	16 1	1 32	16 4	16 17	2 51	2 16	18 39		n.a.
F 8	14 1	3 31	1 47	21 45	1 57	14 9	0 16	24 20	1 37	18 5	0 21	24 3	0 53	23 56	0 30	16 1	1 32	16 3	16 17	2 51	2 15	18 39		n.a.
S 9	14 21	0s41	0 37	21 49	1 50	14 36	0 13	24 13	1 36	18 9	0 21	24 2	0 53	23 56	0 30	16 2	1 32	16 3	16 17	2 52	2 14	18 38		n.a.
S 10	14 41	4 47	0n33	21 49	1 41	15 2	0 11	24 6	1 35	18 13	0 20	24 2	0 53	23 56	0 30	16 3	1 32	16 2	16 18	2 52	2 13	18 38		n.a.
M11	15 1	8 36	1 41	21 47	1 30	15 29	0 9	23 59	1 34	18 16	0 20	24 1	0 53	23 56	0 30	16 3	1 32	16 2	16 18	2 51	2 11	18 38		n.a.
T 12	15 21	11 58	2 43	21 41	1 19	15 54	0 6	23 51	1 33	18 20	0 20	24 1	0 53	23 56	0 30	16 4	1 32	16 1	16 18	2 50	2 10	18 38		n.a.
W13	15 40	14 46	3 36	21 31	1 6	16 19	0 4	23 44	1 32	18 24	0 20	24 0	0 53	23 56	0 30	16 5	1 32	16 1	16 19	2 48	2 9	18 38		n.a.
T 14	15 59	16 52	4 18	21 18	0 51	16 44	0 2	23 36	1 31	18 28	0 20	24 0	0 53	23 56	0 30	16 5	1 32	16 0	16 19	2 45	2 8	18 38		n.a.
F 15	16 18	18 11	4 48	21 1	0 35	17 8	0s 1	23 28	1 30	18 31	0 20	23 59	0 53	23 56	0 30	16 6	1 32	16 0	16 19	2 42	2 6	18 37		n.a.
S 16	16 36	18 41	5 5	20 41	0 18	17 32	0 3	23 19	1 29	18 35	0 20	23 59	0 53	23 56	0 30	16 6	1 32	15 59	16 20	2 39	2 5	18 37		n.a.
S 17	16 54	18 22	5 9	20 17	0n 1	17 56	0 5	23 11	1 28	18 38	0 20	23 58	0 53	23 57	0 30	16 7	1 32	15 59	16 20	2 37	2 4	18 37		n.a.
M18	17 12	17 14	5 0	19 49	0 20	18 19	0 8	23 2	1 27	18 42	0 20	23 58	0 53	23 57	0 30	16 8	1 32	15 59	16 20	2 34	2 2	18 37		n.a.
T 19	17 29	15 22	4 38	19 17	0 40	18 41	0 10	22 53	1 25	18 46	0 19	23 57	0 53	23 57	0 30	16 8	1 32	15 58	16 21	2 33	2 1	18 37		n.a.
W20	17 46	12 49	4 3	18 43	1 0	19 3	0 13	22 44	1 24	18 49	0 19	23 57	0 53	23 57	0 30	16 9	1 32	15 58	16 21	2 32	2 0	18 36		n.a.
T 21	18 3	9 40	3 17	18 7	1 20	19 24	0 15	22 34	1 23	18 53	0 19	23 56	0 53	23 57	0 30	16 10	1 32	15 58	16 22	2 33	1 59	18 36		n.a.
F 22	18 20	6 2	2 21	17 29	1 40	19 45	0 17	22 25	1 22	18 56	0 19	23 56	0 53	23 57	0 30	16 10	1 32	15 57	16 22	2 33	1 57	18 36		n.a.
S 23	18 36	2 0	1 16	16 51	1 58	20 5	0 20	22 15	1 21	19 0	0 19	23 55	0 53	23 57	0 30	16 11	1 32	15 57	16 22	2 34	1 56	18 36		n.a.
S 24	18 52	2n16	0 5	16 14	2 15	20 25	0 22	22 5	1 20	19 3	0 19	23 54	0 53	23 57	0 30	16 12	1 32	15 57	16 23	2 34	1 55	18 35		n.a.
M25	19 7	6 33	1s 8	15 39	2 30	20 44	0 24	21 55	1 19	19 7	0 19	23 54	0 53	23 58	0 30	16 12	1 32	15 57	16 23	2 34	1 53	18 35		n.a.
T 26	19 22	10 38	2 20	15 6	2 42	21 3	0 27	21 44	1 18	19 10	0 19	23 53	0 53	23 58	0 30	16 13	1 32	15 56	16 24	2 32	1 52	18 35		n.a.
W27	19 37	14 10	3 25	14 36	2 52	21 20	0 29	21 34	1 17	19 14	0 19	23 53	0 53	23 58	0 30	16 13	1 32	15 56	16 24	2 30	1 51	18 35		n.a.
T 28	19 52	16 52	4 16	14 11	3 0	21 38	0 31	21 23	1 16	19 17	0 18	23 52	0 53	23 58	0 30	16 14	1 32	15 56	16 25	2 27	1 50	18 34		n.a.
F 29	20 6	18 25	4 51	13 51	3 6	21 54	0 33	21 12	1 15	19 21	0 18	23 51	0 53	23 58	0 30	16 15	1 32	15 56	16 25	2 24	1 48	18 34		n.a.
S 30	20s19	18n41	5s 5	13s35	3n10	22s10	0s35	21s 1	1s14	19s24	0n18	23s51	0s53	23n58	0n31	16s15	1n32	15n56	16n26	2s21	1s47	18s34		n.a.

Julian Day Number = 1362686.5, Delta T = 06h57m33s
Ecliptic obliquity = 23°48'36, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°38'07, Lahiri = -17°31'06 Julian Calendar 1 Nov. 983 BCE == Greg. Calendar 23 Oct. 983 BCE

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ASTRODIENST EPHEMERIS for the year 983 BCE
geocentric

DECEMBER 983 BCE (-982) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 0 18	0♐21'51	17♋55	14°R29	6♐58	3♒36	26♏50	15♑ 1	9°R27	18♏59	27♍42	5°R41	4♎22	5♑16	n.a.	S 1
M 2	4 4 14	1°23'07	2♌33	14♏ 6	8°14	4°20	27° 3	15° 7	9♋25	19° 1	27°43	5♎36	4°19	5°22	n.a.	M 2
T 3	4 8 11	2°24'22	16°48	13°53	9°29	5° 3	27°17	15°13	9°23	19° 3	27°45	5°32	4°16	5°29	n.a.	T 3
W 4	4 12 8	3°25'37	0♍40	13°D50	10°44	5°47	27°31	15°19	9°21	19° 6	27°46	5°D31	4°13	5°36	n.a.	W 4
T 5	4 16 4	4°26'53	14°10	13°55	12° 0	6°30	27°45	15°26	9°19	19° 8	27°47	5°31	4°10	5°43	n.a.	T 5
F 6	4 20 1	5°28'07	27°18	14° 8	13°15	7°14	27°59	15°32	9°17	19°10	27°48	5°32	4° 6	5°49	n.a.	F 6
S 7	4 23 57	6°29'22	10♎ 9	14°28	14°30	7°57	28°13	15°38	9°15	19°12	27°50	5°R32	4° 3	5°56	n.a.	S 7
S 8	4 27 54	7°30'37	22°46	14°56	15°45	8°41	28°27	15°44	9°13	19°14	27°51	5°31	4° 0	6° 3	n.a.	S 8
M 9	4 31 50	8°31'51	5♏12	15°29	17° 1	9°24	28°41	15°51	9°11	19°17	27°52	5°27	3°57	6°10	n.a.	M 9
T 10	4 35 47	9°33'04	17°28	16° 8	18°16	10° 7	28°55	15°57	9° 8	19°19	27°53	5°20	3°54	6°16	n.a.	T 10
W11	4 39 43	10°34'17	29°37	16°51	19°31	10°51	29° 8	16° 3	9° 6	19°21	27°54	5°10	3°51	6°23	n.a.	W11
T 12	4 43 40	11°35'29	11♐39	17°40	20°47	11°34	29°22	16°10	9° 4	19°23	27°55	4°58	3°47	6°30	n.a.	T 12
F 13	4 47 37	12°36'41	23°37	18°32	22° 2	12°17	29°36	16°16	9° 2	19°25	27°56	4°44	3°44	6°36	n.a.	F 13
S 14	4 51 33	13°37'52	5♑31	19°27	23°17	13° 1	29°50	16°23	9° 0	19°27	27°57	4°30	3°41	6°43	n.a.	S 14
S 15	4 55 30	14°39'01	17°22	20°26	24°32	13°44	0♐ 3	16°30	8°57	19°29	27°58	4°18	3°38	6°50	n.a.	S 15
M16	4 59 26	15°40'10	29°13	21°28	25°47	14°27	0°17	16°36	8°55	19°31	27°59	4° 7	3°35	6°57	n.a.	M16
T 17	5 3 23	16°41'18	11♒ 6	22°33	27° 3	15°11	0°31	16°43	8°53	19°34	28° 0	3°58	3°31	7° 3	n.a.	T 17
W18	5 7 19	17°42'24	23° 5	23°40	28°18	15°54	0°44	16°50	8°50	19°36	28° 1	3°53	3°28	7°10	n.a.	W18
T 19	5 11 16	18°43'29	5♓14	24°49	29°33	16°37	0°58	16°56	8°48	19°38	28° 2	3°50	3°25	7°17	n.a.	T 19
F 20	5 15 12	19°44'33	17°38	26° 0	0♑48	17°20	1°12	17° 3	8°45	19°40	28° 2	3°D50	3°22	7°24	n.a.	F 20
S 21	5 19 9	20°45'36	0♈21	27°13	2° 3	18° 4	1°25	17°10	8°43	19°42	28° 3	3°R50	3°19	7°30	n.a.	S 21
S 22	5 23 6	21°46'37	13°29	28°28	3°18	18°47	1°39	17°17	8°40	19°44	28° 4	3°49	3°16	7°37	n.a.	S 22
M23	5 27 2	22°47'37	27° 5	29°44	4°33	19°30	1°52	17°24	8°38	19°46	28° 4	3°48	3°12	7°44	n.a.	M23
T 24	5 30 59	23°48'35	11♉12	1♐ 1	5°48	20°13	2° 6	17°31	8°35	19°48	28° 5	3°43	3° 9	7°50	n.a.	T 24
W25	5 34 55	24°49'32	25°47	2°20	7° 4	20°56	2°19	17°38	8°33	19°50	28° 6	3°36	3° 6	7°57	n.a.	W25
T 26	5 38 52	25°50'27	10♊48	3°41	8°19	21°39	2°33	17°45	8°30	19°52	28° 6	3°27	3° 3	8° 4	n.a.	T 26
F 27	5 42 48	26°51'22	26° 5	5° 2	9°34	22°22	2°46	17°52	8°28	19°53	28° 7	3°16	3° 0	8°11	n.a.	F 27
S 28	5 46 45	27°52'15	11♋26	6°24	10°49	23° 5	2°59	17°59	8°25	19°55	28° 7	3° 4	2°57	8°17	n.a.	S 28
S 29	5 50 42	28°53'06	26°41	7°48	12° 3	23°48	3°13	18° 6	8°23	19°57	28° 8	2°53	2°53	8°24	n.a.	S 29
M30	5 54 38	29°53'57	11♌38	9°13	13°18	24°31	3°26	18°13	8°20	19°59	28° 8	2°45	2°50	8°31	n.a.	M30
T 31	5 58 35	0♑54'46	26♌11	10♐38	14♑33	25♒14	3♐39	18♑20	8♋17	20♏ 1	28♍ 8	2♎39	2♎47	8♑37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s33	17n39	4s59	13s24	3n11	22s26	0s38	20s50	1s13	19s27	0n18	23s50	0s53	23n59	0n31	16s16	1n32	15n56	16n26	2s18	1s46	18s34			n.a.
M 2	20 45	15 28	4 33	13 17	3 11	22 40	0 40	20 38	1 12	19 31	0 18	23 49	0 53	23 59	0 31	16 17	1 32	15 55	16 26	2 15	1 45	18 34			n.a.
T 3	20 58	12 23	3 50	13 15	3 9	22 54	0 42	20 27	1 11	19 34	0 18	23 49	0 54	23 59	0 31	16 17	1 32	15 55	16 27	2 14	1 43	18 33			n.a.
W 4	21 10	8 40	2 55	13 17	3 6	23 8	0 44	20 15	1 10	19 37	0 18	23 48	0 54	23 59	0 31	16 18	1 32	15 55	16 27	2 14	1 42	18 33			n.a.
T 5	21 22	4 37	1 52	13 23	3 1	23 20	0 46	20 3	1 9	19 41	0 18	23 47	0 54	23 59	0 31	16 18	1 32	15 55	16 28	2 14	1 41	18 33			n.a.
F 6	21 33	0 25	0 44	13 32	2 56	23 32	0 48	19 51	1 8	19 44	0 18	23 47	0 54	23 59	0 31	16 19	1 32	15 55	16 28	2 14	1 39	18 32			n.a.
S 7	21 44	3s42	0n25	13 43	2 50	23 43	0 50	19 38	1 7	19 47	0 18	23 46	0 54	24 0	0 31	16 20	1 32	15 55	16 29	2 14	1 38	18 32			n.a.
S 8	21 54	7 35	1 31	13 58	2 43	23 54	0 52	19 26	1 6	19 50	0 17	23 45	0 54	24 0	0 31	16 20	1 32	15 55	16 29	2 13	1 37	18 32			n.a.
M 9	22 4	11 5	2 31	14 15	2 36	24 4	0 54	19 13	1 5	19 53	0 17	23 44	0 54	24 0	0 31	16 21	1 32	15 55	16 30	2 12	1 36	18 32			n.a.
T 10	22 14	14 3	3 24	14 33	2 28	24 13	0 56	19 0	1 4	19 57	0 17	23 44	0 54	24 0	0 31	16 21	1 32	15 55	16 30	2 9	1 34	18 31			n.a.
W11	22 23	16 22	4 6	14 54	2 20	24 21	0 58	18 47	1 3	20 0	0 17	23 43	0 54	24 0	0 31	16 22	1 32	15 55	16 31	2 5	1 33	18 31			n.a.
T 12	22 31	17 57	4 37	15 15	2 12	24 29	1 0	18 34	1 2	20 3	0 17	23 42	0 54	24 0	0 31	16 23	1 32	15 55	16 31	2 0	1 32	18 31			n.a.
F 13	22 40	18 44	4 56	15 38	2 3	24 35	1 2	18 21	1 1	20 6	0 17	23 41	0 54	24 1	0 31	16 23	1 32	15 55	16 32	1 55	1 30	18 31			n.a.
S 14	22 47	18 41	5 1	16 2	1 55	24 41	1 3	18 8	1 0	20 9	0 17	23 41	0 54	24 1	0 31	16 24	1 32	15 55	16 32	1 49	1 29	18 30			n.a.
S 15	22 55	17 48	4 54	16 26	1 46	24 47	1 5	17 54	0 59	20 12	0 17	23 40	0 54	24 1	0 31	16 24	1 32	15 55	16 33	1 44	1 28	18 30			n.a.
M16	23 2	16 10	4 33	16 51	1 37	24 51	1 7	17 40	0 58	20 15	0 17	23 39	0 54	24 1	0 31	16 25	1 32	15 55	16 33	1 40	1 27	18 30			n.a.
T 17	23 8	13 51	4 1	17 17	1 28	24 55	1 8	17 26	0 57	20 18	0 17	23 38	0 54	24 1	0 31	16 25	1 32	15 56	16 34	1 36	1 25	18 29			n.a.
W18	23 14	10 55	3 18	17 42	1 19	24 58	1 10	17 12	0 56	20 21	0 17	23 37	0 54	24 1	0 31	16 26	1 32	15 56	16 35	1 34	1 24	18 29			n.a.
T 19	23 19	7 29	2 25	18 8	1 10	25 0	1 11	16 58	0 55	20 24	0 16	23 37	0 54	24 2	0 31	16 26	1 32	15 56	16 35	1 33	1 23	18 29			n.a.
F 20	23 24	3 40	1 25	18 34	1 1	25 1	1 13	16 44	0 54	20 27	0 16	23 36	0 54	24 2	0 31	16 27	1 32	15 56	16 36	1 33	1 21	18 28			n.a.
S 21	23 29	0n25	0 18	18 59	0 53	25 2	1 14	16 30	0 53	20 30	0 16	23 35	0 54	24 2	0 31	16 28	1 32	15 56	16 36	1 33	1 20	18 28			n.a.
S 22	23 33	4 37	0s51	19 25	0 44	25 2	1 16	16 15	0 52	20 33	0 16	23 34	0 54	24 2	0 31	16 28	1 32	15 56	16 37	1 33	1 19	18 28			n.a.
M23	23 37	8 44	2 0	19 50	0 35	25 1	1 17	16 1	0 51	20 36	0 16	23 33	0 54	24 2	0 31	16 29	1 32	15 57	16 37	1 32	1 18	18 28			n.a.
T 24	23 40	12 31	3 4	20 15	0 27	24 59	1 18	15 46	0 50	20 38	0 16	23 32	0 54	24 3	0 31	16 29	1 32	15 57	16 38	1 30	1 16	18 27			n.a.
W25	23 42	15 39	3 58	20 39	0 19	24 56	1 19	15 31	0 49	20 41	0 16	23 31	0 54	24 3	0 31	16 30	1 32	15 57	16 38	1 27	1 15	18 27			n.a.
T 26	23 45	17 50	4 37	21 3	0 10	24 53	1 20	15 16	0 48	20 44	0 16	23 30	0 54	24 3	0 31	16 30	1 32	15 57	16 39	1 23	1 14	18 27			n.a.
F 27	23 46	18 47	4 58	21 26	0 2	24 49	1 22	15 1	0 47	20 47	0 16	23 30	0 54	24 3	0 31	16 31	1 32	15 58	16 39	1 19	1 13	18 26			n.a.
S 28	23 48	18 23	4 57	21 48	0s 5	24 44	1 23	14 46	0 47	20 49	0 16	23 29	0 54	24 3	0 31	16 31	1 32	15 58	16 40	1 14	1 11	18 26			n.a.
S 29	23 48	16 39	4 35	22 10	0 13	24 38	1 24	14 31	0 46	20 52	0 15	23 28	0 54	24 3	0 31	16 32	1 32	15 58	16 40	1 10	1 10	18 26			n.a.
M30	23 49	13 48	3 54	22 31	0 21	24 32	1 24	14 15	0 45	20 55	0 15	23 27	0 54	24 4	0 31	16 32	1 32	15 59	16 41	1 7	1 9	18 25			n.a.
T 31	23s48	10n10	2s59	22s51	0s28	24s25	1s25	14s 0	0s44	20s57	0n15	23s26	0s54	24n 4	0n31	16s33	1n32	15n59	16n42	1s 4	1s 7	18s25			n.a.

Julian Day Number = 1362716.5, Delta T = 06h57m32s
Ecliptic obliquity = 23°48'35, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°38'02, Lahiri = -17°31'02 Julian Calendar 1 Dec. 983 BCE == Greg. Calendar 22 Nov. 983 BCE

The year -982 astronomical counting style corresponds to year 983 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 982 BCE
geocentric

JANUARY 982 BCE (-981) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 2 31	1♉55'34	10♍16	12♐ 5	15♉48	25♒56	3♐52	18♉27	8°R15	20♏ 3	28♍ 9	2°R36	2♎44	8♉44	n.a.	W 1
T 2	6 6 28	2°56'21	23°52	13°32	17° 3	26°39	4° 5	18°34	8♋12	20° 5	28° 9	2♎35	2°41	8°51	n.a.	T 2
F 3	6 10 24	3°57'07	7♎ 1	15° 1	18°18	27°22	4°18	18°42	8°10	20° 6	28° 9	2°35	2°37	8°58	n.a.	F 3
S 4	6 14 21	4°57'51	19°49	16°30	19°33	28° 5	4°31	18°49	8° 7	20° 8	28°10	2°35	2°34	9° 4	n.a.	S 4
S 5	6 18 17	5°58'34	2♏19	18° 0	20°48	28°48	4°44	18°56	8° 4	20°10	28°10	2°33	2°31	9°11	n.a.	S 5
M 6	6 22 14	6°59'16	14°35	19°31	22° 3	29°30	4°57	19° 3	8° 2	20°12	28°10	2°28	2°28	9°18	n.a.	M 6
T 7	6 26 11	7°59'57	26°41	21° 3	23°17	0♓13	5°10	19°11	7°59	20°13	28°10	2°20	2°25	9°25	n.a.	T 7
W 8	6 30 7	9° 0'36	8♐40	22°36	24°32	0°56	5°23	19°18	7°57	20°15	28°10	2°10	2°22	9°31	n.a.	W 8
T 9	6 34 4	10° 1'13	20°35	24° 9	25°47	1°38	5°35	19°25	7°54	20°17	28°10	1°57	2°18	9°38	n.a.	T 9
F 10	6 38 0	11° 1'49	2♉28	25°44	27° 2	2°21	5°48	19°32	7°51	20°18	28°R10	1°42	2°15	9°45	n.a.	F 10
S 11	6 41 57	12° 2'24	14°20	27°19	28°16	3° 3	6° 1	19°40	7°49	20°20	28°10	1°27	2°12	9°51	n.a.	S 11
S 12	6 45 53	13° 2'56	26°12	28°56	29°31	3°46	6°13	19°47	7°46	20°21	28°10	1°13	2° 9	9°58	n.a.	S 12
M13	6 49 50	14° 3'27	8♒ 6	0♉33	0♒46	4°28	6°26	19°54	7°43	20°23	28°10	1° 1	2° 6	10° 5	n.a.	M13
T 14	6 53 46	15° 3'56	20° 4	2°11	2° 0	5°11	6°38	20° 2	7°41	20°24	28°10	0°52	2° 3	10°12	n.a.	T 14
W15	6 57 43	16° 4'23	2♓ 7	3°50	3°15	5°53	6°50	20° 9	7°38	20°26	28°10	0°45	1°59	10°18	n.a.	W15
T 16	7 1 40	17° 4'48	14°19	5°30	4°30	6°36	7° 3	20°16	7°36	20°27	28° 9	0°42	1°56	10°25	n.a.	T 16
F 17	7 5 36	18° 5'10	26°43	7°11	5°44	7°18	7°15	20°24	7°33	20°29	28° 9	0°D41	1°53	10°32	n.a.	F 17
S 18	7 9 33	19° 5'31	9♈24	8°53	6°59	8° 0	7°27	20°31	7°30	20°30	28° 9	0°41	1°50	10°39	n.a.	S 18
S 19	7 13 29	20° 5'49	22°26	10°35	8°13	8°43	7°39	20°39	7°28	20°31	28° 9	0°R41	1°47	10°45	n.a.	S 19
M20	7 17 26	21° 6'06	5♉53	12°19	9°28	9°25	7°51	20°46	7°25	20°33	28° 8	0°40	1°43	10°52	n.a.	M20
T 21	7 21 22	22° 6'20	19°48	14° 4	10°42	10° 7	8° 3	20°53	7°23	20°34	28° 8	0°37	1°40	10°59	n.a.	T 21
W22	7 25 19	23° 6'32	4♊11	15°50	11°57	10°49	8°15	21° 1	7°20	20°35	28° 7	0°32	1°37	11° 5	n.a.	W22
T 23	7 29 15	24° 6'41	19° 0	17°37	13°11	11°32	8°27	21° 8	7°18	20°37	28° 7	0°24	1°34	11°12	n.a.	T 23
F 24	7 33 12	25° 6'49	4♋ 8	19°25	14°25	12°14	8°38	21°15	7°15	20°38	28° 7	0°14	1°31	11°19	n.a.	F 24
S 25	7 37 9	26° 6'54	19°27	21°14	15°40	12°56	8°50	21°23	7°13	20°39	28° 6	0° 5	1°28	11°26	n.a.	S 25
S 26	7 41 5	27° 6'58	4♌44	23° 4	16°54	13°38	9° 1	21°30	7°10	20°40	28° 5	29♍55	1°24	11°32	n.a.	S 26
M27	7 45 2	28° 6'59	19°49	24°55	18° 8	14°20	9°13	21°37	7° 8	20°41	28° 5	29°48	1°21	11°39	n.a.	M27
T 28	7 48 58	29° 6'59	4♍33	26°47	19°23	15° 2	9°24	21°45	7° 6	20°43	28° 4	29°43	1°18	11°46	n.a.	T 28
W29	7 52 55	0♒ 6'56	18°49	28°40	20°37	15°44	9°36	21°52	7° 3	20°44	28° 4	29°40	1°15	11°52	n.a.	W29
T 30	7 56 51	1° 6'52	2♎36	0♒34	21°51	16°26	9°47	21°59	7° 1	20°45	28° 3	29°D40	1°12	11°59	n.a.	T 30
F 31	8 0 48	2♒ 6'46	15♎55	2♒29	23♒ 5	17♓ 7	9♐58	22♉ 7	6♋59	20♏46	28♍ 2	29♍41	1♎ 8	12♉ 6	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23s48	6n 4	1s55	23s10	0s35	24s17	1s26	13s44	0s43	21s 0	0n15	23s25	0s54	24n 4	0n31	16s33	1n32	15n59	16n42	1s 3	1s 6	18s25			n.a.
T 2	23 47	1 46	0 46	23 28	0 42	24 8	1 27	13 29	0 42	21 3	0 15	23 24	0 54	24 4	0 31	16 33	1 32	16 0	16 43	1 3	1 5	18 24			n.a.
F 3	23 45	2s28	0n23	23 45	0 49	23 59	1 27	13 13	0 41	21 5	0 15	23 23	0 55	24 4	0 31	16 34	1 32	16 0	16 43	1 3	1 4	18 24			n.a.
S 4	23 43	6 29	1 30	24 1	0 55	23 49	1 28	12 57	0 40	21 8	0 15	23 22	0 55	24 5	0 31	16 34	1 32	16 0	16 44	1 2	1 2	18 24			n.a.
S 5	23 40	10 7	2 30	24 16	1 1	23 38	1 29	12 41	0 39	21 10	0 15	23 21	0 55	24 5	0 31	16 35	1 32	16 1	16 44	1 2	1 1	18 23			n.a.
M 6	23 37	13 15	3 22	24 30	1 7	23 26	1 29	12 25	0 38	21 13	0 15	23 20	0 55	24 5	0 31	16 35	1 32	16 1	16 45	1 0	1 0	18 23			n.a.
T 7	23 34	15 45	4 4	24 43	1 13	23 14	1 30	12 9	0 37	21 15	0 15	23 19	0 55	24 5	0 31	16 36	1 32	16 2	16 45	0 57	0 58	18 23			n.a.
W 8	23 30	17 33	4 35	24 54	1 18	23 1	1 30	11 53	0 37	21 17	0 15	23 18	0 55	24 5	0 31	16 36	1 32	16 2	16 46	0 52	0 57	18 22			n.a.
T 9	23 25	18 35	4 54	25 4	1 24	22 47	1 30	11 37	0 36	21 20	0 15	23 17	0 55	24 5	0 31	16 36	1 32	16 3	16 46	0 47	0 56	18 22			n.a.
F 10	23 21	18 48	5 0	25 13	1 28	22 33	1 30	11 20	0 35	21 22	0 14	23 16	0 55	24 6	0 31	16 37	1 32	16 3	16 47	0 41	0 55	18 21			n.a.
S 11	23 15	18 11	4 52	25 20	1 33	22 18	1 30	11 4	0 34	21 24	0 14	23 15	0 55	24 6	0 31	16 37	1 32	16 4	16 47	0 35	0 53	18 21			n.a.
S 12	23 9	16 47	4 32	25 26	1 37	22 2	1 31	10 47	0 33	21 27	0 14	23 14	0 55	24 6	0 31	16 38	1 32	16 4	16 48	0 29	0 52	18 21			n.a.
M13	23 3	14 39	4 0	25 30	1 41	21 46	1 31	10 31	0 32	21 29	0 14	23 13	0 55	24 6	0 31	16 38	1 32	16 5	16 49	0 25	0 51	18 20			n.a.
T 14	22 57	11 54	3 17	25 33	1 45	21 29	1 31	10 14	0 31	21 31	0 14	23 12	0 55	24 6	0 31	16 38	1 32	16 5	16 49	0 21	0 49	18 20			n.a.
W15	22 49	8 38	2 25	25 34	1 48	21 12	1 30	9 58	0 30	21 33	0 14	23 11	0 55	24 6	0 31	16 39	1 32	16 6	16 50	0 18	0 48	18 20			n.a.
T 16	22 42	4 57	1 26	25 33	1 51	20 54	1 30	9 41	0 30	21 36	0 14	23 10	0 55	24 7	0 31	16 39	1 33	16 6	16 50	0 17	0 47	18 19			n.a.
F 17	22 34	1 0	0 21	25 31	1 54	20 35	1 30	9 24	0 29	21 38	0 14	23 9	0 55	24 7	0 31	16 40	1 33	16 7	16 51	0 16	0 46	18 19			n.a.
S 18	22 26	3n 5	0s46	25 27	1 56	20 15	1 30	9 7	0 28	21 40	0 14	23 8	0 55	24 7	0 31	16 40	1 33	16 7	16 51	0 16	0 44	18 18			n.a.
S 19	22 17	7 7	1 53	25 21	1 58	19 56	1 29	8 51	0 27	21 42	0 14	23 7	0 56	24 7	0 31	16 40	1 33	16 8	16 52	0 17	0 43	18 18			n.a.
M20	22 7	10 56	2 56	25 13	2 0	19 35	1 29	8 34	0 26	21 44	0 14	23 6	0 56	24 7	0 31	16 41	1 33	16 9	16 52	0 16	0 42	18 18			n.a.
T 21	21 58	14 16	3 50	25 3	2 1	19 14	1 28	8 17	0 25	21 46	0 13	23 4	0 56	24 7	0 31	16 41	1 33	16 9	16 53	0 15	0 40	18 17			n.a.
W22	21 48	16 51	4 32	24 52	2 1	18 52	1 28	8 0	0 24	21 48	0 13	23 3	0 56	24 7	0 31	16 41	1 33	16 10	16 53	0 13	0 39	18 17			n.a.
T 23	21 37	18 25	4 57	24 38	2 2	18 30	1 27	7 43	0 24	21 50	0 13	23 2	0 56	24 8	0 31	16 41	1 33	16 11	16 54	0 10	0 38	18 16			n.a.
F 24	21 26	18 43	5 2	24 23	2 1	18 8	1 26	7 26	0 23	21 52	0 13	23 1	0 56	24 8	0 31	16 42	1 33	16 11	16 54	0 6	0 37	18 16			n.a.
S 25	21 15	17 39	4 46	24 5	2 1	17 45	1 25	7 9	0 22	21 54	0 13	23 0	0 56	24 8	0 31	16 42	1 33	16 12	16 55	0 2	0 35	18 16			n.a.
S 26	21 4	15 20	4 9	23 46	1 59	17 21	1 25	6 51	0 21	21 56	0 13	22 59	0 56	24 8	0 31	16 42	1 33	16 13	16 55	0n 2	0 34	18 15			n.a.
M27	20 52	12 0	3 16	23 24	1 58	16 57	1 24	6 34	0 20	21 58	0 13	22 58	0 56	24 8	0 31	16 43	1 33	16 13	16 56	0 5	0 33	18 15			n.a.
T 28	20 39	7 59	2 10	23 1	1 55	16 33	1 23	6 17	0 20	22 0	0 13	22 57	0 56	24 8	0 31	16 43	1 33	16 14	16 56	0 7	0 31	18 14			n.a.
W29	20 26	3 36	0 58	22 35	1 53	16 8	1 22	6 0	0 19	22 1	0 13	22 56	0 56	24 8	0 31	16 43	1 33	16 15	16 57	0 8	0 30	18 14			n.a.
T 30	20 13	0s49	0n16	22 7	1 49	15 42	1 20	5 43	0 18	22 3	0 13	22 55	0 56	24 8	0 31	16 43	1 33	16 15	16 57	0 8	0 29	18 14			n.a.
F 31	20s 0	5s 2	1n26	21s37	1s45	15s17	1s19	5s25	0s17	22s 5	0n13	22s53	0s56	24n 9	0n31	16s44	1n33	16n16	16n58	0n 8	0s28	18s13			n.a.

Julian Day Number = 1362747.5, Delta T = 06h57m30s
Ecliptic obliquity = 23°48'35, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°37'58, Lahiri = -17°30'58 Julian Calendar 1 Jan. 982 BCE == Greg. Calendar 23 Dec. 983 BCE

The year -981 astronomical counting style corresponds to year 982 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 982 BCE
geocentric

FEBRUARY 982 BCE (-981) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 4 44	3♒ 6'38	28♎48	4♒25	24♒19	17♓49	10♐ 9	22♑14	6°R56	20♏47	28°R 2	29°R41	1♎ 5	12♑13	n.a.	S 1
S 2	8 8 41	4° 6'28	11♏20	6°21	25°33	18°31	10°20	22°21	6♋54	20°48	28♍ 1	29♍41	1° 2	12°19	n.a.	S 2
M 3	8 12 37	5° 6'16	23°35	8°19	26°47	19°13	10°30	22°29	6°52	20°49	28° 0	29°39	0°59	12°26	n.a.	M 3
T 4	8 16 34	6° 6'03	5♐39	10°17	28° 1	19°55	10°41	22°36	6°50	20°50	27°59	29°35	0°56	12°33	n.a.	T 4
W 5	8 20 31	7° 5'48	17°35	12°15	29°15	20°36	10°52	22°43	6°47	20°50	27°58	29°29	0°53	12°40	n.a.	W 5
T 6	8 24 27	8° 5'31	29°26	14°14	0♓29	21°18	11° 2	22°50	6°45	20°51	27°57	29°20	0°49	12°46	n.a.	T 6
F 7	8 28 24	9° 5'11	11♑17	16°13	1°43	21°59	11°13	22°57	6°43	20°52	27°56	29°10	0°46	12°53	n.a.	F 7
S 8	8 32 20	10° 4'50	23°10	18°11	2°57	22°41	11°23	23° 5	6°41	20°53	27°55	29° 1	0°43	13° 0	n.a.	S 8
S 9	8 36 17	11° 4'27	5♒ 5	20°10	4°11	23°23	11°33	23°12	6°39	20°54	27°54	28°51	0°40	13° 6	n.a.	S 9
M10	8 40 13	12° 4'01	17° 5	22° 7	5°25	24° 4	11°43	23°19	6°37	20°54	27°53	28°43	0°37	13°13	n.a.	M10
T 11	8 44 10	13° 3'34	29°12	24° 4	6°38	24°46	11°53	23°26	6°35	20°55	27°52	28°37	0°34	13°20	n.a.	T 11
W12	8 48 6	14° 3'04	11♓25	25°59	7°52	25°27	12° 3	23°33	6°33	20°56	27°51	28°33	0°30	13°27	n.a.	W12
T 13	8 52 3	15° 2'31	23°49	27°53	9° 6	26° 9	12°13	23°40	6°31	20°56	27°50	28°D32	0°27	13°33	n.a.	T 13
F 14	8 56 0	16° 1'57	6♈23	29°44	10°19	26°50	12°23	23°47	6°29	20°57	27°49	28°32	0°24	13°40	n.a.	F 14
S 15	8 59 56	17° 1'20	19°12	1♓33	11°33	27°31	12°32	23°54	6°28	20°57	27°48	28°33	0°21	13°47	n.a.	S 15
S 16	9 3 53	18° 0'40	2♉18	3°19	12°46	28°13	12°41	24° 1	6°26	20°58	27°47	28°35	0°18	13°53	n.a.	S 16
M17	9 7 49	18°59'58	15°43	5° 1	14° 0	28°54	12°51	24° 8	6°24	20°58	27°46	28°R35	0°14	14° 0	n.a.	M17
T 18	9 11 46	19°59'14	29°30	6°39	15°13	29°35	13° 0	24°15	6°22	20°59	27°44	28°35	0°11	14° 7	n.a.	T 18
W19	9 15 42	20°58'27	13♊40	8°13	16°27	0♈16	13° 9	24°22	6°21	20°59	27°43	28°33	0° 8	14°14	n.a.	W19
T 20	9 19 39	21°57'38	28°10	9°42	17°40	0°57	13°18	24°29	6°19	21° 0	27°42	28°30	0° 5	14°20	n.a.	T 20
F 21	9 23 35	22°56'46	12♋58	11° 7	18°53	1°39	13°27	24°35	6°18	21° 0	27°41	28°25	0° 2	14°27	n.a.	F 21
S 22	9 27 32	23°55'52	27°57	12°25	20° 7	2°20	13°35	24°42	6°16	21° 0	27°39	28°20	29♍59	14°34	n.a.	S 22
S 23	9 31 28	24°54'56	12♌57	13°38	21°20	3° 1	13°44	24°49	6°15	21° 1	27°38	28°15	29°55	14°41	n.a.	S 23
M24	9 35 25	25°53'57	27°51	14°45	22°33	3°42	13°52	24°56	6°13	21° 1	27°37	28°11	29°52	14°47	n.a.	M24
T 25	9 39 22	26°52'56	12♍30	15°46	23°46	4°23	14° 1	25° 2	6°12	21° 1	27°35	28° 9	29°49	14°54	n.a.	T 25
W26	9 43 18	27°51'53	26°47	16°41	24°59	5° 4	14° 9	25° 9	6°10	21° 1	27°34	28°D 8	29°46	15° 1	n.a.	W26
T 27	9 47 15	28°50'48	10♎39	17°29	26°12	5°45	14°17	25°15	6° 9	21° 1	27°33	28° 8	29°43	15° 7	n.a.	T 27
F 28	9 51 11	29♒49'41	24♎ 4	18♓10	27♓25	6♈25	14♐25	25♑22	6♋ 8	21♏ 1	27♍31	28♍10	29♍40	15♑14	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s46	8s53	2n29	21s 5	1s41	14s50	1s18	5s 8	0s16	22s 7	0n13	22s52	0s57	24n 9	0n31	16s44	1n33	16n17	16n58	0n 8	0s26	18s13		n.a.
S 2	19 32	12 14	3 24	20 31	1 36	14 24	1 17	4 51	0 16	22 8	0 12	22 51	0 57	24 9	0 31	16 44	1 33	16 17	16 58	0 8	0 25	18 12		n.a.
M 3	19 17	14 58	4 8	19 55	1 30	13 57	1 15	4 34	0 15	22 10	0 12	22 50	0 57	24 9	0 31	16 44	1 33	16 18	16 59	0 8	0 24	18 12		n.a.
T 4	19 2	16 59	4 40	19 17	1 24	13 30	1 14	4 16	0 14	22 12	0 12	22 49	0 57	24 9	0 31	16 44	1 33	16 19	16 59	0 10	0 23	18 11		n.a.
W 5	18 47	18 15	4 59	18 37	1 17	13 2	1 12	3 59	0 13	22 13	0 12	22 48	0 57	24 9	0 31	16 45	1 33	16 20	17 0	0 13	0 21	18 11		n.a.
T 6	18 31	18 43	5 6	17 55	1 9	12 34	1 11	3 41	0 12	22 15	0 12	22 47	0 57	24 9	0 31	16 45	1 33	16 20	17 0	0 16	0 20	18 10		n.a.
F 7	18 16	18 21	4 59	17 11	1 1	12 6	1 9	3 24	0 12	22 16	0 12	22 46	0 57	24 9	0 31	16 45	1 33	16 21	17 1	0 20	0 19	18 10		n.a.
S 8	18 0	17 12	4 40	16 26	0 52	11 37	1 7	3 7	0 11	22 18	0 12	22 44	0 57	24 9	0 31	16 45	1 33	16 22	17 1	0 24	0 17	18 10		n.a.
S 9	17 43	15 17	4 8	15 40	0 43	11 9	1 6	2 49	0 10	22 19	0 12	22 43	0 57	24 10	0 31	16 45	1 33	16 23	17 2	0 28	0 16	18 9		n.a.
M10	17 26	12 42	3 25	14 52	0 33	10 39	1 4	2 32	0 9	22 21	0 12	22 42	0 57	24 10	0 31	16 45	1 34	16 23	17 2	0 31	0 15	18 9		n.a.
T 11	17 9	9 34	2 32	14 3	0 22	10 10	1 2	2 15	0 9	22 22	0 12	22 41	0 57	24 10	0 31	16 46	1 34	16 24	17 2	0 33	0 14	18 8		n.a.
W12	16 52	5 59	1 31	13 13	0 11	9 40	1 0	1 57	0 8	22 24	0 12	22 40	0 58	24 10	0 31	16 46	1 34	16 25	17 3	0 35	0 12	18 8		n.a.
T 13	16 34	2 6	0 26	12 23	0n 1	9 10	0 58	1 40	0 7	22 25	0 11	22 39	0 58	24 10	0 31	16 46	1 34	16 26	17 3	0 36	0 11	18 7		n.a.
F 14	16 17	1n56	0s43	11 33	0 13	8 40	0 56	1 23	0 6	22 26	0 11	22 38	0 58	24 10	0 31	16 46	1 34	16 27	17 3	0 36	0 10	18 7		n.a.
S 15	15 58	5 56	1 50	10 42	0 25	8 10	0 54	1 5	0 6	22 28	0 11	22 37	0 58	24 10	0 31	16 46	1 34	16 27	17 4	0 35	0 8	18 6		n.a.
S 16	15 40	9 45	2 53	9 52	0 38	7 39	0 52	0 48	0 5	22 29	0 11	22 35	0 58	24 10	0 31	16 46	1 34	16 28	17 4	0 34	0 7	18 6		n.a.
M17	15 21	13 10	3 48	9 2	0 50	7 9	0 49	0 31	0 4	22 30	0 11	22 34	0 58	24 10	0 31	16 46	1 34	16 29	17 5	0 34	0 6	18 5		n.a.
T 18	15 3	15 56	4 32	8 14	1 3	6 38	0 47	0 13	0 4	22 32	0 11	22 33	0 58	24 10	0 31	16 46	1 34	16 30	17 5	0 34	0 5	18 5		n.a.
W19	14 44	17 49	5 1	7 26	1 16	6 7	0 45	0n 4	0 3	22 33	0 11	22 32	0 58	24 10	0 31	16 46	1 34	16 31	17 5	0 35	0 3	18 4		n.a.
T 20	14 24	18 37	5 11	6 41	1 29	5 36	0 42	0 21	0 2	22 34	0 11	22 31	0 58	24 10	0 31	16 46	1 34	16 31	17 6	0 36	0 2	18 4		n.a.
F 21	14 5	18 10	5 1	5 57	1 42	5 4	0 40	0 39	0 1	22 35	0 11	22 30	0 59	24 11	0 31	16 46	1 34	16 32	17 6	0 38	0 1	18 3		n.a.
S 22	13 45	16 28	4 31	5 15	1 54	4 33	0 38	0 56	0 1	22 37	0 11	22 29	0 59	24 11	0 31	16 46	1 34	16 33	17 6	0 40	0n 1	18 3		n.a.
S 23	13 25	13 39	3 42	4 36	2 6	4 1	0 35	1 13	0n 0	22 38	0 11	22 28	0 59	24 11	0 31	16 47	1 34	16 34	17 6	0 42	0 2	18 2		n.a.
M24	13 5	9 56	2 38	3 59	2 18	3 30	0 33	1 30	0 1	22 39	0 10	22 26	0 59	24 11	0 31	16 47	1 34	16 35	17 7	0 44	0 3	18 2		n.a.
T 25	12 45	5 40	1 24	3 25	2 29	2 58	0 30	1 47	0 1	22 40	0 10	22 25	0 59	24 11	0 31	16 47	1 34	16 35	17 7	0 45	0 4	18 1		n.a.
W26	12 24	1 11	0 7	2 54	2 39	2 26	0 27	2 4	0 2	22 41	0 10	22 24	0 59	24 11	0 31	16 47	1 34	16 36	17 7	0 45	0 6	18 1		n.a.
T 27	12 3	3s14	1n 8	2 26	2 49	1 55	0 25	2 21	0 3	22 42	0 10	22 23	0 59	24 11	0 31	16 47	1 34	16 37	17 8	0 45	0 7	18 0		n.a.
F 28	11s42	7s21	2n17	2s 2	2n58	1s23	0s22	2n38	0n 3	22s43	0n10	22s22	0s59	24n11	0n31	16s47	1n34	16n38	17n 8	0n45	0n 8	18s 0		n.a.

Julian Day Number = 1362778.5, Delta T = 06h57m29s
Ecliptic obliquity = 23°48'35, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°37'54, Lahiri = -17°30'54 Julian Calendar 1 Feb. 982 BCE == Greg. Calendar 23 Jan. 982 BCE

The year -981 astronomical counting style corresponds to year 982 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 982 BCE
geocentric

MARCH 982 BCE (-981) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 55 8	0♓48'32	7♏ 4	18♓44	28♓38	7♈ 6	14♐33	25♑29	6°R 7	21♏ 2	27°R30	28♍11	29♍36	15♑21	n.a.	S 1
S 2	9 59 4	1°47'21	19°42	19°12	29°51	7°47	14°40	25°35	6♋ 5	21° 2	27♍28	28°13	29°33	15°28	n.a.	S 2
M 3	10 3 1	2°46'08	2♐ 1	19°32	1♈ 4	8°28	14°48	25°41	6° 4	21°R 2	27°27	28°R13	29°30	15°34	n.a.	M 3
T 4	10 6 57	3°44'54	14° 7	19°46	2°16	9° 9	14°55	25°48	6° 3	21° 2	27°25	28°13	29°27	15°41	n.a.	T 4
W 5	10 10 54	4°43'38	26° 4	19°53	3°29	9°49	15° 2	25°54	6° 2	21° 2	27°24	28°11	29°24	15°48	n.a.	W 5
T 6	10 14 50	5°42'20	7♑56	19°R54	4°42	10°30	15° 9	26° 0	6° 1	21° 1	27°22	28° 9	29°20	15°54	n.a.	T 6
F 7	10 18 47	6°41'00	19°47	19°48	5°54	11°11	15°16	26° 7	6° 0	21° 1	27°21	28° 6	29°17	16° 1	n.a.	F 7
S 8	10 22 44	7°39'38	1♒42	19°36	7° 7	11°51	15°23	26°13	6° 0	21° 1	27°19	28° 2	29°14	16° 8	n.a.	S 8
S 9	10 26 40	8°38'14	13°42	19°19	8°19	12°32	15°29	26°19	5°59	21° 1	27°18	27°59	29°11	16°15	n.a.	S 9
M10	10 30 37	9°36'48	25°50	18°56	9°32	13°12	15°36	26°25	5°58	21° 1	27°16	27°56	29° 8	16°21	n.a.	M10
T 11	10 34 33	10°35'20	8♓ 8	18°29	10°44	13°53	15°42	26°31	5°57	21° 1	27°14	27°54	29° 5	16°28	n.a.	T 11
W12	10 38 30	11°33'50	20°36	17°57	11°57	14°33	15°48	26°37	5°57	21° 0	27°13	27°53	29° 1	16°35	n.a.	W12
T 13	10 42 26	12°32'18	3♈17	17°22	13° 9	15°14	15°54	26°43	5°56	21° 0	27°11	27°D53	28°58	16°41	n.a.	T 13
F 14	10 46 23	13°30'44	16°11	16°44	14°21	15°54	16° 0	26°49	5°56	21° 0	27° 9	27°54	28°55	16°48	n.a.	F 14
S 15	10 50 19	14°29'08	29°18	16° 4	15°33	16°34	16° 6	26°54	5°55	20°59	27° 8	27°55	28°52	16°55	n.a.	S 15
S 16	10 54 16	15°27'30	12♉39	15°22	16°45	17°15	16°11	27° 0	5°55	20°59	27° 6	27°56	28°49	17° 2	n.a.	S 16
M17	10 58 12	16°25'49	26°14	14°40	17°57	17°55	16°17	27° 6	5°54	20°58	27° 5	27°57	28°45	17° 8	n.a.	M17
T 18	11 2 9	17°24'07	10♊ 4	13°58	19° 9	18°35	16°22	27°11	5°54	20°58	27° 3	27°57	28°42	17°15	n.a.	T 18
W19	11 6 6	18°22'22	24° 9	13°17	20°21	19°16	16°27	27°17	5°54	20°57	27° 1	27°R58	28°39	17°22	n.a.	W19
T 20	11 10 2	19°20'35	8♋25	12°38	21°33	19°56	16°32	27°22	5°53	20°57	27° 0	27°57	28°36	17°28	n.a.	T 20
F 21	11 13 59	20°18'45	22°52	12° 1	22°45	20°36	16°36	27°28	5°53	20°56	26°58	27°56	28°33	17°35	n.a.	F 21
S 22	11 17 55	21°16'54	7♌25	11°27	23°56	21°16	16°41	27°33	5°53	20°56	26°56	27°56	28°30	17°42	n.a.	S 22
S 23	11 21 52	22°15'00	21°59	10°56	25° 8	21°56	16°45	27°38	5°53	20°55	26°55	27°55	28°26	17°49	n.a.	S 23
M24	11 25 48	23°13'05	6♍28	10°29	26°19	22°36	16°49	27°44	5°D53	20°55	26°53	27°55	28°23	17°55	n.a.	M24
T 25	11 29 45	24°11'07	20°47	10° 7	27°31	23°16	16°53	27°49	5°53	20°54	26°51	27°54	28°20	18° 2	n.a.	T 25
W26	11 33 41	25° 9'08	4♎50	9°48	28°42	23°56	16°57	27°54	5°53	20°53	26°49	27°D54	28°17	18° 9	n.a.	W26
T 27	11 37 38	26° 7'07	18°34	9°34	29°53	24°36	17° 1	27°59	5°53	20°52	26°48	27°54	28°14	18°15	n.a.	T 27
F 28	11 41 35	27° 5'04	1♏57	9°25	1♉ 5	25°16	17° 4	28° 4	5°53	20°52	26°46	27°55	28°11	18°22	n.a.	F 28
S 29	11 45 31	28° 3'00	14°58	9°D21	2°16	25°56	17° 8	28° 9	5°54	20°51	26°44	27°R55	28° 7	18°29	n.a.	S 29
S 30	11 49 28	29° 0'54	27°39	9°22	3°27	26°36	17°11	28°14	5°54	20°50	26°43	27°55	28° 4	18°36	n.a.	S 30
M31	11 53 24	29♓58'47	10♐ 2	9♓27	4♉38	27♈16	17♐14	28♑18	5♋54	20♏49	26♍41	27♍54	28♍ 1	18♑42	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s21	10s59	3n17	1s41	3n 5	0s51	0s19	2n55	0n 4	22s44	0n10	22s21	1s 0	24n11	0n31	16s47	1n34	16n39	17n 8	0n44	0n10	17s59		n.a.
S 2	11 0	13 59	4 6	1 24	3 12	0 19	0 17	3 12	0 5	22 45	0 10	22 20	1 0	24 11	0 31	16 46	1 34	16 39	17 8	0 43	0 11	17 59		n.a.
M 3	10 39	16 17	4 42	1 11	3 18	0n13	0 14	3 29	0 5	22 46	0 10	22 19	1 0	24 11	0 31	16 46	1 34	16 40	17 9	0 43	0 12	17 58		n.a.
T 4	10 17	17 48	5 5	1 1	3 22	0 45	0 11	3 46	0 6	22 47	0 10	22 18	1 0	24 11	0 31	16 46	1 35	16 41	17 9	0 43	0 13	17 58		n.a.
W 5	9 55	18 31	5 14	0 55	3 26	1 17	0 8	4 3	0 7	22 48	0 10	22 17	1 0	24 11	0 31	16 46	1 35	16 42	17 9	0 44	0 15	17 57		n.a.
T 6	9 34	18 25	5 10	0 53	3 27	1 49	0 5	4 20	0 7	22 49	0 9	22 16	1 0	24 11	0 31	16 46	1 35	16 43	17 9	0 45	0 16	17 57		n.a.
F 7	9 12	17 30	4 52	0 55	3 28	2 21	0 2	4 37	0 8	22 50	0 9	22 14	1 0	24 11	0 31	16 46	1 35	16 43	17 9	0 46	0 17	17 56		n.a.
S 8	8 50	15 50	4 22	1 1	3 27	2 53	0n 1	4 53	0 9	22 50	0 9	22 13	1 0	24 11	0 31	16 46	1 35	16 44	17 10	0 48	0 19	17 56		n.a.
S 9	8 27	13 28	3 40	1 10	3 24	3 24	0 4	5 10	0 9	22 51	0 9	22 12	1 1	24 11	0 31	16 46	1 35	16 45	17 10	0 49	0 20	17 55		n.a.
M10	8 5	10 29	2 48	1 23	3 20	3 56	0 7	5 27	0 10	22 52	0 9	22 11	1 1	24 11	0 31	16 46	1 35	16 46	17 10	0 50	0 21	17 55		n.a.
T 11	7 43	7 0	1 47	1 39	3 15	4 28	0 10	5 43	0 11	22 53	0 9	22 10	1 1	24 11	0 31	16 46	1 35	16 47	17 10	0 51	0 22	17 54		n.a.
W12	7 20	3 10	0 40	1 58	3 7	4 59	0 13	6 0	0 11	22 54	0 9	22 9	1 1	24 11	0 31	16 46	1 35	16 47	17 10	0 51	0 24	17 54		n.a.
T 13	6 57	0n52	0s30	2 20	2 59	5 30	0 16	6 16	0 12	22 54	0 9	22 8	1 1	24 11	0 31	16 46	1 35	16 48	17 10	0 51	0 25	17 53		n.a.
F 14	6 35	4 56	1 39	2 44	2 49	6 2	0 19	6 33	0 13	22 55	0 9	22 7	1 1	24 11	0 31	16 45	1 35	16 49	17 11	0 51	0 26	17 53		n.a.
S 15	6 12	8 49	2 45	3 10	2 38	6 33	0 22	6 49	0 13	22 56	0 9	22 6	1 1	24 11	0 31	16 45	1 35	16 50	17 11	0 50	0 28	17 52		n.a.
S 16	5 49	12 20	3 43	3 38	2 25	7 4	0 25	7 5	0 14	22 56	0 8	22 5	1 2	24 11	0 31	16 45	1 35	16 50	17 11	0 50	0 29	17 51		n.a.
M17	5 26	15 15	4 30	4 7	2 11	7 35	0 28	7 21	0 14	22 57	0 8	22 4	1 2	24 11	0 31	16 45	1 35	16 51	17 11	0 50	0 30	17 51		n.a.
T 18	5 3	17 20	5 2	4 36	1 57	8 5	0 31	7 38	0 15	22 58	0 8	22 3	1 2	24 11	0 31	16 45	1 35	16 52	17 11	0 49	0 31	17 50		n.a.
W19	4 40	18 25	5 16	5 6	1 42	8 36	0 34	7 54	0 16	22 58	0 8	22 2	1 2	24 11	0 31	16 45	1 35	16 53	17 11	0 49	0 33	17 50		n.a.
T 20	4 17	18 21	5 12	5 36	1 26	9 6	0 37	8 10	0 16	22 59	0 8	22 1	1 2	24 11	0 31	16 45	1 35	16 53	17 11	0 50	0 34	17 49		n.a.
F 21	3 54	17 7	4 47	6 5	1 10	9 36	0 40	8 26	0 17	23 0	0 8	22 1	1 2	24 11	0 31	16 44	1 35	16 54	17 11	0 50	0 35	17 49		n.a.
S 22	3 30	14 45	4 5	6 33	0 53	10 6	0 43	8 41	0 17	23 0	0 8	22 0	1 3	24 11	0 31	16 44	1 35	16 55	17 11	0 50	0 36	17 48		n.a.
S 23	3 7	11 28	3 6	7 0	0 37	10 35	0 46	8 57	0 18	23 1	0 8	21 59	1 3	24 11	0 31	16 44	1 35	16 55	17 11	0 50	0 38	17 47		n.a.
M24	2 44	7 29	1 56	7 26	0 21	11 5	0 49	9 13	0 19	23 1	0 8	21 58	1 3	24 11	0 31	16 44	1 35	16 56	17 11	0 51	0 39	17 47		n.a.
T 25	2 21	3 6	0 39	7 50	0 4	11 34	0 52	9 28	0 19	23 2	0 7	21 57	1 3	24 11	0 31	16 44	1 35	16 57	17 11	0 51	0 40	17 46		n.a.
W26	1 57	1s22	0n38	8 11	0s12	12 2	0 55	9 44	0 20	23 2	0 7	21 56	1 3	24 11	0 31	16 43	1 35	16 58	17 11	0 51	0 42	17 46		n.a.
T 27	1 34	5 40	1 52	8 31	0 27	12 31	0 58	9 59	0 20	23 3	0 7	21 55	1 3	24 11	0 31	16 43	1 35	16 58	17 11	0 51	0 43	17 45		n.a.
F 28	1 11	9 33	2 58	8 48	0 42	12 59	1 1	10 15	0 21	23 3	0 7	21 54	1 3	24 11	0 31	16 43	1 35	16 59	17 11	0 51	0 44	17 45		n.a.
S 29	0 47	12 52	3 52	9 3	0 56	13 27	1 4	10 30	0 21	23 4	0 7	21 53	1 4	24 11	0 30	16 43	1 36	17 0	17 11	0 51	0 45	17 44		n.a.
S 30	0 24	15 29	4 34	9 15	1 10	13 55	1 7	10 45	0 22	23 4	0 7	21 53	1 4	24 11	0 30	16 42	1 36	17 0	17 11	0 51	0 47	17 43		n.a.
M31	0s 0	17s19	5n 2	9s25	1s23	14n22	1n10	11n 1	0n23	23s 4	0n 7	21s52	1s 4	24n11	0n30	16s42	1n36	17n 1	17n11	0n51	0n48	17s43		n.a.

Julian Day Number = 1362806.5, Delta T = 06h57m27s
Ecliptic obliquity = 23°48'36, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°37'50, Lahiri = -17°30'50 Julian Calendar 1 March 982 BCE == Greg. Calendar 20 Feb. 982 BCE

The year -981 astronomical counting style corresponds to year 982 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 982 BCE
geocentric

APRIL 982 BCE (-981) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 57 21	0♈56'38	22♐10	9♓37	5♉49	27♈56	17♐17	28♉23	5♋55	20°R48	26°R39	27°R54	27♍58	18♉49	n.a.	T 1
W 2	12 1 17	1°54'28	4♉ 9	9°51	7° 0	28°36	17°19	28°28	5°55	20♏47	26♍38	27°D54	27°55	18°56	n.a.	W 2
T 3	12 5 14	2°52'17	16° 3	10°11	8°10	29°15	17°21	28°32	5°56	20°47	26°36	27♍54	27°51	19° 2	n.a.	T 3
F 4	12 9 10	3°50'04	27°55	10°34	9°21	29°55	17°24	28°37	5°56	20°46	26°34	27°55	27°48	19° 9	n.a.	F 4
S 5	12 13 7	4°47'50	9♒51	11° 2	10°32	0♉35	17°26	28°41	5°57	20°45	26°33	27°55	27°45	19°16	n.a.	S 5
S 6	12 17 3	5°45'35	21°55	11°34	11°42	1°15	17°28	28°45	5°58	20°44	26°31	27°56	27°42	19°23	n.a.	S 6
M 7	12 21 0	6°43'18	4♓10	12°10	12°53	1°54	17°29	28°49	5°58	20°43	26°29	27°57	27°39	19°29	n.a.	M 7
T 8	12 24 57	7°41'00	16°39	12°50	14° 3	2°34	17°31	28°54	5°59	20°42	26°28	27°58	27°36	19°36	n.a.	T 8
W 9	12 28 53	8°38'41	29°23	13°34	15°13	3°14	17°32	28°58	6° 0	20°40	26°26	27°R58	27°32	19°43	n.a.	W 9
T 10	12 32 50	9°36'20	12♈23	14°21	16°23	3°53	17°33	29° 2	6° 1	20°39	26°24	27°57	27°29	19°49	n.a.	T 10
F 11	12 36 46	10°33'57	25°40	15°11	17°34	4°33	17°34	29° 6	6° 2	20°38	26°23	27°56	27°26	19°56	n.a.	F 11
S 12	12 40 43	11°31'34	9♉12	16° 6	18°44	5°12	17°35	29° 9	6° 3	20°37	26°21	27°55	27°23	20° 3	n.a.	S 12
S 13	12 44 39	12°29'09	22°58	17° 3	19°53	5°52	17°35	29°13	6° 4	20°36	26°19	27°53	27°20	20°10	n.a.	S 13
M14	12 48 36	13°26'42	6♊54	18° 3	21° 3	6°31	17°35	29°17	6° 5	20°35	26°18	27°51	27°16	20°16	n.a.	M14
T 15	12 52 32	14°24'14	20°58	19° 7	22°13	7°11	17°R36	29°20	6° 6	20°34	26°16	27°50	27°13	20°23	n.a.	T 15
W16	12 56 29	15°21'44	5♋ 8	20°13	23°23	7°50	17°36	29°24	6° 7	20°32	26°15	27°49	27°10	20°30	n.a.	W16
T 17	13 0 26	16°19'13	19°21	21°23	24°32	8°30	17°35	29°27	6° 9	20°31	26°13	27°D48	27° 7	20°36	n.a.	T 17
F 18	13 4 22	17°16'40	3♌35	22°35	25°42	9° 9	17°35	29°30	6°10	20°30	26°12	27°49	27° 4	20°43	n.a.	F 18
S 19	13 8 19	18°14'06	17°47	23°50	26°51	9°48	17°34	29°34	6°11	20°29	26°10	27°50	27° 1	20°50	n.a.	S 19
S 20	13 12 15	19°11'30	1♍55	25° 8	28° 0	10°28	17°34	29°37	6°13	20°27	26° 9	27°51	26°57	20°57	n.a.	S 20
M21	13 16 12	20° 8'53	15°56	26°28	29° 9	11° 7	17°33	29°40	6°14	20°26	26° 7	27°53	26°54	21° 3	n.a.	M21
T 22	13 20 8	21° 6'14	29°48	27°51	0♊18	11°46	17°31	29°43	6°16	20°25	26° 6	27°R53	26°51	21°10	n.a.	T 22
W23	13 24 5	22° 3'34	13♎29	29°17	1°27	12°25	17°30	29°46	6°17	20°23	26° 4	27°52	26°48	21°17	n.a.	W23
T 24	13 28 1	23° 0'53	26°55	0♈45	2°36	13° 5	17°28	29°48	6°19	20°22	26° 3	27°50	26°45	21°23	n.a.	T 24
F 25	13 31 58	23°58'12	10♏ 5	2°16	3°44	13°44	17°27	29°51	6°20	20°20	26° 1	27°47	26°42	21°30	n.a.	F 25
S 26	13 35 55	24°55'29	22°58	3°49	4°53	14°23	17°25	29°54	6°22	20°19	26° 0	27°43	26°38	21°37	n.a.	S 26
S 27	13 39 51	25°52'46	5♐35	5°25	6° 1	15° 2	17°23	29°56	6°24	20°18	25°58	27°39	26°35	21°44	n.a.	S 27
M28	13 43 48	26°50'02	17°57	7° 3	7° 9	15°41	17°20	29°58	6°26	20°16	25°57	27°34	26°32	21°50	n.a.	M28
T 29	13 47 44	27°47'17	0♑ 5	8°44	8°18	16°20	17°18	0♒ 1	6°27	20°15	25°56	27°31	26°29	21°57	n.a.	T 29
W30	13 51 41	28♈44'32	12♑ 4	10♈28	9♊26	16♉59	17♐15	0♒ 3	6♋29	20♏13	25♍54	27♍28	26♍26	22♑ 4	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n23	18s19	5n16	9s33	1s35	14n49	1n13	11n16	0n23	23s 5	0n 7	21s51	1s 4	24n11	0n30	16s42	1n36	17n 1	17n11	0n51	0n49	17s42		n.a.
W 2	0 46	18 29	5 15	9 37	1 46	15 15	1 16	11 31	0 24	23 5	0 7	21 50	1 4	24 11	0 30	16 42	1 36	17 2	17 11	0 51	0 51	17 42		n.a.
T 3	1 10	17 50	5 1	9 40	1 57	15 42	1 19	11 45	0 24	23 6	0 6	21 49	1 4	24 11	0 30	16 41	1 36	17 3	17 11	0 51	0 52	17 41		n.a.
F 4	1 33	16 25	4 35	9 40	2 6	16 7	1 22	12 0	0 25	23 6	0 6	21 49	1 5	24 11	0 30	16 41	1 36	17 3	17 11	0 51	0 53	17 40		n.a.
S 5	1 56	14 16	3 56	9 37	2 15	16 33	1 25	12 15	0 25	23 6	0 6	21 48	1 5	24 11	0 30	16 41	1 36	17 4	17 11	0 50	0 54	17 40		n.a.
S 6	2 19	11 29	3 7	9 32	2 23	16 58	1 28	12 29	0 26	23 6	0 6	21 47	1 5	24 11	0 30	16 40	1 36	17 4	17 10	0 50	0 56	17 39		n.a.
M 7	2 43	8 9	2 8	9 25	2 31	17 22	1 30	12 44	0 26	23 7	0 6	21 47	1 5	24 11	0 30	16 40	1 36	17 5	17 10	0 50	0 57	17 38		n.a.
T 8	3 6	4 24	1 2	9 15	2 37	17 47	1 33	12 58	0 27	23 7	0 6	21 46	1 5	24 11	0 30	16 40	1 36	17 5	17 10	0 49	0 58	17 38		n.a.
W 9	3 29	0 22	0s 8	9 4	2 43	18 10	1 36	13 13	0 27	23 7	0 6	21 45	1 6	24 11	0 30	16 39	1 36	17 6	17 10	0 49	1 0	17 37		n.a.
T 10	3 52	3n46	1 19	8 50	2 48	18 34	1 38	13 27	0 28	23 7	0 6	21 44	1 6	24 10	0 30	16 39	1 36	17 7	17 10	0 50	1 1	17 37		n.a.
F 11	4 15	7 47	2 27	8 33	2 52	18 57	1 41	13 41	0 28	23 8	0 5	21 44	1 6	24 10	0 30	16 39	1 36	17 7	17 10	0 50	1 2	17 36		n.a.
S 12	4 38	11 29	3 29	8 15	2 55	19 19	1 43	13 55	0 29	23 8	0 5	21 43	1 6	24 10	0 30	16 38	1 36	17 8	17 10	0 50	1 3	17 35		n.a.
S 13	5 0	14 37	4 19	7 55	2 58	19 41	1 46	14 9	0 29	23 8	0 5	21 43	1 6	24 10	0 30	16 38	1 36	17 8	17 9	0 51	1 5	17 35		n.a.
M14	5 23	16 57	4 55	7 33	3 0	20 2	1 48	14 22	0 30	23 8	0 5	21 42	1 6	24 10	0 30	16 38	1 36	17 8	17 9	0 52	1 6	17 34		n.a.
T 15	5 46	18 17	5 13	7 8	3 1	20 23	1 51	14 36	0 31	23 8	0 5	21 41	1 7	24 10	0 30	16 37	1 36	17 9	17 9	0 53	1 7	17 33		n.a.
W16	6 8	18 30	5 13	6 42	3 1	20 43	1 53	14 50	0 31	23 9	0 5	21 41	1 7	24 10	0 30	16 37	1 36	17 9	17 9	0 53	1 9	17 33		n.a.
T 17	6 31	17 33	4 54	6 14	3 1	21 3	1 55	15 3	0 32	23 9	0 5	21 40	1 7	24 10	0 30	16 37	1 36	17 10	17 9	0 53	1 10	17 32		n.a.
F 18	6 53	15 30	4 16	5 44	3 0	21 23	1 57	15 16	0 32	23 9	0 5	21 40	1 7	24 10	0 30	16 36	1 36	17 10	17 8	0 53	1 11	17 31		n.a.
S 19	7 15	12 31	3 23	5 12	2 58	21 41	1 59	15 29	0 33	23 9	0 4	21 39	1 7	24 10	0 30	16 36	1 36	17 11	17 8	0 52	1 12	17 31		n.a.
S 20	7 38	8 48	2 18	4 39	2 56	22 0	2 2	15 42	0 33	23 9	0 4	21 39	1 8	24 10	0 30	16 36	1 36	17 11	17 8	0 52	1 14	17 30		n.a.
M21	8 0	4 38	1 5	4 4	2 53	22 17	2 4	15 55	0 33	23 9	0 4	21 38	1 8	24 10	0 30	16 35	1 36	17 11	17 8	0 51	1 15	17 30		n.a.
T 22	8 21	0 14	0n11	3 27	2 50	22 34	2 5	16 8	0 34	23 9	0 4	21 38	1 8	24 10	0 30	16 35	1 36	17 12	17 7	0 51	1 16	17 29		n.a.
W23	8 43	4s 6	1 25	2 49	2 46	22 51	2 7	16 21	0 34	23 9	0 4	21 37	1 8	24 9	0 30	16 35	1 36	17 12	17 7	0 52	1 18	17 28		n.a.
T 24	9 5	8 9	2 33	2 9	2 41	23 7	2 9	16 34	0 35	23 9	0 4	21 37	1 8	24 9	0 30	16 34	1 36	17 12	17 7	0 52	1 19	17 28		n.a.
F 25	9 26	11 44	3 31	1 27	2 35	23 22	2 11	16 46	0 35	23 9	0 4	21 37	1 9	24 9	0 30	16 34	1 36	17 13	17 6	0 54	1 20	17 27		n.a.
S 26	9 48	14 39	4 17	0 44	2 29	23 37	2 12	16 58	0 36	23 9	0 3	21 36	1 9	24 9	0 30	16 33	1 36	17 13	17 6	0 55	1 21	17 26		n.a.
S 27	10 9	16 49	4 50	0n 0	2 23	23 51	2 14	17 10	0 36	23 9	0 3	21 36	1 9	24 9	0 30	16 33	1 36	17 13	17 6	0 57	1 23	17 25		n.a.
M28	10 30	18 8	5 8	0 46	2 16	24 4	2 16	17 23	0 37	23 9	0 3	21 36	1 9	24 9	0 30	16 33	1 36	17 14	17 5	0 59	1 24	17 25		n.a.
T 29	10 51	18 36	5 12	1 33	2 8	24 17	2 17	17 34	0 37	23 9	0 3	21 35	1 9	24 9	0 30	16 32	1 36	17 14	17 5	1 0	1 25	17 24		n.a.
W30	11n12	18s14	5n 3	2n22	2s 0	24n29	2n18	17n46	0n38	23s 8	0n 3	21s35	1s 9	24n 9	0n30	16s32	1n36	17n14	17n 5	1n 1	1n26	17s23		n.a.

Julian Day Number = 1362837.5, Delta T = 06h57m26s
Ecliptic obliquity = 23°48'36, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°37'46, Lahiri = -17°30'46 Julian Calendar 1 Apr. 982 BCE == Greg. Calendar 23 March 982 BCE

The year -981 astronomical counting style corresponds to year 982 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 982 BCE
geocentric

MAY 982 BCE (-981) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 55 37	29♈41'46	23♉58	12♈13	10♊33	17♉38	17°R12	0♒ 5	6♋31	20°R12	25°R53	27°R27	26♍22	22♉10	n.a.	T 1
F 2	13 59 34	0♉38'59	5♒50	14° 2	11°41	18°18	17♐ 9	0° 7	6°33	20♏10	25♍52	27°D26	26°19	22°17	n.a.	F 2
S 3	14 3 30	1°36'12	17°47	15°52	12°49	18°57	17° 6	0° 9	6°35	20° 9	25°50	27♍27	26°16	22°24	n.a.	S 3
S 4	14 7 27	2°33'24	29°52	17°45	13°56	19°36	17° 3	0°11	6°37	20° 7	25°49	27°29	26°13	22°30	n.a.	S 4
M 5	14 11 24	3°30'36	12♓10	19°41	15° 4	20°15	16°59	0°13	6°39	20° 6	25°48	27°31	26°10	22°37	n.a.	M 5
T 6	14 15 20	4°27'48	24°46	21°38	16°11	20°53	16°56	0°14	6°42	20° 4	25°46	27°R31	26° 7	22°44	n.a.	T 6
W 7	14 19 17	5°24'59	7♈41	23°38	17°18	21°32	16°52	0°16	6°44	20° 3	25°45	27°31	26° 3	22°51	n.a.	W 7
T 8	14 23 13	6°22'10	20°58	25°40	18°25	22°11	16°48	0°17	6°46	20° 1	25°44	27°29	26° 0	22°57	n.a.	T 8
F 9	14 27 10	7°19'20	4♉37	27°44	19°32	22°50	16°43	0°19	6°48	20° 0	25°43	27°25	25°57	23° 4	n.a.	F 9
S 10	14 31 6	8°16'29	18°35	29°49	20°38	23°29	16°39	0°20	6°51	19°58	25°42	27°20	25°54	23°11	n.a.	S 10
S 11	14 35 3	9°13'39	2♊48	1♉56	21°45	24° 8	16°34	0°21	6°53	19°56	25°41	27°13	25°51	23°17	n.a.	S 11
M12	14 38 59	10°10'47	17°10	4° 4	22°51	24°47	16°30	0°22	6°55	19°55	25°40	27° 7	25°48	23°24	n.a.	M12
T 13	14 42 56	11° 7'55	1♋38	6°14	23°57	25°26	16°25	0°23	6°58	19°53	25°39	27° 1	25°44	23°31	n.a.	T 13
W14	14 46 53	12° 5'03	16° 3	8°24	25° 3	26° 5	16°20	0°24	7° 0	19°52	25°38	26°57	25°41	23°38	n.a.	W14
T 15	14 50 49	13° 2'10	0♌24	10°35	26° 9	26°43	16°15	0°24	7° 3	19°50	25°37	26°55	25°38	23°44	n.a.	T 15
F 16	14 54 46	13°59'16	14°35	12°46	27°14	27°22	16° 9	0°25	7° 5	19°48	25°36	26°D54	25°35	23°51	n.a.	F 16
S 17	14 58 42	14°56'21	28°36	14°57	28°20	28° 1	16° 4	0°26	7° 8	19°47	25°35	26°55	25°32	23°58	n.a.	S 17
S 18	15 2 39	15°53'26	12♍26	17° 8	29°25	28°40	15°58	0°26	7°10	19°45	25°34	26°56	25°28	24° 4	n.a.	S 18
M19	15 6 35	16°50'30	26° 5	19°19	0♋30	29°18	15°53	0°26	7°13	19°44	25°33	26°R56	25°25	24°11	n.a.	M19
T 20	15 10 32	17°47'34	9♎32	21°29	1°35	29°57	15°47	0°27	7°16	19°42	25°32	26°56	25°22	24°18	n.a.	T 20
W21	15 14 29	18°44'38	22°48	23°37	2°39	0♊36	15°41	0°27	7°19	19°40	25°31	26°53	25°19	24°25	n.a.	W21
T 22	15 18 25	19°41'41	5♏52	25°45	3°43	1°14	15°35	0°R27	7°21	19°39	25°30	26°48	25°16	24°31	n.a.	T 22
F 23	15 22 22	20°38'44	18°44	27°51	4°48	1°53	15°28	0°27	7°24	19°37	25°30	26°40	25°13	24°38	n.a.	F 23
S 24	15 26 18	21°35'48	1♐24	29°56	5°51	2°32	15°22	0°27	7°27	19°36	25°29	26°31	25° 9	24°45	n.a.	S 24
S 25	15 30 15	22°32'51	13°51	1♊59	6°55	3°10	15°15	0°26	7°30	19°34	25°28	26°22	25° 6	24°51	n.a.	S 25
M26	15 34 11	23°29'54	26° 6	4° 1	7°58	3°49	15° 9	0°26	7°33	19°32	25°27	26°12	25° 3	24°58	n.a.	M26
T 27	15 38 8	24°26'58	8♉11	6° 0	9° 2	4°27	15° 2	0°26	7°36	19°31	25°27	26° 3	25° 0	25° 5	n.a.	T 27
W28	15 42 4	25°24'02	20° 8	7°58	10° 5	5° 6	14°55	0°25	7°39	19°29	25°26	25°55	24°57	25°11	n.a.	W28
T 29	15 46 1	26°21'06	2♒ 0	9°54	11° 7	5°45	14°49	0°24	7°42	19°27	25°25	25°50	24°53	25°18	n.a.	T 29
F 30	15 49 58	27°18'10	13°51	11°48	12°10	6°23	14°42	0°24	7°45	19°26	25°25	25°47	24°50	25°25	n.a.	F 30
S 31	15 53 54	28♉15'15	25♒45	13♊40	13♋12	7♊ 2	14♐35	0♒23	7♋48	19♏24	25♍24	25°D46	24♍47	25♉32	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n32	17s 3	4n40	3n11	1s52	24n40	2n19	17n58	0n38	23s 8	0n 3	21s35	1s10	24n 9	0n30	16s31	1n36	17n14	17n 4	1n 2	1n28	17s23			n.a.
F 2	11 53	15 8	4 5	4 2	1 43	24 51	2 21	18 9	0 39	23 8	0 3	21 35	1 10	24 9	0 30	16 31	1 36	17 14	17 4	1 2	1 29	17 22			n.a.
S 3	12 13	12 34	3 20	4 54	1 34	25 2	2 22	18 21	0 39	23 8	0 2	21 34	1 10	24 8	0 30	16 30	1 36	17 15	17 4	1 2	1 30	17 21			n.a.
S 4	12 33	9 26	2 25	5 47	1 24	25 11	2 23	18 32	0 40	23 8	0 2	21 34	1 10	24 8	0 30	16 30	1 36	17 15	17 3	1 1	1 32	17 21			n.a.
M 5	12 53	5 50	1 23	6 40	1 14	25 20	2 23	18 43	0 40	23 8	0 2	21 34	1 10	24 8	0 30	16 30	1 36	17 15	17 3	1 0	1 33	17 20			n.a.
T 6	13 12	1 53	0 15	7 35	1 4	25 28	2 24	18 54	0 40	23 7	0 2	21 34	1 11	24 8	0 30	16 29	1 36	17 15	17 2	1 0	1 34	17 19			n.a.
W 7	13 32	2n15	0s55	8 30	0 53	25 36	2 25	19 5	0 41	23 7	0 2	21 34	1 11	24 8	0 30	16 29	1 36	17 15	17 2	1 0	1 35	17 19			n.a.
T 8	13 51	6 24	2 4	9 25	0 42	25 42	2 25	19 16	0 41	23 7	0 2	21 33	1 11	24 8	0 30	16 28	1 36	17 15	17 2	1 1	1 37	17 18			n.a.
F 9	14 10	10 19	3 8	10 20	0 32	25 49	2 26	19 26	0 42	23 7	0 2	21 33	1 11	24 8	0 30	16 28	1 36	17 15	17 1	1 3	1 38	17 17			n.a.
S 10	14 29	13 45	4 1	11 15	0 21	25 54	2 26	19 37	0 42	23 6	0 1	21 33	1 11	24 7	0 30	16 28	1 36	17 15	17 1	1 5	1 39	17 16			n.a.
S 11	14 47	16 26	4 41	12 11	0 10	25 59	2 26	19 47	0 43	23 6	0 1	21 33	1 12	24 7	0 30	16 27	1 36	17 16	17 0	1 7	1 41	17 16			n.a.
M12	15 6	18 8	5 4	13 5	0n 1	26 3	2 26	19 57	0 43	23 6	0 1	21 33	1 12	24 7	0 30	16 27	1 36	17 16	17 0	1 10	1 42	17 15			n.a.
T 13	15 24	18 40	5 8	13 59	0 12	26 6	2 26	20 7	0 43	23 5	0 1	21 33	1 12	24 7	0 30	16 26	1 36	17 16	17 0	1 12	1 43	17 14			n.a.
W14	15 42	18 0	4 52	14 52	0 22	26 9	2 26	20 17	0 44	23 5	0 1	21 33	1 12	24 7	0 30	16 26	1 36	17 16	16 59	1 14	1 44	17 14			n.a.
T 15	16 0	16 11	4 18	15 44	0 32	26 11	2 26	20 26	0 44	23 5	0 1	21 33	1 13	24 7	0 30	16 25	1 36	17 16	16 59	1 15	1 46	17 13			n.a.
F 16	16 17	13 23	3 28	16 35	0 42	26 13	2 26	20 36	0 45	23 4	0 0	21 33	1 13	24 7	0 30	16 25	1 36	17 16	16 58	1 15	1 47	17 12			n.a.
S 17	16 34	9 51	2 27	17 23	0 51	26 13	2 25	20 45	0 45	23 4	0 0	21 33	1 13	24 6	0 30	16 25	1 36	17 15	16 58	1 15	1 48	17 11			n.a.
S 18	16 51	5 49	1 17	18 11	1 0	26 13	2 25	20 54	0 45	23 3	0 0	21 34	1 13	24 6	0 30	16 24	1 36	17 15	16 57	1 14	1 50	17 11			n.a.
M19	17 8	1 31	0 5	18 56	1 9	26 13	2 24	21 3	0 46	23 3	0s 0	21 34	1 13	24 6	0 30	16 24	1 36	17 15	16 57	1 14	1 51	17 10			n.a.
T 20	17 24	2s48	1n 7	19 38	1 17	26 11	2 23	21 12	0 46	23 2	0 0	21 34	1 14	24 6	0 30	16 23	1 36	17 15	16 56	1 14	1 52	17 9			n.a.
W21	17 40	6 55	2 14	20 19	1 24	26 9	2 22	21 21	0 47	23 2	0 0	21 34	1 14	24 6	0 30	16 23	1 36	17 15	16 56	1 16	1 53	17 8			n.a.
T 22	17 56	10 39	3 13	20 57	1 30	26 6	2 21	21 30	0 47	23 1	0 1	21 34	1 14	24 6	0 30	16 22	1 36	17 15	16 55	1 18	1 55	17 8			n.a.
F 23	18 11	13 48	4 1	21 33	1 36	26 3	2 20	21 38	0 47	23 1	0 1	21 34	1 14	24 5	0 30	16 22	1 36	17 15	16 55	1 21	1 56	17 7			n.a.
S 24	18 27	16 15	4 36	22 6	1 41	25 59	2 19	21 46	0 48	23 0	0 1	21 35	1 14	24 5	0 30	16 21	1 36	17 15	16 54	1 24	1 57	17 6			n.a.
S 25	18 42	17 53	4 58	22 37	1 46	25 54	2 17	21 54	0 48	23 0	0 1	21 35	1 15	24 5	0 30	16 21	1 36	17 15	16 54	1 28	1 58	17 5			n.a.
M26	18 56	18 40	5 5	23 4	1 50	25 49	2 15	22 2	0 49	22 59	0 1	21 35	1 15	24 5	0 30	16 21	1 36	17 14	16 53	1 32	2 0	17 5			n.a.
T 27	19 10	18 36	4 58	23 30	1 53	25 43	2 14	22 10	0 49	22 59	0 1	21 35	1 15	24 5	0 30	16 20	1 36	17 14	16 53	1 36	2 1	17 4			n.a.
W28	19 25	17 41	4 38	23 53	1 55	25 37	2 12	22 17	0 49	22 58	0 2	21 36	1 15	24 5	0 30	16 20	1 36	17 14	16 52	1 39	2 2	17 3			n.a.
T 29	19 38	16 1	4 7	24 13	1 57	25 30	2 10	22 25	0 50	22 57	0 2	21 36	1 15	24 4	0 30	16 19	1 36	17 14	16 52	1 41	2 4	17 2			n.a.
F 30	19 52	13 40	3 24	24 30	1 58	25 22	2 8	22 32	0 50	22 57	0 2	21 36	1 16	24 4	0 29	16 19	1 36	17 13	16 51	1 42	2 5	17 2			n.a.
S 31	20n 5	10s44	2n33	24n46	1n59	25n13	2n 5	22n39	0n50	22s56	0s 2	21s37	1s16	24n 4	0n29	16s18	1n36	17n13	16n51	1n42	2n 6	17s 1			n.a.

Julian Day Number = 1362867.5, Delta T = 06h57m24s
Ecliptic obliquity = 23°48'36, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°37'42, Lahiri = -17°30'41 Julian Calendar 1 May 982 BCE == Greg. Calendar 22 Apr. 982 BCE

The year -981 astronomical counting style corresponds to year 982 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 982 BCE
geocentric

JUNE 982 BCE (-981) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 57 51	29♉12'21	7♓49	15♊31	14♋14	7♊40	14°R27	0°R22	7♋51	19°R23	25°R24	25♍46	24♍44	25♏38	n.a.	S 1
M 2	16 1 47	0♊ 9'27	20° 7	17°19	15°15	8°19	14♐20	0♒21	7°54	19♏21	25♍23	25°R47	24°41	25°45	n.a.	M 2
T 3	16 5 44	1° 6'33	2♈44	19° 5	16°16	8°57	14°13	0°20	7°57	19°20	25°23	25°47	24°38	25°52	n.a.	T 3
W 4	16 9 40	2° 3'40	15°44	20°49	17°17	9°36	14° 5	0°18	8° 0	19°18	25°23	25°45	24°34	25°58	n.a.	W 4
T 5	16 13 37	3° 0'48	29°10	22°31	18°18	10°14	13°58	0°17	8° 3	19°16	25°22	25°41	24°31	26° 5	n.a.	T 5
F 6	16 17 33	3°57'56	13♉ 2	24°12	19°18	10°53	13°51	0°16	8° 7	19°15	25°22	25°35	24°28	26°12	n.a.	F 6
S 7	16 21 30	4°55'05	27°19	25°50	20°18	11°31	13°43	0°14	8°10	19°13	25°22	25°26	24°25	26°18	n.a.	S 7
S 8	16 25 27	5°52'14	11♊56	27°26	21°18	12°10	13°35	0°12	8°13	19°12	25°21	25°16	24°22	26°25	n.a.	S 8
M 9	16 29 23	6°49'24	26°44	29° 1	22°17	12°48	13°28	0°11	8°17	19°10	25°21	25° 6	24°19	26°32	n.a.	M 9
T 10	16 33 20	7°46'34	11♋36	0♋33	23°16	13°26	13°20	0° 9	8°20	19° 9	25°21	24°57	24°15	26°39	n.a.	T 10
W11	16 37 16	8°43'45	26°23	2° 3	24°15	14° 5	13°12	0° 7	8°23	19° 7	25°21	24°49	24°12	26°45	n.a.	W11
T 12	16 41 13	9°40'56	10♌59	3°32	25°13	14°43	13° 5	0° 5	8°27	19° 6	25°21	24°44	24° 9	26°52	n.a.	T 12
F 13	16 45 9	10°38'07	25°18	4°58	26°11	15°22	12°57	0° 3	8°30	19° 4	25°20	24°42	24° 6	26°59	n.a.	F 13
S 14	16 49 6	11°35'18	9♍19	6°22	27° 8	16° 0	12°49	0° 1	8°33	19° 3	25°20	24°D41	24° 3	27° 5	n.a.	S 14
S 15	16 53 3	12°32'30	23° 2	7°44	28° 5	16°38	12°42	29♏59	8°37	19° 1	25°20	24°R41	23°59	27°12	n.a.	S 15
M16	16 56 59	13°29'43	6♎27	9° 4	29° 1	17°17	12°34	29°56	8°40	19° 0	25°D20	24°41	23°56	27°19	n.a.	M16
T 17	17 0 56	14°26'55	19°37	10°22	29°57	17°55	12°26	29°54	8°44	18°58	25°20	24°39	23°53	27°26	n.a.	T 17
W18	17 4 52	15°24'09	2♏34	11°37	0♌53	18°33	12°18	29°51	8°47	18°57	25°20	24°34	23°50	27°32	n.a.	W18
T 19	17 8 49	16°21'23	15°19	12°50	1°48	19°12	12°11	29°49	8°51	18°56	25°21	24°27	23°47	27°39	n.a.	T 19
F 20	17 12 45	17°18'38	27°53	14° 1	2°42	19°50	12° 3	29°46	8°54	18°54	25°21	24°17	23°44	27°46	n.a.	F 20
S 21	17 16 42	18°15'53	10♐17	15°10	3°36	20°28	11°55	29°43	8°58	18°53	25°21	24° 5	23°40	27°52	n.a.	S 21
S 22	17 20 38	19°13'10	22°32	16°15	4°29	21° 7	11°48	29°40	9° 1	18°52	25°21	23°52	23°37	27°59	n.a.	S 22
M23	17 24 35	20°10'27	4♑39	17°19	5°22	21°45	11°40	29°37	9° 5	18°50	25°21	23°38	23°34	28° 6	n.a.	M23
T 24	17 28 32	21° 7'46	16°38	18°19	6°14	22°23	11°32	29°34	9° 9	18°49	25°22	23°26	23°31	28°12	n.a.	T 24
W25	17 32 28	22° 5'05	28°31	19°17	7° 6	23° 2	11°25	29°31	9°12	18°48	25°22	23°16	23°28	28°19	n.a.	W25
T 26	17 36 25	23° 2'26	10♒21	20°11	7°57	23°40	11°18	29°28	9°16	18°46	25°22	23° 8	23°25	28°26	n.a.	T 26
F 27	17 40 21	23°59'48	22°10	21° 3	8°47	24°18	11°10	29°25	9°19	18°45	25°23	23° 3	23°21	28°33	n.a.	F 27
S 28	17 44 18	24°57'11	4♓ 3	21°51	9°37	24°57	11° 3	29°22	9°23	18°44	25°23	23° 0	23°18	28°39	n.a.	S 28
S 29	17 48 14	25°54'36	16° 5	22°36	10°26	25°35	10°56	29°18	9°27	18°43	25°23	22°59	23°15	28°46	n.a.	S 29
M30	17 52 11	26♊52'02	28♓21	23♋17	11♌14	26♊13	10♐48	29♏15	9♋30	18♏42	25♍24	22♍59	23♍12	28♏53	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n17	7s19	1n34	24n58	1n59	25n 4	2n 3	22n46	0n51	22s55	0s 2	21s37	1s16	24n 4	0n29	16s18	1n36	17n13	16n50	1n42	2n 7	17s 0		n.a.
M 2	20 30	3 31	0 30	25 9	1 58	24 55	2 0	22 52	0 51	22 55	0 2	21 38	1 16	24 4	0 29	16 18	1 36	17 13	16 49	1 42	2 9	16 59		n.a.
T 3	20 42	0n32	0s37	25 17	1 56	24 45	1 58	22 59	0 51	22 54	0 2	21 38	1 16	24 3	0 29	16 17	1 36	17 12	16 49	1 42	2 10	16 59		n.a.
W 4	20 54	4 41	1 44	25 23	1 54	24 34	1 55	23 5	0 52	22 53	0 3	21 39	1 17	24 3	0 29	16 17	1 36	17 12	16 48	1 43	2 11	16 58		n.a.
T 5	21 5	8 44	2 48	25 27	1 52	24 23	1 52	23 11	0 52	22 53	0 3	21 39	1 17	24 3	0 29	16 16	1 36	17 11	16 48	1 44	2 13	16 57		n.a.
F 6	21 16	12 27	3 43	25 29	1 49	24 11	1 48	23 17	0 53	22 52	0 3	21 40	1 17	24 3	0 29	16 16	1 36	17 11	16 47	1 47	2 14	16 56		n.a.
S 7	21 27	15 32	4 27	25 29	1 45	23 59	1 45	23 23	0 53	22 51	0 3	21 40	1 17	24 3	0 29	16 16	1 36	17 11	16 47	1 50	2 15	16 55		n.a.
S 8	21 37	17 43	4 54	25 28	1 41	23 46	1 41	23 29	0 53	22 50	0 3	21 41	1 17	24 2	0 29	16 15	1 36	17 10	16 46	1 54	2 16	16 55		n.a.
M 9	21 47	18 44	5 2	25 24	1 36	23 32	1 38	23 34	0 54	22 50	0 3	21 41	1 18	24 2	0 29	16 15	1 36	17 10	16 45	1 59	2 18	16 54		n.a.
T 10	21 57	18 29	4 49	25 19	1 30	23 19	1 34	23 39	0 54	22 49	0 4	21 42	1 18	24 2	0 29	16 14	1 36	17 9	16 45	2 2	2 19	16 53		n.a.
W11	22 6	16 59	4 18	25 12	1 25	23 4	1 30	23 44	0 54	22 48	0 4	21 42	1 18	24 2	0 29	16 14	1 36	17 9	16 44	2 5	2 20	16 52		n.a.
T 12	22 15	14 23	3 30	25 4	1 18	22 50	1 26	23 49	0 55	22 47	0 4	21 43	1 18	24 1	0 29	16 14	1 36	17 9	16 44	2 7	2 21	16 51		n.a.
F 13	22 23	10 57	2 29	24 54	1 12	22 34	1 21	23 54	0 55	22 46	0 4	21 44	1 18	24 1	0 29	16 13	1 36	17 8	16 43	2 8	2 23	16 51		n.a.
S 14	22 31	6 57	1 21	24 43	1 4	22 19	1 17	23 59	0 55	22 45	0 4	21 44	1 19	24 1	0 29	16 13	1 36	17 8	16 43	2 9	2 24	16 50		n.a.
S 15	22 39	2 41	0 9	24 31	0 57	22 3	1 12	24 3	0 56	22 45	0 4	21 45	1 19	24 1	0 29	16 13	1 36	17 7	16 42	2 9	2 25	16 49		n.a.
M16	22 46	1s39	1n 2	24 18	0 49	21 46	1 7	24 7	0 56	22 44	0 5	21 46	1 19	24 1	0 29	16 12	1 36	17 6	16 41	2 9	2 27	16 48		n.a.
T 17	22 53	5 49	2 8	24 4	0 40	21 29	1 2	24 11	0 56	22 43	0 5	21 46	1 19	24 0	0 29	16 12	1 36	17 6	16 41	2 10	2 28	16 47		n.a.
W18	23 0	9 39	3 6	23 49	0 31	21 12	0 57	24 15	0 57	22 42	0 5	21 47	1 19	24 0	0 29	16 11	1 36	17 5	16 40	2 11	2 29	16 47		n.a.
T 19	23 6	12 57	3 54	23 33	0 22	20 55	0 52	24 18	0 57	22 41	0 5	21 48	1 20	24 0	0 29	16 11	1 36	17 5	16 40	2 14	2 30	16 46		n.a.
F 20	23 12	15 37	4 29	23 16	0 12	20 37	0 46	24 22	0 57	22 40	0 5	21 49	1 20	24 0	0 29	16 11	1 36	17 4	16 39	2 18	2 32	16 45		n.a.
S 21	23 17	17 32	4 51	22 58	0 2	20 18	0 41	24 25	0 57	22 39	0 5	21 49	1 20	23 59	0 29	16 10	1 36	17 4	16 38	2 23	2 33	16 44		n.a.
S 22	23 22	18 36	5 0	22 40	0s 8	20 0	0 35	24 28	0 58	22 39	0 6	21 50	1 20	23 59	0 29	16 10	1 36	17 3	16 38	2 28	2 34	16 43		n.a.
M23	23 26	18 49	4 55	22 22	0 18	19 41	0 29	24 31	0 58	22 38	0 6	21 51	1 20	23 59	0 29	16 10	1 36	17 2	16 37	2 34	2 36	16 42		n.a.
T 24	23 30	18 11	4 36	22 3	0 29	19 22	0 23	24 33	0 58	22 37	0 6	21 52	1 20	23 59	0 29	16 9	1 36	17 2	16 37	2 39	2 37	16 42		n.a.
W25	23 34	16 46	4 6	21 44	0 41	19 3	0 16	24 36	0 59	22 36	0 6	21 53	1 21	23 58	0 29	16 9	1 36	17 1	16 36	2 43	2 38	16 41		n.a.
T 26	23 37	14 38	3 25	21 25	0 52	18 43	0 9	24 38	0 59	22 35	0 6	21 54	1 21	23 58	0 29	16 9	1 36	17 0	16 35	2 46	2 39	16 40		n.a.
F 27	23 40	11 53	2 35	21 5	1 4	18 23	0 3	24 40	0 59	22 34	0 6	21 54	1 21	23 58	0 29	16 8	1 35	17 0	16 35	2 48	2 41	16 39		n.a.
S 28	23 43	8 39	1 38	20 46	1 16	18 3	0s 4	24 42	1 0	22 33	0 7	21 55	1 21	23 58	0 29	16 8	1 35	16 59	16 34	2 49	2 42	16 38		n.a.
S 29	23 45	5 1	0 36	20 26	1 28	17 43	0 12	24 44	1 0	22 32	0 7	21 56	1 21	23 57	0 29	16 8	1 35	16 58	16 34	2 50	2 43	16 37		n.a.
M30	23n46	1s 6	0s28	20n 7	1s40	17n22	0s19	24n45	1n 0	22s31	0s 7	21s57	1s21	23n57	0n29	16s 8	1n35	16n58	16n33	2n50	2n44	16s36		n.a.

Julian Day Number = 1362898.5, Delta T = 06h57m23s
Ecliptic obliquity = 23°48'35, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°37'38, Lahiri = -17°30'37 Julian Calendar 1 June 982 BCE == Greg. Calendar 23 May 982 BCE

The year -981 astronomical counting style corresponds to year 982 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 982 BCE
geocentric

JULY 982 BCE (-981) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 56 7	27♊49'29	10♈55	23♋55	12♌ 1	26♊51	10°R41	29°R11	9♋34	18°R40	25♍24	22°R59	23♍ 9	28♉59	n.a.	T 1
W 2	18 0 4	28°46'58	23°54	24°28	12°48	27°30	10♐34	29♉ 8	9°38	18♏39	25°25	22♍57	23° 5	29° 6	n.a.	W 2
T 3	18 4 1	29°44'29	7♉20	24°58	13°33	28° 8	10°27	29° 4	9°42	18°38	25°26	22°53	23° 2	29°13	n.a.	T 3
F 4	18 7 57	0♋42'01	21°15	25°23	14°18	28°46	10°20	29° 0	9°45	18°37	25°26	22°46	22°59	29°19	n.a.	F 4
S 5	18 11 54	1°39'34	5♊39	25°43	15° 2	29°24	10°14	28°56	9°49	18°36	25°27	22°38	22°56	29°26	n.a.	S 5
S 6	18 15 50	2°37'10	20°27	25°59	15°45	0♋ 3	10° 7	28°53	9°53	18°35	25°27	22°27	22°53	29°33	n.a.	S 6
M 7	18 19 47	3°34'46	5♋31	26°10	16°28	0°41	10° 0	28°49	9°56	18°34	25°28	22°16	22°50	29°40	n.a.	M 7
T 8	18 23 43	4°32'24	20°42	26°16	17° 9	1°19	9°54	28°45	10° 0	18°33	25°29	22° 6	22°46	29°46	n.a.	T 8
W 9	18 27 40	5°30'03	5♌49	26°R16	17°49	1°57	9°48	28°41	10° 4	18°32	25°30	21°58	22°43	29°53	n.a.	W 9
T 10	18 31 36	6°27'44	20°42	26°11	18°28	2°36	9°42	28°37	10° 8	18°31	25°31	21°53	22°40	29°59	n.a.	T 10
F 11	18 35 33	7°25'25	5♍16	26° 0	19° 6	3°14	9°36	28°33	10°11	18°30	25°31	21°50	22°37	0♒ 6	n.a.	F 11
S 12	18 39 30	8°23'08	19°26	25°44	19°43	3°52	9°30	28°29	10°15	18°29	25°32	21°D49	22°34	0°13	n.a.	S 12
S 13	18 43 26	9°20'52	3♎11	25°22	20°18	4°30	9°24	28°24	10°19	18°28	25°33	21°R49	22°31	0°20	n.a.	S 13
M14	18 47 23	10°18'38	16°34	24°54	20°52	5° 9	9°18	28°20	10°23	18°27	25°34	21°49	22°27	0°26	n.a.	M14
T 15	18 51 19	11°16'24	29°37	24°21	21°25	5°47	9°13	28°16	10°26	18°26	25°35	21°48	22°24	0°33	n.a.	T 15
W16	18 55 16	12°14'12	12♏23	23°43	21°57	6°25	9° 7	28°12	10°30	18°26	25°36	21°44	22°21	0°40	n.a.	W16
T 17	18 59 12	13°12'01	24°55	23° 0	22°27	7° 3	9° 2	28° 7	10°34	18°25	25°37	21°38	22°18	0°46	n.a.	T 17
F 18	19 3 9	14° 9'52	7♐16	22°14	22°56	7°41	8°57	28° 3	10°38	18°24	25°38	21°29	22°15	0°53	n.a.	F 18
S 19	19 7 5	15° 7'44	19°27	21°23	23°23	8°20	8°52	27°58	10°41	18°23	25°39	21°19	22°11	1° 0	n.a.	S 19
S 20	19 11 2	16° 5'38	1♑31	20°31	23°49	8°58	8°47	27°54	10°45	18°23	25°41	21° 7	22° 8	1° 7	n.a.	S 20
M21	19 14 59	17° 3'34	13°30	19°36	24°12	9°36	8°43	27°49	10°49	18°22	25°42	20°55	22° 5	1°13	n.a.	M21
T 22	19 18 55	18° 1'31	25°23	18°41	24°35	10°14	8°38	27°45	10°52	18°22	25°43	20°44	22° 2	1°20	n.a.	T 22
W23	19 22 52	18°59'30	7♒14	17°47	24°55	10°53	8°34	27°40	10°56	18°21	25°44	20°34	21°59	1°27	n.a.	W23
T 24	19 26 48	19°57'31	19° 3	16°54	25°14	11°31	8°30	27°36	11° 0	18°20	25°45	20°27	21°56	1°33	n.a.	T 24
F 25	19 30 45	20°55'33	0♓54	16° 4	25°30	12° 9	8°26	27°31	11° 4	18°20	25°47	20°23	21°52	1°40	n.a.	F 25
S 26	19 34 41	21°53'38	12°49	15°18	25°45	12°47	8°22	27°27	11° 7	18°19	25°48	20°21	21°49	1°47	n.a.	S 26
S 27	19 38 38	22°51'44	24°52	14°37	25°58	13°25	8°19	27°22	11°11	18°19	25°49	20°D21	21°46	1°53	n.a.	S 27
M28	19 42 34	23°49'53	7♈ 7	14° 3	26° 9	14° 4	8°15	27°18	11°15	18°18	25°51	20°22	21°43	2° 0	n.a.	M28
T 29	19 46 31	24°48'04	19°40	13°35	26°17	14°42	8°12	27°13	11°18	18°18	25°52	20°R22	21°40	2° 7	n.a.	T 29
W30	19 50 28	25°46'17	2♉35	13°14	26°24	15°20	8° 9	27° 8	11°22	18°18	25°54	20°22	21°36	2°13	n.a.	W30
T 31	19 54 24	26♋44'32	15♉55	13♋ 2	26♌28	15♋58	8♐ 6	27♉ 4	11♋26	18♏17	25♍55	20♍21	21♍33	2♒20	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n47	2n57	1s34	19n49	1s52	17n 2	0s27	24n47	1n 0	22s31	0s 7	21s58	1s22	23n57	0n29	16s 7	1n35	16n57	16n33	2n50	2n46	16s36			n.a.
W 2	23 48	7 0	2 36	19 31	2 5	16 41	0 34	24 48	1 1	22 30	0 7	21 59	1 22	23 57	0 29	16 7	1 35	16 56	16 32	2 50	2 47	16 35			n.a.
T 3	23 49	10 50	3 32	19 13	2 17	16 20	0 42	24 49	1 1	22 29	0 7	22 0	1 22	23 56	0 29	16 7	1 35	16 55	16 31	2 52	2 48	16 34			n.a.
F 4	23 48	14 13	4 17	18 56	2 30	15 59	0 50	24 49	1 1	22 28	0 7	22 1	1 22	23 56	0 29	16 6	1 35	16 54	16 31	2 55	2 50	16 33			n.a.
S 5	23 48	16 51	4 48	18 40	2 42	15 38	0 59	24 50	1 2	22 27	0 8	22 2	1 22	23 56	0 29	16 6	1 35	16 54	16 30	2 58	2 51	16 32			n.a.
S 6	23 47	18 27	5 1	18 25	2 54	15 17	1 7	24 50	1 2	22 26	0 8	22 3	1 22	23 55	0 29	16 6	1 35	16 53	16 30	3 2	2 52	16 31			n.a.
M 7	23 46	18 49	4 53	18 12	3 6	14 56	1 16	24 51	1 2	22 26	0 8	22 4	1 23	23 55	0 29	16 6	1 35	16 52	16 29	3 7	2 53	16 30			n.a.
T 8	23 44	17 49	4 25	17 59	3 18	14 35	1 25	24 50	1 2	22 25	0 8	22 5	1 23	23 55	0 29	16 6	1 35	16 51	16 28	3 11	2 55	16 30			n.a.
W 9	23 42	15 35	3 38	17 48	3 29	14 14	1 34	24 50	1 3	22 24	0 8	22 6	1 23	23 55	0 29	16 5	1 35	16 50	16 28	3 14	2 56	16 29			n.a.
T 10	23 39	12 20	2 37	17 38	3 40	13 53	1 44	24 50	1 3	22 23	0 8	22 7	1 23	23 54	0 29	16 5	1 35	16 50	16 27	3 16	2 57	16 28			n.a.
F 11	23 36	8 23	1 27	17 30	3 50	13 32	1 53	24 49	1 3	22 22	0 9	22 8	1 23	23 54	0 29	16 5	1 35	16 49	16 27	3 17	2 58	16 27			n.a.
S 12	23 32	4 3	0 13	17 24	4 0	13 11	2 3	24 48	1 3	22 22	0 9	22 9	1 23	23 54	0 29	16 5	1 35	16 48	16 26	3 18	3 0	16 26			n.a.
S 13	23 28	0s22	1n 0	17 20	4 8	12 51	2 13	24 47	1 4	22 21	0 9	22 10	1 23	23 53	0 29	16 4	1 35	16 47	16 26	3 18	3 1	16 25			n.a.
M14	23 24	4 39	2 7	17 17	4 16	12 30	2 23	24 46	1 4	22 20	0 9	22 11	1 24	23 53	0 29	16 4	1 35	16 46	16 25	3 18	3 2	16 24			n.a.
T 15	23 19	8 36	3 6	17 17	4 22	12 10	2 33	24 45	1 4	22 19	0 9	22 12	1 24	23 53	0 29	16 4	1 35	16 45	16 24	3 18	3 4	16 23			n.a.
W16	23 14	12 4	3 55	17 19	4 27	11 50	2 44	24 43	1 4	22 19	0 9	22 13	1 24	23 53	0 29	16 4	1 35	16 44	16 24	3 20	3 5	16 22			n.a.
T 17	23 9	14 55	4 31	17 23	4 30	11 30	2 55	24 42	1 5	22 18	0 9	22 14	1 24	23 52	0 29	16 4	1 35	16 43	16 23	3 22	3 6	16 22			n.a.
F 18	23 3	17 2	4 53	17 29	4 32	11 10	3 5	24 40	1 5	22 17	0 9	22 15	1 24	23 52	0 29	16 4	1 34	16 42	16 23	3 25	3 7	16 21			n.a.
S 19	22 56	18 22	5 2	17 37	4 31	10 51	3 16	24 38	1 5	22 17	0 10	22 16	1 24	23 52	0 29	16 3	1 34	16 41	16 22	3 30	3 9	16 20			n.a.
S 20	22 49	18 50	4 58	17 47	4 29	10 32	3 28	24 35	1 5	22 16	0 10	22 17	1 24	23 51	0 30	16 3	1 34	16 40	16 22	3 35	3 10	16 19			n.a.
M21	22 42	18 28	4 40	17 58	4 25	10 13	3 39	24 33	1 6	22 16	0 10	22 18	1 24	23 51	0 30	16 3	1 34	16 39	16 21	3 39	3 11	16 18			n.a.
T 22	22 34	17 18	4 10	18 12	4 20	9 55	3 51	24 30	1 6	22 15	0 10	22 19	1 25	23 51	0 30	16 3	1 34	16 39	16 21	3 44	3 12	16 17			n.a.
W23	22 26	15 23	3 29	18 27	4 12	9 37	4 2	24 27	1 6	22 14	0 10	22 20	1 25	23 51	0 30	16 3	1 34	16 38	16 20	3 47	3 14	16 16			n.a.
T 24	22 18	12 49	2 39	18 43	4 2	9 19	4 14	24 24	1 6	22 14	0 10	22 21	1 25	23 50	0 30	16 3	1 34	16 37	16 20	3 50	3 15	16 15			n.a.
F 25	22 9	9 44	1 42	19 0	3 51	9 2	4 26	24 21	1 7	22 13	0 10	22 22	1 25	23 50	0 30	16 3	1 34	16 36	16 19	3 52	3 16	16 14			n.a.
S 26	22 0	6 14	0 40	19 19	3 38	8 46	4 38	24 17	1 7	22 13	0 11	22 23	1 25	23 50	0 30	16 3	1 34	16 35	16 18	3 53	3 18	16 13			n.a.
S 27	21 50	2 26	0s24	19 37	3 23	8 30	4 51	24 14	1 7	22 12	0 11	22 24	1 25	23 49	0 30	16 3	1 34	16 34	16 18	3 53	3 19	16 12			n.a.
M28	21 40	1n31	1 29	19 57	3 8	8 15	5 3	24 10	1 7	22 12	0 11	22 25	1 25	23 49	0 30	16 3	1 34	16 33	16 17	3 53	3 20	16 12			n.a.
T 29	21 30	5 29	2 31	20 16	2 51	8 1	5 15	24 6	1 7	22 12	0 11	22 26	1 25	23 49	0 30	16 2	1 34	16 31	16 17	3 52	3 21	16 11			n.a.
W30	21 19	9 19	3 27	20 35	2 34	7 47	5 27	24 2	1 8	22 11	0 11	22 27	1 25	23 48	0 30	16 2	1 34	16 30	16 16	3 52	3 23	16 10			n.a.
T 31	21n 8	12n49	4s14	20n54	2s16	7n34	5s40	23n58	1n 8	22s11	0s11	22s28	1s25	23n48	0n30	16s 2	1n34	16n29	16n16	3n53	3n24	16s 9			n.a.

Julian Day Number = 1362928.5, Delta T = 06h57m21s
Ecliptic obliquity = 23°48'35, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°37'34, Lahiri = -17°30'33 Julian Calendar 1 July 982 BCE == Greg. Calendar 22 June 982 BCE

The year -981 astronomical counting style corresponds to year 982 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 982 BCE
geocentric

AUGUST 982 BCE (-981) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 58 21	27♋42'50	29♉44	12°D58	26°R30	16♋37	8°R 3	26°R59	11♋29	18°R17	25♍57	20°R17	21♍30	2♒27	n.a.	F 1
S 2	20 2 17	28°41'09	14♊ 2	13♋ 3	26♌30	17°15	8♐ 1	26♏55	11°33	18♏17	25°58	20♍11	21°27	2°34	n.a.	S 2
S 3	20 6 14	29°39'31	28°47	13°17	26°27	17°53	7°59	26°50	11°37	18°16	26° 0	20° 4	21°24	2°40	n.a.	S 3
M 4	20 10 10	0♌37'56	13♋51	13°39	26°23	18°31	7°56	26°45	11°40	18°16	26° 1	19°56	21°21	2°47	n.a.	M 4
T 5	20 14 7	1°36'22	29° 7	14°11	26°15	19°10	7°55	26°41	11°44	18°16	26° 3	19°49	21°17	2°54	n.a.	T 5
W 6	20 18 3	2°34'50	14♌23	14°51	26° 6	19°48	7°53	26°36	11°47	18°16	26° 4	19°44	21°14	3° 0	n.a.	W 6
T 7	20 22 0	3°33'20	29°28	15°39	25°54	20°26	7°51	26°32	11°51	18°16	26° 6	19°40	21°11	3° 7	n.a.	T 7
F 8	20 25 57	4°31'52	14♍15	16°35	25°39	21° 4	7°50	26°27	11°54	18°16	26° 8	19°D38	21° 8	3°14	n.a.	F 8
S 9	20 29 53	5°30'25	28°37	17°38	25°23	21°43	7°49	26°23	11°58	18°16	26° 9	19°39	21° 5	3°20	n.a.	S 9
S 10	20 33 50	6°29'01	12♎33	18°48	25° 4	22°21	7°48	26°18	12° 1	18°D15	26°11	19°40	21° 2	3°27	n.a.	S 10
M11	20 37 46	7°27'38	26° 2	20° 4	24°43	22°59	7°47	26°14	12° 5	18°15	26°13	19°41	20°58	3°34	n.a.	M11
T 12	20 41 43	8°26'17	9♏ 7	21°26	24°19	23°37	7°46	26° 9	12° 8	18°16	26°15	19°R42	20°55	3°40	n.a.	T 12
W13	20 45 39	9°24'58	21°50	22°53	23°54	24°16	7°46	26° 5	12°12	18°16	26°17	19°41	20°52	3°47	n.a.	W13
T 14	20 49 36	10°23'41	4♐17	24°25	23°26	24°54	7°D46	26° 0	12°15	18°16	26°18	19°38	20°49	3°54	n.a.	T 14
F 15	20 53 32	11°22'26	16°31	26° 0	22°57	25°32	7°46	25°56	12°19	18°16	26°20	19°34	20°46	4° 0	n.a.	F 15
S 16	20 57 29	12°21'12	28°34	27°39	22°26	26°11	7°46	25°52	12°22	18°16	26°22	19°28	20°42	4° 7	n.a.	S 16
S 17	21 1 25	13°20'01	10♑31	29°20	21°54	26°49	7°46	25°47	12°25	18°16	26°24	19°22	20°39	4°14	n.a.	S 17
M18	21 5 22	14°18'51	22°24	1♒ 4	21°20	27°27	7°47	25°43	12°29	18°16	26°26	19°15	20°36	4°21	n.a.	M18
T 19	21 9 19	15°17'44	4♒15	2°49	20°46	28° 5	7°48	25°39	12°32	18°17	26°28	19° 9	20°33	4°27	n.a.	T 19
W20	21 13 15	16°16'38	16° 5	4°36	20°10	28°44	7°49	25°35	12°35	18°17	26°30	19° 4	20°30	4°34	n.a.	W20
T 21	21 17 12	17°15'35	27°58	6°24	19°34	29°22	7°50	25°30	12°39	18°17	26°32	19° 0	20°27	4°41	n.a.	T 21
F 22	21 21 8	18°14'34	9♓54	8°12	18°57	0♌ 0	7°51	25°26	12°42	18°18	26°34	18°58	20°23	4°47	n.a.	F 22
S 23	21 25 5	19°13'35	21°56	10° 1	18°21	0°39	7°53	25°22	12°45	18°18	26°36	18°D58	20°20	4°54	n.a.	S 23
S 24	21 29 1	20°12'38	4♈ 6	11°50	17°44	1°17	7°55	25°18	12°48	18°19	26°38	18°59	20°17	5° 1	n.a.	S 24
M25	21 32 58	21°11'44	16°28	13°40	17° 8	1°55	7°57	25°15	12°51	18°19	26°40	19° 1	20°14	5° 7	n.a.	M25
T 26	21 36 54	22°10'53	29° 5	15°29	16°32	2°34	7°59	25°11	12°54	18°20	26°42	19° 2	20°11	5°14	n.a.	T 26
W27	21 40 51	23°10'03	12♉ 0	17°18	15°57	3°12	8° 1	25° 7	12°57	18°20	26°44	19° 3	20° 8	5°21	n.a.	W27
T 28	21 44 47	24° 9'16	25°17	19° 6	15°23	3°50	8° 4	25° 3	13° 1	18°21	26°46	19°R 4	20° 4	5°27	n.a.	T 28
F 29	21 48 44	25° 8'32	8♊57	20°54	14°51	4°29	8° 6	24°59	13° 4	18°21	26°49	19° 3	20° 1	5°34	n.a.	F 29
S 30	21 52 41	26° 7'50	23° 3	22°42	14°19	5° 7	8° 9	24°56	13° 7	18°22	26°51	19° 2	19°58	5°41	n.a.	S 30
S 31	21 56 37	27♌ 7'11	7♋32	24♌28	13♌50	5♌46	8♐12	24♏52	13♋10	18♏22	26♍53	18♍59	19♍55	5♒47	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n56	15n43	4s48	21n13	1s58	7n22	5s52	23n53	1n 8	22s11	0s11	22s29	1s26	23n48	0n30	16s 2	1n34	16n28	16n15	3n54	3n25	16s 8		n.a.
S 2	20 44	17 47	5 5	21 30	1 40	7 10	6 4	23 48	1 8	22 10	0 11	22 30	1 26	23 47	0 30	16 2	1 34	16 27	16 15	3 57	3 26	16 7		n.a.
S 3	20 32	18 45	5 4	21 47	1 22	7 0	6 16	23 43	1 8	22 10	0 12	22 31	1 26	23 47	0 30	16 2	1 34	16 26	16 14	4 0	3 28	16 6		n.a.
M 4	20 20	18 25	4 41	22 2	1 4	6 50	6 29	23 38	1 9	22 10	0 12	22 32	1 26	23 47	0 30	16 2	1 34	16 25	16 14	4 3	3 29	16 5		n.a.
T 5	20 7	16 46	3 59	22 16	0 46	6 41	6 40	23 33	1 9	22 10	0 12	22 33	1 26	23 47	0 30	16 2	1 33	16 24	16 14	4 5	3 30	16 4		n.a.
W 6	19 53	13 55	2 59	22 29	0 30	6 33	6 52	23 28	1 9	22 9	0 12	22 34	1 26	23 46	0 30	16 2	1 33	16 23	16 13	4 8	3 32	16 3		n.a.
T 7	19 40	10 10	1 47	22 39	0 13	6 27	7 3	23 22	1 9	22 9	0 12	22 35	1 26	23 46	0 30	16 2	1 33	16 22	16 13	4 9	3 33	16 2		n.a.
F 8	19 26	5 51	0 29	22 48	0n 2	6 21	7 15	23 16	1 9	22 9	0 12	22 36	1 26	23 46	0 30	16 2	1 33	16 21	16 12	4 10	3 34	16 1		n.a.
S 9	19 11	1 18	0n49	22 54	0 16	6 16	7 25	23 10	1 10	22 9	0 12	22 37	1 26	23 45	0 30	16 2	1 33	16 20	16 12	4 10	3 35	16 0		n.a.
S 10	18 56	3s11	2 1	22 57	0 30	6 13	7 36	23 4	1 10	22 9	0 12	22 38	1 26	23 45	0 30	16 2	1 33	16 19	16 11	4 9	3 37	15 59		n.a.
M11	18 41	7 21	3 4	22 58	0 42	6 11	7 46	22 58	1 10	22 9	0 12	22 39	1 26	23 45	0 30	16 3	1 33	16 18	16 11	4 9	3 38	15 58		n.a.
T 12	18 26	11 1	3 56	22 57	0 53	6 9	7 55	22 52	1 10	22 9	0 13	22 39	1 26	23 44	0 30	16 3	1 33	16 16	16 10	4 9	3 39	15 57		n.a.
W13	18 10	14 5	4 35	22 53	1 4	6 9	8 4	22 45	1 10	22 9	0 13	22 40	1 26	23 44	0 30	16 3	1 33	16 15	16 10	4 9	3 40	15 56		n.a.
T 14	17 54	16 25	5 0	22 46	1 13	6 10	8 12	22 38	1 11	22 9	0 13	22 41	1 26	23 44	0 30	16 3	1 33	16 14	16 10	4 10	3 42	15 55		n.a.
F 15	17 38	17 58	5 10	22 36	1 21	6 13	8 19	22 31	1 11	22 9	0 13	22 42	1 26	23 44	0 30	16 3	1 33	16 13	16 9	4 12	3 43	15 54		n.a.
S 16	17 21	18 41	5 7	22 23	1 28	6 16	8 26	22 24	1 11	22 9	0 13	22 43	1 26	23 43	0 30	16 3	1 33	16 12	16 9	4 14	3 44	15 53		n.a.
S 17	17 5	18 34	4 50	22 8	1 34	6 21	8 32	22 17	1 11	22 10	0 13	22 44	1 26	23 43	0 30	16 3	1 33	16 11	16 8	4 16	3 46	15 52		n.a.
M18	16 47	17 38	4 21	21 51	1 39	6 27	8 37	22 9	1 11	22 10	0 13	22 45	1 26	23 43	0 30	16 3	1 33	16 10	16 8	4 19	3 47	15 51		n.a.
T 19	16 30	15 56	3 40	21 30	1 43	6 33	8 42	22 2	1 11	22 10	0 13	22 45	1 27	23 42	0 30	16 3	1 33	16 9	16 8	4 22	3 48	15 50		n.a.
W20	16 12	13 33	2 50	21 8	1 47	6 41	8 45	21 54	1 12	22 10	0 13	22 46	1 27	23 42	0 30	16 3	1 33	16 7	16 7	4 24	3 49	15 49		n.a.
T 21	15 54	10 37	1 53	20 43	1 49	6 50	8 47	21 46	1 12	22 11	0 14	22 47	1 27	23 42	0 30	16 4	1 32	16 6	16 7	4 25	3 51	15 48		n.a.
F 22	15 36	7 13	0 50	20 16	1 51	7 0	8 49	21 38	1 12	22 11	0 14	22 48	1 27	23 42	0 30	16 4	1 32	16 5	16 6	4 26	3 52	15 47		n.a.
S 23	15 17	3 30	0s16	19 48	1 51	7 10	8 50	21 30	1 12	22 11	0 14	22 49	1 27	23 41	0 30	16 4	1 32	16 4	16 6	4 26	3 53	15 46		n.a.
S 24	14 58	0n24	1 22	19 17	1 52	7 21	8 49	21 21	1 12	22 12	0 14	22 49	1 27	23 41	0 30	16 4	1 32	16 3	16 6	4 25	3 54	15 45		n.a.
M25	14 39	4 20	2 25	18 45	1 51	7 33	8 48	21 13	1 12	22 12	0 14	22 50	1 27	23 41	0 30	16 4	1 32	16 2	16 5	4 25	3 56	15 44		n.a.
T 26	14 20	8 10	3 23	18 12	1 50	7 46	8 46	21 4	1 13	22 13	0 14	22 51	1 27	23 40	0 30	16 4	1 32	16 1	16 5	4 24	3 57	15 43		n.a.
W27	14 0	11 41	4 12	17 37	1 48	7 59	8 42	20 55	1 13	22 13	0 14	22 52	1 27	23 40	0 30	16 5	1 32	15 59	16 5	4 24	3 58	15 42		n.a.
T 28	13 40	14 43	4 49	17 0	1 46	8 13	8 38	20 46	1 13	22 13	0 14	22 52	1 27	23 40	0 30	16 5	1 32	15 58	16 4	4 24	3 59	15 41		n.a.
F 29	13 20	17 1	5 10	16 23	1 44	8 27	8 33	20 37	1 13	22 14	0 14	22 53	1 27	23 40	0 30	16 5	1 32	15 57	16 4	4 24	4 1	15 40		n.a.
S 30	13 0	18 24	5 14	15 45	1 41	8 42	8 27	20 28	1 13	22 15	0 14	22 54	1 27	23 39	0 30	16 5	1 32	15 56	16 4	4 24	4 2	15 39		n.a.
S 31	12n40	18n37	4s59	15n 5	1n37	8n56	8s21	20n18	1n13	22s15	0s14	22s54	1s27	23n39	0n30	16s 6	1n32	15n55	16n 3	4n25	4n 3	15s38		n.a.

Julian Day Number = 1362959.5, Delta T = 06h57m20s
Ecliptic obliquity = 23°48'35, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°37'29, Lahiri = -17°30'29 Julian Calendar 1 Aug. 982 BCE == Greg. Calendar 23 July 982 BCE

The year -981 astronomical counting style corresponds to year 982 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 982 BCE
geocentric

SEPTEMBER 982 BCE (-981) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 0 34	28♌ 6'34	22♋22	26♌15	13°R22	6♌24	8♐15	24°R49	13♋12	18♏23	26♍55	18°R56	19♍52	5♒54	n.a.	M 1
T 2	22 4 30	29° 6'00	7♌25	28° 0	12♌56	7° 2	8°19	24♑45	13°15	18°24	26°57	18♍54	19°48	6° 1	n.a.	T 2
W 3	22 8 27	0♍ 5'27	22°33	29°45	12°33	7°41	8°23	24°42	13°18	18°25	26°59	18°52	19°45	6° 8	n.a.	W 3
T 4	22 12 23	1° 4'57	7♍36	1♍29	12°11	8°19	8°26	24°39	13°21	18°25	27° 2	18°50	19°42	6°14	n.a.	T 4
F 5	22 16 20	2° 4'29	22°26	3°12	11°52	8°58	8°30	24°36	13°24	18°26	27° 4	18°D50	19°39	6°21	n.a.	F 5
S 6	22 20 16	3° 4'04	6♎56	4°55	11°35	9°36	8°35	24°33	13°27	18°27	27° 6	18°51	19°36	6°28	n.a.	S 6
S 7	22 24 13	4° 3'40	21° 1	6°36	11°20	10°15	8°39	24°30	13°29	18°28	27° 9	18°52	19°33	6°34	n.a.	S 7
M 8	22 28 10	5° 3'18	4♏38	8°17	11° 8	10°53	8°43	24°27	13°32	18°29	27°11	18°53	19°29	6°41	n.a.	M 8
T 9	22 32 6	6° 2'58	17°50	9°58	10°58	11°31	8°48	24°24	13°35	18°30	27°13	18°54	19°26	6°48	n.a.	T 9
W10	22 36 3	7° 2'39	0♐38	11°38	10°50	12°10	8°53	24°21	13°37	18°31	27°15	18°54	19°23	6°54	n.a.	W10
T 11	22 39 59	8° 2'23	13° 6	13°17	10°45	12°48	8°58	24°18	13°40	18°32	27°18	18°R55	19°20	7° 1	n.a.	T 11
F 12	22 43 56	9° 2'09	25°19	14°55	10°43	13°27	9° 3	24°16	13°42	18°33	27°20	18°54	19°17	7° 8	n.a.	F 12
S 13	22 47 52	10° 1'56	7♑20	16°33	10°D42	14° 5	9° 9	24°13	13°45	18°34	27°22	18°53	19°14	7°14	n.a.	S 13
S 14	22 51 49	11° 1'45	19°13	18°10	10°45	14°44	9°14	24°11	13°47	18°35	27°25	18°52	19°10	7°21	n.a.	S 14
M15	22 55 45	12° 1'37	1♒ 3	19°46	10°49	15°22	9°20	24° 8	13°50	18°36	27°27	18°51	19° 7	7°28	n.a.	M15
T 16	22 59 42	13° 1'30	12°54	21°22	10°56	16° 1	9°26	24° 6	13°52	18°37	27°30	18°50	19° 4	7°34	n.a.	T 16
W17	23 3 38	14° 1'25	24°47	22°57	11° 5	16°39	9°32	24° 4	13°54	18°39	27°32	18°50	19° 1	7°41	n.a.	W17
T 18	23 7 35	15° 1'22	6♓45	24°32	11°16	17°18	9°38	24° 2	13°56	18°40	27°34	18°49	18°58	7°48	n.a.	T 18
F 19	23 11 32	16° 1'21	18°51	26° 6	11°30	17°56	9°45	24° 0	13°59	18°41	27°37	18°D49	18°54	7°54	n.a.	F 19
S 20	23 15 28	17° 1'22	1♈ 6	27°39	11°45	18°35	9°51	23°58	14° 1	18°42	27°39	18°49	18°51	8° 1	n.a.	S 20
S 21	23 19 25	18° 1'25	13°32	29°12	12° 3	19°13	9°58	23°56	14° 3	18°44	27°42	18°49	18°48	8° 8	n.a.	S 21
M22	23 23 21	19° 1'30	26° 9	0♎45	12°22	19°52	10° 5	23°55	14° 5	18°45	27°44	18°R49	18°45	8°14	n.a.	M22
T 23	23 27 18	20° 1'38	9♉ 0	2°17	12°44	20°31	10°12	23°53	14° 7	18°46	27°46	18°49	18°42	8°21	n.a.	T 23
W24	23 31 14	21° 1'47	22° 5	3°49	13° 7	21° 9	10°19	23°52	14° 9	18°48	27°49	18°49	18°39	8°28	n.a.	W24
T 25	23 35 11	22° 1'59	5♊26	5°20	13°32	21°48	10°26	23°50	14°11	18°49	27°51	18°49	18°35	8°34	n.a.	T 25
F 26	23 39 7	23° 2'13	19° 5	6°50	13°59	22°26	10°34	23°49	14°13	18°51	27°54	18°D49	18°32	8°41	n.a.	F 26
S 27	23 43 4	24° 2'30	3♋ 0	8°20	14°27	23° 5	10°42	23°48	14°15	18°52	27°56	18°49	18°29	8°48	n.a.	S 27
S 28	23 47 0	25° 2'48	17°13	9°50	14°57	23°43	10°49	23°47	14°17	18°54	27°59	18°49	18°26	8°55	n.a.	S 28
M29	23 50 57	26° 3'09	1♌40	11°19	15°29	24°22	10°57	23°46	14°18	18°55	28° 1	18°50	18°23	9° 1	n.a.	M29
T 30	23 54 54	27♍ 3'32	16♌19	12♎47	16♌ 2	25♌ 1	11♐ 5	23♑45	14♋20	18♏57	28♍ 3	18♍50	18♍19	9♒ 8	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n19	17n35	4s23	14n25	1n33	9n11	8s14	20n 9	1n13	22s16	0s15	22s55	1s27	23n39	0n30	16s 6	1n32	15n54	16n 3	4n27	4n 5	15s37		n.a.
T 2	11 58	15 20	3 29	13 45	1 29	9 26	8 6	19 59	1 14	22 16	0 15	22 56	1 27	23 38	0 30	16 6	1 32	15 52	16 3	4 28	4 6	15 36		n.a.
W 3	11 37	12 0	2 20	13 3	1 25	9 41	7 57	19 49	1 14	22 17	0 15	22 56	1 27	23 38	0 30	16 6	1 32	15 51	16 3	4 28	4 7	15 35		n.a.
T 4	11 15	7 54	1 2	12 21	1 20	9 55	7 48	19 39	1 14	22 18	0 15	22 57	1 27	23 38	0 30	16 7	1 32	15 50	16 2	4 29	4 8	15 34		n.a.
F 5	10 54	3 21	0n20	11 39	1 15	10 10	7 38	19 29	1 14	22 19	0 15	22 57	1 27	23 38	0 30	16 7	1 32	15 49	16 2	4 29	4 10	15 33		n.a.
S 6	10 32	1s17	1 39	10 56	1 10	10 24	7 28	19 19	1 14	22 19	0 15	22 58	1 27	23 37	0 30	16 7	1 32	15 48	16 2	4 29	4 11	15 32		n.a.
S 7	10 10	5 43	2 49	10 13	1 4	10 38	7 17	19 8	1 14	22 20	0 15	22 58	1 27	23 37	0 30	16 8	1 31	15 47	16 2	4 28	4 12	15 31		n.a.
M 8	9 48	9 42	3 47	9 29	0 58	10 52	7 6	18 58	1 14	22 21	0 15	22 59	1 27	23 37	0 31	16 8	1 31	15 46	16 1	4 28	4 13	15 30		n.a.
T 9	9 26	13 4	4 32	8 45	0 52	11 6	6 55	18 47	1 14	22 22	0 15	22 59	1 27	23 37	0 31	16 8	1 31	15 45	16 1	4 27	4 15	15 29		n.a.
W10	9 4	15 41	5 1	8 2	0 46	11 19	6 44	18 36	1 14	22 23	0 15	23 0	1 26	23 36	0 31	16 9	1 31	15 43	16 1	4 27	4 16	15 28		n.a.
T 11	8 41	17 30	5 16	7 17	0 40	11 32	6 32	18 25	1 15	22 23	0 15	23 0	1 26	23 36	0 31	16 9	1 31	15 42	16 1	4 27	4 17	15 27		n.a.
F 12	8 18	18 29	5 15	6 33	0 34	11 44	6 20	18 14	1 15	22 24	0 16	23 1	1 26	23 36	0 31	16 9	1 31	15 41	16 1	4 27	4 18	15 26		n.a.
S 13	7 55	18 36	5 1	5 49	0 28	11 55	6 8	18 3	1 15	22 25	0 16	23 1	1 26	23 36	0 31	16 10	1 31	15 40	16 0	4 28	4 20	15 25		n.a.
S 14	7 32	17 53	4 34	5 5	0 21	12 6	5 56	17 52	1 15	22 26	0 16	23 2	1 26	23 36	0 31	16 10	1 31	15 39	16 0	4 28	4 21	15 24		n.a.
M15	7 9	16 24	3 55	4 20	0 15	12 17	5 43	17 40	1 15	22 27	0 16	23 2	1 26	23 35	0 31	16 10	1 31	15 38	16 0	4 29	4 22	15 23		n.a.
T 16	6 46	14 13	3 7	3 36	0 8	12 27	5 31	17 29	1 15	22 28	0 16	23 2	1 26	23 35	0 31	16 11	1 31	15 37	16 0	4 29	4 23	15 22		n.a.
W17	6 23	11 26	2 10	2 52	0 1	12 36	5 19	17 17	1 15	22 29	0 16	23 3	1 26	23 35	0 31	16 11	1 31	15 36	16 0	4 29	4 25	15 21		n.a.
T 18	5 59	8 8	1 7	2 8	0s 5	12 45	5 7	17 5	1 15	22 30	0 16	23 3	1 26	23 35	0 31	16 11	1 31	15 34	16 0	4 29	4 26	15 20		n.a.
F 19	5 36	4 29	0s 0	1 24	0 12	12 53	4 54	16 53	1 15	22 31	0 16	23 3	1 26	23 34	0 31	16 12	1 31	15 33	15 59	4 29	4 27	15 19		n.a.
S 20	5 12	0 35	1 8	0 40	0 19	13 1	4 42	16 41	1 15	22 32	0 16	23 4	1 26	23 34	0 31	16 12	1 31	15 32	15 59	4 29	4 29	15 17		n.a.
S 21	4 48	3n23	2 13	0s 4	0 25	13 8	4 30	16 29	1 16	22 33	0 16	23 4	1 26	23 34	0 31	16 13	1 31	15 31	15 59	4 29	4 30	15 16		n.a.
M22	4 24	7 15	3 13	0 48	0 32	13 14	4 18	16 17	1 16	22 35	0 16	23 4	1 26	23 34	0 31	16 13	1 31	15 30	15 59	4 29	4 31	15 15		n.a.
T 23	4 1	10 52	4 4	1 31	0 39	13 19	4 6	16 4	1 16	22 36	0 16	23 4	1 26	23 34	0 31	16 13	1 31	15 29	15 59	4 29	4 32	15 14		n.a.
W24	3 37	14 0	4 44	2 14	0 45	13 24	3 54	15 52	1 16	22 37	0 17	23 4	1 26	23 34	0 31	16 14	1 31	15 28	15 59	4 29	4 34	15 13		n.a.
T 25	3 12	16 28	5 9	2 57	0 52	13 28	3 43	15 39	1 16	22 38	0 17	23 5	1 26	23 33	0 31	16 14	1 31	15 27	15 59	4 30	4 35	15 12		n.a.
F 26	2 48	18 5	5 18	3 39	0 59	13 31	3 31	15 26	1 16	22 39	0 17	23 5	1 26	23 33	0 31	16 15	1 30	15 26	15 59	4 30	4 36	15 11		n.a.
S 27	2 24	18 39	5 8	4 21	1 5	13 34	3 20	15 14	1 16	22 40	0 17	23 5	1 26	23 33	0 31	16 15	1 30	15 25	15 59	4 30	4 37	15 10		n.a.
S 28	2 0	18 4	4 40	5 3	1 11	13 36	3 9	15 1	1 16	22 42	0 17	23 5	1 26	23 33	0 31	16 16	1 30	15 24	15 59	4 29	4 39	15 9		n.a.
M29	1 36	16 18	3 53	5 44	1 18	13 37	2 58	14 48	1 16	22 43	0 17	23 5	1 26	23 33	0 31	16 16	1 30	15 23	15 58	4 29	4 40	15 8		n.a.
T 30	1n11	13n28	2s51	6s25	1s24	13n37	2s47	14n35	1n16	22s44	0s17	23s 5	1s26	23n33	0n31	16s17	1n30	15n22	15n58	4n29	4n41	15s 7		n.a.

Julian Day Number = 1362990.5, Delta T = 06h57m18s
Ecliptic obliquity = 23°48'35, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°37'25, Lahiri = -17°30'25 Julian Calendar 1 Sept. 982 BCE == Greg. Calendar 23 Aug. 982 BCE

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ASTRODIENST EPHEMERIS for the year 982 BCE
geocentric

OCTOBER 982 BCE (-981) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 58 50	28♍ 3'57	1♍ 4	14♎16	16♌37	25♌39	11♐13	23°R44	14♋22	18♏58	28♍ 6	18♍51	18♍16	9♒15	n.a.	W 1
T 2	0 2 47	29° 4'24	15°49	15°43	17°13	26°18	11°22	23♑44	14°23	19° 0	28° 8	18°R51	18°13	9°21	n.a.	T 2
F 3	0 6 43	0♎ 4'53	0♎26	17°10	17°50	26°57	11°30	23°43	14°25	19° 1	28°11	18°51	18°10	9°28	n.a.	F 3
S 4	0 10 40	1° 5'23	14°50	18°36	18°29	27°35	11°39	23°43	14°26	19° 3	28°13	18°50	18° 7	9°35	n.a.	S 4
S 5	0 14 36	2° 5'56	28°54	20° 2	19° 9	28°14	11°48	23°42	14°28	19° 5	28°16	18°49	18° 4	9°41	n.a.	S 5
M 6	0 18 33	3° 6'29	12♏36	21°27	19°50	28°53	11°57	23°42	14°29	19° 6	28°18	18°47	18° 0	9°48	n.a.	M 6
T 7	0 22 29	4° 7'05	25°53	22°51	20°32	29°31	12° 6	23°42	14°30	19° 8	28°20	18°45	17°57	9°55	n.a.	T 7
W 8	0 26 26	5° 7'42	8♐46	24°15	21°15	0♍10	12°15	23°D42	14°32	19°10	28°23	18°43	17°54	10° 1	n.a.	W 8
T 9	0 30 23	6° 8'20	21°18	25°37	22° 0	0°49	12°24	23°42	14°33	19°12	28°25	18°41	17°51	10° 8	n.a.	T 9
F 10	0 34 19	7° 9'00	3♑33	26°59	22°45	1°27	12°34	23°42	14°34	19°13	28°28	18°D41	17°48	10°15	n.a.	F 10
S 11	0 38 16	8° 9'41	15°34	28°20	23°31	2° 6	12°43	23°43	14°35	19°15	28°30	18°41	17°45	10°21	n.a.	S 11
S 12	0 42 12	9°10'23	27°27	29°39	24°19	2°45	12°53	23°43	14°36	19°17	28°33	18°42	17°41	10°28	n.a.	S 12
M13	0 46 9	10°11'07	9♒17	0♏57	25° 7	3°24	13° 2	23°44	14°37	19°19	28°35	18°43	17°38	10°35	n.a.	M13
T 14	0 50 5	11°11'52	21° 7	2°13	25°56	4° 2	13°12	23°44	14°38	19°21	28°37	18°45	17°35	10°41	n.a.	T 14
W15	0 54 2	12°12'38	3♓ 3	3°27	26°46	4°41	13°22	23°45	14°39	19°23	28°40	18°47	17°32	10°48	n.a.	W15
T 16	0 57 58	13°13'25	15° 8	4°40	27°36	5°20	13°33	23°46	14°40	19°25	28°42	18°R48	17°29	10°55	n.a.	T 16
F 17	1 1 55	14°14'14	27°25	5°50	28°28	5°58	13°43	23°47	14°41	19°27	28°45	18°47	17°25	11° 1	n.a.	F 17
S 18	1 5 52	15°15'04	9♈55	6°58	29°20	6°37	13°53	23°48	14°42	19°28	28°47	18°46	17°22	11° 8	n.a.	S 18
S 19	1 9 48	16°15'55	22°40	8° 3	0♍13	7°16	14° 4	23°49	14°42	19°30	28°49	18°43	17°19	11°15	n.a.	S 19
M20	1 13 45	17°16'48	5♉40	9° 4	1° 7	7°55	14°14	23°50	14°43	19°32	28°52	18°39	17°16	11°21	n.a.	M20
T 21	1 17 41	18°17'42	18°54	10° 1	2° 1	8°34	14°25	23°52	14°43	19°34	28°54	18°34	17°13	11°28	n.a.	T 21
W22	1 21 38	19°18'38	2♊21	10°55	2°56	9°12	14°36	23°53	14°44	19°36	28°56	18°29	17°10	11°35	n.a.	W22
T 23	1 25 34	20°19'35	15°59	11°43	3°52	9°51	14°46	23°55	14°44	19°38	28°59	18°24	17° 6	11°41	n.a.	T 23
F 24	1 29 31	21°20'33	29°48	12°26	4°49	10°30	14°57	23°57	14°45	19°40	29° 1	18°21	17° 3	11°48	n.a.	F 24
S 25	1 33 27	22°21'33	13♋45	13° 2	5°45	11° 9	15° 9	23°58	14°45	19°43	29° 3	18°19	17° 0	11°55	n.a.	S 25
S 26	1 37 24	23°22'35	27°49	13°31	6°43	11°48	15°20	24° 0	14°45	19°45	29° 6	18°D19	16°57	12° 1	n.a.	S 26
M27	1 41 21	24°23'38	12♌ 0	13°53	7°41	12°26	15°31	24° 2	14°46	19°47	29° 8	18°20	16°54	12° 8	n.a.	M27
T 28	1 45 17	25°24'42	26°15	14° 5	8°40	13° 5	15°42	24° 4	14°46	19°49	29°10	18°21	16°50	12°15	n.a.	T 28
W29	1 49 14	26°25'48	10♍32	14°R 8	9°39	13°44	15°54	24° 7	14°46	19°51	29°12	18°23	16°47	12°21	n.a.	W29
T 30	1 53 10	27°26'54	24°48	14° 1	10°38	14°23	16° 5	24° 9	14°46	19°53	29°15	18°R23	16°44	12°28	n.a.	T 30
F 31	1 57 7	28♎28'02	9♎ 0	13♏43	11♍38	15♍ 2	16♐17	24♑11	14°R46	19♏55	29♍17	18♍21	16♍41	12♒35	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	0n47	9n45	1s37	7s 5	1s30	13n37	2s36	14n22	1n16	22s45	0s17	23s 5	1s25	23n32	0n31	16s17	1n30	15n21	15n58	4n29	4n42	15s 6			n.a.
T 2	0 22	5 25	0 17	7 45	1 36	13 36	2 26	14 8	1 16	22 46	0 17	23 5	1 25	23 32	0 31	16 18	1 30	15 20	15 58	4 29	4 44	15 4			n.a.
F 3	0s 2	0 48	1n 4	8 24	1 42	13 35	2 15	13 55	1 16	22 48	0 17	23 5	1 25	23 32	0 31	16 18	1 30	15 19	15 58	4 29	4 45	15 3			n.a.
S 4	0 26	3s48	2 19	9 3	1 47	13 32	2 5	13 41	1 16	22 49	0 17	23 5	1 25	23 32	0 31	16 19	1 30	15 18	15 58	4 29	4 46	15 2			n.a.
S 5	0 51	8 4	3 24	9 41	1 53	13 29	1 55	13 28	1 16	22 50	0 17	23 5	1 25	23 32	0 31	16 19	1 30	15 17	15 58	4 30	4 47	15 1			n.a.
M 6	1 15	11 48	4 16	10 18	1 58	13 26	1 45	13 14	1 16	22 52	0 17	23 5	1 25	23 32	0 31	16 20	1 30	15 16	15 58	4 30	4 49	15 0			n.a.
T 7	1 40	14 48	4 52	10 55	2 3	13 21	1 36	13 0	1 17	22 53	0 18	23 5	1 25	23 32	0 31	16 20	1 30	15 15	15 58	4 31	4 50	14 59			n.a.
W 8	2 4	16 59	5 12	11 31	2 7	13 16	1 27	12 47	1 17	22 54	0 18	23 5	1 25	23 32	0 32	16 21	1 30	15 14	15 58	4 32	4 51	14 58			n.a.
T 9	2 28	18 16	5 16	12 6	2 12	13 11	1 17	12 33	1 17	22 55	0 18	23 5	1 25	23 31	0 32	16 21	1 30	15 13	15 58	4 32	4 53	14 57			n.a.
F 10	2 53	18 40	5 6	12 40	2 16	13 4	1 8	12 19	1 17	22 57	0 18	23 5	1 25	23 31	0 32	16 22	1 30	15 12	15 58	4 33	4 54	14 55			n.a.
S 11	3 17	18 13	4 42	13 13	2 20	12 57	1 0	12 5	1 17	22 58	0 18	23 5	1 25	23 31	0 32	16 22	1 30	15 11	15 59	4 33	4 55	14 54			n.a.
S 12	3 41	16 58	4 7	13 45	2 23	12 49	0 51	11 51	1 17	22 59	0 18	23 5	1 25	23 31	0 32	16 23	1 30	15 10	15 59	4 32	4 56	14 53			n.a.
M13	4 6	14 59	3 21	14 16	2 26	12 41	0 43	11 36	1 17	23 1	0 18	23 5	1 25	23 31	0 32	16 23	1 30	15 9	15 59	4 32	4 58	14 52			n.a.
T 14	4 30	12 22	2 27	14 45	2 29	12 32	0 34	11 22	1 17	23 2	0 18	23 5	1 25	23 31	0 32	16 24	1 30	15 8	15 59	4 31	4 59	14 51			n.a.
W15	4 54	9 13	1 26	15 13	2 31	12 22	0 26	11 8	1 17	23 3	0 18	23 4	1 25	23 31	0 32	16 24	1 30	15 8	15 59	4 30	5 0	14 50			n.a.
T 16	5 18	5 38	0 20	15 40	2 33	12 12	0 19	10 53	1 17	23 5	0 18	23 4	1 24	23 31	0 32	16 25	1 30	15 7	15 59	4 30	5 1	14 49			n.a.
F 17	5 42	1 46	0s47	16 5	2 34	12 1	0 11	10 39	1 17	23 6	0 18	23 4	1 24	23 31	0 32	16 26	1 30	15 6	15 59	4 30	5 3	14 48			n.a.
S 18	6 6	2n15	1 54	16 28	2 34	11 50	0 3	10 24	1 17	23 7	0 18	23 4	1 24	23 31	0 32	16 26	1 30	15 5	15 59	4 31	5 4	14 46			n.a.
S 19	6 30	6 15	2 55	16 50	2 34	11 38	0n 4	10 10	1 17	23 9	0 18	23 3	1 24	23 31	0 32	16 27	1 29	15 4	15 59	4 32	5 5	14 45			n.a.
M20	6 53	10 1	3 49	17 9	2 33	11 25	0 11	9 55	1 17	23 10	0 18	23 3	1 24	23 31	0 32	16 27	1 29	15 3	15 59	4 34	5 6	14 44			n.a.
T 21	7 17	13 21	4 32	17 26	2 31	11 12	0 18	9 40	1 17	23 11	0 19	23 3	1 24	23 31	0 32	16 28	1 29	15 2	16 0	4 36	5 8	14 43			n.a.
W22	7 40	16 3	5 0	17 41	2 29	10 58	0 24	9 25	1 17	23 13	0 19	23 2	1 24	23 31	0 32	16 28	1 29	15 2	16 0	4 38	5 9	14 42			n.a.
T 23	8 4	17 53	5 12	17 53	2 25	10 43	0 31	9 10	1 17	23 14	0 19	23 2	1 24	23 31	0 32	16 29	1 29	15 1	16 0	4 39	5 10	14 41			n.a.
F 24	8 27	18 42	5 6	18 1	2 20	10 28	0 37	8 55	1 17	23 15	0 19	23 2	1 24	23 31	0 32	16 30	1 29	15 0	16 0	4 41	5 11	14 40			n.a.
S 25	8 50	18 24	4 42	18 7	2 14	10 13	0 43	8 40	1 17	23 17	0 19	23 1	1 24	23 31	0 32	16 30	1 29	14 59	16 0	4 41	5 13	14 38			n.a.
S 26	9 13	16 59	4 1	18 9	2 7	9 57	0 49	8 25	1 17	23 18	0 19	23 1	1 24	23 31	0 32	16 31	1 29	14 59	16 0	4 41	5 14	14 37			n.a.
M27	9 36	14 30	3 5	18 8	1 59	9 40	0 55	8 10	1 17	23 19	0 19	23 0	1 24	23 31	0 32	16 31	1 29	14 58	16 1	4 41	5 15	14 36			n.a.
T 28	9 59	11 7	1 58	18 2	1 49	9 23	1 1	7 55	1 17	23 21	0 19	23 0	1 24	23 31	0 32	16 32	1 29	14 57	16 1	4 40	5 16	14 35			n.a.
W29	10 21	7 5	0 43	17 52	1 37	9 5	1 6	7 40	1 16	23 22	0 19	22 59	1 24	23 31	0 32	16 33	1 29	14 56	16 1	4 40	5 18	14 34			n.a.
T 30	10 43	2 38	0n35	17 38	1 24	8 47	1 11	7 25	1 16	23 23	0 19	22 59	1 23	23 31	0 32	16 33	1 29	14 56	16 1	4 40	5 19	14 33			n.a.
F 31	11s 6	1s57	1n50	17s18	1s 9	8n29	1n16	7n 9	1n16	23s25	0s19	22s59	1s23	23n31	0n32	16s34	1n29	14n55	16n 1	4n41	5n20	14s31			n.a.

Julian Day Number = 1363020.5, Delta T = 06h57m17s
Ecliptic obliquity = 23°48'36, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°37'21, Lahiri = -17°30'21 Julian Calendar 1 Oct. 982 BCE == Greg. Calendar 22 Sept. 982 BCE

The year -981 astronomical counting style corresponds to year 982 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 982 BCE
geocentric

NOVEMBER 982 BCE (-981) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 1 3	29♎29'11	23♎ 4	13°R14	12♍39	15♍41	16♐29	24♑14	14°R46	19♏57	29♍19	18°R17	16♍38	12♒41	n.a.	S 1
S 2	2 5 0	0♏30'21	6♏54	12♏33	13°40	16°20	16°41	24°17	14♋46	19°59	29°21	18♍11	16°35	12°48	n.a.	S 2
M 3	2 8 56	1°31'32	20°27	11°42	14°41	16°59	16°53	24°19	14°46	20° 2	29°23	18° 4	16°31	12°55	n.a.	M 3
T 4	2 12 53	2°32'43	3♐40	10°40	15°43	17°37	17° 5	24°22	14°45	20° 4	29°25	17°55	16°28	13° 1	n.a.	T 4
W 5	2 16 50	3°33'55	16°33	9°30	16°45	18°16	17°17	24°25	14°45	20° 6	29°28	17°47	16°25	13° 8	n.a.	W 5
T 6	2 20 46	4°35'08	29° 7	8°13	17°48	18°55	17°29	24°28	14°45	20° 8	29°30	17°40	16°22	13°15	n.a.	T 6
F 7	2 24 43	5°36'21	11♑23	6°51	18°51	19°34	17°41	24°31	14°44	20°10	29°32	17°35	16°19	13°21	n.a.	F 7
S 8	2 28 39	6°37'34	23°25	5°28	19°54	20°13	17°54	24°34	14°44	20°13	29°34	17°32	16°16	13°28	n.a.	S 8
S 9	2 32 36	7°38'48	5♒18	4° 7	20°58	20°52	18° 6	24°38	14°43	20°15	29°36	17°D31	16°12	13°35	n.a.	S 9
M10	2 36 32	8°40'02	17° 7	2°49	22° 2	21°31	18°18	24°41	14°43	20°17	29°38	17°31	16° 9	13°41	n.a.	M10
T 11	2 40 29	9°41'17	28°57	1°38	23° 6	22°10	18°31	24°45	14°42	20°19	29°40	17°32	16° 6	13°48	n.a.	T 11
W12	2 44 25	10°42'31	10♓54	0°35	24°10	22°49	18°44	24°48	14°42	20°22	29°42	17°33	16° 3	13°55	n.a.	W12
T 13	2 48 22	11°43'46	23° 2	29♎41	25°15	23°28	18°56	24°52	14°41	20°24	29°44	17°R34	16° 0	14° 1	n.a.	T 13
F 14	2 52 19	12°45'01	5♈26	28°58	26°20	24° 6	19° 9	24°56	14°40	20°26	29°46	17°32	15°56	14° 8	n.a.	F 14
S 15	2 56 15	13°46'17	18° 8	28°26	27°26	24°45	19°22	24°59	14°39	20°28	29°48	17°28	15°53	14°15	n.a.	S 15
S 16	3 0 12	14°47'32	1♉11	28° 5	28°32	25°24	19°35	25° 3	14°38	20°31	29°50	17°21	15°50	14°21	n.a.	S 16
M17	3 4 8	15°48'48	14°34	27°55	29°38	26° 3	19°48	25° 7	14°37	20°33	29°51	17°12	15°47	14°28	n.a.	M17
T 18	3 8 5	16°50'04	28°14	27°D54	0♎44	26°42	20° 1	25°11	14°37	20°35	29°53	17° 2	15°44	14°35	n.a.	T 18
W19	3 12 1	17°51'20	12♊10	28° 3	1°50	27°21	20°14	25°16	14°35	20°37	29°55	16°51	15°41	14°41	n.a.	W19
T 20	3 15 58	18°52'37	26°15	28°20	2°57	28° 0	20°27	25°20	14°34	20°40	29°57	16°41	15°37	14°48	n.a.	T 20
F 21	3 19 54	19°53'54	10♋26	28°45	4° 4	28°39	20°40	25°24	14°33	20°42	29°59	16°33	15°34	14°55	n.a.	F 21
S 22	3 23 51	20°55'11	24°39	29°17	5°11	29°18	20°53	25°29	14°32	20°44	0♎ 0	16°28	15°31	15° 1	n.a.	S 22
S 23	3 27 48	21°56'29	8♌50	29°56	6°19	29°57	21° 7	25°33	14°31	20°46	0° 2	16°25	15°28	15° 8	n.a.	S 23
M24	3 31 44	22°57'47	22°57	0♏40	7°26	0♎36	21°20	25°38	14°30	20°49	0° 4	16°D24	15°25	15°15	n.a.	M24
T 25	3 35 41	23°59'05	6♍59	1°29	8°34	1°15	21°33	25°43	14°28	20°51	0° 5	16°25	15°22	15°21	n.a.	T 25
W26	3 39 37	25° 0'23	20°56	2°22	9°42	1°54	21°47	25°47	14°27	20°53	0° 7	16°R25	15°18	15°28	n.a.	W26
T 27	3 43 34	26° 1'42	4♎47	3°20	10°51	2°33	22° 0	25°52	14°25	20°56	0° 9	16°23	15°15	15°35	n.a.	T 27
F 28	3 47 30	27° 3'01	18°31	4°21	11°59	3°12	22°14	25°57	14°24	20°58	0°10	16°20	15°12	15°41	n.a.	F 28
S 29	3 51 27	28° 4'19	2♏ 8	5°25	13° 8	3°51	22°27	26° 2	14°22	21° 0	0°12	16°13	15° 9	15°48	n.a.	S 29
S 30	3 55 24	29♏ 5'38	15♏34	6♏31	14♎16	4♎30	22♐41	26♑ 7	14♋21	21♏ 2	0♎13	16♍ 3	15♍ 6	15♒55	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s28	6s22	2n57	16s54	0s53	8n10	1n21	6n54	1n16	23s26	0s19	22s58	1s23	23n31	0n32	16s34	1n29	14n54	16n 2	4n42	5n21	14s30		n.a.
S 2	11 50	10 22	3 53	16 24	0 36	7 50	1 26	6 39	1 16	23 27	0 19	22 57	1 23	23 31	0 32	16 35	1 29	14 54	16 2	4 45	5 23	14 29		n.a.
M 3	12 11	13 44	4 34	15 50	0 17	7 31	1 31	6 23	1 16	23 29	0 20	22 57	1 23	23 31	0 32	16 36	1 29	14 53	16 2	4 47	5 24	14 28		n.a.
T 4	12 33	16 19	4 59	15 12	0n 3	7 10	1 35	6 8	1 16	23 30	0 20	22 56	1 23	23 31	0 33	16 36	1 29	14 52	16 2	4 51	5 25	14 27		n.a.
W 5	12 54	18 0	5 8	14 30	0 23	6 50	1 39	5 52	1 16	23 31	0 20	22 56	1 23	23 31	0 33	16 37	1 29	14 52	16 3	4 54	5 26	14 25		n.a.
T 6	13 15	18 46	5 2	13 46	0 44	6 28	1 43	5 37	1 16	23 32	0 20	22 55	1 23	23 31	0 33	16 37	1 29	14 51	16 3	4 57	5 28	14 24		n.a.
F 7	13 36	18 37	4 43	13 0	1 4	6 7	1 47	5 21	1 16	23 34	0 20	22 54	1 23	23 31	0 33	16 38	1 29	14 51	16 3	4 59	5 29	14 23		n.a.
S 8	13 56	17 38	4 10	12 14	1 24	5 45	1 51	5 6	1 16	23 35	0 20	22 54	1 23	23 31	0 33	16 39	1 29	14 50	16 4	5 0	5 30	14 22		n.a.
S 9	14 16	15 53	3 28	11 30	1 42	5 23	1 54	4 50	1 16	23 36	0 20	22 53	1 23	23 31	0 33	16 39	1 29	14 50	16 4	5 0	5 31	14 21		n.a.
M10	14 37	13 28	2 37	10 48	1 58	5 0	1 58	4 34	1 16	23 37	0 20	22 52	1 23	23 32	0 33	16 40	1 29	14 49	16 4	5 0	5 33	14 19		n.a.
T 11	14 56	10 29	1 39	10 9	2 12	4 38	2 1	4 19	1 16	23 38	0 20	22 52	1 23	23 32	0 33	16 41	1 29	14 48	16 4	5 0	5 34	14 18		n.a.
W12	15 16	7 2	0 36	9 36	2 25	4 14	2 4	4 3	1 15	23 40	0 20	22 51	1 23	23 32	0 33	16 41	1 29	14 48	16 5	4 59	5 35	14 17		n.a.
T 13	15 35	3 15	0s29	9 7	2 35	3 51	2 7	3 47	1 15	23 41	0 20	22 50	1 22	23 32	0 33	16 42	1 29	14 47	16 5	4 59	5 36	14 16		n.a.
F 14	15 54	0n45	1 35	8 45	2 43	3 27	2 9	3 31	1 15	23 42	0 20	22 50	1 22	23 32	0 33	16 42	1 29	14 47	16 5	5 0	5 38	14 15		n.a.
S 15	16 13	4 49	2 36	8 28	2 48	3 3	2 12	3 16	1 15	23 43	0 20	22 49	1 22	23 32	0 33	16 43	1 29	14 47	16 6	5 2	5 39	14 13		n.a.
S 16	16 31	8 46	3 32	8 17	2 52	2 39	2 14	3 0	1 15	23 44	0 21	22 48	1 22	23 32	0 33	16 44	1 29	14 46	16 6	5 4	5 40	14 12		n.a.
M17	16 50	12 22	4 17	8 11	2 54	2 14	2 17	2 44	1 15	23 45	0 21	22 47	1 22	23 32	0 33	16 44	1 29	14 46	16 6	5 8	5 41	14 11		n.a.
T 18	17 7	15 24	4 48	8 11	2 54	1 49	2 19	2 28	1 15	23 46	0 21	22 46	1 22	23 33	0 33	16 45	1 29	14 45	16 7	5 12	5 43	14 10		n.a.
W19	17 25	17 36	5 3	8 15	2 53	1 24	2 21	2 12	1 15	23 47	0 21	22 46	1 22	23 33	0 33	16 45	1 29	14 45	16 7	5 16	5 44	14 9		n.a.
T 20	17 42	18 46	5 0	8 23	2 51	0 59	2 23	1 57	1 14	23 48	0 21	22 45	1 22	23 33	0 33	16 46	1 29	14 45	16 8	5 20	5 45	14 7		n.a.
F 21	17 59	18 46	4 38	8 35	2 48	0 34	2 24	1 41	1 14	23 49	0 21	22 44	1 22	23 33	0 33	16 47	1 29	14 44	16 8	5 23	5 46	14 6		n.a.
S 22	18 16	17 36	3 59	8 50	2 44	0 8	2 26	1 25	1 14	23 50	0 21	22 43	1 22	23 33	0 33	16 47	1 29	14 44	16 8	5 25	5 48	14 5		n.a.
S 23	18 32	15 20	3 6	9 9	2 39	0s18	2 27	1 9	1 14	23 51	0 21	22 42	1 22	23 33	0 33	16 48	1 29	14 43	16 9	5 26	5 49	14 4		n.a.
M24	18 48	12 10	2 2	9 29	2 33	0 44	2 29	0 53	1 14	23 52	0 21	22 41	1 22	23 34	0 33	16 49	1 29	14 43	16 9	5 27	5 50	14 2		n.a.
T 25	19 4	8 19	0 50	9 52	2 27	1 10	2 30	0 37	1 14	23 53	0 21	22 40	1 22	23 34	0 33	16 49	1 29	14 43	16 10	5 27	5 51	14 1		n.a.
W26	19 19	4 1	0n24	10 17	2 21	1 36	2 31	0 21	1 14	23 54	0 21	22 39	1 22	23 34	0 33	16 50	1 29	14 43	16 10	5 27	5 53	14 0		n.a.
T 27	19 34	0s28	1 36	10 43	2 14	2 2	2 31	0 5	1 13	23 55	0 21	22 38	1 22	23 34	0 33	16 50	1 29	14 42	16 10	5 27	5 54	13 59		n.a.
F 28	19 48	4 53	2 42	11 11	2 7	2 29	2 32	0s10	1 13	23 56	0 22	22 37	1 22	23 34	0 33	16 51	1 29	14 42	16 11	5 29	5 55	13 57		n.a.
S 29	20 2	9 0	3 37	11 39	1 59	2 55	2 33	0 26	1 13	23 57	0 22	22 36	1 22	23 34	0 33	16 52	1 29	14 42	16 11	5 31	5 56	13 56		n.a.
S 30	20s16	12s36	4n20	12s 9	1n52	3s22	2n33	0s42	1n13	23s58	0s22	22s35	1s22	23n35	0n33	16s52	1n29	14n42	16n12	5n35	5n58	13s55		n.a.

Julian Day Number = 1363051.5, Delta T = 06h57m15s
Ecliptic obliquity = 23°48'36, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°37'17, Lahiri = -17°30'16 Julian Calendar 1 Nov. 982 BCE == Greg. Calendar 23 Oct. 982 BCE

The year -981 astronomical counting style corresponds to year 982 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 982 BCE
geocentric

DECEMBER 982 BCE (-981) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 59 20	0♐ 6'56	28♏48	7♏40	15♎25	5♎ 9	22♐55	26♑12	14°R19	21♏ 5	0♎15	15°R51	15♍ 2	16♒ 1	n.a.	M 1
T 2	4 3 17	1° 8'15	11♐47	8°52	16°35	5°48	23° 8	26°18	14♋18	21° 7	0°16	15♍37	14°59	16° 8	n.a.	T 2
W 3	4 7 13	2° 9'32	24°31	10° 5	17°44	6°27	23°22	26°23	14°16	21° 9	0°18	15°24	14°56	16°15	n.a.	W 3
T 4	4 11 10	3°10'50	6♑59	11°20	18°53	7° 6	23°36	26°28	14°14	21°11	0°19	15°12	14°53	16°21	n.a.	T 4
F 5	4 15 6	4°12'06	19°12	12°37	20° 3	7°45	23°50	26°34	14°12	21°14	0°20	15° 1	14°50	16°28	n.a.	F 5
S 6	4 19 3	5°13'22	1♒13	13°55	21°12	8°24	24° 4	26°39	14°10	21°16	0°22	14°54	14°47	16°35	n.a.	S 6
S 7	4 22 59	6°14'37	13° 5	15°15	22°22	9° 3	24°18	26°45	14° 9	21°18	0°23	14°50	14°43	16°41	n.a.	S 7
M 8	4 26 56	7°15'52	24°53	16°35	23°32	9°42	24°31	26°51	14° 7	21°20	0°24	14°48	14°40	16°48	n.a.	M 8
T 9	4 30 53	8°17'05	6♓42	17°57	24°42	10°21	24°45	26°56	14° 5	21°22	0°26	14°47	14°37	16°55	n.a.	T 9
W10	4 34 49	9°18'18	18°37	19°20	25°52	11° 0	24°59	27° 2	14° 3	21°25	0°27	14°47	14°34	17° 1	n.a.	W10
T 11	4 38 46	10°19'30	0♈44	20°43	27° 2	11°39	25°13	27° 8	14° 1	21°27	0°28	14°46	14°31	17° 8	n.a.	T 11
F 12	4 42 42	11°20'40	13° 9	22° 8	28°13	12°18	25°27	27°14	13°59	21°29	0°29	14°44	14°27	17°15	n.a.	F 12
S 13	4 46 39	12°21'50	25°55	23°33	29°23	12°57	25°42	27°20	13°57	21°31	0°30	14°39	14°24	17°21	n.a.	S 13
S 14	4 50 35	13°22'59	9♉ 6	25° 0	0♏34	13°36	25°56	27°26	13°54	21°33	0°31	14°31	14°21	17°28	n.a.	S 14
M15	4 54 32	14°24'06	22°43	26°27	1°44	14°15	26°10	27°32	13°52	21°35	0°32	14°21	14°18	17°35	n.a.	M15
T 16	4 58 28	15°25'13	6♊43	27°54	2°55	14°54	26°24	27°38	13°50	21°37	0°33	14° 8	14°15	17°41	n.a.	T 16
W17	5 2 25	16°26'19	21° 4	29°23	4° 6	15°32	26°38	27°44	13°48	21°40	0°34	13°56	14°12	17°48	n.a.	W17
T 18	5 6 22	17°27'24	5♋37	0♐52	5°17	16°11	26°52	27°50	13°46	21°42	0°35	13°44	14° 8	17°55	n.a.	T 18
F 19	5 10 18	18°28'28	20°17	2°22	6°28	16°50	27° 6	27°57	13°43	21°44	0°36	13°34	14° 5	18° 1	n.a.	F 19
S 20	5 14 15	19°29'31	4♌55	3°52	7°39	17°29	27°21	28° 3	13°41	21°46	0°37	13°27	14° 2	18° 8	n.a.	S 20
S 21	5 18 11	20°30'34	19°26	5°23	8°50	18° 8	27°35	28° 9	13°39	21°48	0°38	13°23	13°59	18°15	n.a.	S 21
M22	5 22 8	21°31'35	3♍45	6°55	10° 2	18°47	27°49	28°16	13°36	21°50	0°39	13°22	13°56	18°21	n.a.	M22
T 23	5 26 4	22°32'36	17°50	8°27	11°13	19°26	28° 3	28°22	13°34	21°52	0°39	13°21	13°53	18°28	n.a.	T 23
W24	5 30 1	23°33'36	1♎42	10° 0	12°25	20° 5	28°17	28°29	13°32	21°54	0°40	13°21	13°49	18°35	n.a.	W24
T 25	5 33 58	24°34'35	15°20	11°34	13°36	20°44	28°32	28°35	13°29	21°56	0°41	13°20	13°46	18°41	n.a.	T 25
F 26	5 37 54	25°35'33	28°45	13° 9	14°48	21°23	28°46	28°42	13°27	21°58	0°42	13°16	13°43	18°48	n.a.	F 26
S 27	5 41 51	26°36'30	11♏58	14°44	15°59	22° 2	29° 0	28°49	13°24	22° 0	0°42	13° 9	13°40	18°55	n.a.	S 27
S 28	5 45 47	27°37'26	25° 1	16°20	17°11	22°41	29°15	28°55	13°22	22° 2	0°43	13° 0	13°37	19° 1	n.a.	S 28
M29	5 49 44	28°38'21	7♐52	17°56	18°23	23°20	29°29	29° 2	13°19	22° 4	0°43	12°48	13°33	19° 8	n.a.	M29
T 30	5 53 40	29°39'14	20°32	19°34	19°35	23°59	29°43	29° 9	13°17	22° 6	0°44	12°34	13°30	19°15	n.a.	T 30
W31	5 57 37	0♑40'06	3♑ 0	21♐12	20♏47	24♎38	29♐57	29♑16	13♋14	22♏ 8	0♎44	12♍21	13♍27	19♒21	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	20s29	15s31	4n48	12s39	1n44	3s48	2n34	0s58	1n13	23s59	0s22	22s34	1s22	23n35	0n33	16s53	1n29	14n41	16n12	5n40	5n59	13s54			n.a.
T 2	20 42	17 35	5 0	13 10	1 36	4 15	2 34	1 14	1 12	24 0	0 22	22 33	1 21	23 35	0 34	16 53	1 29	14 41	16 13	5 45	6 0	13 52			n.a.
W 3	20 55	18 45	4 57	13 41	1 28	4 42	2 34	1 30	1 12	24 0	0 22	22 32	1 21	23 35	0 34	16 54	1 29	14 41	16 13	5 51	6 1	13 51			n.a.
T 4	21 7	18 58	4 40	14 12	1 20	5 8	2 34	1 46	1 12	24 1	0 22	22 31	1 21	23 36	0 34	16 55	1 29	14 41	16 13	5 55	6 3	13 50			n.a.
F 5	21 19	18 17	4 10	14 43	1 12	5 35	2 34	2 1	1 12	24 2	0 22	22 30	1 21	23 36	0 34	16 55	1 29	14 41	16 14	5 59	6 4	13 49			n.a.
S 6	21 30	16 48	3 29	15 15	1 4	6 2	2 33	2 17	1 12	24 3	0 22	22 29	1 21	23 36	0 34	16 56	1 29	14 41	16 14	6 2	6 5	13 47			n.a.
S 7	21 41	14 36	2 40	15 46	0 56	6 29	2 33	2 33	1 11	24 3	0 22	22 28	1 21	23 36	0 34	16 56	1 29	14 41	16 15	6 4	6 6	13 46			n.a.
M 8	21 52	11 48	1 43	16 17	0 48	6 55	2 32	2 49	1 11	24 4	0 22	22 26	1 21	23 36	0 34	16 57	1 29	14 40	16 15	6 5	6 8	13 45			n.a.
T 9	22 2	8 32	0 43	16 48	0 40	7 22	2 32	3 5	1 11	24 5	0 22	22 25	1 21	23 37	0 34	16 57	1 29	14 40	16 16	6 5	6 9	13 44			n.a.
W10	22 11	4 53	0s20	17 19	0 32	7 48	2 31	3 20	1 10	24 5	0 23	22 24	1 21	23 37	0 34	16 58	1 29	14 40	16 16	6 5	6 10	13 42			n.a.
T 11	22 20	0 59	1 24	17 49	0 24	8 15	2 30	3 36	1 10	24 6	0 23	22 23	1 21	23 37	0 34	16 59	1 29	14 40	16 17	6 5	6 11	13 41			n.a.
F 12	22 29	3n 4	2 24	18 19	0 16	8 41	2 29	3 52	1 10	24 7	0 23	22 22	1 21	23 37	0 34	16 59	1 29	14 40	16 17	6 6	6 13	13 40			n.a.
S 13	22 38	7 4	3 19	18 48	0 9	9 7	2 28	4 7	1 10	24 7	0 23	22 21	1 21	23 38	0 34	17 0	1 29	14 40	16 18	6 8	6 14	13 38			n.a.
S 14	22 45	10 52	4 6	19 17	0 1	9 33	2 27	4 23	1 9	24 8	0 23	22 19	1 21	23 38	0 34	17 0	1 29	14 40	16 18	6 11	6 15	13 37			n.a.
M15	22 53	14 14	4 40	19 45	0s 6	9 59	2 26	4 38	1 9	24 8	0 23	22 18	1 21	23 38	0 34	17 1	1 29	14 40	16 19	6 15	6 16	13 36			n.a.
T 16	23 0	16 52	4 58	20 13	0 13	10 25	2 25	4 54	1 9	24 9	0 23	22 17	1 21	23 38	0 34	17 1	1 29	14 40	16 19	6 20	6 18	13 35			n.a.
W17	23 6	18 33	4 58	20 40	0 20	10 50	2 23	5 10	1 8	24 9	0 23	22 15	1 21	23 39	0 34	17 2	1 29	14 40	16 20	6 25	6 19	13 33			n.a.
T 18	23 12	19 3	4 39	21 5	0 27	11 16	2 22	5 25	1 8	24 10	0 23	22 14	1 21	23 39	0 34	17 2	1 29	14 41	16 20	6 30	6 20	13 32			n.a.
F 19	23 18	18 16	4 2	21 31	0 34	11 41	2 20	5 40	1 8	24 10	0 23	22 13	1 21	23 39	0 34	17 3	1 29	14 41	16 21	6 33	6 21	13 31			n.a.
S 20	23 23	16 17	3 8	21 55	0 41	12 6	2 18	5 56	1 8	24 10	0 24	22 12	1 21	23 39	0 34	17 4	1 29	14 41	16 21	6 36	6 23	13 29			n.a.
S 21	23 28	13 17	2 3	22 18	0 47	12 31	2 17	6 11	1 7	24 11	0 24	22 10	1 21	23 40	0 34	17 4	1 29	14 41	16 22	6 38	6 24	13 28			n.a.
M22	23 32	9 30	0 51	22 40	0 53	12 55	2 15	6 27	1 7	24 11	0 24	22 9	1 21	23 40	0 34	17 5	1 29	14 41	16 22	6 38	6 25	13 27			n.a.
T 23	23 36	5 14	0n24	23 2	0 59	13 19	2 13	6 42	1 6	24 12	0 24	22 8	1 21	23 40	0 34	17 5	1 29	14 41	16 23	6 38	6 26	13 25			n.a.
W24	23 39	0 46	1 36	23 22	1 5	13 43	2 11	6 57	1 6	24 12	0 24	22 6	1 21	23 40	0 34	17 6	1 29	14 41	16 23	6 38	6 27	13 24			n.a.
T 25	23 42	3s40	2 41	23 41	1 11	14 7	2 9	7 12	1 6	24 12	0 24	22 5	1 21	23 41	0 34	17 6	1 29	14 42	16 24	6 39	6 29	13 23			n.a.
F 26	23 44	7 50	3 36	23 59	1 16	14 30	2 7	7 27	1 5	24 12	0 24	22 3	1 21	23 41	0 34	17 7	1 29	14 42	16 24	6 40	6 30	13 22			n.a.
S 27	23 46	11 34	4 18	24 16	1 21	14 54	2 5	7 43	1 5	24 13	0 24	22 2	1 21	23 41	0 34	17 7	1 29	14 42	16 25	6 43	6 31	13 20			n.a.
S 28	23 47	14 41	4 47	24 31	1 26	15 16	2 2	7 58	1 5	24 13	0 24	22 1	1 21	23 42	0 34	17 8	1 29	14 42	16 25	6 47	6 32	13 19			n.a.
M29	23 48	17 1	5 0	24 45	1 30	15 39	2 0	8 13	1 4	24 13	0 24	21 59	1 21	23 42	0 34	17 8	1 29	14 43	16 26	6 52	6 34	13 18			n.a.
T 30	23 49	18 30	4 58	24 58	1 35	16 1	1 58	8 27	1 4	24 13	0 25	21 58	1 21	23 42	0 34	17 9	1 29	14 43	16 26	6 57	6 35	13 16			n.a.
W31	23s48	19s 4	4n42	25s 9	1s39	16s23	1n55	8s42	1n 3	24s13	0s25	21s56	1s21	23n42	0n34	17s 9	1n29	14n43	16n27	7n 2	6n36	13s15			n.a.

Julian Day Number = 1363081.5, Delta T = 06h57m14s
Ecliptic obliquity = 23°48'35, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°37'13, Lahiri = -17°30'12 Julian Calendar 1 Dec. 982 BCE == Greg. Calendar 22 Nov. 982 BCE

The year -981 astronomical counting style corresponds to year 982 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 981 BCE
geocentric

JANUARY 981 BCE (-980) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 1 33	1♉40'57	15♉17	22♐51	21♏59	25♎16	0♉12	29♉23	13°R12	22♏ 9	0♎45	12°R 8	13♍24	19♒28	n.a.	T 1
F 2	6 5 30	2°41'47	27°23	24°30	23°11	25°55	0°26	29°30	13♋ 9	22°11	0°45	11♍58	13°21	19°35	n.a.	F 2
S 3	6 9 27	3°42'34	9♒19	26°11	24°23	26°34	0°40	29°37	13° 7	22°13	0°46	11°50	13°18	19°41	n.a.	S 3
S 4	6 13 23	4°43'20	21° 9	27°52	25°35	27°13	0°55	29°44	13° 4	22°15	0°46	11°45	13°14	19°48	n.a.	S 4
M 5	6 17 20	5°44'05	2♓56	29°34	26°47	27°52	1° 9	29°51	13° 1	22°17	0°46	11°43	13°11	19°55	n.a.	M 5
T 6	6 21 16	6°44'47	14°43	1♉16	27°59	28°31	1°23	29°58	12°59	22°18	0°46	11°D43	13° 8	20° 1	n.a.	T 6
W 7	6 25 13	7°45'28	26°36	3° 0	29°11	29°10	1°37	0♒ 5	12°56	22°20	0°47	11°43	13° 5	20° 8	n.a.	W 7
T 8	6 29 9	8°46'06	8♈41	4°45	0♐23	29°48	1°52	0°12	12°54	22°22	0°47	11°R44	13° 2	20°15	n.a.	T 8
F 9	6 33 6	9°46'43	21° 2	6°30	1°36	0♏27	2° 6	0°19	12°51	22°24	0°47	11°43	12°59	20°21	n.a.	F 9
S 10	6 37 2	10°47'18	3♉46	8°16	2°48	1° 6	2°20	0°26	12°48	22°25	0°47	11°40	12°55	20°28	n.a.	S 10
S 11	6 40 59	11°47'51	16°55	10° 3	4° 0	1°45	2°34	0°33	12°46	22°27	0°47	11°36	12°52	20°34	n.a.	S 11
M12	6 44 56	12°48'22	0♊33	11°51	5°13	2°23	2°48	0°40	12°43	22°29	0°47	11°28	12°49	20°41	n.a.	M12
T 13	6 48 52	13°48'51	14°39	13°40	6°25	3° 2	3° 3	0°48	12°40	22°30	0°R47	11°20	12°46	20°48	n.a.	T 13
W14	6 52 49	14°49'18	29°11	15°29	7°38	3°41	3°17	0°55	12°38	22°32	0°47	11°10	12°43	20°54	n.a.	W14
T 15	6 56 45	15°49'43	14♋ 2	17°20	8°50	4°19	3°31	1° 2	12°35	22°33	0°47	11° 1	12°39	21° 1	n.a.	T 15
F 16	7 0 42	16°50'07	29° 3	19°11	10° 2	4°58	3°45	1°10	12°32	22°35	0°47	10°54	12°36	21° 8	n.a.	F 16
S 17	7 4 38	17°50'28	14♌ 6	21° 3	11°15	5°37	3°59	1°17	12°30	22°36	0°47	10°49	12°33	21°14	n.a.	S 17
S 18	7 8 35	18°50'48	29° 1	22°55	12°28	6°15	4°13	1°24	12°27	22°38	0°47	10°46	12°30	21°21	n.a.	S 18
M19	7 12 31	19°51'06	13♍41	24°48	13°40	6°54	4°27	1°32	12°25	22°39	0°46	10°D46	12°27	21°28	n.a.	M19
T 20	7 16 28	20°51'23	28° 2	26°42	14°53	7°33	4°41	1°39	12°22	22°41	0°46	10°47	12°24	21°34	n.a.	T 20
W21	7 20 25	21°51'38	12♎ 2	28°36	16° 5	8°11	4°55	1°46	12°19	22°42	0°46	10°48	12°20	21°41	n.a.	W21
T 22	7 24 21	22°51'51	25°41	0♒30	17°18	8°50	5° 9	1°54	12°17	22°43	0°46	10°R48	12°17	21°48	n.a.	T 22
F 23	7 28 18	23°52'03	9♏ 1	2°24	18°31	9°29	5°23	2° 1	12°14	22°45	0°45	10°47	12°14	21°54	n.a.	F 23
S 24	7 32 14	24°52'13	22° 3	4°18	19°44	10° 7	5°37	2° 8	12°12	22°46	0°45	10°44	12°11	22° 1	n.a.	S 24
S 25	7 36 11	25°52'21	4♐50	6°12	20°56	10°46	5°51	2°16	12° 9	22°47	0°45	10°38	12° 8	22° 8	n.a.	S 25
M26	7 40 7	26°52'27	17°24	8° 5	22° 9	11°24	6° 5	2°23	12° 7	22°49	0°44	10°31	12° 5	22°14	n.a.	M26
T 27	7 44 4	27°52'32	29°46	9°56	23°22	12° 3	6°19	2°31	12° 4	22°50	0°44	10°23	12° 1	22°21	n.a.	T 27
W28	7 48 0	28°52'35	11♉59	11°47	24°35	12°41	6°32	2°38	12° 2	22°51	0°43	10°15	11°58	22°28	n.a.	W28
T 29	7 51 57	29°52'36	24° 3	13°35	25°47	13°20	6°46	2°46	11°59	22°52	0°42	10° 8	11°55	22°34	n.a.	T 29
F 30	7 55 54	0♒52'34	5♒59	15°21	27° 0	13°58	7° 0	2°53	11°57	22°53	0°42	10° 1	11°52	22°41	n.a.	F 30
S 31	7 59 50	1♒52'31	17♒51	17♒ 5	28♐13	14♏36	7♉13	3♒ 1	11♋54	22♏54	0♎41	9♍57	11♍49	22♒48	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s48	18s44	4n13	25s19	1s42	16s44	1n53	8s57	1n 3	24s13	0s25	21s55	1s21	23n43	0n34	17s 9	1n29	14n43	16n28	7n 7	6n37	13s14			n.a.
F 2	23 47	17 32	3 33	25 27	1 46	17 5	1 50	9 12	1 2	24 13	0 25	21 53	1 21	23 43	0 34	17 10	1 29	14 44	16 28	7 11	6 39	13 12			n.a.
S 3	23 45	15 34	2 44	25 34	1 49	17 25	1 47	9 27	1 2	24 13	0 25	21 52	1 21	23 43	0 34	17 10	1 29	14 44	16 29	7 14	6 40	13 11			n.a.
S 4	23 43	12 58	1 47	25 39	1 52	17 46	1 45	9 41	1 1	24 13	0 25	21 50	1 21	23 43	0 34	17 11	1 29	14 44	16 29	7 16	6 41	13 10			n.a.
M 5	23 41	9 52	0 47	25 43	1 54	18 5	1 42	9 56	1 1	24 13	0 25	21 49	1 21	23 44	0 34	17 11	1 29	14 45	16 30	7 16	6 42	13 8			n.a.
T 6	23 38	6 21	0s16	25 44	1 56	18 24	1 39	10 10	1 1	24 13	0 25	21 47	1 21	23 44	0 34	17 12	1 29	14 45	16 30	7 17	6 44	13 7			n.a.
W 7	23 35	2 34	1 19	25 44	1 58	18 43	1 36	10 25	1 0	24 13	0 25	21 46	1 21	23 44	0 34	17 12	1 29	14 46	16 31	7 16	6 45	13 6			n.a.
T 8	23 31	1n22	2 19	25 42	1 59	19 1	1 33	10 39	1 0	24 13	0 26	21 44	1 21	23 45	0 34	17 13	1 29	14 46	16 31	7 16	6 46	13 4			n.a.
F 9	23 27	5 20	3 14	25 39	2 0	19 19	1 31	10 53	0 59	24 13	0 26	21 43	1 21	23 45	0 34	17 13	1 29	14 46	16 32	7 16	6 47	13 3			n.a.
S 10	23 22	9 11	4 2	25 33	2 0	19 37	1 28	11 7	0 58	24 13	0 26	21 41	1 21	23 45	0 34	17 13	1 29	14 47	16 32	7 18	6 49	13 1			n.a.
S 11	23 17	12 43	4 38	25 25	2 0	19 53	1 25	11 21	0 58	24 13	0 26	21 40	1 21	23 45	0 34	17 14	1 29	14 47	16 33	7 19	6 50	13 0			n.a.
M12	23 11	15 42	5 0	25 16	2 0	20 10	1 22	11 36	0 57	24 13	0 26	21 38	1 21	23 46	0 34	17 14	1 29	14 48	16 33	7 22	6 51	12 59			n.a.
T 13	23 5	17 52	5 5	25 4	1 59	20 25	1 19	11 49	0 57	24 13	0 26	21 37	1 21	23 46	0 34	17 14	1 29	14 48	16 34	7 26	6 52	12 57			n.a.
W14	22 58	18 58	4 51	24 50	1 57	20 41	1 16	12 3	0 56	24 12	0 26	21 35	1 21	23 46	0 34	17 15	1 29	14 49	16 34	7 29	6 53	12 56			n.a.
T 15	22 51	18 48	4 17	24 34	1 55	20 55	1 13	12 17	0 56	24 12	0 26	21 33	1 21	23 46	0 34	17 15	1 29	14 49	16 35	7 33	6 55	12 55			n.a.
F 16	22 44	17 20	3 25	24 16	1 53	21 9	1 9	12 31	0 55	24 12	0 26	21 32	1 21	23 47	0 34	17 16	1 29	14 50	16 35	7 35	6 56	12 53			n.a.
S 17	22 36	14 39	2 18	23 56	1 50	21 23	1 6	12 44	0 55	24 11	0 27	21 30	1 21	23 47	0 34	17 16	1 29	14 50	16 36	7 37	6 57	12 52			n.a.
S 18	22 28	11 1	1 3	23 34	1 46	21 36	1 3	12 58	0 54	24 11	0 27	21 29	1 21	23 47	0 34	17 16	1 30	14 51	16 36	7 38	6 58	12 51			n.a.
M19	22 19	6 45	0n16	23 10	1 42	21 48	1 0	13 11	0 53	24 11	0 27	21 27	1 21	23 47	0 34	17 17	1 30	14 51	16 37	7 39	7 0	12 49			n.a.
T 20	22 10	2 12	1 32	22 43	1 37	22 0	0 57	13 25	0 53	24 10	0 27	21 25	1 21	23 48	0 34	17 17	1 30	14 52	16 37	7 38	7 1	12 48			n.a.
W21	22 0	2s22	2 41	22 15	1 31	22 11	0 54	13 38	0 52	24 10	0 27	21 24	1 21	23 48	0 34	17 17	1 30	14 52	16 38	7 38	7 2	12 46			n.a.
T 22	21 50	6 42	3 38	21 44	1 25	22 21	0 51	13 51	0 51	24 10	0 27	21 22	1 21	23 48	0 34	17 18	1 30	14 53	16 38	7 38	7 3	12 45			n.a.
F 23	21 40	10 34	4 23	21 11	1 18	22 31	0 47	14 4	0 51	24 9	0 27	21 20	1 21	23 48	0 34	17 18	1 30	14 54	16 39	7 38	7 5	12 44			n.a.
S 24	21 29	13 51	4 53	20 37	1 10	22 40	0 44	14 17	0 50	24 9	0 27	21 19	1 22	23 49	0 34	17 18	1 30	14 54	16 39	7 39	7 6	12 42			n.a.
S 25	21 18	16 24	5 7	20 1	1 2	22 49	0 41	14 30	0 49	24 8	0 28	21 17	1 22	23 49	0 34	17 19	1 30	14 55	16 40	7 42	7 7	12 41			n.a.
M26	21 6	18 7	5 7	19 23	0 53	22 57	0 38	14 43	0 49	24 8	0 28	21 15	1 22	23 49	0 34	17 19	1 30	14 56	16 40	7 44	7 8	12 40			n.a.
T 27	20 54	18 57	4 52	18 43	0 43	23 4	0 35	14 56	0 48	24 7	0 28	21 14	1 22	23 49	0 34	17 19	1 30	14 56	16 41	7 47	7 9	12 38			n.a.
W28	20 42	18 53	4 23	18 3	0 33	23 10	0 31	15 8	0 47	24 7	0 28	21 12	1 22	23 50	0 34	17 19	1 30	14 57	16 41	7 50	7 11	12 37			n.a.
T 29	20 29	17 58	3 43	17 21	0 22	23 16	0 28	15 21	0 46	24 6	0 28	21 10	1 22	23 50	0 34	17 20	1 30	14 57	16 42	7 53	7 12	12 35			n.a.
F 30	20 16	16 15	2 54	16 38	0 10	23 21	0 25	15 33	0 46	24 5	0 28	21 9	1 22	23 50	0 34	17 20	1 30	14 58	16 42	7 56	7 13	12 34			n.a.
S 31	20s 3	13s52	1n57	15s55	0n 2	23s26	0n22	15s45	0n45	24s 5	0s28	21s 7	1s22	23n50	0n34	17s20	1n30	14n59	16n43	7n57	7n14	12s33			n.a.

Julian Day Number = 1363112.5, Delta T = 06h57m12s
Ecliptic obliquity = 23°48'35, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°37'09, Lahiri = -17°30'08 Julian Calendar 1 Jan. 981 BCE == Greg. Calendar 23 Dec. 982 BCE

The year -980 astronomical counting style corresponds to year 981 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 981 BCE
geocentric

FEBRUARY 981 BCE (-980) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 3 47	2♒52'25	29♒38	18♒45	29♐26	15♏15	7♑27	3♒ 8	11°R52	22♏55	0°R41	9°R55	11♍45	22♒54	n.a.	S 1
M 2	8 7 43	3°52'17	11♓25	20°21	0♑39	15°53	7°41	3°16	11♋50	22°57	0♎40	9°D54	11°42	23° 1	n.a.	M 2
T 3	8 11 40	4°52'07	23°13	21°53	1°52	16°31	7°54	3°23	11°47	22°58	0°39	9♍55	11°39	23° 8	n.a.	T 3
W 4	8 15 36	5°51'55	5♈ 8	23°20	3° 5	17°10	8° 8	3°30	11°45	22°58	0°38	9°57	11°36	23°14	n.a.	W 4
T 5	8 19 33	6°51'40	17°13	24°42	4°17	17°48	8°21	3°38	11°42	22°59	0°38	9°58	11°33	23°21	n.a.	T 5
F 6	8 23 29	7°51'23	29°33	25°58	5°30	18°26	8°34	3°45	11°40	23° 0	0°37	10° 0	11°30	23°28	n.a.	F 6
S 7	8 27 26	8°51'03	12♉12	27° 8	6°43	19° 4	8°48	3°53	11°38	23° 1	0°36	10°R 0	11°26	23°34	n.a.	S 7
S 8	8 31 22	9°50'41	25°15	28°11	7°56	19°42	9° 1	4° 0	11°36	23° 2	0°35	9°59	11°23	23°41	n.a.	S 8
M 9	8 35 19	10°50'17	8♊46	29° 7	9° 9	20°20	9°14	4° 8	11°33	23° 3	0°34	9°56	11°20	23°47	n.a.	M 9
T 10	8 39 16	11°49'50	22°45	29°55	10°22	20°58	9°27	4°15	11°31	23° 4	0°33	9°53	11°17	23°54	n.a.	T 10
W11	8 43 12	12°49'20	7♋12	0♓36	11°35	21°36	9°41	4°23	11°29	23° 4	0°32	9°49	11°14	24° 1	n.a.	W11
T 12	8 47 9	13°48'49	22° 2	1° 9	12°48	22°14	9°54	4°30	11°27	23° 5	0°31	9°45	11°11	24° 7	n.a.	T 12
F 13	8 51 5	14°48'15	7♌ 9	1°34	14° 1	22°52	10° 7	4°37	11°25	23° 6	0°30	9°42	11° 7	24°14	n.a.	F 13
S 14	8 55 2	15°47'39	22°23	1°51	15°14	23°30	10°20	4°45	11°23	23° 7	0°29	9°40	11° 4	24°21	n.a.	S 14
S 15	8 58 58	16°47'00	7♍34	2° 0	16°27	24° 8	10°32	4°52	11°21	23° 7	0°28	9°D40	11° 1	24°27	n.a.	S 15
M16	9 2 55	17°46'20	22°33	2°R 1	17°40	24°46	10°45	4°59	11°19	23° 8	0°27	9°40	10°58	24°34	n.a.	M16
T 17	9 6 51	18°45'37	7♎12	1°54	18°53	25°24	10°58	5° 7	11°17	23° 8	0°26	9°41	10°55	24°41	n.a.	T 17
W18	9 10 48	19°44'53	21°28	1°40	20° 6	26° 1	11°11	5°14	11°15	23° 9	0°25	9°42	10°51	24°47	n.a.	W18
T 19	9 14 45	20°44'06	5♏18	1°19	21°19	26°39	11°23	5°21	11°13	23° 9	0°24	9°44	10°48	24°54	n.a.	T 19
F 20	9 18 41	21°43'18	18°43	0°51	22°32	27°17	11°36	5°29	11°11	23°10	0°23	9°R44	10°45	25° 1	n.a.	F 20
S 21	9 22 38	22°42'28	1♐45	0°18	23°45	27°54	11°48	5°36	11°10	23°10	0°21	9°44	10°42	25° 7	n.a.	S 21
S 22	9 26 34	23°41'36	14°27	29♒40	24°58	28°32	12° 1	5°43	11° 8	23°11	0°20	9°43	10°39	25°14	n.a.	S 22
M23	9 30 31	24°40'42	26°52	28°57	26°11	29° 9	12°13	5°50	11° 6	23°11	0°19	9°41	10°36	25°21	n.a.	M23
T 24	9 34 27	25°39'46	9♑ 4	28°12	27°24	29°47	12°26	5°58	11° 5	23°11	0°18	9°39	10°32	25°27	n.a.	T 24
W25	9 38 24	26°38'48	21° 6	27°24	28°37	0♐24	12°38	6° 5	11° 3	23°12	0°16	9°37	10°29	25°34	n.a.	W25
T 26	9 42 20	27°37'49	3♒ 0	26°35	29°50	1° 2	12°50	6°12	11° 1	23°12	0°15	9°35	10°26	25°41	n.a.	T 26
F 27	9 46 17	28°36'47	14°50	25°46	1♒ 3	1°39	13° 2	6°19	11° 0	23°12	0°14	9°34	10°23	25°47	n.a.	F 27
S 28	9 50 13	29°35'43	26°37	24°58	2°16	2°16	13°14	6°26	10°58	23°12	0°12	9°33	10°20	25°54	n.a.	S 28
S 29	9 54 10	0♓34'36	8♓25	24♒11	3♒29	2♐53	13♑26	6♒33	10♋57	23♏12	0♎11	9°D33	10♍16	26♒ 1	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s49	10s54	0n56	15s12	0n15	23s30	0n19	15s58	0n44	24s 4	0s29	21s 5	1s22	23n50	0n34	17s20	1n30	14n59	16n43	7n58	7n16	12s31		n.a.
M 2	19 35	7 31	0s 8	14 29	0 28	23 33	0 16	16 10	0 43	24 4	0 29	21 3	1 22	23 51	0 34	17 21	1 30	15 0	16 44	7 58	7 17	12 30		n.a.
T 3	19 21	3 50	1 12	13 46	0 42	23 35	0 13	16 22	0 42	24 3	0 29	21 2	1 22	23 51	0 34	17 21	1 30	15 1	16 44	7 58	7 18	12 28		n.a.
W 4	19 6	0n 2	2 14	13 4	0 56	23 37	0 9	16 33	0 41	24 2	0 29	21 0	1 22	23 51	0 34	17 21	1 30	15 2	16 45	7 58	7 19	12 27		n.a.
T 5	18 51	3 56	3 10	12 24	1 10	23 38	0 6	16 45	0 41	24 2	0 29	20 58	1 22	23 51	0 34	17 21	1 30	15 2	16 45	7 57	7 21	12 26		n.a.
F 6	18 35	7 45	3 59	11 45	1 24	23 38	0 3	16 57	0 40	24 1	0 29	20 57	1 22	23 52	0 34	17 21	1 30	15 3	16 46	7 56	7 22	12 24		n.a.
S 7	18 19	11 20	4 38	11 7	1 38	23 38	0 0	17 8	0 39	24 0	0 29	20 55	1 22	23 52	0 34	17 22	1 30	15 4	16 46	7 56	7 23	12 23		n.a.
S 8	18 3	14 28	5 4	10 32	1 52	23 37	0s 3	17 19	0 38	23 59	0 29	20 53	1 22	23 52	0 34	17 22	1 30	15 4	16 46	7 57	7 24	12 21		n.a.
M 9	17 47	16 56	5 14	10 0	2 6	23 35	0 6	17 31	0 37	23 59	0 30	20 51	1 23	23 52	0 34	17 22	1 30	15 5	16 47	7 58	7 25	12 20		n.a.
T 10	17 30	18 31	5 6	9 30	2 19	23 33	0 9	17 42	0 36	23 58	0 30	20 50	1 23	23 52	0 34	17 22	1 30	15 6	16 47	7 59	7 27	12 18		n.a.
W11	17 13	18 58	4 39	9 4	2 32	23 29	0 12	17 53	0 35	23 57	0 30	20 48	1 23	23 52	0 34	17 22	1 30	15 7	16 48	8 0	7 28	12 17		n.a.
T 12	16 56	18 9	3 53	8 41	2 44	23 25	0 14	18 4	0 34	23 56	0 30	20 46	1 23	23 53	0 34	17 22	1 30	15 7	16 48	8 2	7 29	12 16		n.a.
F 13	16 39	16 2	2 50	8 21	2 56	23 21	0 17	18 14	0 33	23 55	0 30	20 45	1 23	23 53	0 34	17 23	1 31	15 8	16 48	8 3	7 30	12 14		n.a.
S 14	16 21	12 47	1 34	8 5	3 6	23 16	0 20	18 25	0 32	23 54	0 30	20 43	1 23	23 53	0 34	17 23	1 31	15 9	16 49	8 4	7 32	12 13		n.a.
S 15	16 3	8 41	0 12	7 53	3 16	23 10	0 23	18 36	0 31	23 53	0 31	20 41	1 23	23 53	0 34	17 23	1 31	15 10	16 49	8 4	7 33	12 11		n.a.
M16	15 45	4 5	1n11	7 45	3 24	23 3	0 26	18 46	0 30	23 53	0 31	20 39	1 23	23 53	0 34	17 23	1 31	15 11	16 50	8 4	7 34	12 10		n.a.
T 17	15 26	0s40	2 26	7 41	3 31	22 55	0 28	18 56	0 29	23 52	0 31	20 38	1 23	23 53	0 34	17 23	1 31	15 11	16 50	8 3	7 35	12 8		n.a.
W18	15 7	5 14	3 31	7 41	3 36	22 47	0 31	19 6	0 28	23 51	0 31	20 36	1 23	23 54	0 34	17 23	1 31	15 12	16 50	8 3	7 36	12 7		n.a.
T 19	14 48	9 23	4 21	7 45	3 40	22 39	0 34	19 16	0 27	23 50	0 31	20 34	1 23	23 54	0 34	17 23	1 31	15 13	16 51	8 2	7 38	12 6		n.a.
F 20	14 29	12 56	4 56	7 53	3 43	22 29	0 36	19 26	0 26	23 49	0 31	20 32	1 24	23 54	0 34	17 23	1 31	15 14	16 51	8 2	7 39	12 4		n.a.
S 21	14 9	15 43	5 13	8 4	3 43	22 19	0 39	19 36	0 25	23 48	0 31	20 31	1 24	23 54	0 34	17 23	1 31	15 14	16 51	8 2	7 40	12 3		n.a.
S 22	13 50	17 40	5 15	8 18	3 42	22 9	0 41	19 45	0 24	23 47	0 32	20 29	1 24	23 54	0 34	17 23	1 31	15 15	16 52	8 3	7 41	12 1		n.a.
M23	13 30	18 44	5 2	8 36	3 39	21 57	0 44	19 55	0 22	23 46	0 32	20 27	1 24	23 54	0 34	17 23	1 31	15 16	16 52	8 3	7 43	12 0		n.a.
T 24	13 10	18 54	4 36	8 56	3 34	21 45	0 46	20 4	0 21	23 45	0 32	20 26	1 24	23 54	0 34	17 23	1 31	15 17	16 52	8 4	7 44	11 58		n.a.
W25	12 49	18 13	3 58	9 19	3 28	21 33	0 48	20 13	0 20	23 44	0 32	20 24	1 24	23 55	0 34	17 23	1 31	15 18	16 53	8 5	7 45	11 57		n.a.
T 26	12 29	16 43	3 9	9 43	3 20	21 19	0 51	20 23	0 19	23 43	0 32	20 22	1 24	23 55	0 34	17 24	1 31	15 18	16 53	8 6	7 46	11 55		n.a.
F 27	12 8	14 31	2 13	10 9	3 10	21 6	0 53	20 31	0 18	23 42	0 32	20 20	1 24	23 55	0 34	17 24	1 31	15 19	16 53	8 6	7 47	11 54		n.a.
S 28	11 47	11 43	1 11	10 36	2 59	20 51	0 55	20 40	0 16	23 41	0 33	20 19	1 24	23 55	0 34	17 24	1 31	15 20	16 53	8 6	7 49	11 52		n.a.
S 29	11s26	8s27	0n 6	11s 3	2n47	20s36	0s57	20s49	0n15	23s40	0s33	20s17	1s25	23n55	0n34	17s24	1n31	15n21	16n54	8n 7	7n50	11s51		n.a.

Julian Day Number = 1363143.5, Delta T = 06h57m11s
Ecliptic obliquity = 23°48'35, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°37'04, Lahiri = -17°30'04 Julian Calendar 1 Feb. 981 BCE == Greg. Calendar 23 Jan. 981 BCE

The year -980 astronomical counting style corresponds to year 981 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 981 BCE
geocentric

MARCH 981 BCE (-980) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 58 7	1♓33'28	20♓14	23°R26	4♒43	3♐30	13♉38	6♒40	10°R56	23♏13	0°R 9	9♍33	10♍13	26♒ 7	n.a.	M 1
T 2	10 2 3	2°32'17	2♈ 8	22♒45	5°56	4° 8	13°49	6°47	10♋54	23°13	0♎ 8	9°34	10°10	26°14	n.a.	T 2
W 3	10 6 0	3°31'04	14° 9	22° 7	7° 9	4°44	14° 1	6°54	10°53	23°13	0° 7	9°34	10° 7	26°20	n.a.	W 3
T 4	10 9 56	4°29'49	26°20	21°33	8°22	5°21	14°13	7° 1	10°52	23°R13	0° 5	9°35	10° 4	26°27	n.a.	T 4
F 5	10 13 53	5°28'31	8♉45	21° 5	9°35	5°58	14°24	7° 8	10°50	23°13	0° 4	9°35	10° 1	26°34	n.a.	F 5
S 6	10 17 49	6°27'11	21°26	20°40	10°48	6°35	14°35	7°15	10°49	23°13	0° 2	9°36	9°57	26°40	n.a.	S 6
S 7	10 21 46	7°25'49	4♊26	20°22	12° 1	7°12	14°47	7°22	10°48	23°13	0° 1	9°R36	9°54	26°47	n.a.	S 7
M 8	10 25 42	8°24'25	17°50	20° 8	13°14	7°48	14°58	7°28	10°47	23°13	29♍59	9°36	9°51	26°54	n.a.	M 8
T 9	10 29 39	9°22'58	1♋38	19°59	14°27	8°25	15° 9	7°35	10°46	23°12	29°58	9°D36	9°48	27° 0	n.a.	T 9
W10	10 33 35	10°21'29	15°52	19°D56	15°40	9° 1	15°20	7°42	10°45	23°12	29°56	9°36	9°45	27° 7	n.a.	W10
T 11	10 37 32	11°19'57	0♌28	19°58	16°54	9°37	15°31	7°49	10°44	23°12	29°54	9°36	9°42	27°14	n.a.	T 11
F 12	10 41 29	12°18'23	15°23	20° 5	18° 7	10°14	15°42	7°55	10°43	23°12	29°53	9°36	9°38	27°20	n.a.	F 12
S 13	10 45 25	13°16'47	0♍30	20°17	19°20	10°50	15°53	8° 2	10°43	23°12	29°51	9°36	9°35	27°27	n.a.	S 13
S 14	10 49 22	14°15'09	15°40	20°34	20°33	11°26	16° 3	8° 8	10°42	23°11	29°50	9°R36	9°32	27°34	n.a.	S 14
M15	10 53 18	15°13'29	0♎44	20°56	21°46	12° 2	16°14	8°15	10°41	23°11	29°48	9°36	9°29	27°40	n.a.	M15
T 16	10 57 15	16°11'47	15°34	21°22	22°59	12°38	16°24	8°21	10°41	23°11	29°46	9°35	9°26	27°47	n.a.	T 16
W17	11 1 11	17°10'03	0♏ 1	21°52	24°12	13°14	16°34	8°28	10°40	23°10	29°45	9°35	9°22	27°54	n.a.	W17
T 18	11 5 8	18° 8'18	14° 3	22°27	25°25	13°50	16°45	8°34	10°39	23°10	29°43	9°34	9°19	28° 0	n.a.	T 18
F 19	11 9 4	19° 6'30	27°37	23° 5	26°39	14°25	16°55	8°40	10°39	23° 9	29°42	9°33	9°16	28° 7	n.a.	F 19
S 20	11 13 1	20° 4'42	10♐45	23°47	27°52	15° 1	17° 5	8°47	10°38	23° 9	29°40	9°32	9°13	28°13	n.a.	S 20
S 21	11 16 58	21° 2'51	23°29	24°33	29° 5	15°36	17°15	8°53	10°38	23° 8	29°38	9°D32	9°10	28°20	n.a.	S 21
M22	11 20 54	22° 1'00	5♉53	25°22	0♓18	16°12	17°24	8°59	10°38	23° 8	29°37	9°32	9° 7	28°27	n.a.	M22
T 23	11 24 51	22°59'06	18° 2	26°15	1°31	16°47	17°34	9° 5	10°37	23° 7	29°35	9°33	9° 3	28°33	n.a.	T 23
W24	11 28 47	23°57'11	29°59	27°10	2°44	17°22	17°43	9°11	10°37	23° 7	29°33	9°35	9° 0	28°40	n.a.	W24
T 25	11 32 44	24°55'14	11♒49	28° 9	3°58	17°57	17°53	9°17	10°37	23° 6	29°32	9°36	8°57	28°47	n.a.	T 25
F 26	11 36 40	25°53'16	23°35	29°11	5°11	18°32	18° 2	9°23	10°37	23° 5	29°30	9°37	8°54	28°53	n.a.	F 26
S 27	11 40 37	26°51'16	5♓22	0♓15	6°24	19° 6	18°11	9°29	10°37	23° 5	29°28	9°R38	8°51	29° 0	n.a.	S 27
S 28	11 44 33	27°49'14	17°13	1°23	7°37	19°41	18°20	9°35	10°D37	23° 4	29°26	9°38	8°47	29° 7	n.a.	S 28
M29	11 48 30	28°47'11	29° 9	2°32	8°50	20°15	18°29	9°40	10°37	23° 3	29°25	9°37	8°44	29°13	n.a.	M29
T 30	11 52 26	29°45'06	11♈12	3°45	10° 4	20°50	18°38	9°46	10°37	23° 2	29°23	9°34	8°41	29°20	n.a.	T 30
W31	11 56 23	0♈42'59	23♈25	5♓ 0	11♓17	21♐24	18♉47	9♒52	10♋37	23♏ 2	29♍21	9♍32	8♍38	29♒27	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	11s 5	4s50	0s59	11s30	2n34	20s20	0s59	20s57	0n14	23s39	0s33	20s15	1s25	23n55	0n34	17s24	1n31	15n22	16n54	8n 6	7n51	11s50			n.a.
T 2	10 44	1 0	2 2	11 57	2 19	20 4	1 1	21 6	0 12	23 38	0 33	20 14	1 25	23 55	0 34	17 24	1 31	15 22	16 54	8 6	7 52	11 48			n.a.
W 3	10 22	2n54	3 1	12 23	2 5	19 47	1 3	21 14	0 11	23 37	0 33	20 12	1 25	23 55	0 34	17 23	1 31	15 23	16 54	8 6	7 54	11 47			n.a.
T 4	10 1	6 43	3 52	12 49	1 49	19 30	1 5	21 22	0 10	23 36	0 34	20 10	1 25	23 55	0 34	17 23	1 31	15 24	16 55	8 6	7 55	11 45			n.a.
F 5	9 39	10 19	4 33	13 13	1 34	19 12	1 7	21 30	0 8	23 35	0 34	20 9	1 25	23 55	0 34	17 23	1 31	15 25	16 55	8 6	7 56	11 44			n.a.
S 6	9 17	13 32	5 2	13 35	1 18	18 54	1 9	21 38	0 7	23 34	0 34	20 7	1 25	23 56	0 34	17 23	1 31	15 26	16 55	8 6	7 57	11 42			n.a.
S 7	8 55	16 10	5 17	13 56	1 3	18 35	1 10	21 45	0 5	23 32	0 34	20 5	1 25	23 56	0 34	17 23	1 31	15 26	16 55	8 5	7 58	11 41			n.a.
M 8	8 33	18 1	5 15	14 15	0 47	18 15	1 12	21 53	0 4	23 31	0 34	20 4	1 26	23 56	0 34	17 23	1 32	15 27	16 56	8 6	8 0	11 39			n.a.
T 9	8 10	18 53	4 55	14 33	0 32	17 55	1 14	22 0	0 3	23 30	0 34	20 2	1 26	23 56	0 34	17 23	1 32	15 28	16 56	8 6	8 1	11 38			n.a.
W10	7 48	18 36	4 17	14 48	0 17	17 35	1 15	22 8	0 1	23 29	0 35	20 1	1 26	23 56	0 34	17 23	1 32	15 29	16 56	8 6	8 2	11 36			n.a.
T 11	7 25	17 5	3 21	15 1	0 2	17 14	1 16	22 15	0s 1	23 28	0 35	19 59	1 26	23 56	0 34	17 23	1 32	15 30	16 56	8 5	8 3	11 35			n.a.
F 12	7 3	14 23	2 11	15 12	0s12	16 52	1 18	22 22	0 2	23 27	0 35	19 57	1 26	23 56	0 34	17 23	1 32	15 30	16 56	8 5	8 4	11 33			n.a.
S 13	6 40	10 41	0 50	15 21	0 26	16 30	1 19	22 29	0 4	23 26	0 35	19 56	1 26	23 56	0 34	17 23	1 32	15 31	16 56	8 5	8 6	11 32			n.a.
S 14	6 17	6 15	0n34	15 28	0 39	16 8	1 20	22 35	0 5	23 25	0 35	19 54	1 26	23 56	0 34	17 23	1 32	15 32	16 56	8 5	8 7	11 30			n.a.
M15	5 55	1 27	1 55	15 33	0 51	15 45	1 22	22 42	0 7	23 24	0 36	19 53	1 27	23 56	0 34	17 23	1 32	15 33	16 57	8 5	8 8	11 29			n.a.
T 16	5 32	3s21	3 7	15 36	1 3	15 22	1 23	22 48	0 9	23 23	0 36	19 51	1 27	23 56	0 34	17 22	1 32	15 33	16 57	8 6	8 9	11 27			n.a.
W17	5 9	7 50	4 5	15 36	1 14	14 58	1 24	22 54	0 10	23 22	0 36	19 49	1 27	23 56	0 34	17 22	1 32	15 34	16 57	8 6	8 11	11 26			n.a.
T 18	4 46	11 44	4 47	15 35	1 25	14 34	1 25	23 1	0 12	23 20	0 36	19 48	1 27	23 56	0 34	17 22	1 32	15 35	16 57	8 6	8 12	11 24			n.a.
F 19	4 22	14 53	5 11	15 31	1 35	14 10	1 26	23 7	0 14	23 19	0 36	19 46	1 27	23 56	0 34	17 22	1 32	15 36	16 57	8 7	8 13	11 23			n.a.
S 20	3 59	17 10	5 18	15 26	1 44	13 45	1 27	23 12	0 15	23 18	0 37	19 45	1 27	23 56	0 34	17 22	1 32	15 36	16 57	8 7	8 14	11 21			n.a.
S 21	3 36	18 31	5 8	15 18	1 52	13 20	1 27	23 18	0 17	23 17	0 37	19 43	1 27	23 56	0 34	17 22	1 32	15 37	16 57	8 7	8 15	11 20			n.a.
M22	3 13	18 56	4 45	15 9	2 0	12 54	1 28	23 24	0 19	23 16	0 37	19 42	1 28	23 56	0 34	17 21	1 32	15 38	16 57	8 7	8 17	11 18			n.a.
T 23	2 50	18 28	4 9	14 57	2 7	12 29	1 29	23 29	0 21	23 15	0 37	19 40	1 28	23 56	0 34	17 21	1 32	15 38	16 57	8 6	8 18	11 17			n.a.
W24	2 26	17 10	3 23	14 44	2 14	12 2	1 29	23 35	0 23	23 14	0 37	19 39	1 28	23 56	0 34	17 21	1 32	15 39	16 57	8 6	8 19	11 15			n.a.
T 25	2 3	15 8	2 28	14 29	2 20	11 36	1 30	23 40	0 25	23 13	0 38	19 37	1 28	23 56	0 34	17 21	1 32	15 40	16 57	8 5	8 20	11 14			n.a.
F 26	1 40	12 29	1 28	14 12	2 25	11 9	1 30	23 45	0 27	23 12	0 38	19 36	1 28	23 56	0 34	17 21	1 32	15 41	16 57	8 5	8 21	11 12			n.a.
S 27	1 16	9 19	0 24	13 53	2 30	10 42	1 31	23 50	0 28	23 11	0 38	19 34	1 28	23 56	0 34	17 21	1 32	15 41	16 57	8 5	8 23	11 11			n.a.
S 28	0 53	5 46	0s42	13 32	2 34	10 15	1 31	23 55	0 30	23 10	0 38	19 33	1 29	23 56	0 34	17 20	1 32	15 42	16 57	8 5	8 24	11 9			n.a.
M29	0 29	1 58	1 46	13 10	2 37	9 47	1 31	23 59	0 32	23 9	0 39	19 32	1 29	23 56	0 33	17 20	1 32	15 43	16 57	8 5	8 25	11 7			n.a.
T 30	0 6	1n58	2 46	12 46	2 40	9 19	1 31	24 4	0 35	23 8	0 39	19 30	1 29	23 56	0 33	17 20	1 32	15 43	16 57	8 6	8 26	11 6			n.a.
W31	0n17	5n51	3s39	12s20	2s42	8s51	1s31	24s 8	0s37	23s 7	0s39	19s29	1s29	23n56	0n33	17s20	1n32	15n44	16n57	8n 7	8n27	11s 4			n.a.

Julian Day Number = 1363172.5, Delta T = 06h57m09s
Ecliptic obliquity = 23°48'36, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°37'00, Lahiri = -17°30'00 Julian Calendar 1 March 981 BCE == Greg. Calendar 21 Feb. 981 BCE

The year -980 astronomical counting style corresponds to year 981 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 981 BCE
geocentric

APRIL 981 BCE (-980) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 0 20	1♈40'50	5♉49	6♓17	12♓30	21♐58	18♑55	9♒57	10♋37	23°R 1	29°R20	9°R28	8♍35	29♒33	n.a.	T 1
F 2	12 4 16	2°38'40	18°26	7°36	13°43	22°32	19° 4	10° 3	10°37	23♏ 0	29♍18	9♍25	8°32	29°40	n.a.	F 2
S 3	12 8 13	3°36'28	1♊17	8°58	14°56	23° 6	19°12	10° 8	10°38	22°59	29°16	9°22	8°28	29°47	n.a.	S 3
S 4	12 12 9	4°34'14	14°23	10°23	16°10	23°39	19°20	10°14	10°38	22°58	29°15	9°19	8°25	29°53	n.a.	S 4
M 5	12 16 6	5°31'59	27°47	11°49	17°23	24°12	19°28	10°19	10°39	22°57	29°13	9°18	8°22	29°59	n.a.	M 5
T 6	12 20 2	6°29'41	11♋29	13°18	18°36	24°46	19°36	10°24	10°39	22°56	29°11	9°D18	8°19	0♓ 6	n.a.	T 6
W 7	12 23 59	7°27'22	25°30	14°48	19°49	25°19	19°44	10°30	10°40	22°55	29°10	9°19	8°16	0°13	n.a.	W 7
T 8	12 27 55	8°25'01	9♌49	16°21	21° 2	25°52	19°51	10°35	10°40	22°54	29° 8	9°20	8°13	0°20	n.a.	T 8
F 9	12 31 52	9°22'38	24°25	17°57	22°16	26°24	19°59	10°40	10°41	22°53	29° 6	9°21	8° 9	0°26	n.a.	F 9
S 10	12 35 49	10°20'13	9♍13	19°34	23°29	26°57	20° 6	10°45	10°41	22°52	29° 5	9°R22	8° 6	0°33	n.a.	S 10
S 11	12 39 45	11°17'47	24° 7	21°13	24°42	27°29	20°13	10°50	10°42	22°51	29° 3	9°21	8° 3	0°40	n.a.	S 11
M12	12 43 42	12°15'20	8♎59	22°55	25°55	28° 1	20°20	10°54	10°43	22°50	29° 1	9°19	8° 0	0°46	n.a.	M12
T 13	12 47 38	13°12'51	23°43	24°38	27° 9	28°33	20°27	10°59	10°44	22°49	29° 0	9°15	7°57	0°53	n.a.	T 13
W14	12 51 35	14°10'20	8♏10	26°24	28°22	29° 5	20°34	11° 4	10°45	22°48	28°58	9°10	7°53	1° 0	n.a.	W14
T 15	12 55 31	15° 7'49	22°15	28°12	29°35	29°37	20°40	11° 8	10°46	22°47	28°56	9° 5	7°50	1° 6	n.a.	T 15
F 16	12 59 28	16° 5'17	5♐54	0♈ 2	0♈48	0♑ 8	20°47	11°13	10°47	22°45	28°55	9° 0	7°47	1°13	n.a.	F 16
S 17	13 3 24	17° 2'43	19° 7	1°54	2° 2	0°39	20°53	11°17	10°48	22°44	28°53	8°55	7°44	1°20	n.a.	S 17
S 18	13 7 21	18° 0'09	1♑55	3°48	3°15	1°10	20°59	11°22	10°49	22°43	28°52	8°53	7°41	1°26	n.a.	S 18
M19	13 11 18	18°57'34	14°21	5°45	4°28	1°41	21° 5	11°26	10°50	22°42	28°50	8°D51	7°38	1°33	n.a.	M19
T 20	13 15 14	19°54'58	26°30	7°43	5°41	2°11	21°11	11°30	10°51	22°40	28°49	8°51	7°34	1°40	n.a.	T 20
W21	13 19 11	20°52'21	8♒27	9°43	6°55	2°41	21°16	11°35	10°52	22°39	28°47	8°52	7°31	1°46	n.a.	W21
T 22	13 23 7	21°49'43	20°16	11°45	8° 8	3°11	21°22	11°39	10°54	22°38	28°46	8°54	7°28	1°53	n.a.	T 22
F 23	13 27 4	22°47'04	2♓ 3	13°49	9°21	3°41	21°27	11°43	10°55	22°36	28°44	8°55	7°25	1°59	n.a.	F 23
S 24	13 31 0	23°44'25	13°52	15°55	10°35	4°10	21°32	11°47	10°56	22°35	28°42	8°R55	7°22	2° 6	n.a.	S 24
S 25	13 34 57	24°41'45	25°47	18° 2	11°48	4°39	21°37	11°50	10°58	22°34	28°41	8°54	7°19	2°13	n.a.	S 25
M26	13 38 53	25°39'03	7♈51	20°10	13° 1	5° 8	21°42	11°54	10°59	22°32	28°40	8°50	7°15	2°19	n.a.	M26
T 27	13 42 50	26°36'21	20° 7	22°20	14°15	5°36	21°47	11°58	11° 1	22°31	28°38	8°44	7°12	2°26	n.a.	T 27
W28	13 46 46	27°33'38	2♉36	24°30	15°28	6° 5	21°51	12° 1	11° 2	22°29	28°37	8°37	7° 9	2°33	n.a.	W28
T 29	13 50 43	28°30'55	15°18	26°41	16°41	6°33	21°55	12° 5	11° 4	22°28	28°35	8°28	7° 6	2°39	n.a.	T 29
F 30	13 54 40	29♈28'10	28♉14	28♈53	17♈55	7♑ 0	21♑59	12♒ 8	11♋ 6	22♏27	28♍34	8♍20	7♍ 3	2♓46	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n41	9n33	4s22	11s52	2s43	8s23	1s31	24s12	0s39	23s 6	0s39	19s27	1s29	23n56	0n33	17s19	1n32	15n44	16n57	8n 8	8n29	11s 3		n.a.
F 2	1 4	12 52	4 54	11 22	2 44	7 54	1 31	24 17	0 41	23 5	0 39	19 26	1 29	23 56	0 33	17 19	1 32	15 45	16 57	8 10	8 30	11 1		n.a.
S 3	1 27	15 39	5 12	10 51	2 44	7 25	1 31	24 21	0 43	23 4	0 40	19 25	1 30	23 56	0 33	17 19	1 33	15 46	16 57	8 11	8 31	11 0		n.a.
S 4	1 51	17 42	5 13	10 19	2 44	6 56	1 31	24 24	0 45	23 3	0 40	19 23	1 30	23 56	0 33	17 19	1 33	15 46	16 57	8 12	8 32	10 58		n.a.
M 5	2 14	18 49	4 58	9 44	2 43	6 27	1 31	24 28	0 47	23 2	0 40	19 22	1 30	23 56	0 33	17 18	1 33	15 47	16 57	8 12	8 34	10 57		n.a.
T 6	2 37	18 53	4 26	9 8	2 41	5 58	1 30	24 32	0 50	23 1	0 40	19 21	1 30	23 56	0 33	17 18	1 33	15 47	16 57	8 12	8 35	10 55		n.a.
W 7	3 0	17 48	3 38	8 30	2 39	5 28	1 30	24 36	0 52	23 0	0 41	19 20	1 30	23 56	0 33	17 18	1 33	15 48	16 57	8 12	8 36	10 54		n.a.
T 8	3 23	15 34	2 35	7 51	2 36	4 58	1 30	24 39	0 54	22 59	0 41	19 18	1 31	23 56	0 33	17 17	1 33	15 49	16 57	8 11	8 37	10 52		n.a.
F 9	3 46	12 19	1 21	7 10	2 32	4 29	1 29	24 42	0 57	22 58	0 41	19 17	1 31	23 56	0 33	17 17	1 33	15 49	16 56	8 11	8 38	10 50		n.a.
S 10	4 9	8 14	0 1	6 28	2 28	3 59	1 29	24 46	0 59	22 58	0 41	19 16	1 31	23 55	0 33	17 17	1 33	15 50	16 56	8 11	8 40	10 49		n.a.
S 11	4 32	3 36	1n20	5 44	2 24	3 29	1 28	24 49	1 2	22 57	0 42	19 15	1 31	23 55	0 33	17 17	1 33	15 50	16 56	8 11	8 41	10 47		n.a.
M12	4 55	1s15	2 35	4 58	2 19	2 59	1 27	24 52	1 4	22 56	0 42	19 14	1 31	23 55	0 33	17 16	1 33	15 51	16 56	8 12	8 42	10 46		n.a.
T 13	5 18	5 57	3 39	4 11	2 13	2 28	1 26	24 55	1 7	22 55	0 42	19 13	1 32	23 55	0 33	17 16	1 33	15 51	16 56	8 13	8 43	10 44		n.a.
W14	5 40	10 14	4 28	3 23	2 7	1 58	1 26	24 57	1 9	22 54	0 42	19 11	1 32	23 55	0 33	17 16	1 33	15 52	16 56	8 15	8 44	10 43		n.a.
T 15	6 3	13 48	4 58	2 33	2 0	1 28	1 25	25 0	1 12	22 54	0 43	19 10	1 32	23 55	0 33	17 15	1 33	15 52	16 55	8 17	8 46	10 41		n.a.
F 16	6 25	16 31	5 11	1 42	1 53	0 57	1 24	25 3	1 14	22 53	0 43	19 9	1 32	23 55	0 33	17 15	1 33	15 53	16 55	8 19	8 47	10 40		n.a.
S 17	6 48	18 16	5 7	0 50	1 45	0 27	1 23	25 5	1 17	22 52	0 43	19 8	1 32	23 55	0 33	17 15	1 33	15 53	16 55	8 21	8 48	10 38		n.a.
S 18	7 10	19 1	4 47	0n 3	1 37	0n 4	1 22	25 8	1 20	22 51	0 43	19 7	1 33	23 55	0 33	17 14	1 33	15 54	16 55	8 22	8 49	10 36		n.a.
M19	7 32	18 49	4 14	0 58	1 28	0 34	1 21	25 10	1 22	22 51	0 44	19 6	1 33	23 55	0 33	17 14	1 33	15 54	16 55	8 22	8 50	10 35		n.a.
T 20	7 54	17 44	3 30	1 54	1 19	1 5	1 19	25 13	1 25	22 50	0 44	19 5	1 33	23 54	0 33	17 14	1 33	15 54	16 54	8 22	8 52	10 33		n.a.
W21	8 16	15 53	2 38	2 50	1 10	1 35	1 18	25 15	1 28	22 49	0 44	19 4	1 33	23 54	0 33	17 13	1 33	15 55	16 54	8 22	8 53	10 32		n.a.
T 22	8 38	13 23	1 40	3 48	1 0	2 6	1 17	25 17	1 31	22 49	0 44	19 3	1 33	23 54	0 33	17 13	1 33	15 55	16 54	8 21	8 54	10 30		n.a.
F 23	9 0	10 20	0 37	4 46	0 50	2 36	1 16	25 19	1 34	22 48	0 45	19 2	1 34	23 54	0 33	17 13	1 33	15 55	16 54	8 21	8 55	10 28		n.a.
S 24	9 21	6 51	0s27	5 44	0 40	3 7	1 14	25 21	1 37	22 48	0 45	19 1	1 34	23 54	0 33	17 12	1 33	15 56	16 53	8 21	8 56	10 27		n.a.
S 25	9 43	3 5	1 30	6 43	0 30	3 37	1 13	25 23	1 40	22 47	0 45	19 0	1 34	23 54	0 33	17 12	1 33	15 56	16 53	8 22	8 58	10 25		n.a.
M26	10 4	0n52	2 30	7 42	0 19	4 8	1 11	25 25	1 43	22 47	0 45	19 0	1 34	23 54	0 33	17 11	1 33	15 56	16 53	8 23	8 59	10 24		n.a.
T 27	10 25	4 50	3 24	8 42	0 8	4 38	1 10	25 27	1 46	22 46	0 46	18 59	1 35	23 53	0 33	17 11	1 33	15 57	16 52	8 25	9 0	10 22		n.a.
W28	10 46	8 40	4 9	9 40	0n 2	5 8	1 8	25 29	1 49	22 46	0 46	18 58	1 35	23 53	0 33	17 11	1 33	15 57	16 52	8 28	9 1	10 20		n.a.
T 29	11 7	12 11	4 42	10 39	0 13	5 38	1 7	25 30	1 52	22 45	0 46	18 57	1 35	23 53	0 33	17 10	1 33	15 57	16 52	8 31	9 2	10 19		n.a.
F 30	11n27	15n10	5s 2	11n36	0n23	6n 8	1s 5	25s32	1s55	22s45	0s46	18s56	1s35	23n53	0n33	17s10	1n33	15n58	16n51	8n34	9n 4	10s17		n.a.

Julian Day Number = 1363203.5, Delta T = 06h57m08s
Ecliptic obliquity = 23°48'36, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°36'56, Lahiri = -17°29'56 Julian Calendar 1 Apr. 981 BCE == Greg. Calendar 23 March 981 BCE

The year -980 astronomical counting style corresponds to year 981 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 981 BCE
geocentric

MAY 981 BCE (-980) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 58 36	0♉25'25	11♊22	1♉ 4	19♈ 8	7♑27	22♑ 3	12♒11	11♋ 8	22°R25	28°R32	8°R12	6♍59	2♓53	n.a.	S 1
S 2	14 2 33	1°22'38	24°44	3°16	20°21	7°54	22° 7	12°15	11° 9	22♏24	28♍31	8♍ 5	6°56	2°59	n.a.	S 2
M 3	14 6 29	2°19'51	8♋18	5°27	21°35	8°21	22°10	12°18	11°11	22°22	28°30	8° 0	6°53	3° 6	n.a.	M 3
T 4	14 10 26	3°17'02	22° 3	7°38	22°48	8°47	22°14	12°21	11°13	22°21	28°29	7°58	6°50	3°13	n.a.	T 4
W 5	14 14 22	4°14'13	6♌ 0	9°48	24° 2	9°13	22°17	12°24	11°15	22°19	28°27	7°D57	6°47	3°19	n.a.	W 5
T 6	14 18 19	5°11'23	20° 7	11°56	25°15	9°38	22°20	12°27	11°17	22°18	28°26	7°58	6°44	3°26	n.a.	T 6
F 7	14 22 16	6° 8'31	4♍25	14° 3	26°28	10° 4	22°23	12°29	11°19	22°16	28°25	7°R59	6°40	3°32	n.a.	F 7
S 8	14 26 12	7° 5'39	18°51	16° 9	27°42	10°28	22°26	12°32	11°21	22°15	28°23	7°58	6°37	3°39	n.a.	S 8
S 9	14 30 9	8° 2'46	3♎21	18°13	28°55	10°53	22°28	12°35	11°23	22°13	28°22	7°56	6°34	3°46	n.a.	S 9
M10	14 34 5	8°59'53	17°52	20°15	0♉ 9	11°17	22°30	12°37	11°25	22°11	28°21	7°51	6°31	3°52	n.a.	M10
T 11	14 38 2	9°56'58	2♏16	22°15	1°22	11°40	22°32	12°40	11°27	22°10	28°20	7°44	6°28	3°59	n.a.	T 11
W12	14 41 58	10°54'04	16°29	24°14	2°35	12° 3	22°34	12°42	11°30	22° 8	28°19	7°35	6°24	4° 6	n.a.	W12
T 13	14 45 55	11°51'09	0♐25	26°10	3°49	12°26	22°36	12°44	11°32	22° 7	28°18	7°25	6°21	4°12	n.a.	T 13
F 14	14 49 51	12°48'14	13°59	28° 4	5° 2	12°48	22°37	12°46	11°34	22° 5	28°17	7°15	6°18	4°19	n.a.	F 14
S 15	14 53 48	13°45'18	27°10	29°56	6°16	13°10	22°39	12°48	11°37	22° 4	28°16	7° 6	6°15	4°26	n.a.	S 15
S 16	14 57 45	14°42'23	9♑57	1♊46	7°29	13°31	22°40	12°50	11°39	22° 2	28°15	6°59	6°12	4°32	n.a.	S 16
M17	15 1 41	15°39'27	22°24	3°33	8°43	13°52	22°41	12°52	11°41	22° 0	28°14	6°55	6° 9	4°39	n.a.	M17
T 18	15 5 38	16°36'32	4♒34	5°18	9°56	14°13	22°42	12°54	11°44	21°59	28°13	6°52	6° 5	4°46	n.a.	T 18
W19	15 9 34	17°33'36	16°31	7° 1	11°10	14°33	22°42	12°55	11°46	21°57	28°12	6°D51	6° 2	4°52	n.a.	W19
T 20	15 13 31	18°30'41	28°21	8°42	12°24	14°52	22°43	12°57	11°49	21°56	28°11	6°52	5°59	4°59	n.a.	T 20
F 21	15 17 27	19°27'45	10♓ 9	10°20	13°37	15°11	22°R43	12°58	11°52	21°54	28°10	6°R52	5°56	5° 6	n.a.	F 21
S 22	15 21 24	20°24'50	22° 1	11°56	14°51	15°29	22°43	12°59	11°54	21°52	28° 9	6°51	5°53	5°12	n.a.	S 22
S 23	15 25 20	21°21'55	4♈ 1	13°30	16° 4	15°47	22°43	13° 1	11°57	21°51	28° 8	6°48	5°50	5°19	n.a.	S 23
M24	15 29 17	22°19'00	16°13	15° 2	17°18	16° 4	22°42	13° 2	12° 0	21°49	28° 7	6°42	5°46	5°25	n.a.	M24
T 25	15 33 14	23°16'05	28°40	16°31	18°32	16°20	22°42	13° 3	12° 2	21°47	28° 7	6°34	5°43	5°32	n.a.	T 25
W26	15 37 10	24°13'11	11♉24	17°58	19°45	16°36	22°41	13° 4	12° 5	21°46	28° 6	6°24	5°40	5°39	n.a.	W26
T 27	15 41 7	25°10'17	24°26	19°23	20°59	16°52	22°40	13° 5	12° 8	21°44	28° 5	6°12	5°37	5°45	n.a.	T 27
F 28	15 45 3	26° 7'22	7♊44	20°45	22°12	17° 6	22°39	13° 5	12°11	21°43	28° 4	6° 0	5°34	5°52	n.a.	F 28
S 29	15 49 0	27° 4'28	21°16	22° 4	23°26	17°20	22°37	13° 6	12°14	21°41	28° 4	5°49	5°30	5°59	n.a.	S 29
S 30	15 52 56	28° 1'34	5♋ 0	23°22	24°40	17°34	22°36	13° 6	12°17	21°39	28° 3	5°39	5°27	6° 5	n.a.	S 30
M31	15 56 53	28♉58'40	18♋53	24♊36	25♉54	17♑46	22♑34	13♒ 7	12♋19	21♏38	28♍ 3	5♍32	5♍24	6♓12	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n48	17n26	5s 6	12n33	0n33	6n38	1s 3	25s34	1s58	22s44	0s47	18s56	1s35	23n53	0n33	17s10	1n33	15n58	16n51	8n38	9n 5	10s16		n.a.
S 2	12 8	18 48	4 54	13 28	0 43	7 8	1 1	25 35	2 1	22 44	0 47	18 55	1 36	23 53	0 33	17 9	1 33	15 58	16 51	8 40	9 6	10 14		n.a.
M 3	12 28	19 8	4 25	14 22	0 53	7 37	1 0	25 37	2 5	22 44	0 47	18 54	1 36	23 52	0 33	17 9	1 33	15 58	16 50	8 42	9 7	10 12		n.a.
T 4	12 48	18 20	3 41	15 15	1 2	8 7	0 58	25 39	2 8	22 43	0 48	18 54	1 36	23 52	0 33	17 8	1 33	15 58	16 50	8 43	9 8	10 11		n.a.
W 5	13 8	16 26	2 43	16 5	1 11	8 36	0 56	25 40	2 12	22 43	0 48	18 53	1 36	23 52	0 33	17 8	1 33	15 59	16 50	8 43	9 10	10 9		n.a.
T 6	13 27	13 31	1 34	16 54	1 19	9 5	0 54	25 42	2 15	22 43	0 48	18 52	1 37	23 52	0 33	17 8	1 33	15 59	16 49	8 43	9 11	10 8		n.a.
F 7	13 46	9 45	0 19	17 40	1 26	9 34	0 52	25 43	2 18	22 43	0 48	18 52	1 37	23 52	0 33	17 7	1 33	15 59	16 49	8 42	9 12	10 6		n.a.
S 8	14 6	5 22	0n58	18 25	1 33	10 2	0 50	25 45	2 22	22 43	0 49	18 51	1 37	23 51	0 33	17 7	1 33	15 59	16 48	8 43	9 13	10 4		n.a.
S 9	14 24	0 39	2 12	19 7	1 40	10 31	0 48	25 46	2 25	22 43	0 49	18 51	1 37	23 51	0 33	17 6	1 33	15 59	16 48	8 43	9 14	10 3		n.a.
M10	14 43	4s 6	3 16	19 46	1 45	10 59	0 46	25 48	2 29	22 42	0 49	18 50	1 38	23 51	0 33	17 6	1 33	15 59	16 48	8 45	9 16	10 1		n.a.
T 11	15 1	8 34	4 8	20 23	1 50	11 27	0 44	25 49	2 33	22 42	0 49	18 50	1 38	23 51	0 33	17 6	1 33	15 59	16 47	8 48	9 17	10 0		n.a.
W12	15 20	12 30	4 44	20 58	1 55	11 54	0 42	25 51	2 36	22 42	0 50	18 49	1 38	23 51	0 33	17 5	1 33	15 59	16 47	8 51	9 18	9 58		n.a.
T 13	15 38	15 38	5 2	21 30	1 58	12 22	0 40	25 53	2 40	22 42	0 50	18 49	1 38	23 50	0 33	17 5	1 33	16 0	16 46	8 55	9 19	9 56		n.a.
F 14	15 55	17 50	5 2	22 0	2 1	12 49	0 37	25 54	2 44	22 42	0 50	18 49	1 38	23 50	0 33	17 4	1 33	16 0	16 46	8 59	9 20	9 55		n.a.
S 15	16 13	19 1	4 46	22 27	2 3	13 16	0 35	25 56	2 48	22 42	0 51	18 48	1 39	23 50	0 32	17 4	1 33	16 0	16 45	9 2	9 21	9 53		n.a.
S 16	16 30	19 11	4 15	22 52	2 5	13 42	0 33	25 57	2 52	22 42	0 51	18 48	1 39	23 50	0 32	17 3	1 33	16 0	16 45	9 5	9 23	9 51		n.a.
M17	16 47	18 24	3 34	23 14	2 6	14 8	0 31	25 59	2 56	22 43	0 51	18 48	1 39	23 50	0 32	17 3	1 33	16 0	16 45	9 7	9 24	9 50		n.a.
T 18	17 4	16 47	2 43	23 35	2 6	14 34	0 28	26 1	3 0	22 43	0 51	18 47	1 39	23 49	0 32	17 3	1 33	16 0	16 44	9 8	9 25	9 48		n.a.
W19	17 20	14 26	1 46	23 52	2 5	15 0	0 26	26 3	3 4	22 43	0 52	18 47	1 40	23 49	0 32	17 2	1 33	16 0	16 44	9 8	9 26	9 46		n.a.
T 20	17 36	11 31	0 45	24 8	2 4	15 25	0 24	26 4	3 8	22 43	0 52	18 47	1 40	23 49	0 32	17 2	1 33	15 59	16 43	9 8	9 27	9 45		n.a.
F 21	17 52	8 9	0s18	24 21	2 2	15 50	0 22	26 6	3 12	22 43	0 52	18 47	1 40	23 49	0 32	17 1	1 33	15 59	16 43	9 8	9 29	9 43		n.a.
S 22	18 8	4 26	1 20	24 33	2 0	16 14	0 19	26 8	3 16	22 44	0 53	18 47	1 40	23 48	0 32	17 1	1 33	15 59	16 42	9 8	9 30	9 41		n.a.
S 23	18 23	0 30	2 19	24 42	1 56	16 38	0 17	26 10	3 20	22 44	0 53	18 47	1 41	23 48	0 32	17 1	1 33	15 59	16 42	9 9	9 31	9 40		n.a.
M24	18 38	3n31	3 13	24 49	1 53	17 1	0 15	26 12	3 24	22 44	0 53	18 46	1 41	23 48	0 32	17 0	1 33	15 59	16 41	9 11	9 32	9 38		n.a.
T 25	18 53	7 27	3 59	24 55	1 48	17 25	0 12	26 14	3 28	22 45	0 53	18 46	1 41	23 48	0 32	17 0	1 33	15 59	16 41	9 14	9 33	9 37		n.a.
W26	19 7	11 9	4 33	24 58	1 43	17 47	0 10	26 17	3 33	22 45	0 54	18 46	1 41	23 47	0 32	16 59	1 33	15 59	16 40	9 18	9 35	9 35		n.a.
T 27	19 21	14 24	4 55	25 0	1 38	18 9	0 8	26 19	3 37	22 46	0 54	18 46	1 42	23 47	0 32	16 59	1 33	15 59	16 40	9 22	9 36	9 33		n.a.
F 28	19 35	16 59	5 1	25 0	1 32	18 31	0 5	26 21	3 41	22 46	0 54	18 46	1 42	23 47	0 32	16 59	1 33	15 58	16 39	9 27	9 37	9 32		n.a.
S 29	19 48	18 41	4 50	24 59	1 25	18 52	0 3	26 24	3 46	22 47	0 55	18 46	1 42	23 46	0 32	16 58	1 33	15 58	16 39	9 31	9 38	9 30		n.a.
S 30	20 2	19 20	4 23	24 56	1 18	19 13	0 0	26 26	3 50	22 47	0 55	18 47	1 42	23 46	0 32	16 58	1 33	15 58	16 38	9 35	9 39	9 28		n.a.
M31	20n14	18n50	3s40	24n52	1n10	19n34	0n 2	26s29	3s55	22s48	0s55	18s47	1s43	23n46	0n32	16s57	1n33	15n58	16n38	9n37	9n40	9s27		n.a.

Julian Day Number = 1363233.5, Delta T = 06h57m06s
Ecliptic obliquity = 23°48'36, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°36'52, Lahiri = -17°29'52 Julian Calendar 1 May 981 BCE == Greg. Calendar 22 Apr. 981 BCE

The year -980 astronomical counting style corresponds to year 981 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 981 BCE
geocentric

JUNE 981 BCE (-980) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 0 50	29♉55'46	2♌52	25♊48	27♉ 7	17♉59	22°R32	13♒ 7	12♋22	21°R36	28°R 2	5°R28	5♍21	6♓19	n.a.	T 1
W 2	16 4 46	0♊52'53	16°55	26°58	28°21	18°10	22♉30	13° 7	12°25	21♏35	28♍ 1	5♍26	5°18	6°25	n.a.	W 2
T 3	16 8 43	1°49'59	1♍ 1	28° 4	29°35	18°21	22°28	13° 7	12°28	21°33	28° 1	5°26	5°15	6°32	n.a.	T 3
F 4	16 12 39	2°47'05	15° 9	29° 8	0♊48	18°31	22°25	13°R 7	12°32	21°31	28° 0	5°26	5°11	6°39	n.a.	F 4
S 5	16 16 36	3°44'11	29°19	0♋ 9	2° 2	18°40	22°23	13° 7	12°35	21°30	28° 0	5°25	5° 8	6°45	n.a.	S 5
S 6	16 20 32	4°41'17	13♎27	1° 7	3°16	18°49	22°20	13° 7	12°38	21°28	28° 0	5°22	5° 5	6°52	n.a.	S 6
M 7	16 24 29	5°38'23	27°33	2° 2	4°30	18°57	22°17	13° 7	12°41	21°27	27°59	5°16	5° 2	6°58	n.a.	M 7
T 8	16 28 25	6°35'30	11♏33	2°53	5°44	19° 4	22°13	13° 6	12°44	21°25	27°59	5° 7	4°59	7° 5	n.a.	T 8
W 9	16 32 22	7°32'37	25°22	3°42	6°57	19°10	22°10	13° 6	12°47	21°24	27°59	4°56	4°56	7°12	n.a.	W 9
T 10	16 36 19	8°29'45	8♐58	4°26	8°11	19°16	22° 6	13° 5	12°51	21°22	27°58	4°44	4°52	7°18	n.a.	T 10
F 11	16 40 15	9°26'53	22°17	5° 7	9°25	19°21	22° 3	13° 5	12°54	21°21	27°58	4°32	4°49	7°25	n.a.	F 11
S 12	16 44 12	10°24'02	5♑17	5°44	10°39	19°25	21°59	13° 4	12°57	21°19	27°58	4°21	4°46	7°32	n.a.	S 12
S 13	16 48 8	11°21'12	17°58	6°18	11°53	19°28	21°55	13° 3	13° 0	21°18	27°58	4°12	4°43	7°38	n.a.	S 13
M14	16 52 5	12°18'22	0♒21	6°47	13° 7	19°31	21°50	13° 2	13° 4	21°16	27°58	4° 6	4°40	7°45	n.a.	M14
T 15	16 56 1	13°15'34	12°29	7°11	14°20	19°33	21°46	13° 1	13° 7	21°15	27°58	4° 2	4°36	7°52	n.a.	T 15
W16	16 59 58	14°12'46	24°26	7°32	15°34	19°34	21°41	13° 0	13°10	21°13	27°57	4° 1	4°33	7°58	n.a.	W16
T 17	17 3 54	15°10'00	6♓16	7°48	16°48	19°R34	21°36	12°58	13°14	21°12	27°57	4°D 1	4°30	8° 5	n.a.	T 17
F 18	17 7 51	16° 7'14	18° 4	7°59	18° 2	19°33	21°31	12°57	13°17	21°10	27°D57	4°R 1	4°27	8°12	n.a.	F 18
S 19	17 11 48	17° 4'30	29°57	8° 5	19°16	19°32	21°26	12°55	13°21	21° 9	27°57	4° 0	4°24	8°18	n.a.	S 19
S 20	17 15 44	18° 1'47	11♈59	8°R 6	20°30	19°30	21°21	12°54	13°24	21° 7	27°58	3°58	4°21	8°25	n.a.	S 20
M21	17 19 41	18°59'05	24°15	8° 2	21°44	19°27	21°16	12°52	13°28	21° 6	27°58	3°53	4°17	8°32	n.a.	M21
T 22	17 23 37	19°56'24	6♉50	7°54	22°58	19°23	21°10	12°50	13°31	21° 5	27°58	3°46	4°14	8°38	n.a.	T 22
W23	17 27 34	20°53'44	19°45	7°40	24°12	19°18	21° 4	12°48	13°35	21° 3	27°58	3°37	4°11	8°45	n.a.	W23
T 24	17 31 30	21°51'05	3♊ 2	7°21	25°26	19°13	20°59	12°47	13°38	21° 2	27°58	3°26	4° 8	8°51	n.a.	T 24
F 25	17 35 27	22°48'28	16°40	6°57	26°40	19° 6	20°53	12°44	13°42	21° 1	27°58	3°15	4° 5	8°58	n.a.	F 25
S 26	17 39 24	23°45'52	0♋36	6°28	27°54	19° 0	20°46	12°42	13°45	20°59	27°59	3° 4	4° 1	9° 5	n.a.	S 26
S 27	17 43 20	24°43'17	14°45	5°55	29° 9	18°52	20°40	12°40	13°49	20°58	27°59	2°56	3°58	9°11	n.a.	S 27
M28	17 47 17	25°40'43	29° 2	5°18	0♋23	18°43	20°34	12°38	13°53	20°57	27°59	2°49	3°55	9°18	n.a.	M28
T 29	17 51 13	26°38'09	13♌23	4°38	1°37	18°34	20°27	12°35	13°56	20°56	28° 0	2°46	3°52	9°25	n.a.	T 29
W30	17 55 10	27♊35'37	27♌43	3♋54	2♋51	18♉25	20♉21	12♒33	14♋ 0	20♏54	28♍ 0	2°D44	3♍49	9♓31	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n27	17n10	2s43	24n46	1n 2	19n53	0n 4	26s32	3s59	22s48	0s56	18s47	1s43	23n46	0n32	16s57	1n33	15n57	16n37	9n39	9n42	9s25		n.a.
W 2	20 39	14 29	1 36	24 39	0 53	20 12	0 7	26 35	4 4	22 49	0 56	18 47	1 43	23 45	0 32	16 57	1 33	15 57	16 36	9 40	9 43	9 23		n.a.
T 3	20 51	10 55	0 23	24 31	0 43	20 31	0 9	26 38	4 8	22 50	0 56	18 47	1 43	23 45	0 32	16 56	1 33	15 57	16 36	9 40	9 44	9 22		n.a.
F 4	21 2	6 43	0n51	24 22	0 34	20 49	0 11	26 41	4 13	22 50	0 56	18 47	1 44	23 45	0 32	16 56	1 33	15 57	16 35	9 40	9 45	9 20		n.a.
S 5	21 13	2 9	2 3	24 12	0 23	21 7	0 14	26 44	4 17	22 51	0 57	18 48	1 44	23 44	0 32	16 55	1 33	15 56	16 35	9 40	9 46	9 18		n.a.
S 6	21 24	2s32	3 7	24 1	0 13	21 24	0 16	26 47	4 22	22 52	0 57	18 48	1 44	23 44	0 32	16 55	1 33	15 56	16 34	9 41	9 48	9 17		n.a.
M 7	21 35	7 3	3 59	23 49	0 1	21 40	0 18	26 51	4 27	22 53	0 57	18 48	1 44	23 44	0 32	16 55	1 33	15 55	16 34	9 44	9 49	9 15		n.a.
T 8	21 45	11 9	4 36	23 36	0s10	21 56	0 21	26 54	4 31	22 53	0 58	18 49	1 45	23 43	0 32	16 54	1 33	15 55	16 33	9 47	9 50	9 13		n.a.
W 9	21 54	14 36	4 57	23 23	0 22	22 11	0 23	26 58	4 36	22 54	0 58	18 49	1 45	23 43	0 32	16 54	1 33	15 55	16 33	9 51	9 51	9 11		n.a.
T 10	22 4	17 12	5 0	23 9	0 35	22 26	0 25	27 2	4 40	22 55	0 58	18 49	1 45	23 43	0 32	16 53	1 33	15 54	16 32	9 55	9 52	9 10		n.a.
F 11	22 13	18 49	4 47	22 55	0 47	22 39	0 27	27 5	4 45	22 56	0 58	18 50	1 45	23 42	0 32	16 53	1 33	15 54	16 31	10 0	9 53	9 8		n.a.
S 12	22 21	19 24	4 19	22 41	1 1	22 53	0 30	27 9	4 50	22 57	0 59	18 50	1 46	23 42	0 32	16 53	1 33	15 53	16 31	10 4	9 55	9 6		n.a.
S 13	22 29	18 59	3 38	22 26	1 14	23 5	0 32	27 13	4 54	22 58	0 59	18 51	1 46	23 42	0 32	16 52	1 33	15 53	16 30	10 7	9 56	9 5		n.a.
M14	22 37	17 39	2 48	22 11	1 27	23 17	0 34	27 18	4 59	22 59	0 59	18 51	1 46	23 41	0 32	16 52	1 33	15 53	16 30	10 9	9 57	9 3		n.a.
T 15	22 45	15 32	1 52	21 56	1 41	23 28	0 36	27 22	5 4	23 0	0 59	18 52	1 46	23 41	0 32	16 52	1 33	15 52	16 29	10 11	9 58	9 1		n.a.
W16	22 52	12 47	0 51	21 41	1 55	23 39	0 38	27 26	5 8	23 1	1 0	18 53	1 47	23 41	0 32	16 51	1 33	15 52	16 29	10 11	9 59	9 0		n.a.
T 17	22 58	9 32	0s12	21 26	2 9	23 49	0 40	27 31	5 13	23 2	1 0	18 53	1 47	23 40	0 32	16 51	1 33	15 51	16 28	10 11	10 0	8 58		n.a.
F 18	23 4	5 55	1 14	21 11	2 23	23 58	0 43	27 35	5 17	23 3	1 0	18 54	1 47	23 40	0 32	16 50	1 33	15 50	16 27	10 11	10 2	8 56		n.a.
S 19	23 10	2 3	2 13	20 57	2 37	24 7	0 45	27 40	5 22	23 4	1 1	18 54	1 47	23 40	0 32	16 50	1 33	15 50	16 27	10 12	10 3	8 55		n.a.
S 20	23 16	1n56	3 7	20 43	2 51	24 14	0 47	27 45	5 26	23 5	1 1	18 55	1 48	23 39	0 32	16 50	1 33	15 49	16 26	10 12	10 4	8 53		n.a.
M21	23 21	5 56	3 54	20 30	3 4	24 21	0 49	27 50	5 31	23 6	1 1	18 56	1 48	23 39	0 32	16 49	1 33	15 49	16 26	10 14	10 5	8 51		n.a.
T 22	23 25	9 45	4 30	20 17	3 18	24 28	0 50	27 54	5 35	23 7	1 1	18 57	1 48	23 39	0 32	16 49	1 33	15 48	16 25	10 17	10 6	8 49		n.a.
W23	23 29	13 14	4 54	20 5	3 30	24 33	0 52	27 59	5 39	23 9	1 2	18 57	1 48	23 38	0 32	16 49	1 33	15 48	16 24	10 20	10 8	8 48		n.a.
T 24	23 33	16 9	5 2	19 54	3 42	24 38	0 54	28 4	5 44	23 10	1 2	18 58	1 48	23 38	0 32	16 48	1 32	15 47	16 24	10 24	10 9	8 46		n.a.
F 25	23 37	18 15	4 54	19 44	3 53	24 42	0 56	28 9	5 48	23 11	1 2	18 59	1 49	23 37	0 32	16 48	1 32	15 46	16 23	10 28	10 10	8 44		n.a.
S 26	23 40	19 20	4 29	19 35	4 4	24 45	0 58	28 14	5 52	23 12	1 2	19 0	1 49	23 37	0 32	16 48	1 32	15 46	16 23	10 32	10 11	8 43		n.a.
S 27	23 42	19 14	3 46	19 28	4 13	24 48	1 0	28 19	5 56	23 13	1 3	19 1	1 49	23 37	0 32	16 48	1 32	15 45	16 22	10 35	10 12	8 41		n.a.
M28	23 44	17 54	2 49	19 21	4 21	24 50	1 1	28 25	6 0	23 15	1 3	19 2	1 49	23 36	0 32	16 47	1 32	15 44	16 21	10 38	10 13	8 39		n.a.
T 29	23 46	15 27	1 41	19 16	4 28	24 51	1 3	28 30	6 3	23 16	1 3	19 2	1 50	23 36	0 32	16 47	1 32	15 44	16 21	10 39	10 15	8 37		n.a.
W30	23n47	12n 2	0s27	19n12	4s33	24n51	1n 5	28s35	6s 7	23s17	1s 3	19s 3	1s50	23n36	0n32	16s47	1n32	15n43	16n20	10n39	10n16	8s36		n.a.

Julian Day Number = 1363264.5, Delta T = 06h57m05s
Ecliptic obliquity = 23°48'35, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°36'48, Lahiri = -17°29'47 Julian Calendar 1 June 981 BCE == Greg. Calendar 23 May 981 BCE

The year -980 astronomical counting style corresponds to year 981 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 981 BCE
geocentric

JULY 981 BCE (-980) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 59 6	28♊33'06	11♍59	3°R 9	4♋ 5	18°R14	20°R14	12°R30	14♋ 3	20°R53	28♍ 1	2♍44	3♍46	9♓38	n.a.	T 1
F 2	18 3 3	29°30'35	26° 9	2♋21	5°19	18♉ 3	20♉ 7	12♒27	14° 7	20♏52	28° 1	2°R45	3°42	9°45	n.a.	F 2
S 3	18 6 59	0♋28'05	10♎11	1°34	6°33	17°52	20° 0	12°25	14°11	20°51	28° 2	2°44	3°39	9°51	n.a.	S 3
S 4	18 10 56	1°25'37	24° 6	0°46	7°47	17°39	19°53	12°22	14°14	20°50	28° 2	2°42	3°36	9°58	n.a.	S 4
M 5	18 14 53	2°23'09	7♏52	29♊59	9° 2	17°27	19°46	12°19	14°18	20°49	28° 3	2°38	3°33	10° 5	n.a.	M 5
T 6	18 18 49	3°20'43	21°28	29°15	10°16	17°14	19°39	12°16	14°22	20°48	28° 3	2°31	3°30	10°11	n.a.	T 6
W 7	18 22 46	4°18'18	4♐53	28°33	11°30	17° 0	19°32	12°13	14°26	20°46	28° 4	2°23	3°27	10°18	n.a.	W 7
T 8	18 26 42	5°15'54	18° 5	27°55	12°44	16°46	19°24	12°10	14°29	20°45	28° 5	2°13	3°23	10°25	n.a.	T 8
F 9	18 30 39	6°13'32	1♑ 3	27°22	13°58	16°31	19°17	12° 6	14°33	20°44	28° 5	2° 3	3°20	10°31	n.a.	F 9
S 10	18 34 35	7°11'11	13°47	26°54	15°13	16°17	19° 9	12° 3	14°37	20°43	28° 6	1°54	3°17	10°38	n.a.	S 10
S 11	18 38 32	8° 8'51	26°15	26°32	16°27	16° 1	19° 2	12° 0	14°40	20°42	28° 7	1°47	3°14	10°44	n.a.	S 11
M12	18 42 28	9° 6'33	8♒30	26°16	17°41	15°46	18°54	11°56	14°44	20°42	28° 8	1°42	3°11	10°51	n.a.	M12
T 13	18 46 25	10° 4'17	20°33	26° 8	18°55	15°30	18°46	11°53	14°48	20°41	28° 9	1°40	3° 7	10°58	n.a.	T 13
W14	18 50 22	11° 2'02	2♓26	26°D 6	20°10	15°15	18°39	11°49	14°52	20°40	28° 9	1°D39	3° 4	11° 4	n.a.	W14
T 15	18 54 18	11°59'50	14°15	26°12	21°24	14°59	18°31	11°45	14°55	20°39	28°10	1°40	3° 1	11°11	n.a.	T 15
F 16	18 58 15	12°57'39	26° 3	26°26	22°38	14°43	18°23	11°42	14°59	20°38	28°11	1°41	2°58	11°18	n.a.	F 16
S 17	19 2 11	13°55'29	7♈55	26°48	23°53	14°26	18°15	11°38	15° 3	20°37	28°12	1°42	2°55	11°24	n.a.	S 17
S 18	19 6 8	14°53'22	19°57	27°17	25° 7	14°10	18° 7	11°34	15° 7	20°36	28°13	1°R42	2°52	11°31	n.a.	S 18
M19	19 10 4	15°51'17	2♉13	27°54	26°21	13°54	17°59	11°30	15°10	20°36	28°14	1°41	2°48	11°38	n.a.	M19
T 20	19 14 1	16°49'14	14°49	28°38	27°36	13°38	17°51	11°26	15°14	20°35	28°15	1°37	2°45	11°44	n.a.	T 20
W21	19 17 57	17°47'13	27°48	29°30	28°50	13°22	17°44	11°22	15°18	20°34	28°16	1°32	2°42	11°51	n.a.	W21
T 22	19 21 54	18°45'13	11♊11	0♋29	0♌ 4	13° 7	17°36	11°18	15°22	20°34	28°18	1°26	2°39	11°58	n.a.	T 22
F 23	19 25 51	19°43'16	25° 0	1°35	1°19	12°51	17°28	11°14	15°25	20°33	28°19	1°19	2°36	12° 4	n.a.	F 23
S 24	19 29 47	20°41'21	9♋11	2°47	2°33	12°36	17°20	11°10	15°29	20°32	28°20	1°13	2°33	12°11	n.a.	S 24
S 25	19 33 44	21°39'27	23°41	4° 5	3°47	12°21	17°12	11° 5	15°33	20°32	28°21	1° 8	2°29	12°18	n.a.	S 25
M26	19 37 40	22°37'36	8♌22	5°28	5° 2	12° 7	17° 4	11° 1	15°37	20°31	28°23	1° 4	2°26	12°24	n.a.	M26
T 27	19 41 37	23°35'46	23° 7	6°57	6°16	11°53	16°56	10°57	15°40	20°31	28°24	1° 2	2°23	12°31	n.a.	T 27
W28	19 45 33	24°33'58	7♍50	8°30	7°31	11°39	16°49	10°52	15°44	20°30	28°25	1°D 2	2°20	12°37	n.a.	W28
T 29	19 49 30	25°32'11	22°25	10° 8	8°45	11°26	16°41	10°48	15°48	20°30	28°26	1° 3	2°17	12°44	n.a.	T 29
F 30	19 53 26	26°30'26	6♎48	11°49	9°59	11°13	16°33	10°44	15°52	20°29	28°28	1° 5	2°13	12°51	n.a.	F 30
S 31	19 57 23	27♋28'43	20♎55	13♋33	11♌14	11♉ 1	16♉26	10♒39	15♋55	20♏29	28♍29	1°R 6	2♍10	12♓57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n48	7n56	0n49	19n10	4s37	24n51	1n 6	28s40	6s11	23s18	1s 3	19s 4	1s50	23n35	0n32	16s46	1n32	15n42	16n20	10n39	10n17	8s34			n.a.
F 2	23 49	3 25	2 2	19 9	4 38	24 50	1 8	28 45	6 14	23 19	1 4	19 5	1 50	23 35	0 32	16 46	1 32	15 42	16 19	10 39	10 18	8 32			n.a.
S 3	23 49	1s15	3 6	19 10	4 38	24 48	1 9	28 49	6 17	23 21	1 4	19 6	1 50	23 34	0 32	16 46	1 32	15 41	16 19	10 39	10 19	8 30			n.a.
S 4	23 48	5 47	3 59	19 12	4 37	24 45	1 11	28 54	6 20	23 22	1 4	19 7	1 51	23 34	0 32	16 46	1 32	15 40	16 18	10 40	10 20	8 29			n.a.
M 5	23 47	9 59	4 37	19 15	4 33	24 42	1 12	28 59	6 23	23 23	1 4	19 8	1 51	23 34	0 32	16 45	1 32	15 39	16 17	10 42	10 22	8 27			n.a.
T 6	23 46	13 35	4 59	19 21	4 28	24 37	1 13	29 4	6 26	23 25	1 5	19 9	1 51	23 33	0 32	16 45	1 32	15 39	16 17	10 44	10 23	8 25			n.a.
W 7	23 44	16 27	5 5	19 27	4 21	24 32	1 14	29 8	6 29	23 26	1 5	19 11	1 51	23 33	0 32	16 45	1 32	15 38	16 16	10 47	10 24	8 23			n.a.
T 8	23 42	18 24	4 54	19 36	4 12	24 27	1 16	29 12	6 31	23 27	1 5	19 12	1 52	23 32	0 32	16 45	1 32	15 37	16 16	10 51	10 25	8 22			n.a.
F 9	23 40	19 21	4 27	19 45	4 2	24 20	1 17	29 17	6 34	23 28	1 5	19 13	1 52	23 32	0 32	16 44	1 32	15 36	16 15	10 54	10 26	8 20			n.a.
S 10	23 37	19 18	3 48	19 57	3 50	24 13	1 18	29 21	6 36	23 30	1 5	19 14	1 52	23 32	0 32	16 44	1 32	15 35	16 14	10 58	10 27	8 18			n.a.
S 11	23 33	18 18	2 59	20 9	3 37	24 5	1 19	29 25	6 38	23 31	1 5	19 15	1 52	23 31	0 32	16 44	1 32	15 34	16 14	11 0	10 29	8 16			n.a.
M12	23 29	16 28	2 1	20 22	3 23	23 56	1 20	29 28	6 40	23 32	1 6	19 16	1 52	23 31	0 32	16 44	1 32	15 34	16 13	11 2	10 30	8 15			n.a.
T 13	23 25	13 55	1 0	20 37	3 8	23 47	1 21	29 32	6 41	23 33	1 6	19 17	1 52	23 30	0 32	16 44	1 32	15 33	16 13	11 3	10 31	8 13			n.a.
W14	23 21	10 50	0s 4	20 53	2 53	23 37	1 22	29 35	6 43	23 35	1 6	19 19	1 53	23 30	0 32	16 43	1 32	15 32	16 12	11 3	10 32	8 11			n.a.
T 15	23 16	7 20	1 8	21 9	2 36	23 26	1 22	29 38	6 44	23 36	1 6	19 20	1 53	23 29	0 32	16 43	1 32	15 31	16 12	11 3	10 33	8 9			n.a.
F 16	23 10	3 33	2 8	21 26	2 20	23 14	1 23	29 41	6 45	23 37	1 6	19 21	1 53	23 29	0 32	16 43	1 32	15 30	16 11	11 2	10 34	8 8			n.a.
S 17	23 4	0n23	3 3	21 43	2 3	23 2	1 24	29 44	6 46	23 38	1 6	19 22	1 53	23 29	0 32	16 43	1 31	15 29	16 10	11 2	10 36	8 6			n.a.
S 18	22 58	4 21	3 52	22 1	1 46	22 49	1 24	29 46	6 46	23 40	1 7	19 24	1 53	23 28	0 32	16 43	1 31	15 28	16 10	11 2	10 37	8 4			n.a.
M19	22 51	8 13	4 30	22 18	1 29	22 36	1 25	29 49	6 47	23 41	1 7	19 25	1 54	23 28	0 32	16 43	1 31	15 27	16 9	11 3	10 38	8 2			n.a.
T 20	22 44	11 49	4 57	22 35	1 13	22 21	1 25	29 51	6 47	23 42	1 7	19 26	1 54	23 27	0 32	16 42	1 31	15 26	16 9	11 4	10 39	8 1			n.a.
W21	22 36	14 57	5 9	22 52	0 57	22 7	1 26	29 52	6 47	23 43	1 7	19 27	1 54	23 27	0 32	16 42	1 31	15 25	16 8	11 6	10 40	7 59			n.a.
T 22	22 28	17 26	5 5	23 8	0 41	21 51	1 26	29 54	6 47	23 45	1 7	19 29	1 54	23 27	0 32	16 42	1 31	15 24	16 8	11 8	10 41	7 57			n.a.
F 23	22 20	18 59	4 44	23 23	0 25	21 35	1 26	29 55	6 47	23 46	1 7	19 30	1 54	23 26	0 32	16 42	1 31	15 24	16 7	11 10	10 43	7 55			n.a.
S 24	22 11	19 25	4 5	23 36	0 11	21 18	1 27	29 56	6 46	23 47	1 7	19 31	1 54	23 26	0 32	16 42	1 31	15 23	16 7	11 13	10 44	7 54			n.a.
S 25	22 2	18 35	3 9	23 48	0n 3	21 0	1 27	29 57	6 45	23 48	1 8	19 33	1 55	23 25	0 32	16 42	1 31	15 22	16 6	11 14	10 45	7 52			n.a.
M26	21 53	16 31	2 0	23 58	0 17	20 42	1 27	29 57	6 44	23 49	1 8	19 34	1 55	23 25	0 32	16 42	1 31	15 21	16 6	11 16	10 46	7 50			n.a.
T 27	21 43	13 21	0 43	24 6	0 29	20 24	1 27	29 58	6 43	23 50	1 8	19 35	1 55	23 24	0 32	16 42	1 31	15 20	16 5	11 16	10 47	7 48			n.a.
W28	21 32	9 20	0n37	24 12	0 41	20 4	1 27	29 58	6 42	23 51	1 8	19 37	1 55	23 24	0 32	16 42	1 31	15 19	16 5	11 16	10 48	7 46			n.a.
T 29	21 22	4 48	1 54	24 16	0 51	19 45	1 27	29 57	6 40	23 52	1 8	19 38	1 55	23 23	0 32	16 41	1 31	15 18	16 4	11 16	10 49	7 45			n.a.
F 30	21 11	0 3	3 3	24 17	1 1	19 24	1 27	29 57	6 39	23 53	1 8	19 40	1 55	23 23	0 32	16 41	1 31	15 17	16 3	11 16	10 51	7 43			n.a.
S 31	20n59	4s36	4n 0	24n16	1n10	19n 3	1n26	29s56	6s37	23s55	1s 8	19s41	1s55	23n23	0n32	16s41	1n31	15n16	16n 3	11n15	10n52	7s41			n.a.

Julian Day Number = 1363294.5, Delta T = 06h57m03s
Ecliptic obliquity = 23°48'35, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°36'44, Lahiri = -17°29'43 Julian Calendar 1 July 981 BCE == Greg. Calendar 22 June 981 BCE

The year -980 astronomical counting style corresponds to year 981 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 981 BCE
geocentric

AUGUST 981 BCE (-980) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 1 19	28♋27'01	4♏47	15♋20	12♌28	10°R50	16°R18	10°R35	15♋59	20°R29	28♍31	1°R 6	2♍ 7	13♓ 4	n.a.	S 1
M 2	20 5 16	29°25'21	18°22	17° 9	13°43	10♑39	16♑10	10♒30	16° 3	20♏28	28°32	1♍ 4	2° 4	13°11	n.a.	M 2
T 3	20 9 13	0♌23'43	1♐42	19° 0	14°57	10°29	16° 3	10°26	16° 6	20°28	28°34	1° 2	2° 1	13°17	n.a.	T 3
W 4	20 13 9	1°22'06	14°46	20°52	16°12	10°20	15°56	10°21	16°10	20°28	28°35	0°58	1°58	13°24	n.a.	W 4
T 5	20 17 6	2°20'31	27°37	22°45	17°26	10°11	15°48	10°16	16°14	20°27	28°37	0°53	1°54	13°31	n.a.	T 5
F 6	20 21 2	3°18'58	10♑15	24°39	18°40	10° 3	15°41	10°12	16°17	20°27	28°38	0°48	1°51	13°37	n.a.	F 6
S 7	20 24 59	4°17'27	22°40	26°33	19°55	9°55	15°34	10° 7	16°21	20°27	28°40	0°44	1°48	13°44	n.a.	S 7
S 8	20 28 55	5°15'58	4♒54	28°27	21° 9	9°49	15°27	10° 3	16°25	20°27	28°42	0°41	1°45	13°51	n.a.	S 8
M 9	20 32 52	6°14'31	16°58	0♌21	22°24	9°43	15°20	9°58	16°28	20°27	28°43	0°39	1°42	13°57	n.a.	M 9
T 10	20 36 48	7°13'06	28°55	2°15	23°38	9°38	15°13	9°53	16°32	20°27	28°45	0°D38	1°39	14° 4	n.a.	T 10
W11	20 40 45	8°11'44	10♓45	4° 8	24°52	9°33	15° 7	9°49	16°35	20°27	28°47	0°39	1°35	14°11	n.a.	W11
T 12	20 44 42	9°10'23	22°32	6° 1	26° 7	9°30	15° 0	9°44	16°39	20°D27	28°48	0°40	1°32	14°17	n.a.	T 12
F 13	20 48 38	10° 9'05	4♈20	7°53	27°21	9°27	14°54	9°39	16°42	20°27	28°50	0°41	1°29	14°24	n.a.	F 13
S 14	20 52 35	11° 7'49	16°12	9°45	28°36	9°25	14°47	9°35	16°46	20°27	28°52	0°43	1°26	14°30	n.a.	S 14
S 15	20 56 31	12° 6'35	28°13	11°35	29°50	9°24	14°41	9°30	16°49	20°27	28°54	0°44	1°23	14°37	n.a.	S 15
M16	21 0 28	13° 5'24	10♉28	13°25	1♍ 5	9°D23	14°35	9°25	16°53	20°27	28°56	0°R45	1°19	14°44	n.a.	M16
T 17	21 4 24	14° 4'15	23° 0	15°14	2°19	9°24	14°29	9°21	16°56	20°27	28°57	0°45	1°16	14°50	n.a.	T 17
W18	21 8 21	15° 3'09	5♊55	17° 2	3°33	9°25	14°23	9°16	17° 0	20°27	28°59	0°44	1°13	14°57	n.a.	W18
T 19	21 12 17	16° 2'05	19°16	18°49	4°48	9°27	14°18	9°11	17° 3	20°27	29° 1	0°42	1°10	15° 4	n.a.	T 19
F 20	21 16 14	17° 1'04	3♋ 3	20°35	6° 2	9°29	14°12	9° 7	17° 7	20°28	29° 3	0°40	1° 7	15°10	n.a.	F 20
S 21	21 20 11	18° 0'05	17°17	22°20	7°17	9°33	14° 7	9° 2	17°10	20°28	29° 5	0°39	1° 4	15°17	n.a.	S 21
S 22	21 24 7	18°59'08	1♌54	24° 4	8°31	9°37	14° 2	8°57	17°13	20°28	29° 7	0°37	1° 0	15°24	n.a.	S 22
M23	21 28 4	19°58'14	16°49	25°48	9°45	9°42	13°57	8°53	17°17	20°29	29° 9	0°37	0°57	15°30	n.a.	M23
T 24	21 32 0	20°57'21	1♍53	27°30	11° 0	9°48	13°52	8°48	17°20	20°29	29°11	0°D36	0°54	15°37	n.a.	T 24
W25	21 35 57	21°56'31	16°58	29°12	12°14	9°54	13°47	8°44	17°23	20°29	29°13	0°37	0°51	15°44	n.a.	W25
T 26	21 39 53	22°55'43	1♎55	0♍53	13°29	10° 2	13°43	8°39	17°26	20°30	29°15	0°37	0°48	15°50	n.a.	T 26
F 27	21 43 50	23°54'57	16°36	2°32	14°43	10°10	13°38	8°35	17°30	20°30	29°17	0°38	0°45	15°57	n.a.	F 27
S 28	21 47 46	24°54'12	0♏58	4°11	15°58	10°19	13°34	8°31	17°33	20°31	29°19	0°38	0°41	16° 4	n.a.	S 28
S 29	21 51 43	25°53'30	14°57	5°49	17°12	10°28	13°30	8°26	17°36	20°31	29°21	0°39	0°38	16°10	n.a.	S 29
M30	21 55 39	26°52'49	28°33	7°27	18°26	10°38	13°26	8°22	17°39	20°32	29°24	0°R39	0°35	16°17	n.a.	M30
T 31	21 59 36	27♌52'11	11♐46	9♍ 3	19♍41	10♑49	13♑23	8♒18	17♋42	20♏33	29♍26	0♍39	0♍32	16♓24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n47	8s54	4n41	24n12	1n18	18n42	1n26	29s55	6s35	23s56	1s 8	19s42	1s55	23n22	0n32	16s41	1n31	15n14	16n 2	11n15	10n53	7s39		n.a.
M 2	20 35	12 40	5 5	24 5	1 25	18 20	1 26	29 54	6 33	23 57	1 8	19 44	1 56	23 22	0 32	16 41	1 31	15 13	16 2	11 16	10 54	7 37		n.a.
T 3	20 23	15 43	5 13	23 56	1 31	17 57	1 25	29 53	6 31	23 58	1 8	19 45	1 56	23 21	0 32	16 41	1 31	15 12	16 1	11 17	10 55	7 36		n.a.
W 4	20 10	17 53	5 4	23 44	1 36	17 34	1 25	29 51	6 28	23 58	1 8	19 46	1 56	23 21	0 32	16 41	1 30	15 11	16 1	11 18	10 56	7 34		n.a.
T 5	19 57	19 7	4 40	23 30	1 40	17 11	1 24	29 49	6 26	23 59	1 8	19 48	1 56	23 20	0 32	16 41	1 30	15 10	16 1	11 20	10 58	7 32		n.a.
F 6	19 43	19 23	4 2	23 13	1 43	16 47	1 23	29 47	6 23	24 0	1 9	19 49	1 56	23 20	0 32	16 41	1 30	15 9	16 0	11 21	10 59	7 30		n.a.
S 7	19 29	18 41	3 14	22 54	1 46	16 22	1 23	29 45	6 20	24 1	1 9	19 50	1 56	23 20	0 32	16 41	1 30	15 8	16 0	11 23	11 0	7 29		n.a.
S 8	19 15	17 7	2 17	22 33	1 48	15 57	1 22	29 43	6 17	24 2	1 9	19 52	1 56	23 19	0 32	16 41	1 30	15 7	15 59	11 24	11 1	7 27		n.a.
M 9	19 0	14 48	1 15	22 9	1 49	15 32	1 21	29 40	6 14	24 3	1 9	19 53	1 56	23 19	0 32	16 41	1 30	15 6	15 59	11 25	11 2	7 25		n.a.
T 10	18 45	11 53	0 10	21 44	1 49	15 6	1 20	29 37	6 11	24 4	1 9	19 55	1 56	23 18	0 32	16 41	1 30	15 5	15 58	11 25	11 3	7 23		n.a.
W11	18 30	8 30	0s56	21 17	1 49	14 40	1 19	29 35	6 8	24 5	1 9	19 56	1 56	23 18	0 32	16 41	1 30	15 4	15 58	11 25	11 4	7 21		n.a.
T 12	18 14	4 49	1 58	20 48	1 48	14 14	1 18	29 32	6 5	24 5	1 9	19 57	1 57	23 17	0 32	16 41	1 30	15 3	15 57	11 24	11 6	7 19		n.a.
F 13	17 58	0 56	2 56	20 18	1 47	13 47	1 17	29 29	6 2	24 6	1 9	19 59	1 57	23 17	0 32	16 41	1 30	15 2	15 57	11 24	11 7	7 18		n.a.
S 14	17 42	3n 0	3 46	19 46	1 45	13 20	1 16	29 25	5 58	24 7	1 9	20 0	1 57	23 17	0 32	16 42	1 30	15 0	15 56	11 23	11 8	7 16		n.a.
S 15	17 26	6 51	4 27	19 13	1 42	12 52	1 15	29 22	5 55	24 8	1 9	20 1	1 57	23 16	0 32	16 42	1 30	14 59	15 56	11 23	11 9	7 14		n.a.
M16	17 9	10 29	4 57	18 38	1 39	12 24	1 13	29 18	5 51	24 8	1 9	20 3	1 57	23 16	0 33	16 42	1 30	14 58	15 56	11 23	11 10	7 12		n.a.
T 17	16 52	13 45	5 14	18 3	1 36	11 56	1 12	29 15	5 47	24 9	1 9	20 4	1 57	23 15	0 33	16 42	1 30	14 57	15 55	11 23	11 11	7 10		n.a.
W18	16 34	16 27	5 16	17 26	1 33	11 27	1 10	29 11	5 44	24 9	1 9	20 5	1 57	23 15	0 33	16 42	1 30	14 56	15 55	11 23	11 12	7 9		n.a.
T 19	16 17	18 23	5 0	16 49	1 29	10 58	1 9	29 7	5 40	24 10	1 9	20 7	1 57	23 14	0 33	16 42	1 30	14 55	15 54	11 24	11 14	7 7		n.a.
F 20	15 59	19 19	4 28	16 11	1 24	10 29	1 7	29 3	5 36	24 11	1 9	20 8	1 57	23 14	0 33	16 42	1 30	14 54	15 54	11 24	11 15	7 5		n.a.
S 21	15 40	19 4	3 38	15 32	1 20	9 59	1 6	28 59	5 33	24 11	1 9	20 9	1 57	23 14	0 33	16 42	1 29	14 53	15 54	11 25	11 16	7 3		n.a.
S 22	15 22	17 34	2 33	14 52	1 15	9 29	1 4	28 55	5 29	24 12	1 9	20 10	1 57	23 13	0 33	16 42	1 29	14 51	15 53	11 25	11 17	7 1		n.a.
M23	15 3	14 50	1 16	14 12	1 9	8 59	1 3	28 51	5 25	24 12	1 9	20 12	1 57	23 13	0 33	16 43	1 29	14 50	15 53	11 26	11 18	6 59		n.a.
T 24	14 44	11 5	0n 7	13 32	1 4	8 29	1 1	28 47	5 21	24 13	1 9	20 13	1 57	23 12	0 33	16 43	1 29	14 49	15 52	11 26	11 19	6 58		n.a.
W25	14 25	6 36	1 30	12 50	0 58	7 59	0 59	28 42	5 17	24 13	1 9	20 14	1 57	23 12	0 33	16 43	1 29	14 48	15 52	11 26	11 20	6 56		n.a.
T 26	14 5	1 45	2 45	12 9	0 52	7 28	0 57	28 38	5 13	24 14	1 9	20 15	1 57	23 12	0 33	16 43	1 29	14 47	15 52	11 25	11 22	6 54		n.a.
F 27	13 45	3s 7	3 49	11 27	0 46	6 57	0 55	28 33	5 10	24 14	1 9	20 17	1 57	23 11	0 33	16 43	1 29	14 46	15 51	11 25	11 23	6 52		n.a.
S 28	13 25	7 41	4 36	10 45	0 40	6 26	0 53	28 29	5 6	24 14	1 8	20 18	1 57	23 11	0 33	16 43	1 29	14 45	15 51	11 25	11 24	6 50		n.a.
S 29	13 5	11 42	5 6	10 2	0 34	5 55	0 51	28 24	5 2	24 15	1 8	20 19	1 57	23 10	0 33	16 44	1 29	14 43	15 51	11 25	11 25	6 48		n.a.
M30	12 45	14 59	5 18	9 20	0 27	5 23	0 49	28 19	4 58	24 15	1 8	20 20	1 57	23 10	0 33	16 44	1 29	14 42	15 50	11 25	11 26	6 47		n.a.
T 31	12n24	17s24	5n12	8n37	0n21	4n52	0n47	28s15	4s54	24s15	1s 8	20s21	1s57	23n10	0n33	16s44	1n29	14n41	15n50	11n25	11n27	6s45		n.a.

Julian Day Number = 1363325.5, Delta T = 06h57m02s
Ecliptic obliquity = 23°48'36, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°36'40, Lahiri = -17°29'39 Julian Calendar 1 Aug. 981 BCE == Greg. Calendar 23 July 981 BCE

The year -980 astronomical counting style corresponds to year 981 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 981 BCE
geocentric

SEPTEMBER 981 BCE (-980) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 3 33	28♌51'34	24♐39	10♍39	20♍55	11♉ 1	13°R19	8°R13	17♋45	20♏33	29♍28	0°R38	0♍29	16♓30	n.a.	W 1
T 2	22 7 29	29°50'59	7♉16	12°14	22° 9	11°13	13♉16	8♒ 9	17°48	20°34	29°30	0♍38	0°25	16°37	n.a.	T 2
F 3	22 11 26	0♍50'27	19°38	13°48	23°24	11°26	13°13	8° 5	17°51	20°35	29°32	0°D38	0°22	16°44	n.a.	F 3
S 4	22 15 22	1°49'56	1♒48	15°22	24°38	11°40	13°10	8° 1	17°54	20°35	29°34	0°38	0°19	16°50	n.a.	S 4
S 5	22 19 19	2°49'27	13°49	16°55	25°52	11°54	13° 7	7°57	17°57	20°36	29°37	0°39	0°16	16°57	n.a.	S 5
M 6	22 23 15	3°49'00	25°44	18°27	27° 7	12° 9	13° 5	7°53	18° 0	20°37	29°39	0°R39	0°13	17° 3	n.a.	M 6
T 7	22 27 12	4°48'36	7♓35	19°58	28°21	12°25	13° 3	7°49	18° 3	20°38	29°41	0°39	0°10	17°10	n.a.	T 7
W 8	22 31 8	5°48'13	19°23	21°29	29°35	12°41	13° 1	7°45	18° 6	20°39	29°43	0°38	0° 6	17°17	n.a.	W 8
T 9	22 35 5	6°47'53	1♈11	22°58	0♎49	12°58	12°59	7°41	18° 9	20°40	29°46	0°38	0° 3	17°23	n.a.	T 9
F 10	22 39 1	7°47'35	13° 1	24°28	2° 4	13°15	12°57	7°38	18°11	20°41	29°48	0°37	0° 0	17°30	n.a.	F 10
S 11	22 42 58	8°47'19	24°57	25°56	3°18	13°33	12°56	7°34	18°14	20°42	29°50	0°36	29♌57	17°37	n.a.	S 11
S 12	22 46 55	9°47'05	7♉ 1	27°24	4°32	13°51	12°54	7°31	18°17	20°43	29°53	0°35	29°54	17°43	n.a.	S 12
M13	22 50 51	10°46'54	19°16	28°51	5°46	14°10	12°53	7°27	18°19	20°44	29°55	0°33	29°50	17°50	n.a.	M13
T 14	22 54 48	11°46'45	1♊46	0♎17	7° 1	14°29	12°52	7°24	18°22	20°45	29°57	0°33	29°47	17°57	n.a.	T 14
W15	22 58 44	12°46'39	14°36	1°43	8°15	14°49	12°52	7°20	18°25	20°46	29°59	0°D33	29°44	18° 3	n.a.	W15
T 16	23 2 41	13°46'35	27°48	3° 8	9°29	15° 9	12°51	7°17	18°27	20°47	0♎ 2	0°33	29°41	18°10	n.a.	T 16
F 17	23 6 37	14°46'34	11♋25	4°32	10°43	15°30	12°51	7°14	18°30	20°48	0° 4	0°34	29°38	18°17	n.a.	F 17
S 18	23 10 34	15°46'34	25°29	5°55	11°58	15°52	12°D51	7°11	18°32	20°49	0° 7	0°35	29°35	18°23	n.a.	S 18
S 19	23 14 30	16°46'38	9♌58	7°17	13°12	16°14	12°51	7° 8	18°34	20°50	0° 9	0°36	29°31	18°30	n.a.	S 19
M20	23 18 27	17°46'43	24°50	8°38	14°26	16°36	12°51	7° 5	18°37	20°52	0°12	0°R37	29°28	18°37	n.a.	M20
T 21	23 22 23	18°46'50	9♍57	9°58	15°40	16°59	12°52	7° 2	18°39	20°53	0°14	0°37	29°25	18°43	n.a.	T 21
W22	23 26 20	19°46'59	25°11	11°17	16°54	17°22	12°52	6°59	18°41	20°54	0°16	0°36	29°22	18°50	n.a.	W22
T 23	23 30 17	20°47'11	10♎23	12°35	18° 8	17°45	12°53	6°56	18°44	20°55	0°19	0°34	29°19	18°57	n.a.	T 23
F 24	23 34 13	21°47'24	25°22	13°51	19°22	18° 9	12°54	6°54	18°46	20°57	0°21	0°31	29°16	19° 3	n.a.	F 24
S 25	23 38 10	22°47'39	10♏ 0	15° 6	20°37	18°34	12°56	6°51	18°48	20°58	0°24	0°28	29°12	19°10	n.a.	S 25
S 26	23 42 6	23°47'55	24°12	16°20	21°51	18°59	12°57	6°49	18°50	21° 0	0°26	0°25	29° 9	19°17	n.a.	S 26
M27	23 46 3	24°48'14	7♐56	17°31	23° 5	19°24	12°59	6°46	18°52	21° 1	0°28	0°23	29° 6	19°23	n.a.	M27
T 28	23 49 59	25°48'34	21°13	18°41	24°19	19°50	13° 1	6°44	18°54	21° 3	0°31	0°D22	29° 3	19°30	n.a.	T 28
W29	23 53 56	26°48'55	4♉ 5	19°48	25°33	20°16	13° 3	6°42	18°56	21° 4	0°33	0°22	29° 0	19°36	n.a.	W29
T 30	23 57 52	27♍49'18	16♉36	20♎53	26♎47	20♉42	13♉ 6	6♒40	18♋58	21♏ 6	0♎36	0♍23	28♌56	19♓43	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n 3	18s52	4n51	7n54	0n14	4n20	0n45	28s10	4s50	24s16	1s 8	20s22	1s57	23n 9	0n33	16s44	1n29	14n40	15n50	11n25	11n28	6s43		n.a.
T 2	11 42	19 21	4 15	7 11	0 7	3 49	0 43	28 5	4 46	24 16	1 8	20 24	1 57	23 9	0 33	16 45	1 29	14 39	15 50	11 25	11 30	6 41		n.a.
F 3	11 21	18 54	3 29	6 28	0 1	3 17	0 40	28 0	4 42	24 16	1 8	20 25	1 57	23 9	0 33	16 45	1 29	14 38	15 49	11 25	11 31	6 39		n.a.
S 4	10 59	17 34	2 34	5 46	0s 6	2 45	0 38	27 55	4 39	24 17	1 8	20 26	1 57	23 8	0 33	16 45	1 29	14 37	15 49	11 25	11 32	6 37		n.a.
S 5	10 38	15 28	1 32	5 3	0 13	2 13	0 36	27 50	4 35	24 17	1 8	20 27	1 57	23 8	0 33	16 45	1 29	14 35	15 49	11 25	11 33	6 35		n.a.
M 6	10 16	12 43	0 27	4 20	0 20	1 40	0 33	27 44	4 31	24 17	1 8	20 28	1 57	23 7	0 33	16 46	1 29	14 34	15 48	11 25	11 34	6 34		n.a.
T 7	9 54	9 27	0s38	3 37	0 27	1 8	0 31	27 39	4 27	24 17	1 8	20 29	1 57	23 7	0 33	16 46	1 28	14 33	15 48	11 25	11 35	6 32		n.a.
W 8	9 31	5 50	1 42	2 54	0 34	0 36	0 28	27 34	4 23	24 17	1 8	20 30	1 57	23 7	0 33	16 46	1 28	14 32	15 48	11 25	11 36	6 30		n.a.
T 9	9 9	1 59	2 42	2 12	0 41	0 4	0 26	27 28	4 20	24 17	1 8	20 31	1 57	23 6	0 33	16 46	1 28	14 31	15 48	11 25	11 38	6 28		n.a.
F 10	8 47	1n56	3 34	1 30	0 48	0s29	0 23	27 23	4 16	24 17	1 8	20 32	1 57	23 6	0 33	16 47	1 28	14 30	15 47	11 26	11 39	6 26		n.a.
S 11	8 24	5 48	4 18	0 48	0 55	1 1	0 21	27 17	4 12	24 17	1 8	20 33	1 57	23 6	0 33	16 47	1 28	14 29	15 47	11 26	11 40	6 24		n.a.
S 12	8 1	9 29	4 51	0 6	1 2	1 33	0 18	27 12	4 8	24 17	1 7	20 33	1 57	23 5	0 33	16 47	1 28	14 27	15 47	11 26	11 41	6 22		n.a.
M13	7 38	12 49	5 11	0s35	1 9	2 5	0 16	27 6	4 5	24 18	1 7	20 34	1 57	23 5	0 33	16 48	1 28	14 26	15 47	11 27	11 42	6 21		n.a.
T 14	7 15	15 39	5 17	1 16	1 16	2 38	0 13	27 0	4 1	24 18	1 7	20 35	1 57	23 5	0 33	16 48	1 28	14 25	15 47	11 27	11 43	6 19		n.a.
W15	6 52	17 48	5 8	1 57	1 23	3 10	0 10	26 54	3 58	24 17	1 7	20 36	1 57	23 4	0 33	16 48	1 28	14 24	15 46	11 27	11 44	6 17		n.a.
T 16	6 29	19 5	4 42	2 37	1 29	3 42	0 8	26 48	3 54	24 17	1 7	20 37	1 57	23 4	0 33	16 49	1 28	14 23	15 46	11 27	11 46	6 15		n.a.
F 17	6 5	19 19	4 0	3 17	1 36	4 14	0 5	26 42	3 50	24 17	1 7	20 38	1 57	23 4	0 33	16 49	1 28	14 22	15 46	11 27	11 47	6 13		n.a.
S 18	5 42	18 23	3 3	3 56	1 42	4 46	0 2	26 36	3 47	24 17	1 7	20 38	1 56	23 3	0 33	16 50	1 28	14 21	15 46	11 26	11 48	6 11		n.a.
S 19	5 18	16 14	1 52	4 35	1 48	5 18	0s 1	26 30	3 43	24 17	1 7	20 39	1 56	23 3	0 33	16 50	1 28	14 20	15 46	11 26	11 49	6 9		n.a.
M20	4 54	12 57	0 32	5 13	1 54	5 50	0 3	26 24	3 40	24 17	1 7	20 40	1 56	23 3	0 33	16 50	1 28	14 19	15 46	11 26	11 50	6 7		n.a.
T 21	4 30	8 45	0n51	5 51	2 0	6 21	0 6	26 18	3 37	24 17	1 7	20 40	1 56	23 3	0 33	16 51	1 28	14 18	15 45	11 26	11 51	6 6		n.a.
W22	4 6	3 57	2 12	6 27	2 6	6 53	0 9	26 11	3 33	24 17	1 6	20 41	1 56	23 2	0 34	16 51	1 28	14 16	15 45	11 26	11 52	6 4		n.a.
T 23	3 42	1s 4	3 23	7 3	2 12	7 24	0 12	26 5	3 30	24 17	1 6	20 42	1 56	23 2	0 34	16 51	1 28	14 15	15 45	11 27	11 53	6 2		n.a.
F 24	3 18	5 57	4 18	7 39	2 17	7 55	0 15	25 58	3 26	24 16	1 6	20 42	1 56	23 2	0 34	16 52	1 28	14 14	15 45	11 28	11 55	6 0		n.a.
S 25	2 54	10 22	4 56	8 13	2 22	8 26	0 17	25 51	3 23	24 16	1 6	20 43	1 56	23 1	0 34	16 52	1 28	14 13	15 45	11 29	11 56	5 58		n.a.
S 26	2 30	14 3	5 13	8 46	2 26	8 57	0 20	25 44	3 20	24 16	1 6	20 43	1 56	23 1	0 34	16 53	1 27	14 12	15 45	11 30	11 57	5 56		n.a.
M27	2 6	16 50	5 13	9 18	2 31	9 28	0 23	25 37	3 17	24 16	1 6	20 44	1 56	23 1	0 34	16 53	1 27	14 11	15 45	11 31	11 58	5 54		n.a.
T 28	1 41	18 37	4 55	9 48	2 35	9 58	0 26	25 30	3 13	24 15	1 6	20 44	1 56	23 1	0 34	16 54	1 27	14 10	15 45	11 31	11 59	5 52		n.a.
W29	1 17	19 22	4 22	10 18	2 38	10 28	0 29	25 23	3 10	24 15	1 6	20 45	1 56	23 0	0 34	16 54	1 27	14 9	15 45	11 31	12 0	5 50		n.a.
T 30	0n53	19s 9	3n38	10s46	2s41	10s58	0s32	25s16	3s 7	24s15	1s 6	20s45	1s55	23n 0	0n34	16s54	1n27	14n 8	15n44	11n30	12n 1	5s49		n.a.

Julian Day Number = 1363356.5, Delta T = 06h57m00s
Ecliptic obliquity = 23°48'36, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°36'35, Lahiri = -17°29'35 Julian Calendar 1 Sept. 981 BCE == Greg. Calendar 23 Aug. 981 BCE

The year -980 astronomical counting style corresponds to year 981 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 981 BCE
geocentric

OCTOBER 981 BCE (-980) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 1 49	28♍49'43	28♉50	21♎56	28♎ 1	21♉ 9	13♉ 8	6°R38	19♋ 0	21♏ 7	0♎38	0♍25	28♌53	19♓50	n.a.	F 1
S 2	0 5 46	29°50'09	10♒51	22°55	29°15	21°36	13°11	6♒36	19° 1	21° 9	0°41	0°27	28°50	19°56	n.a.	S 2
S 3	0 9 42	0♎50'37	22°44	23°51	0♏29	22° 3	13°14	6°34	19° 3	21°10	0°43	0°28	28°47	20° 3	n.a.	S 3
M 4	0 13 39	1°51'06	4♓33	24°43	1°43	22°31	13°17	6°33	19° 5	21°12	0°46	0°R28	28°44	20°10	n.a.	M 4
T 5	0 17 35	2°51'37	16°21	25°31	2°57	22°59	13°20	6°31	19° 7	21°13	0°48	0°27	28°41	20°16	n.a.	T 5
W 6	0 21 32	3°52'10	28°10	26°14	4°11	23°27	13°24	6°29	19° 8	21°15	0°50	0°24	28°37	20°23	n.a.	W 6
T 7	0 25 28	4°52'44	10♈ 2	26°51	5°24	23°56	13°27	6°28	19°10	21°17	0°53	0°19	28°34	20°30	n.a.	T 7
F 8	0 29 25	5°53'20	21°59	27°23	6°38	24°25	13°31	6°27	19°11	21°19	0°55	0°13	28°31	20°36	n.a.	F 8
S 9	0 33 21	6°53'57	4♉ 3	27°48	7°52	24°54	13°35	6°26	19°13	21°20	0°58	0° 6	28°28	20°43	n.a.	S 9
S 10	0 37 18	7°54'37	16°16	28° 5	9° 6	25°23	13°40	6°25	19°14	21°22	1° 0	29♌59	28°25	20°50	n.a.	S 10
M11	0 41 14	8°55'18	28°39	28°15	10°20	25°53	13°44	6°24	19°15	21°24	1° 3	29°52	28°21	20°56	n.a.	M11
T 12	0 45 11	9°56'01	11♊14	28°R15	11°34	26°23	13°49	6°23	19°17	21°26	1° 5	29°47	28°18	21° 3	n.a.	T 12
W13	0 49 8	10°56'45	24° 4	28° 6	12°47	26°53	13°54	6°22	19°18	21°27	1° 7	29°44	28°15	21°10	n.a.	W13
T 14	0 53 4	11°57'32	7♋11	27°46	14° 1	27°23	13°59	6°22	19°19	21°29	1°10	29°D42	28°12	21°16	n.a.	T 14
F 15	0 57 1	12°58'20	20°38	27°17	15°15	27°54	14° 4	6°21	19°20	21°31	1°12	29°42	28° 9	21°23	n.a.	F 15
S 16	1 0 57	13°59'10	4♌28	26°36	16°28	28°25	14° 9	6°21	19°21	21°33	1°15	29°44	28° 6	21°30	n.a.	S 16
S 17	1 4 54	15° 0'02	18°40	25°45	17°42	28°56	14°15	6°20	19°22	21°35	1°17	29°45	28° 2	21°36	n.a.	S 17
M18	1 8 50	16° 0'55	3♍14	24°45	18°56	29°27	14°20	6°20	19°23	21°37	1°19	29°R45	27°59	21°43	n.a.	M18
T 19	1 12 47	17° 1'50	18° 7	23°36	20° 9	29°59	14°26	6°D20	19°24	21°39	1°22	29°44	27°56	21°50	n.a.	T 19
W20	1 16 43	18° 2'46	3♎12	22°20	21°23	0♒31	14°32	6°20	19°25	21°41	1°24	29°40	27°53	21°56	n.a.	W20
T 21	1 20 40	19° 3'44	18°21	21° 0	22°37	1° 3	14°39	6°20	19°26	21°43	1°27	29°34	27°50	22° 3	n.a.	T 21
F 22	1 24 37	20° 4'43	3♏22	19°38	23°50	1°35	14°45	6°21	19°27	21°45	1°29	29°26	27°47	22°10	n.a.	F 22
S 23	1 28 33	21° 5'43	18° 8	18°16	25° 4	2° 7	14°52	6°21	19°27	21°47	1°31	29°18	27°43	22°16	n.a.	S 23
S 24	1 32 30	22° 6'44	2♐30	16°58	26°17	2°40	14°58	6°21	19°28	21°49	1°34	29°10	27°40	22°23	n.a.	S 24
M25	1 36 26	23° 7'47	16°24	15°46	27°31	3°13	15° 5	6°22	19°28	21°51	1°36	29° 2	27°37	22°30	n.a.	M25
T 26	1 40 23	24° 8'50	29°49	14°43	28°44	3°45	15°12	6°23	19°29	21°53	1°38	28°57	27°34	22°36	n.a.	T 26
W27	1 44 19	25° 9'54	12♑45	13°49	29°57	4°19	15°19	6°23	19°29	21°55	1°40	28°54	27°31	22°43	n.a.	W27
T 28	1 48 16	26°10'58	25°18	13° 6	1♑11	4°52	15°27	6°24	19°30	21°57	1°43	28°D53	27°27	22°50	n.a.	T 28
F 29	1 52 12	27°12'03	7♒31	12°34	2°24	5°25	15°34	6°25	19°30	21°59	1°45	28°54	27°24	22°56	n.a.	F 29
S 30	1 56 9	28°13'09	19°31	12°14	3°37	5°59	15°42	6°26	19°30	22° 1	1°47	28°55	27°21	23° 3	n.a.	S 30
S 31	2 0 6	29♎14'16	1♓21	12°D 5	4♑51	6♒33	15♑50	6♒28	19♋31	22♏ 3	1♎49	28°R55	27♌18	23♓ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n28	18s 1	2n45	11s12	2s44	11s28	0s34	25s 9	3s 4	24s14	1s 6	20s46	1s55	23n 0	0n34	16s55	1n27	14n 7	15n44	11n30	12n 2	5s47		n.a.
S 2	0 4	16 5	1 46	11 36	2 46	11 57	0 37	25 1	3 1	24 14	1 5	20 46	1 55	23 0	0 34	16 55	1 27	14 6	15 44	11 29	12 4	5 45		n.a.
S 3	0s20	13 29	0 42	11 59	2 47	12 26	0 40	24 54	2 58	24 13	1 5	20 46	1 55	23 0	0 34	16 56	1 27	14 5	15 44	11 29	12 5	5 43		n.a.
M 4	0 45	10 20	0s22	12 19	2 48	12 55	0 43	24 46	2 55	24 13	1 5	20 47	1 55	22 59	0 34	16 56	1 27	14 4	15 44	11 29	12 6	5 41		n.a.
T 5	1 9	6 47	1 26	12 37	2 48	13 24	0 46	24 39	2 52	24 13	1 5	20 47	1 55	22 59	0 34	16 57	1 27	14 3	15 44	11 29	12 7	5 39		n.a.
W 6	1 34	2 58	2 26	12 52	2 47	13 52	0 49	24 31	2 49	24 12	1 5	20 47	1 55	22 59	0 34	16 57	1 27	14 2	15 44	11 30	12 8	5 37		n.a.
T 7	1 58	0n59	3 19	13 4	2 45	14 20	0 51	24 23	2 46	24 12	1 5	20 48	1 55	22 59	0 34	16 58	1 27	14 1	15 44	11 32	12 9	5 35		n.a.
F 8	2 22	4 55	4 5	13 13	2 42	14 47	0 54	24 15	2 43	24 11	1 5	20 48	1 55	22 59	0 34	16 58	1 27	14 0	15 44	11 34	12 10	5 33		n.a.
S 9	2 47	8 41	4 39	13 18	2 38	15 15	0 57	24 7	2 40	24 11	1 5	20 48	1 54	22 58	0 34	16 59	1 27	13 59	15 44	11 37	12 11	5 31		n.a.
S 10	3 11	12 9	5 2	13 20	2 33	15 41	1 0	23 58	2 38	24 10	1 5	20 48	1 54	22 58	0 34	16 59	1 27	13 58	15 44	11 39	12 13	5 30		n.a.
M11	3 35	15 7	5 10	13 17	2 26	16 8	1 2	23 50	2 35	24 9	1 4	20 48	1 54	22 58	0 34	17 0	1 27	13 57	15 44	11 41	12 14	5 28		n.a.
T 12	4 0	17 27	5 4	13 10	2 18	16 34	1 5	23 41	2 32	24 9	1 4	20 48	1 54	22 58	0 34	17 0	1 27	13 56	15 44	11 43	12 15	5 26		n.a.
W13	4 24	18 58	4 43	12 57	2 8	16 59	1 7	23 33	2 29	24 8	1 4	20 48	1 54	22 58	0 34	17 1	1 27	13 55	15 44	11 44	12 16	5 24		n.a.
T 14	4 48	19 30	4 7	12 39	1 57	17 24	1 10	23 24	2 27	24 8	1 4	20 48	1 54	22 58	0 34	17 1	1 27	13 54	15 44	11 45	12 17	5 22		n.a.
F 15	5 12	18 58	3 16	12 16	1 44	17 49	1 13	23 15	2 24	24 7	1 4	20 48	1 54	22 58	0 34	17 2	1 27	13 53	15 45	11 45	12 18	5 20		n.a.
S 16	5 36	17 18	2 13	11 47	1 29	18 13	1 15	23 6	2 21	24 6	1 4	20 48	1 54	22 57	0 34	17 2	1 27	13 53	15 45	11 45	12 19	5 18		n.a.
S 17	6 0	14 31	1 0	11 13	1 12	18 37	1 18	22 57	2 19	24 5	1 4	20 48	1 53	22 57	0 34	17 3	1 27	13 52	15 45	11 44	12 20	5 16		n.a.
M18	6 24	10 46	0n19	10 34	0 54	19 0	1 20	22 48	2 16	24 5	1 4	20 48	1 53	22 57	0 34	17 3	1 27	13 51	15 45	11 44	12 21	5 14		n.a.
T 19	6 47	6 16	1 38	9 51	0 35	19 23	1 23	22 39	2 14	24 4	1 4	20 48	1 53	22 57	0 35	17 4	1 26	13 50	15 45	11 45	12 23	5 12		n.a.
W20	7 11	1 19	2 51	9 3	0 15	19 45	1 25	22 29	2 11	24 3	1 3	20 48	1 53	22 57	0 35	17 4	1 26	13 49	15 45	11 46	12 24	5 10		n.a.
T 21	7 35	3s44	3 52	8 14	0n 6	20 7	1 27	22 20	2 9	24 2	1 3	20 48	1 53	22 57	0 35	17 5	1 26	13 48	15 45	11 48	12 25	5 8		n.a.
F 22	7 58	8 31	4 36	7 23	0 26	20 28	1 30	22 10	2 6	24 2	1 3	20 48	1 53	22 57	0 35	17 6	1 26	13 47	15 45	11 51	12 26	5 6		n.a.
S 23	8 21	12 41	5 1	6 33	0 46	20 49	1 32	22 0	2 4	24 1	1 3	20 47	1 53	22 57	0 35	17 6	1 26	13 47	15 45	11 54	12 27	5 5		n.a.
S 24	8 44	15 59	5 6	5 46	1 6	21 9	1 34	21 50	2 1	24 0	1 3	20 47	1 53	22 57	0 35	17 7	1 26	13 46	15 46	11 57	12 28	5 3		n.a.
M25	9 7	18 15	4 53	5 1	1 23	21 28	1 36	21 40	1 59	23 59	1 3	20 47	1 52	22 57	0 35	17 7	1 26	13 45	15 46	11 59	12 29	5 1		n.a.
T 26	9 30	19 25	4 24	4 21	1 40	21 47	1 38	21 30	1 57	23 58	1 3	20 47	1 52	22 57	0 35	17 8	1 26	13 44	15 46	12 1	12 30	4 59		n.a.
W27	9 53	19 30	3 42	3 47	1 54	22 5	1 40	21 20	1 54	23 57	1 3	20 46	1 52	22 57	0 35	17 8	1 26	13 43	15 46	12 2	12 31	4 57		n.a.
T 28	10 16	18 37	2 50	3 19	2 6	22 23	1 42	21 9	1 52	23 56	1 3	20 46	1 52	22 57	0 35	17 9	1 26	13 43	15 46	12 2	12 33	4 55		n.a.
F 29	10 38	16 52	1 52	2 57	2 16	22 40	1 44	20 59	1 50	23 55	1 3	20 46	1 52	22 57	0 35	17 10	1 26	13 42	15 46	12 2	12 34	4 53		n.a.
S 30	11 0	14 24	0 50	2 42	2 24	22 56	1 46	20 48	1 48	23 54	1 2	20 45	1 52	22 57	0 35	17 10	1 26	13 41	15 47	12 2	12 35	4 51		n.a.
S 31	11s22	11s22	0s13	2s33	2n30	23s12	1s48	20s37	1s45	23s53	1s 2	20s45	1s52	22n57	0n35	17s11	1n26	13n41	15n47	12n 2	12n36	4s49		n.a.

Julian Day Number = 1363386.5, Delta T = 06h56m58s
Ecliptic obliquity = 23°48'37, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°36'31, Lahiri = -17°29'31 Julian Calendar 1 Oct. 981 BCE == Greg. Calendar 22 Sept. 981 BCE

The year -980 astronomical counting style corresponds to year 981 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 981 BCE
geocentric

NOVEMBER 981 BCE (-980) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 4 2	0♏15'23	13♓ 8	12♎ 6	6♐ 4	7♒ 7	15♑58	6♒29	19♋31	22♏ 5	1♎52	28°R54	27♌15	23♓16	n.a.	M 1
T 2	2 7 59	1°16'31	24°55	12°18	7°17	7°41	16° 6	6°30	19°31	22° 7	1°54	28♌50	27°12	23°23	n.a.	T 2
W 3	2 11 55	2°17'40	6♈47	12°38	8°30	8°15	16°14	6°32	19°31	22°10	1°56	28°44	27° 8	23°29	n.a.	W 3
T 4	2 15 52	3°18'49	18°46	13° 7	9°43	8°49	16°23	6°34	19°R31	22°12	1°58	28°35	27° 5	23°36	n.a.	T 4
F 5	2 19 48	4°19'59	0♉53	13°43	10°56	9°24	16°31	6°35	19°31	22°14	2° 0	28°24	27° 2	23°43	n.a.	F 5
S 6	2 23 45	5°21'09	13°10	14°26	12° 9	9°58	16°40	6°37	19°31	22°16	2° 3	28°11	26°59	23°49	n.a.	S 6
S 7	2 27 41	6°22'21	25°38	15°15	13°22	10°33	16°49	6°39	19°31	22°18	2° 5	27°58	26°56	23°56	n.a.	S 7
M 8	2 31 38	7°23'33	8♊17	16° 9	14°35	11° 8	16°58	6°41	19°30	22°21	2° 7	27°46	26°52	24° 3	n.a.	M 8
T 9	2 35 35	8°24'46	21° 6	17° 7	15°48	11°43	17° 7	6°44	19°30	22°23	2° 9	27°36	26°49	24° 9	n.a.	T 9
W10	2 39 31	9°25'59	4♋ 7	18°10	17° 1	12°18	17°16	6°46	19°30	22°25	2°11	27°28	26°46	24°16	n.a.	W10
T 11	2 43 28	10°27'14	17°21	19°16	18°13	12°53	17°26	6°48	19°29	22°27	2°13	27°23	26°43	24°23	n.a.	T 11
F 12	2 47 24	11°28'29	0♌47	20°25	19°26	13°28	17°35	6°51	19°29	22°29	2°15	27°21	26°40	24°29	n.a.	F 12
S 13	2 51 21	12°29'45	14°29	21°36	20°39	14° 4	17°45	6°53	19°29	22°32	2°17	27°D21	26°37	24°36	n.a.	S 13
S 14	2 55 17	13°31'01	28°27	22°50	21°51	14°39	17°55	6°56	19°28	22°34	2°19	27°R21	26°33	24°43	n.a.	S 14
M15	2 59 14	14°32'18	12♍42	24° 6	23° 4	15°15	18° 4	6°59	19°27	22°36	2°21	27°20	26°30	24°49	n.a.	M15
T 16	3 3 11	15°33'36	27°12	25°24	24°16	15°51	18°14	7° 2	19°27	22°38	2°23	27°17	26°27	24°56	n.a.	T 16
W17	3 7 7	16°34'54	11♎54	26°43	25°29	16°26	18°25	7° 5	19°26	22°41	2°25	27°12	26°24	25° 3	n.a.	W17
T 18	3 11 4	17°36'13	26°42	28° 4	26°41	17° 2	18°35	7° 8	19°25	22°43	2°27	27° 3	26°21	25° 9	n.a.	T 18
F 19	3 15 0	18°37'32	11♏28	29°26	27°53	17°38	18°45	7°11	19°24	22°45	2°29	26°52	26°18	25°16	n.a.	F 19
S 20	3 18 57	19°38'51	26° 3	0♏49	29° 6	18°15	18°56	7°14	19°23	22°48	2°30	26°40	26°14	25°23	n.a.	S 20
S 21	3 22 53	20°40'10	10♐21	2°13	0♑18	18°51	19° 6	7°18	19°23	22°50	2°32	26°27	26°11	25°29	n.a.	S 21
M22	3 26 50	21°41'30	24°15	3°38	1°30	19°27	19°17	7°21	19°22	22°52	2°34	26°16	26° 8	25°36	n.a.	M22
T 23	3 30 46	22°42'49	7♑43	5° 3	2°42	20° 3	19°28	7°25	19°21	22°54	2°36	26° 8	26° 5	25°43	n.a.	T 23
W24	3 34 43	23°44'08	20°44	6°30	3°54	20°40	19°39	7°28	19°19	22°57	2°37	26° 2	26° 2	25°49	n.a.	W24
T 25	3 38 40	24°45'26	3♒21	7°57	5° 6	21°16	19°50	7°32	19°18	22°59	2°39	25°58	25°58	25°56	n.a.	T 25
F 26	3 42 36	25°46'45	15°37	9°24	6°17	21°53	20° 1	7°36	19°17	23° 1	2°41	25°57	25°55	26° 3	n.a.	F 26
S 27	3 46 33	26°48'02	27°38	10°52	7°29	22°30	20°12	7°40	19°16	23° 3	2°43	25°57	25°52	26° 9	n.a.	S 27
S 28	3 50 29	27°49'20	9♓30	12°21	8°41	23° 6	20°24	7°44	19°15	23° 6	2°44	25°57	25°49	26°16	n.a.	S 28
M29	3 54 26	28°50'36	21°18	13°50	9°52	23°43	20°35	7°48	19°13	23° 8	2°46	25°55	25°46	26°23	n.a.	M29
T 30	3 58 22	29♏51'53	3♈ 6	15♏20	11♑ 4	24♒20	20♑47	7♒52	19♋12	23♏10	2♎47	25♌51	25♌43	26♓29	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s44	7s53	1s15	2s29	2n35	23s27	1s50	20s27	1s43	23s52	1s 2	20s44	1s51	22n57	0n35	17s11	1n26	13n40	15n47	12n 2	12n37	4s47		n.a.
T 2	12 6	4 6	2 14	2 31	2 37	23 42	1 51	20 16	1 41	23 51	1 2	20 44	1 51	22 57	0 35	17 12	1 26	13 39	15 47	12 3	12 38	4 45		n.a.
W 3	12 27	0 8	3 8	2 38	2 39	23 55	1 53	20 5	1 39	23 50	1 2	20 43	1 51	22 57	0 35	17 12	1 26	13 38	15 47	12 6	12 39	4 43		n.a.
T 4	12 49	3n52	3 53	2 50	2 39	24 8	1 55	19 53	1 37	23 49	1 2	20 43	1 51	22 57	0 35	17 13	1 26	13 38	15 48	12 9	12 40	4 41		n.a.
F 5	13 10	7 46	4 29	3 5	2 38	24 21	1 56	19 42	1 35	23 48	1 2	20 42	1 51	22 57	0 35	17 14	1 26	13 37	15 48	12 13	12 41	4 39		n.a.
S 6	13 31	11 24	4 52	3 24	2 36	24 32	1 57	19 31	1 33	23 46	1 2	20 41	1 51	22 57	0 35	17 14	1 26	13 37	15 48	12 17	12 42	4 37		n.a.
S 7	13 51	14 35	5 2	3 45	2 33	24 43	1 59	19 19	1 31	23 45	1 2	20 41	1 51	22 57	0 35	17 15	1 26	13 36	15 48	12 22	12 44	4 35		n.a.
M 8	14 11	17 8	4 57	4 10	2 29	24 53	2 0	19 7	1 29	23 44	1 2	20 40	1 51	22 57	0 35	17 15	1 26	13 35	15 49	12 26	12 45	4 33		n.a.
T 9	14 32	18 54	4 37	4 36	2 25	25 3	2 1	18 56	1 27	23 43	1 2	20 39	1 50	22 57	0 35	17 16	1 26	13 35	15 49	12 30	12 46	4 31		n.a.
W10	14 51	19 42	4 3	5 5	2 20	25 12	2 2	18 44	1 25	23 41	1 1	20 39	1 50	22 57	0 35	17 17	1 26	13 34	15 49	12 32	12 47	4 29		n.a.
T 11	15 11	19 26	3 15	5 35	2 14	25 20	2 3	18 32	1 23	23 40	1 1	20 38	1 50	22 57	0 35	17 17	1 26	13 34	15 50	12 34	12 48	4 27		n.a.
F 12	15 30	18 5	2 16	6 7	2 9	25 27	2 4	18 20	1 21	23 39	1 1	20 37	1 50	22 57	0 35	17 18	1 26	13 33	15 50	12 35	12 49	4 25		n.a.
S 13	15 50	15 40	1 8	6 40	2 2	25 33	2 5	18 7	1 19	23 37	1 1	20 36	1 50	22 57	0 36	17 18	1 26	13 33	15 50	12 35	12 50	4 24		n.a.
S 14	16 8	12 17	0n 6	7 13	1 56	25 39	2 6	17 55	1 17	23 36	1 1	20 36	1 50	22 58	0 36	17 19	1 26	13 32	15 50	12 35	12 51	4 22		n.a.
M15	16 27	8 8	1 20	7 48	1 49	25 44	2 6	17 43	1 15	23 35	1 1	20 35	1 50	22 58	0 36	17 20	1 26	13 32	15 51	12 35	12 52	4 20		n.a.
T 16	16 45	3 26	2 31	8 23	1 42	25 48	2 7	17 30	1 14	23 33	1 1	20 34	1 49	22 58	0 36	17 20	1 26	13 31	15 51	12 36	12 53	4 18		n.a.
W17	17 3	1s31	3 32	8 59	1 35	25 51	2 8	17 17	1 12	23 32	1 1	20 33	1 49	22 58	0 36	17 21	1 26	13 31	15 51	12 38	12 55	4 16		n.a.
T 18	17 21	6 25	4 20	9 35	1 28	25 54	2 8	17 5	1 10	23 30	1 1	20 32	1 49	22 58	0 36	17 21	1 26	13 30	15 52	12 41	12 56	4 14		n.a.
F 19	17 38	10 55	4 50	10 11	1 21	25 56	2 8	16 52	1 8	23 29	1 1	20 31	1 49	22 58	0 36	17 22	1 26	13 30	15 52	12 45	12 57	4 12		n.a.
S 20	17 55	14 42	5 1	10 47	1 14	25 57	2 8	16 39	1 6	23 27	1 1	20 30	1 49	22 58	0 36	17 22	1 26	13 29	15 52	12 49	12 58	4 10		n.a.
S 21	18 12	17 32	4 52	11 23	1 6	25 57	2 9	16 26	1 5	23 25	1 1	20 29	1 49	22 59	0 36	17 23	1 26	13 29	15 53	12 53	12 59	4 8		n.a.
M22	18 28	19 15	4 26	12 0	0 59	25 57	2 9	16 13	1 3	23 24	1 1	20 28	1 49	22 59	0 36	17 24	1 26	13 29	15 53	12 57	13 0	4 6		n.a.
T 23	18 44	19 49	3 46	12 36	0 51	25 55	2 9	15 59	1 1	23 22	1 0	20 27	1 49	22 59	0 36	17 24	1 26	13 28	15 54	13 0	13 1	4 4		n.a.
W24	19 0	19 18	2 55	13 12	0 44	25 53	2 8	15 46	1 0	23 21	1 0	20 26	1 48	22 59	0 36	17 25	1 26	13 28	15 54	13 2	13 2	4 2		n.a.
T 25	19 15	17 49	1 57	13 48	0 37	25 51	2 8	15 33	0 58	23 19	1 0	20 25	1 48	22 59	0 36	17 25	1 26	13 28	15 54	13 3	13 3	4 0		n.a.
F 26	19 30	15 32	0 54	14 23	0 29	25 47	2 8	15 19	0 56	23 17	1 0	20 24	1 48	23 0	0 36	17 26	1 26	13 27	15 55	13 4	13 4	3 58		n.a.
S 27	19 45	12 37	0s 9	14 58	0 22	25 43	2 7	15 5	0 55	23 15	1 0	20 23	1 48	23 0	0 36	17 27	1 26	13 27	15 55	13 4	13 6	3 56		n.a.
S 28	19 59	9 13	1 11	15 33	0 15	25 38	2 7	14 52	0 53	23 14	1 0	20 21	1 48	23 0	0 36	17 27	1 26	13 27	15 55	13 4	13 7	3 54		n.a.
M29	20 13	5 29	2 10	16 7	0 8	25 32	2 6	14 38	0 52	23 12	1 0	20 20	1 48	23 0	0 36	17 28	1 26	13 26	15 56	13 4	13 8	3 52		n.a.
T 30	20s26	1s32	3s 3	16s41	0n 0	25s25	2s 5	14s24	0s50	23s10	1s 0	20s19	1s48	23n 0	0n36	17s28	1n26	13n26	15n56	13n 6	13n 9	3s50		n.a.

Julian Day Number = 1363417.5, Delta T = 06h56m57s
Ecliptic obliquity = 23°48'36, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°36'27, Lahiri = -17°29'27 Julian Calendar 1 Nov. 981 BCE == Greg. Calendar 23 Oct. 981 BCE

The year -980 astronomical counting style corresponds to year 981 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 981 BCE
geocentric

DECEMBER 981 BCE (-980) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 2 19	0♐53'08	15♈ 1	16♏50	12♑15	24♒57	20♑58	7♒57	19°R10	23♏12	2♎49	25°R45	25♌39	26♓36	n.a.	W 1
T 2	4 6 15	1°54'23	27° 6	18°21	13°26	25°34	21°10	8° 1	19♋ 9	23°15	2°50	25♌35	25°36	26°43	n.a.	T 2
F 3	4 10 12	2°55'38	9♉23	19°52	14°37	26°11	21°22	8° 6	19° 7	23°17	2°52	25°23	25°33	26°49	n.a.	F 3
S 4	4 14 9	3°56'52	21°54	21°23	15°48	26°48	21°34	8°10	19° 6	23°19	2°53	25°10	25°30	26°56	n.a.	S 4
S 5	4 18 5	4°58'06	4♊39	22°55	16°59	27°25	21°46	8°15	19° 4	23°21	2°55	24°56	25°27	27° 3	n.a.	S 5
M 6	4 22 2	5°59'19	17°38	24°28	18°10	28° 2	21°58	8°19	19° 3	23°24	2°56	24°43	25°24	27° 9	n.a.	M 6
T 7	4 25 58	7° 0'32	0♋50	26° 1	19°20	28°39	22°10	8°24	19° 1	23°26	2°57	24°31	25°20	27°16	n.a.	T 7
W 8	4 29 55	8° 1'44	14°12	27°34	20°31	29°17	22°22	8°29	18°59	23°28	2°59	24°23	25°17	27°23	n.a.	W 8
T 9	4 33 51	9° 2'56	27°44	29° 8	21°41	29°54	22°35	8°34	18°57	23°30	3° 0	24°18	25°14	27°29	n.a.	T 9
F 10	4 37 48	10° 4'07	11♌25	0♐42	22°52	0♓31	22°47	8°39	18°56	23°33	3° 1	24°15	25°11	27°36	n.a.	F 10
S 11	4 41 45	11° 5'18	25°13	2°17	24° 2	1° 9	22°59	8°44	18°54	23°35	3° 3	24°D14	25° 8	27°43	n.a.	S 11
S 12	4 45 41	12° 6'29	9♍10	3°53	25°12	1°46	23°12	8°49	18°52	23°37	3° 4	24°R15	25° 4	27°49	n.a.	S 12
M13	4 49 38	13° 7'39	23°15	5°29	26°22	2°24	23°25	8°55	18°50	23°39	3° 5	24°14	25° 1	27°56	n.a.	M13
T 14	4 53 34	14° 8'48	7♎27	7° 5	27°31	3° 1	23°37	9° 0	18°48	23°41	3° 6	24°12	24°58	28° 3	n.a.	T 14
W15	4 57 31	15° 9'57	21°45	8°42	28°41	3°39	23°50	9° 5	18°46	23°43	3° 7	24° 8	24°55	28° 9	n.a.	W15
T 16	5 1 27	16°11'05	6♏ 5	10°20	29°50	4°17	24° 3	9°11	18°44	23°46	3° 8	24° 0	24°52	28°16	n.a.	T 16
F 17	5 5 24	17°12'13	20°23	11°58	1♒ 0	4°54	24°16	9°16	18°42	23°48	3° 9	23°51	24°49	28°23	n.a.	F 17
S 18	5 9 20	18°13'20	4♐34	13°37	2° 9	5°32	24°29	9°22	18°40	23°50	3°10	23°39	24°45	28°29	n.a.	S 18
S 19	5 13 17	19°14'25	18°31	15°16	3°18	6°10	24°42	9°28	18°37	23°52	3°11	23°28	24°42	28°36	n.a.	S 19
M20	5 17 14	20°15'30	2♑11	16°56	4°27	6°47	24°55	9°33	18°35	23°54	3°12	23°18	24°39	28°43	n.a.	M20
T 21	5 21 10	21°16'34	15°30	18°37	5°35	7°25	25° 8	9°39	18°33	23°56	3°13	23°10	24°36	28°49	n.a.	T 21
W22	5 25 7	22°17'37	28°27	20°18	6°44	8° 3	25°22	9°45	18°31	23°58	3°14	23° 4	24°33	28°56	n.a.	W22
T 23	5 29 3	23°18'38	11♒ 4	22° 0	7°52	8°41	25°35	9°51	18°28	24° 0	3°15	23° 1	24°30	29° 3	n.a.	T 23
F 24	5 33 0	24°19'37	23°21	23°43	9° 0	9°19	25°48	9°57	18°26	24° 2	3°16	23°D 1	24°26	29° 9	n.a.	F 24
S 25	5 36 56	25°20'36	5♓25	25°26	10° 8	9°57	26° 2	10° 3	18°24	24° 4	3°16	23° 1	24°23	29°16	n.a.	S 25
S 26	5 40 53	26°21'32	17°18	27°10	11°16	10°35	26°15	10° 9	18°21	24° 6	3°17	23° 2	24°20	29°23	n.a.	S 26
M27	5 44 50	27°22'28	29° 7	28°55	12°24	11°13	26°29	10°15	18°19	24° 8	3°18	23°R 3	24°17	29°29	n.a.	M27
T 28	5 48 46	28°23'21	10♈57	0♑40	13°31	11°51	26°42	10°22	18°17	24°10	3°18	23° 2	24°14	29°36	n.a.	T 28
W29	5 52 43	29°24'13	22°54	2°26	14°38	12°29	26°56	10°28	18°14	24°12	3°19	22°58	24°10	29°43	n.a.	W29
T 30	5 56 39	0♑25'03	5♉ 1	4°12	15°45	13° 7	27° 9	10°34	18°12	24°14	3°20	22°53	24° 7	29°49	n.a.	T 30
F 31	6 0 36	1♑25'52	17♉23	6♑ 0	16♒51	13♓45	27♑23	10♒41	18♋ 9	24♏16	3♎20	22♌46	24♌ 4	29♓56	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20s39	2n30	3s49	17s14	0s 7	25s18	2s 4	14s10	0s49	23s 8	1s 0	20s18	1s48	23n 1	0n36	17s29	1n26	13n26	15n57	13n 8	13n10	3s48			n.a.
T 2	20 52	6 29	4 25	17 46	0 13	25 10	2 3	13 56	0 47	23 6	1 0	20 16	1 48	23 1	0 36	17 29	1 26	13 26	15 57	13 11	13 11	3 46			n.a.
F 3	21 4	10 17	4 49	18 18	0 20	25 1	2 2	13 42	0 46	23 4	1 0	20 15	1 47	23 1	0 36	17 30	1 26	13 25	15 58	13 15	13 12	3 44			n.a.
S 4	21 16	13 42	5 0	18 49	0 27	24 52	2 1	13 28	0 44	23 2	1 0	20 14	1 47	23 1	0 36	17 31	1 26	13 25	15 58	13 20	13 13	3 42			n.a.
S 5	21 27	16 33	4 56	19 20	0 33	24 42	2 0	13 13	0 43	23 0	1 0	20 13	1 47	23 2	0 36	17 31	1 26	13 25	15 58	13 25	13 14	3 40			n.a.
M 6	21 38	18 38	4 37	19 49	0 40	24 31	1 58	12 59	0 41	22 58	1 0	20 11	1 47	23 2	0 36	17 32	1 26	13 25	15 59	13 29	13 15	3 38			n.a.
T 7	21 49	19 46	4 3	20 18	0 46	24 19	1 57	12 44	0 40	22 56	1 0	20 10	1 47	23 2	0 36	17 32	1 26	13 25	15 59	13 33	13 16	3 36			n.a.
W 8	21 59	19 48	3 15	20 46	0 52	24 7	1 55	12 30	0 38	22 54	1 0	20 8	1 47	23 3	0 36	17 33	1 26	13 25	16 0	13 36	13 17	3 34			n.a.
T 9	22 9	18 43	2 16	21 13	0 58	23 54	1 54	12 15	0 37	22 52	1 0	20 7	1 47	23 3	0 36	17 33	1 26	13 25	16 0	13 38	13 19	3 32			n.a.
F 10	22 18	16 33	1 8	21 39	1 4	23 40	1 52	12 1	0 36	22 50	1 0	20 6	1 47	23 3	0 36	17 34	1 26	13 24	16 1	13 39	13 20	3 30			n.a.
S 11	22 27	13 24	0n 5	22 4	1 9	23 26	1 50	11 46	0 34	22 48	1 0	20 4	1 47	23 3	0 37	17 35	1 26	13 24	16 1	13 39	13 21	3 28			n.a.
S 12	22 36	9 28	1 18	22 28	1 14	23 11	1 48	11 31	0 33	22 46	1 0	20 3	1 47	23 4	0 37	17 35	1 26	13 24	16 2	13 39	13 22	3 26			n.a.
M13	22 44	4 58	2 28	22 51	1 19	22 56	1 46	11 16	0 32	22 43	1 0	20 1	1 46	23 4	0 37	17 36	1 26	13 24	16 2	13 39	13 23	3 24			n.a.
T 14	22 51	0 11	3 28	23 13	1 24	22 40	1 43	11 1	0 30	22 41	0 59	20 0	1 46	23 4	0 37	17 36	1 26	13 24	16 3	13 39	13 24	3 22			n.a.
W15	22 58	4s39	4 16	23 33	1 29	22 23	1 41	10 46	0 29	22 39	0 59	19 58	1 46	23 5	0 37	17 37	1 26	13 24	16 3	13 41	13 25	3 20			n.a.
T 16	23 5	9 14	4 48	23 53	1 33	22 6	1 38	10 31	0 28	22 36	0 59	19 56	1 46	23 5	0 37	17 37	1 26	13 24	16 4	13 44	13 26	3 18			n.a.
F 17	23 11	13 16	5 2	24 11	1 37	21 48	1 36	10 16	0 26	22 34	0 59	19 55	1 46	23 5	0 37	17 38	1 26	13 24	16 4	13 47	13 27	3 16			n.a.
S 18	23 17	16 31	4 57	24 27	1 41	21 30	1 33	10 1	0 25	22 32	0 59	19 53	1 46	23 6	0 37	17 38	1 26	13 24	16 4	13 50	13 28	3 14			n.a.
S 19	23 22	18 45	4 35	24 43	1 45	21 11	1 30	9 46	0 24	22 29	0 59	19 52	1 46	23 6	0 37	17 39	1 26	13 24	16 5	13 54	13 29	3 12			n.a.
M20	23 27	19 51	3 57	24 57	1 48	20 51	1 27	9 30	0 23	22 27	0 59	19 50	1 46	23 6	0 37	17 39	1 26	13 25	16 5	13 58	13 30	3 10			n.a.
T 21	23 31	19 49	3 6	25 9	1 51	20 31	1 24	9 15	0 21	22 24	0 59	19 48	1 46	23 7	0 37	17 40	1 26	13 25	16 6	14 0	13 31	3 8			n.a.
W22	23 35	18 43	2 7	25 20	1 53	20 11	1 21	8 59	0 20	22 22	0 59	19 47	1 46	23 7	0 37	17 40	1 26	13 25	16 6	14 2	13 33	3 6			n.a.
T 23	23 38	16 42	1 4	25 29	1 55	19 50	1 18	8 44	0 19	22 19	0 59	19 45	1 46	23 7	0 37	17 41	1 26	13 25	16 7	14 3	13 34	3 4			n.a.
F 24	23 41	13 58	0s 2	25 37	1 57	19 28	1 14	8 28	0 18	22 17	0 59	19 43	1 46	23 8	0 37	17 41	1 26	13 25	16 7	14 3	13 35	3 2			n.a.
S 25	23 44	10 42	1 6	25 42	1 59	19 6	1 11	8 13	0 17	22 14	0 59	19 41	1 46	23 8	0 37	17 42	1 26	13 25	16 8	14 3	13 36	3 0			n.a.
S 26	23 46	7 2	2 7	25 47	2 0	18 44	1 7	7 57	0 16	22 12	0 59	19 40	1 45	23 8	0 37	17 42	1 26	13 25	16 8	14 3	13 37	2 57			n.a.
M27	23 47	3 7	3 1	25 49	2 0	18 21	1 3	7 42	0 14	22 9	0 59	19 38	1 45	23 9	0 37	17 43	1 26	13 26	16 9	14 3	13 38	2 55			n.a.
T 28	23 48	0n54	3 48	25 49	2 1	17 58	0 59	7 26	0 13	22 7	0 59	19 36	1 45	23 9	0 37	17 43	1 26	13 26	16 10	14 3	13 39	2 53			n.a.
W29	23 49	4 56	4 26	25 48	2 0	17 35	0 55	7 10	0 12	22 4	0 59	19 34	1 45	23 9	0 37	17 44	1 26	13 26	16 10	14 4	13 40	2 51			n.a.
T 30	23 49	8 49	4 52	25 44	2 0	17 11	0 51	6 54	0 11	22 1	0 59	19 33	1 45	23 10	0 37	17 44	1 26	13 26	16 11	14 6	13 41	2 49			n.a.
F 31	23s48	12n24	5s 5	25s39	1s58	16s46	0s47	6s39	0s10	21s58	0s59	19s31	1s45	23n10	0n37	17s45	1n26	13n26	16n11	14n 8	13n42	2s47			n.a.

Julian Day Number = 1363447.5, Delta T = 06h56m55s
Ecliptic obliquity = 23°48'36, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°36'23, Lahiri = -17°29'23 Julian Calendar 1 Dec. 981 BCE == Greg. Calendar 22 Nov. 981 BCE

The year -980 astronomical counting style corresponds to year 981 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 980 BCE
geocentric

JANUARY 980 BCE (-979) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 4 32	2♑26'39	0♊ 3	7♑47	17♒58	14♓23	27♑37	10♒47	18°R 7	24♏18	3♎21	22°R37	24♌ 1	0♈ 3	n.a.	S 1
S 2	6 8 29	3°27'25	13° 1	9°36	19° 4	15° 1	27°51	10°54	18♋ 4	24°20	3°21	22♌28	23°58	0°10	n.a.	S 2
M 3	6 12 25	4°28'09	26°18	11°24	20°10	15°39	28° 5	11° 0	18° 2	24°22	3°22	22°19	23°55	0°16	n.a.	M 3
T 4	6 16 22	5°28'51	9♋52	13°13	21°15	16°17	28°18	11° 7	17°59	24°23	3°22	22°12	23°51	0°23	n.a.	T 4
W 5	6 20 19	6°29'32	23°40	15° 2	22°21	16°55	28°32	11°13	17°57	24°25	3°22	22° 6	23°48	0°30	n.a.	W 5
T 6	6 24 15	7°30'12	7♌39	16°51	23°26	17°33	28°46	11°20	17°54	24°27	3°23	22° 3	23°45	0°36	n.a.	T 6
F 7	6 28 12	8°30'50	21°45	18°40	24°30	18°12	29° 0	11°27	17°52	24°29	3°23	22°D 2	23°42	0°43	n.a.	F 7
S 8	6 32 8	9°31'26	5♍55	20°29	25°35	18°50	29°14	11°34	17°49	24°31	3°23	22° 3	23°39	0°50	n.a.	S 8
S 9	6 36 5	10°32'01	20° 6	22°17	26°39	19°28	29°28	11°40	17°46	24°32	3°23	22° 4	23°36	0°56	n.a.	S 9
M10	6 40 1	11°32'35	4♎16	24° 4	27°43	20° 6	29°42	11°47	17°44	24°34	3°24	22° 6	23°32	1° 3	n.a.	M10
T 11	6 43 58	12°33'07	18°24	25°50	28°46	20°44	29°57	11°54	17°41	24°36	3°24	22°R 6	23°29	1°10	n.a.	T 11
W12	6 47 54	13°33'38	2♏28	27°35	29°49	21°23	0♒11	12° 1	17°39	24°37	3°24	22° 4	23°26	1°16	n.a.	W12
T 13	6 51 51	14°34'07	16°27	29°17	0♓52	22° 1	0°25	12° 8	17°36	24°39	3°24	22° 1	23°23	1°23	n.a.	T 13
F 14	6 55 48	15°34'35	0♐18	0♒57	1°54	22°39	0°39	12°15	17°33	24°41	3°24	21°56	23°20	1°30	n.a.	F 14
S 15	6 59 44	16°35'01	14° 0	2°35	2°57	23°17	0°53	12°22	17°31	24°42	3°R24	21°50	23°16	1°36	n.a.	S 15
S 16	7 3 41	17°35'26	27°29	4° 8	3°58	23°55	1° 8	12°29	17°28	24°44	3°24	21°44	23°13	1°43	n.a.	S 16
M17	7 7 37	18°35'49	10♑45	5°38	5° 0	24°34	1°22	12°36	17°25	24°45	3°24	21°39	23°10	1°50	n.a.	M17
T 18	7 11 34	19°36'10	23°45	7° 3	6° 1	25°12	1°36	12°43	17°23	24°47	3°24	21°35	23° 7	1°56	n.a.	T 18
W19	7 15 30	20°36'29	6♒29	8°22	7° 1	25°50	1°51	12°51	17°20	24°48	3°24	21°32	23° 4	2° 3	n.a.	W19
T 20	7 19 27	21°36'47	18°57	9°36	8° 1	26°29	2° 5	12°58	17°17	24°50	3°23	21°D31	23° 1	2°10	n.a.	T 20
F 21	7 23 23	22°37'02	1♓10	10°43	9° 1	27° 7	2°19	13° 5	17°15	24°51	3°23	21°31	22°57	2°16	n.a.	F 21
S 22	7 27 20	23°37'14	13°12	11°43	10° 0	27°45	2°34	13°12	17°12	24°53	3°23	21°33	22°54	2°23	n.a.	S 22
S 23	7 31 17	24°37'25	25° 6	12°35	10°59	28°23	2°48	13°20	17°10	24°54	3°23	21°34	22°51	2°30	n.a.	S 23
M24	7 35 13	25°37'34	6♈56	13°19	11°57	29° 2	3° 2	13°27	17° 7	24°55	3°22	21°36	22°48	2°36	n.a.	M24
T 25	7 39 10	26°37'40	18°46	13°54	12°54	29°40	3°17	13°34	17° 4	24°57	3°22	21°37	22°45	2°43	n.a.	T 25
W26	7 43 6	27°37'44	0♉43	14°21	13°52	0♈18	3°31	13°42	17° 2	24°58	3°22	21°R38	22°42	2°50	n.a.	W26
T 27	7 47 3	28°37'46	12°50	14°38	14°48	0°57	3°46	13°49	16°59	24°59	3°21	21°37	22°38	2°56	n.a.	T 27
F 28	7 50 59	29°37'45	25°12	14°R46	15°44	1°35	4° 0	13°56	16°57	25° 0	3°21	21°35	22°35	3° 3	n.a.	F 28
S 29	7 54 56	0♒37'42	7♊53	14°44	16°40	2°13	4°15	14° 4	16°54	25° 2	3°20	21°32	22°32	3°10	n.a.	S 29
S 30	7 58 52	1°37'37	20°55	14°34	17°34	2°52	4°29	14°11	16°52	25° 3	3°20	21°29	22°29	3°16	n.a.	S 30
M31	8 2 49	2♒37'30	4♋21	14♒15	18♓29	3♈30	4♒43	14♒19	16♋49	25♏ 4	3♎19	21♌26	22♌26	3♈23	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s47	15n31	5s 4	25s31	1s57	16s22	0s43	6s23	0s 9	21s56	0s59	19s29	1s45	23n10	0n37	17s45	1n26	13n27	16n12	14n11	13n43	2s45		n.a.
S 2	23 46	17 57	4 48	25 21	1 54	15 57	0 38	6 7	0 8	21 53	0 59	19 27	1 45	23 11	0 37	17 45	1 26	13 27	16 12	14 14	13 44	2 43		n.a.
M 3	23 44	19 30	4 15	25 9	1 51	15 31	0 34	5 51	0 7	21 50	0 59	19 25	1 45	23 11	0 37	17 46	1 26	13 27	16 13	14 17	13 45	2 41		n.a.
T 4	23 42	19 59	3 28	24 56	1 48	15 6	0 29	5 35	0 6	21 47	0 59	19 23	1 45	23 12	0 37	17 46	1 26	13 28	16 13	14 20	13 46	2 39		n.a.
W 5	23 39	19 17	2 27	24 40	1 43	14 40	0 25	5 19	0 5	21 44	0 59	19 21	1 45	23 12	0 37	17 47	1 26	13 28	16 14	14 21	13 48	2 37		n.a.
T 6	23 36	17 24	1 17	24 21	1 38	14 14	0 20	5 3	0 4	21 41	0 59	19 19	1 45	23 12	0 37	17 47	1 26	13 28	16 14	14 22	13 49	2 35		n.a.
F 7	23 32	14 27	0 2	24 1	1 33	13 47	0 15	4 47	0 3	21 38	0 59	19 17	1 45	23 13	0 37	17 48	1 26	13 29	16 15	14 23	13 50	2 33		n.a.
S 8	23 28	10 38	1n15	23 39	1 27	13 21	0 10	4 31	0 2	21 36	0 59	19 16	1 45	23 13	0 37	17 48	1 26	13 29	16 15	14 22	13 51	2 31		n.a.
S 9	23 23	6 13	2 26	23 15	1 20	12 54	0 5	4 15	0 1	21 33	0 59	19 14	1 45	23 13	0 37	17 48	1 26	13 29	16 16	14 22	13 52	2 29		n.a.
M10	23 18	1 28	3 29	22 48	1 12	12 27	0n 1	3 59	0n 0	21 30	0 59	19 12	1 45	23 14	0 37	17 49	1 26	13 30	16 16	14 22	13 53	2 27		n.a.
T 11	23 12	3s20	4 19	22 20	1 3	11 59	0 6	3 43	0 1	21 27	0 59	19 10	1 45	23 14	0 37	17 49	1 26	13 30	16 17	14 22	13 54	2 25		n.a.
W12	23 6	7 56	4 53	21 51	0 54	11 32	0 12	3 26	0 2	21 23	0 59	19 8	1 45	23 14	0 37	17 50	1 26	13 31	16 17	14 22	13 55	2 23		n.a.
T 13	23 0	12 4	5 9	21 20	0 44	11 4	0 17	3 10	0 3	21 20	0 59	19 6	1 45	23 15	0 37	17 50	1 26	13 31	16 18	14 23	13 56	2 21		n.a.
F 14	22 53	15 31	5 8	20 47	0 33	10 36	0 23	2 54	0 4	21 17	0 59	19 4	1 45	23 15	0 37	17 50	1 26	13 32	16 18	14 25	13 57	2 19		n.a.
S 15	22 46	18 4	4 48	20 14	0 21	10 8	0 28	2 38	0 5	21 14	0 59	19 1	1 45	23 15	0 37	17 51	1 26	13 32	16 19	14 27	13 58	2 17		n.a.
S 16	22 38	19 34	4 13	19 40	0 9	9 40	0 34	2 22	0 6	21 11	0 59	18 59	1 45	23 16	0 37	17 51	1 26	13 32	16 19	14 29	13 59	2 15		n.a.
M17	22 30	19 58	3 24	19 5	0n 4	9 12	0 40	2 6	0 7	21 8	0 59	18 57	1 45	23 16	0 37	17 51	1 26	13 33	16 20	14 30	14 0	2 12		n.a.
T 18	22 21	19 17	2 26	18 31	0 18	8 44	0 46	1 49	0 7	21 5	1 0	18 55	1 45	23 17	0 37	17 52	1 26	13 33	16 20	14 32	14 1	2 10		n.a.
W19	22 12	17 38	1 21	17 56	0 32	8 16	0 52	1 33	0 8	21 1	1 0	18 53	1 45	23 17	0 37	17 52	1 26	13 34	16 21	14 33	14 2	2 8		n.a.
T 20	22 3	15 9	0 14	17 22	0 47	7 47	0 59	1 17	0 9	20 58	1 0	18 51	1 45	23 17	0 37	17 52	1 26	13 35	16 21	14 33	14 3	2 6		n.a.
F 21	21 53	12 3	0s53	16 50	1 2	7 19	1 5	1 1	0 10	20 55	1 0	18 49	1 45	23 18	0 37	17 53	1 26	13 35	16 22	14 33	14 5	2 4		n.a.
S 22	21 42	8 29	1 56	16 18	1 17	6 50	1 11	0 44	0 11	20 52	1 0	18 47	1 45	23 18	0 37	17 53	1 26	13 36	16 22	14 32	14 6	2 2		n.a.
S 23	21 32	4 38	2 54	15 49	1 33	6 22	1 18	0 28	0 12	20 48	1 0	18 45	1 45	23 18	0 37	17 53	1 27	13 36	16 23	14 32	14 7	2 0		n.a.
M24	21 21	0 38	3 44	15 21	1 48	5 53	1 24	0 12	0 12	20 45	1 0	18 43	1 45	23 19	0 37	17 54	1 27	13 37	16 23	14 31	14 8	1 58		n.a.
T 25	21 9	3n23	4 25	14 56	2 4	5 25	1 31	0n 4	0 13	20 42	1 0	18 40	1 45	23 19	0 37	17 54	1 27	13 37	16 24	14 31	14 9	1 56		n.a.
W26	20 57	7 18	4 54	14 34	2 19	4 57	1 38	0 20	0 14	20 38	1 0	18 38	1 45	23 19	0 37	17 54	1 27	13 38	16 24	14 31	14 10	1 54		n.a.
T 27	20 45	10 59	5 11	14 15	2 34	4 28	1 44	0 37	0 15	20 35	1 0	18 36	1 45	23 20	0 37	17 54	1 27	13 39	16 25	14 31	14 11	1 52		n.a.
F 28	20 33	14 16	5 14	13 59	2 48	4 0	1 51	0 53	0 16	20 31	1 0	18 34	1 45	23 20	0 37	17 55	1 27	13 39	16 25	14 32	14 12	1 50		n.a.
S 29	20 20	16 59	5 2	13 47	3 1	3 32	1 58	1 9	0 16	20 28	1 0	18 32	1 45	23 20	0 37	17 55	1 27	13 40	16 26	14 33	14 13	1 48		n.a.
S 30	20 6	18 56	4 35	13 39	3 13	3 4	2 5	1 25	0 17	20 24	1 0	18 30	1 45	23 21	0 37	17 55	1 27	13 40	16 26	14 34	14 14	1 46		n.a.
M31	19s53	19n53	3s51	13s34	3n23	2s36	2n12	1n41	0n18	20s21	1s 0	18s27	1s45	23n21	0n37	17s55	1n27	13n41	16n27	14n35	14n15	1s44		n.a.

Julian Day Number = 1363478.5, Delta T = 06h56m54s
Ecliptic obliquity = 23°48'36, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°36'19, Lahiri = -17°29'18 Julian Calendar 1 Jan. 980 BCE == Greg. Calendar 23 Dec. 981 BCE

The year -979 astronomical counting style corresponds to year 980 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 980 BCE
geocentric

FEBRUARY 980 BCE (-979) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 6 46	3♒37'20	18♋ 9	13°R47	19♓22	4♈ 8	4♒58	14♒26	16°R47	25♏ 5	3°R19	21°R24	22♌22	3♈30	n.a.	T 1
W 2	8 10 42	4°37'08	2♌17	13♒13	20°15	4°47	5°12	14°34	16♋44	25° 6	3♎18	21♌22	22°19	3°36	n.a.	W 2
T 3	8 14 39	5°36'54	16°41	12°31	21° 7	5°25	5°27	14°41	16°42	25° 7	3°17	21°D22	22°16	3°43	n.a.	T 3
F 4	8 18 35	6°36'38	1♍15	11°44	21°58	6° 3	5°41	14°49	16°39	25° 8	3°17	21°22	22°13	3°50	n.a.	F 4
S 5	8 22 32	7°36'20	15°53	10°53	22°49	6°41	5°56	14°56	16°37	25° 9	3°16	21°22	22°10	3°57	n.a.	S 5
S 6	8 26 28	8°36'00	0♎29	9°59	23°39	7°20	6°10	15° 4	16°35	25°10	3°15	21°24	22° 7	4° 3	n.a.	S 6
M 7	8 30 25	9°35'38	14°58	9° 3	24°28	7°58	6°25	15°11	16°32	25°11	3°14	21°24	22° 3	4°10	n.a.	M 7
T 8	8 34 21	10°35'14	29°15	8° 6	25°16	8°36	6°39	15°19	16°30	25°12	3°14	21°25	22° 0	4°17	n.a.	T 8
W 9	8 38 18	11°34'48	13♏20	7° 9	26° 3	9°15	6°53	15°26	16°28	25°13	3°13	21°R25	21°57	4°23	n.a.	W 9
T 10	8 42 14	12°34'21	27°10	6°14	26°49	9°53	7° 8	15°34	16°25	25°14	3°12	21°25	21°54	4°30	n.a.	T 10
F 11	8 46 11	13°33'52	10♐44	5°23	27°35	10°31	7°22	15°41	16°23	25°15	3°11	21°24	21°51	4°37	n.a.	F 11
S 12	8 50 8	14°33'20	24° 4	4°34	28°19	11° 9	7°37	15°49	16°21	25°15	3°10	21°24	21°47	4°43	n.a.	S 12
S 13	8 54 4	15°32'47	7♑ 9	3°50	29° 3	11°48	7°51	15°56	16°19	25°16	3° 9	21°23	21°44	4°50	n.a.	S 13
M14	8 58 1	16°32'12	20° 0	3°11	29°45	12°26	8° 5	16° 4	16°16	25°17	3° 8	21°22	21°41	4°57	n.a.	M14
T 15	9 1 57	17°31'35	2♒38	2°38	0♈27	13° 4	8°20	16°12	16°14	25°17	3° 7	21°22	21°38	5° 3	n.a.	T 15
W16	9 5 54	18°30'55	15° 4	2°10	1° 7	13°42	8°34	16°19	16°12	25°18	3° 6	21°22	21°35	5°10	n.a.	W16
T 17	9 9 50	19°30'14	27°19	1°48	1°46	14°21	8°49	16°27	16°10	25°19	3° 5	21°D22	21°32	5°17	n.a.	T 17
F 18	9 13 47	20°29'30	9♓24	1°31	2°24	14°59	9° 3	16°34	16° 8	25°19	3° 4	21°22	21°28	5°23	n.a.	F 18
S 19	9 17 43	21°28'44	21°22	1°21	3° 0	15°37	9°17	16°42	16° 6	25°20	3° 3	21°R22	21°25	5°30	n.a.	S 19
S 20	9 21 40	22°27'55	3♈14	1°D17	3°35	16°15	9°31	16°49	16° 4	25°20	3° 2	21°22	21°22	5°37	n.a.	S 20
M21	9 25 36	23°27'04	15° 3	1°18	4° 9	16°54	9°46	16°57	16° 2	25°21	3° 0	21°21	21°19	5°43	n.a.	M21
T 22	9 29 33	24°26'11	26°54	1°25	4°41	17°32	10° 0	17° 4	16° 0	25°21	2°59	21°21	21°16	5°50	n.a.	T 22
W23	9 33 30	25°25'15	8♉50	1°37	5°12	18°10	10°14	17°12	15°58	25°22	2°58	21°21	21°13	5°57	n.a.	W23
T 24	9 37 26	26°24'17	20°55	1°54	5°42	18°48	10°28	17°19	15°56	25°22	2°57	21°D20	21° 9	6° 4	n.a.	T 24
F 25	9 41 23	27°23'17	3♊14	2°16	6° 9	19°27	10°42	17°27	15°55	25°22	2°56	21°20	21° 6	6°10	n.a.	F 25
S 26	9 45 19	28°22'14	15°52	2°43	6°35	20° 5	10°57	17°34	15°53	25°23	2°54	21°21	21° 3	6°17	n.a.	S 26
S 27	9 49 16	29°21'09	28°51	3°14	7° 0	20°43	11°11	17°42	15°51	25°23	2°53	21°21	21° 0	6°24	n.a.	S 27
M28	9 53 12	0♓20'01	12♋15	3♒49	7♈22	21♈21	11♒25	17♒49	15♋50	25♏23	2♎52	21♌22	20♌57	6♈30	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s39	19n42	2s53	13s33	3n33	2s 8	2n20	1n57	0n19	20s18	1s 0	18s25	1s45	23n21	0n37	17s56	1n27	13n42	16n27	14n35	14n16	1s41		n.a.
W 2	19 24	18 16	1 44	13 36	3 40	1 41	2 27	2 13	0 19	20 14	1 0	18 23	1 45	23 22	0 37	17 56	1 27	13 42	16 28	14 36	14 17	1 39		n.a.
T 3	19 10	15 40	0 26	13 42	3 46	1 13	2 34	2 29	0 20	20 10	1 0	18 21	1 45	23 22	0 37	17 56	1 27	13 43	16 28	14 36	14 18	1 37		n.a.
F 4	18 55	12 3	0n55	13 51	3 50	0 46	2 42	2 46	0 21	20 7	1 0	18 19	1 45	23 22	0 37	17 56	1 27	13 44	16 28	14 36	14 19	1 35		n.a.
S 5	18 39	7 40	2 12	14 3	3 52	0 19	2 49	3 2	0 22	20 3	1 0	18 16	1 45	23 22	0 37	17 57	1 27	13 44	16 29	14 36	14 20	1 33		n.a.
S 6	18 23	2 52	3 20	14 18	3 52	0n 8	2 56	3 18	0 22	20 0	1 1	18 14	1 45	23 23	0 37	17 57	1 27	13 45	16 29	14 35	14 21	1 31		n.a.
M 7	18 7	2s 4	4 15	14 35	3 50	0 34	3 4	3 34	0 23	19 56	1 1	18 12	1 45	23 23	0 37	17 57	1 27	13 46	16 30	14 35	14 22	1 29		n.a.
T 8	17 51	6 48	4 54	14 54	3 46	1 1	3 12	3 50	0 24	19 53	1 1	18 10	1 45	23 23	0 37	17 57	1 27	13 46	16 30	14 35	14 23	1 27		n.a.
W 9	17 35	11 6	5 14	15 14	3 40	1 27	3 19	4 5	0 24	19 49	1 1	18 7	1 45	23 24	0 37	17 57	1 27	13 47	16 31	14 35	14 24	1 25		n.a.
T 10	17 18	14 43	5 16	15 35	3 32	1 52	3 27	4 21	0 25	19 45	1 1	18 5	1 45	23 24	0 37	17 57	1 27	13 48	16 31	14 35	14 26	1 23		n.a.
F 11	17 1	17 28	4 59	15 56	3 23	2 18	3 34	4 37	0 26	19 42	1 1	18 3	1 45	23 24	0 37	17 58	1 27	13 49	16 31	14 35	14 27	1 21		n.a.
S 12	16 43	19 14	4 27	16 18	3 12	2 43	3 42	4 53	0 26	19 38	1 1	18 1	1 45	23 24	0 37	17 58	1 27	13 49	16 32	14 35	14 28	1 19		n.a.
S 13	16 25	19 56	3 42	16 40	3 1	3 7	3 50	5 9	0 27	19 34	1 1	17 58	1 45	23 25	0 37	17 58	1 27	13 50	16 32	14 36	14 29	1 16		n.a.
M14	16 7	19 34	2 45	17 1	2 48	3 32	3 58	5 25	0 28	19 31	1 1	17 56	1 45	23 25	0 37	17 58	1 27	13 51	16 33	14 36	14 30	1 14		n.a.
T 15	15 49	18 13	1 42	17 22	2 35	3 55	4 6	5 40	0 28	19 27	1 1	17 54	1 45	23 25	0 37	17 58	1 27	13 52	16 33	14 36	14 31	1 12		n.a.
W16	15 31	16 1	0 35	17 42	2 21	4 19	4 13	5 56	0 29	19 23	1 1	17 52	1 45	23 25	0 37	17 58	1 27	13 52	16 33	14 36	14 32	1 10		n.a.
T 17	15 12	13 6	0s33	18 1	2 7	4 42	4 21	6 12	0 30	19 19	1 1	17 49	1 45	23 26	0 37	17 58	1 27	13 53	16 34	14 36	14 33	1 8		n.a.
F 18	14 53	9 41	1 39	18 19	1 52	5 4	4 29	6 27	0 30	19 16	1 1	17 47	1 45	23 26	0 37	17 58	1 28	13 54	16 34	14 36	14 34	1 6		n.a.
S 19	14 34	5 54	2 39	18 35	1 37	5 26	4 37	6 43	0 31	19 12	1 2	17 45	1 45	23 26	0 37	17 59	1 28	13 55	16 34	14 36	14 35	1 4		n.a.
S 20	14 14	1 56	3 32	18 50	1 23	5 47	4 45	6 58	0 31	19 8	1 2	17 43	1 45	23 26	0 37	17 59	1 28	13 55	16 35	14 36	14 36	1 2		n.a.
M21	13 55	2n 5	4 16	19 4	1 8	6 8	4 52	7 14	0 32	19 4	1 2	17 40	1 46	23 27	0 37	17 59	1 28	13 56	16 35	14 36	14 37	1 0		n.a.
T 22	13 35	6 2	4 49	19 17	0 54	6 28	5 0	7 29	0 33	19 0	1 2	17 38	1 46	23 27	0 37	17 59	1 28	13 57	16 35	14 36	14 38	0 58		n.a.
W23	13 15	9 46	5 10	19 27	0 40	6 48	5 8	7 45	0 33	18 57	1 2	17 36	1 46	23 27	0 37	17 59	1 28	13 58	16 36	14 36	14 39	0 55		n.a.
T 24	12 54	13 10	5 17	19 37	0 26	7 6	5 15	8 0	0 34	18 53	1 2	17 33	1 46	23 27	0 37	17 59	1 28	13 59	16 36	14 36	14 40	0 53		n.a.
F 25	12 34	16 3	5 11	19 45	0 13	7 25	5 23	8 15	0 34	18 49	1 2	17 31	1 46	23 27	0 37	17 59	1 28	13 59	16 36	14 36	14 41	0 51		n.a.
S 26	12 13	18 15	4 49	19 51	0 0	7 42	5 31	8 30	0 35	18 45	1 2	17 29	1 46	23 28	0 37	17 59	1 28	14 0	16 37	14 36	14 42	0 49		n.a.
S 27	11 53	19 36	4 12	19 56	0s12	7 59	5 38	8 45	0 36	18 41	1 2	17 27	1 46	23 28	0 37	17 59	1 28	14 1	16 37	14 36	14 43	0 47		n.a.
M28	11s32	19n54	3s21	19s59	0s24	8n14	5n45	9n 1	0n36	18s37	1s 3	17s24	1s46	23n28	0n37	17s59	1n28	14n 2	16n37	14n36	14n44	0s45		n.a.

Julian Day Number = 1363509.5, Delta T = 06h56m52s
Ecliptic obliquity = 23°48'36, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°36'15, Lahiri = -17°29'14 Julian Calendar 1 Feb. 980 BCE == Greg. Calendar 23 Jan. 980 BCE

The year -979 astronomical counting style corresponds to year 980 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 980 BCE
geocentric

MARCH 980 BCE (-979) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 57 9	1♓18'51	26♋ 5	4♒29	7♈43	21♈59	11♒39	17♒57	15°R48	25♏23	2°R50	21♌23	20♌53	6♈37	n.a.	T 1
W 2	10 1 5	2°17'39	10♌21	5°12	8° 2	22°37	11°53	18° 4	15♋46	25°24	2♎49	21°24	20°50	6°44	n.a.	W 2
T 3	10 5 2	3°16'24	24°59	5°58	8°18	23°16	12° 7	18°12	15°45	25°24	2°47	21°R24	20°47	6°50	n.a.	T 3
F 4	10 8 59	4°15'07	9♍52	6°48	8°33	23°54	12°21	18°19	15°43	25°24	2°46	21°23	20°44	6°57	n.a.	F 4
S 5	10 12 55	5°13'48	24°54	7°42	8°46	24°32	12°34	18°26	15°42	25°24	2°45	21°22	20°41	7° 4	n.a.	S 5
S 6	10 16 52	6°12'27	9♎55	8°38	8°56	25°10	12°48	18°34	15°41	25°24	2°43	21°20	20°38	7°10	n.a.	S 6
M 7	10 20 48	7°11'04	24°48	9°37	9° 5	25°48	13° 2	18°41	15°39	25°R24	2°42	21°19	20°34	7°17	n.a.	M 7
T 8	10 24 45	8° 9'39	9♏24	10°39	9°11	26°26	13°16	18°48	15°38	25°24	2°40	21°17	20°31	7°24	n.a.	T 8
W 9	10 28 41	9° 8'13	23°40	11°44	9°14	27° 4	13°30	18°56	15°37	25°24	2°39	21°15	20°28	7°30	n.a.	W 9
T 10	10 32 38	10° 6'45	7♐33	12°51	9°R16	27°42	13°43	19° 3	15°35	25°24	2°37	21°D15	20°25	7°37	n.a.	T 10
F 11	10 36 34	11° 5'15	21° 3	14° 0	9°15	28°21	13°57	19°10	15°34	25°24	2°36	21°15	20°22	7°44	n.a.	F 11
S 12	10 40 31	12° 3'43	4♑12	15°12	9°11	28°59	14°11	19°17	15°33	25°24	2°34	21°16	20°19	7°50	n.a.	S 12
S 13	10 44 27	13° 2'10	17° 2	16°27	9° 6	29°37	14°24	19°24	15°32	25°23	2°33	21°18	20°15	7°57	n.a.	S 13
M14	10 48 24	14° 0'35	29°36	17°43	8°57	0♉15	14°38	19°31	15°31	25°23	2°31	21°19	20°12	8° 4	n.a.	M14
T 15	10 52 21	14°58'58	11♒56	19° 2	8°47	0°53	14°51	19°39	15°30	25°23	2°29	21°20	20° 9	8°11	n.a.	T 15
W16	10 56 17	15°57'19	24° 7	20°22	8°34	1°31	15° 4	19°46	15°29	25°23	2°28	21°R20	20° 6	8°17	n.a.	W16
T 17	11 0 14	16°55'38	6♓ 9	21°45	8°18	2° 9	15°18	19°53	15°28	25°22	2°26	21°20	20° 3	8°24	n.a.	T 17
F 18	11 4 10	17°53'55	18° 5	23°10	8° 0	2°47	15°31	20° 0	15°28	25°22	2°25	21°17	19°59	8°31	n.a.	F 18
S 19	11 8 7	18°52'11	29°57	24°36	7°40	3°25	15°44	20° 7	15°27	25°22	2°23	21°14	19°56	8°37	n.a.	S 19
S 20	11 12 3	19°50'24	11♈48	26° 5	7°17	4° 3	15°58	20°14	15°26	25°21	2°21	21° 9	19°53	8°44	n.a.	S 20
M21	11 16 0	20°48'36	23°38	27°35	6°52	4°41	16°11	20°21	15°25	25°21	2°20	21° 4	19°50	8°51	n.a.	M21
T 22	11 19 56	21°46'45	5♉30	29° 8	6°25	5°19	16°24	20°27	15°25	25°20	2°18	20°59	19°47	8°57	n.a.	T 22
W23	11 23 53	22°44'53	17°28	0♓42	5°57	5°57	16°37	20°34	15°24	25°20	2°16	20°54	19°44	9° 4	n.a.	W23
T 24	11 27 49	23°42'58	29°34	2°18	5°26	6°35	16°50	20°41	15°24	25°19	2°15	20°50	19°40	9°11	n.a.	T 24
F 25	11 31 46	24°41'01	11♊51	3°56	4°54	7°13	17° 3	20°48	15°23	25°19	2°13	20°48	19°37	9°17	n.a.	F 25
S 26	11 35 43	25°39'03	24°25	5°36	4°20	7°51	17°15	20°54	15°23	25°18	2°11	20°D47	19°34	9°24	n.a.	S 26
S 27	11 39 39	26°37'02	7♋18	7°17	3°45	8°29	17°28	21° 1	15°23	25°17	2°10	20°48	19°31	9°31	n.a.	S 27
M28	11 43 36	27°34'59	20°36	9° 1	3° 8	9° 7	17°41	21° 8	15°22	25°17	2° 8	20°49	19°28	9°38	n.a.	M28
T 29	11 47 32	28°32'55	4♌19	10°46	2°31	9°45	17°54	21°14	15°22	25°16	2° 6	20°50	19°24	9°44	n.a.	T 29
W30	11 51 29	29°30'48	18°30	12°33	1°54	10°23	18° 6	21°21	15°22	25°15	2° 5	20°R51	19°21	9°51	n.a.	W30
T 31	11 55 25	0♈28'39	3♍ 7	14♓22	1♈16	11♉ 1	18♒19	21♒27	15♋22	25♏15	2♎ 3	20♌51	19♌18	9♈58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s10	19n 2	2s16	20s 1	0s35	8n29	5n53	9n16	0n37	18s34	1s 3	17s22	1s46	23n28	0n37	17s59	1n28	14n 2	16n38	14n36	14n45	0s43		n.a.
W 2	10 49	16 57	1 1	20 1	0 46	8 43	6 0	9 31	0 37	18 30	1 3	17 20	1 46	23 28	0 37	17 59	1 28	14 3	16 38	14 35	14 46	0 41		n.a.
T 3	10 28	13 42	0n20	19 59	0 57	8 56	6 7	9 45	0 38	18 26	1 3	17 18	1 46	23 29	0 37	17 59	1 28	14 4	16 38	14 35	14 47	0 39		n.a.
F 4	10 6	9 32	1 41	19 56	1 7	9 8	6 13	10 0	0 38	18 22	1 3	17 16	1 46	23 29	0 37	17 59	1 28	14 5	16 38	14 36	14 48	0 36		n.a.
S 5	9 44	4 44	2 55	19 51	1 16	9 20	6 20	10 15	0 39	18 18	1 3	17 13	1 47	23 29	0 37	17 59	1 28	14 6	16 39	14 36	14 49	0 34		n.a.
S 6	9 22	0s22	3 57	19 45	1 25	9 30	6 26	10 30	0 39	18 14	1 3	17 11	1 47	23 29	0 37	17 59	1 28	14 6	16 39	14 36	14 50	0 32		n.a.
M 7	9 0	5 22	4 43	19 37	1 33	9 38	6 32	10 44	0 40	18 10	1 3	17 9	1 47	23 29	0 37	17 59	1 28	14 7	16 39	14 37	14 51	0 30		n.a.
T 8	8 38	9 58	5 9	19 27	1 41	9 46	6 38	10 59	0 40	18 7	1 3	17 7	1 47	23 29	0 37	17 59	1 28	14 8	16 39	14 38	14 52	0 28		n.a.
W 9	8 16	13 53	5 16	19 15	1 48	9 53	6 44	11 13	0 41	18 3	1 4	17 4	1 47	23 29	0 37	17 59	1 28	14 9	16 39	14 38	14 53	0 26		n.a.
T 10	7 54	16 55	5 3	19 2	1 54	9 58	6 49	11 28	0 41	17 59	1 4	17 2	1 47	23 30	0 37	17 59	1 28	14 9	16 40	14 38	14 54	0 24		n.a.
F 11	7 31	18 56	4 34	18 48	2 0	10 2	6 54	11 42	0 42	17 55	1 4	17 0	1 47	23 30	0 37	17 59	1 28	14 10	16 40	14 38	14 55	0 22		n.a.
S 12	7 9	19 53	3 52	18 32	2 6	10 5	6 58	11 56	0 42	17 51	1 4	16 58	1 47	23 30	0 37	17 59	1 28	14 11	16 40	14 38	14 56	0 20		n.a.
S 13	6 46	19 46	2 58	18 14	2 11	10 6	7 2	12 10	0 43	17 47	1 4	16 56	1 47	23 30	0 37	17 59	1 28	14 12	16 40	14 37	14 58	0 17		n.a.
M14	6 23	18 39	1 57	17 54	2 15	10 6	7 6	12 24	0 43	17 43	1 4	16 53	1 48	23 30	0 37	17 58	1 28	14 13	16 40	14 37	14 59	0 15		n.a.
T 15	6 0	16 39	0 52	17 33	2 19	10 5	7 9	12 38	0 44	17 39	1 4	16 51	1 48	23 30	0 37	17 58	1 29	14 13	16 40	14 37	15 0	0 13		n.a.
W16	5 37	13 56	0s15	17 10	2 22	10 2	7 11	12 52	0 44	17 36	1 5	16 49	1 48	23 30	0 37	17 58	1 29	14 14	16 41	14 36	15 1	0 11		n.a.
T 17	5 14	10 38	1 21	16 45	2 25	9 57	7 13	13 6	0 45	17 32	1 5	16 47	1 48	23 30	0 37	17 58	1 29	14 15	16 41	14 37	15 2	0 9		n.a.
F 18	4 51	6 57	2 22	16 19	2 27	9 51	7 15	13 20	0 45	17 28	1 5	16 45	1 48	23 30	0 37	17 58	1 29	14 16	16 41	14 37	15 3	0 7		n.a.
S 19	4 28	3 1	3 16	15 51	2 29	9 44	7 15	13 33	0 45	17 24	1 5	16 43	1 48	23 30	0 37	17 58	1 29	14 16	16 41	14 39	15 4	0 5		n.a.
S 20	4 5	1n 2	4 2	15 22	2 30	9 35	7 16	13 47	0 46	17 20	1 5	16 41	1 48	23 30	0 37	17 58	1 29	14 17	16 41	14 40	15 5	0 3		n.a.
M21	3 42	5 1	4 37	14 51	2 30	9 24	7 15	14 0	0 46	17 16	1 5	16 39	1 49	23 30	0 37	17 58	1 29	14 18	16 41	14 42	15 6	0 0		n.a.
T 22	3 19	8 50	5 1	14 18	2 30	9 12	7 14	14 14	0 47	17 12	1 6	16 36	1 49	23 30	0 37	17 58	1 29	14 19	16 41	14 44	15 7	0n 2		n.a.
W23	2 55	12 19	5 12	13 44	2 30	8 59	7 12	14 27	0 47	17 9	1 6	16 34	1 49	23 31	0 36	17 57	1 29	14 19	16 41	14 45	15 8	0 4		n.a.
T 24	2 32	15 21	5 9	13 7	2 29	8 44	7 9	14 40	0 48	17 5	1 6	16 32	1 49	23 31	0 36	17 57	1 29	14 20	16 41	14 46	15 9	0 6		n.a.
F 25	2 9	17 45	4 52	12 30	2 27	8 27	7 5	14 53	0 48	17 1	1 6	16 30	1 49	23 31	0 36	17 57	1 29	14 21	16 41	14 47	15 10	0 8		n.a.
S 26	1 45	19 21	4 20	11 50	2 25	8 9	7 1	15 6	0 48	16 57	1 6	16 28	1 49	23 31	0 36	17 57	1 29	14 21	16 41	14 47	15 11	0 10		n.a.
S 27	1 22	20 1	3 35	11 10	2 22	7 51	6 55	15 19	0 49	16 53	1 6	16 26	1 49	23 31	0 36	17 57	1 29	14 22	16 41	14 47	15 12	0 12		n.a.
M28	0 59	19 37	2 37	10 27	2 19	7 30	6 49	15 32	0 49	16 49	1 7	16 24	1 50	23 31	0 36	17 56	1 29	14 23	16 41	14 47	15 13	0 15		n.a.
T 29	0 35	18 2	1 29	9 43	2 15	7 9	6 43	15 45	0 50	16 46	1 7	16 22	1 50	23 31	0 36	17 56	1 29	14 23	16 41	14 46	15 14	0 17		n.a.
W30	0 12	15 19	0 13	8 57	2 10	6 47	6 35	15 57	0 50	16 42	1 7	16 20	1 50	23 31	0 36	17 56	1 29	14 24	16 41	14 46	15 15	0 19		n.a.
T 31	0n12	11n33	1n 6	8s10	2s 5	6n24	6n27	16n10	0n50	16s38	1s 7	16s18	1s50	23n31	0n36	17s56	1n29	14n25	16n41	14n46	15n16	0n21		n.a.

Julian Day Number = 1363537.5, Delta T = 06h56m51s
Ecliptic obliquity = 23°48'37, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°36'11, Lahiri = -17°29'10 Julian Calendar 1 March 980 BCE == Greg. Calendar 20 Feb. 980 BCE

The year -979 astronomical counting style corresponds to year 980 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 980 BCE
geocentric

APRIL 980 BCE (-979) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 59 22	1♈26'29	18♍ 5	16♓13	0°R37	11♉39	18♒31	21♒34	15°R22	25°R14	2°R 1	20°R48	19♌15	10♈ 4	n.a.	F 1
S 2	12 3 18	2°24'17	3♎18	18° 5	29♓59	12°17	18°43	21°40	15°D22	25♏13	2♎ 0	20♌44	19°12	10°11	n.a.	S 2
S 3	12 7 15	3°22'03	18°34	20° 0	29°22	12°55	18°56	21°46	15♋22	25°12	1°58	20°38	19° 9	10°18	n.a.	S 3
M 4	12 11 12	4°19'48	3♏44	21°56	28°45	13°33	19° 8	21°53	15°22	25°12	1°56	20°32	19° 5	10°24	n.a.	M 4
T 5	12 15 8	5°17'31	18°38	23°54	28° 9	14°11	19°20	21°59	15°22	25°11	1°55	20°26	19° 2	10°31	n.a.	T 5
W 6	12 19 5	6°15'13	3♐ 8	25°54	27°34	14°49	19°32	22° 5	15°22	25°10	1°53	20°21	18°59	10°38	n.a.	W 6
T 7	12 23 1	7°12'54	17°11	27°56	27° 0	15°27	19°44	22°11	15°22	25° 9	1°51	20°17	18°56	10°44	n.a.	T 7
F 8	12 26 58	8°10'34	0♑45	29°59	26°28	16° 4	19°56	22°17	15°23	25° 8	1°50	20°15	18°53	10°51	n.a.	F 8
S 9	12 30 54	9° 8'12	13°53	2♈ 4	25°57	16°42	20° 8	22°23	15°23	25° 7	1°48	20°D15	18°50	10°58	n.a.	S 9
S 10	12 34 51	10° 5'49	26°37	4°10	25°28	17°20	20°19	22°29	15°23	25° 6	1°46	20°16	18°46	11° 5	n.a.	S 10
M11	12 38 47	11° 3'26	9♒ 3	6°18	25° 1	17°58	20°31	22°35	15°24	25° 5	1°45	20°17	18°43	11°11	n.a.	M11
T 12	12 42 44	12° 1'01	21°14	8°27	24°37	18°36	20°42	22°41	15°24	25° 4	1°43	20°R18	18°40	11°18	n.a.	T 12
W13	12 46 41	12°58'34	3♓15	10°36	24°14	19°14	20°54	22°47	15°25	25° 3	1°41	20°17	18°37	11°25	n.a.	W13
T 14	12 50 37	13°56'07	15° 9	12°47	23°54	19°52	21° 5	22°52	15°26	25° 2	1°40	20°14	18°34	11°31	n.a.	T 14
F 15	12 54 34	14°53'39	27° 0	14°58	23°36	20°30	21°17	22°58	15°26	25° 1	1°38	20° 8	18°30	11°38	n.a.	F 15
S 16	12 58 30	15°51'09	8♈49	17° 9	23°21	21° 7	21°28	23° 4	15°27	24°59	1°36	20° 0	18°27	11°45	n.a.	S 16
S 17	13 2 27	16°48'38	20°40	19°20	23° 7	21°45	21°39	23° 9	15°28	24°58	1°35	19°51	18°24	11°51	n.a.	S 17
M18	13 6 23	17°46'06	2♉33	21°32	22°57	22°23	21°50	23°14	15°29	24°57	1°33	19°40	18°21	11°58	n.a.	M18
T 19	13 10 20	18°43'32	14°30	23°42	22°48	23° 1	22° 1	23°20	15°30	24°56	1°32	19°29	18°18	12° 5	n.a.	T 19
W20	13 14 16	19°40'58	26°33	25°52	22°42	23°39	22°12	23°25	15°30	24°55	1°30	19°19	18°15	12°11	n.a.	W20
T 21	13 18 13	20°38'22	8♊44	28° 0	22°39	24°17	22°22	23°30	15°31	24°53	1°28	19°10	18°11	12°18	n.a.	T 21
F 22	13 22 9	21°35'45	21° 6	0♉ 8	22°D38	24°54	22°33	23°36	15°33	24°52	1°27	19° 4	18° 8	12°25	n.a.	F 22
S 23	13 26 6	22°33'07	3♋40	2°13	22°39	25°32	22°43	23°41	15°34	24°51	1°25	19° 0	18° 5	12°32	n.a.	S 23
S 24	13 30 3	23°30'27	16°32	4°17	22°42	26°10	22°54	23°46	15°35	24°50	1°24	18°58	18° 2	12°38	n.a.	S 24
M25	13 33 59	24°27'46	29°43	6°19	22°48	26°48	23° 4	23°51	15°36	24°48	1°22	18°D58	17°59	12°45	n.a.	M25
T 26	13 37 56	25°25'04	13♌18	8°20	22°56	27°26	23°14	23°56	15°37	24°47	1°21	18°R58	17°55	12°52	n.a.	T 26
W27	13 41 52	26°22'20	27°19	10°17	23° 6	28° 4	23°24	24° 0	15°38	24°45	1°19	18°58	17°52	12°58	n.a.	W27
T 28	13 45 49	27°19'36	11♍45	12°13	23°18	28°41	23°34	24° 5	15°40	24°44	1°18	18°57	17°49	13° 5	n.a.	T 28
F 29	13 49 45	28°16'50	26°34	14° 6	23°32	29°19	23°44	24°10	15°41	24°43	1°16	18°52	17°46	13°12	n.a.	F 29
S 30	13 53 42	29♈14'03	11♎41	15♉57	23♓48	29♉57	23♒54	24♒14	15♋43	24♏41	1♎15	18♌46	17♌43	13♈18	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n35	6n58	2n23	7s21	2s 0	6n 0	6n18	16n22	0n51	16s34	1s 7	16s16	1s50	23n31	0n36	17s56	1n29	14n25	16n41	14n47	15n17	0n23		n.a.
S 2	0 58	1 52	3 30	6 31	1 54	5 36	6 8	16 34	0 51	16 31	1 7	16 14	1 50	23 31	0 36	17 55	1 29	14 26	16 41	14 48	15 18	0 25		n.a.
S 3	1 22	3s21	4 22	5 39	1 47	5 11	5 57	16 46	0 52	16 27	1 8	16 12	1 51	23 31	0 36	17 55	1 29	14 27	16 41	14 50	15 19	0 27		n.a.
M 4	1 45	8 19	4 56	4 46	1 40	4 46	5 46	16 58	0 52	16 23	1 8	16 10	1 51	23 31	0 36	17 55	1 29	14 27	16 41	14 52	15 20	0 30		n.a.
T 5	2 8	12 41	5 9	3 52	1 32	4 21	5 35	17 10	0 52	16 20	1 8	16 9	1 51	23 30	0 36	17 55	1 29	14 28	16 41	14 54	15 21	0 32		n.a.
W 6	2 31	16 11	5 1	2 56	1 24	3 56	5 23	17 22	0 53	16 16	1 8	16 7	1 51	23 30	0 36	17 54	1 29	14 29	16 41	14 56	15 22	0 34		n.a.
T 7	2 54	18 36	4 36	2 0	1 16	3 31	5 10	17 34	0 53	16 12	1 8	16 5	1 51	23 30	0 36	17 54	1 29	14 29	16 41	14 57	15 23	0 36		n.a.
F 8	3 17	19 53	3 55	1 2	1 7	3 6	4 57	17 45	0 53	16 9	1 9	16 3	1 51	23 30	0 36	17 54	1 29	14 30	16 41	14 58	15 24	0 38		n.a.
S 9	3 41	20 2	3 4	0 3	0 58	2 42	4 44	17 57	0 54	16 5	1 9	16 1	1 52	23 30	0 36	17 54	1 29	14 30	16 41	14 58	15 25	0 40		n.a.
S 10	4 4	19 7	2 4	0n57	0 48	2 18	4 31	18 8	0 54	16 2	1 9	15 59	1 52	23 30	0 36	17 53	1 29	14 31	16 41	14 57	15 26	0 42		n.a.
M11	4 26	17 18	1 0	1 57	0 38	1 55	4 17	18 19	0 54	15 58	1 9	15 58	1 52	23 30	0 36	17 53	1 29	14 31	16 41	14 57	15 27	0 45		n.a.
T 12	4 49	14 43	0s 5	2 58	0 28	1 32	4 3	18 30	0 55	15 54	1 9	15 56	1 52	23 30	0 36	17 53	1 29	14 32	16 40	14 57	15 28	0 47		n.a.
W13	5 12	11 33	1 9	4 0	0 18	1 11	3 49	18 41	0 55	15 51	1 10	15 54	1 52	23 30	0 36	17 53	1 29	14 32	16 40	14 57	15 29	0 49		n.a.
T 14	5 35	7 55	2 10	5 1	0 7	0 50	3 35	18 52	0 55	15 47	1 10	15 52	1 53	23 30	0 36	17 52	1 29	14 33	16 40	14 58	15 30	0 51		n.a.
F 15	5 57	4 1	3 4	6 2	0n 4	0 30	3 21	19 2	0 56	15 44	1 10	15 51	1 53	23 30	0 36	17 52	1 30	14 33	16 40	15 0	15 31	0 53		n.a.
S 16	6 20	0n 2	3 50	7 3	0 14	0 11	3 8	19 13	0 56	15 40	1 10	15 49	1 53	23 30	0 36	17 52	1 30	14 34	16 40	15 2	15 32	0 55		n.a.
S 17	6 42	4 5	4 26	8 4	0 25	0s 7	2 54	19 23	0 56	15 37	1 10	15 47	1 53	23 29	0 36	17 51	1 30	14 34	16 40	15 5	15 33	0 57		n.a.
M18	7 5	8 0	4 51	9 3	0 35	0 24	2 40	19 34	0 57	15 34	1 11	15 46	1 53	23 29	0 36	17 51	1 30	14 35	16 39	15 9	15 34	1 0		n.a.
T 19	7 27	11 37	5 3	10 2	0 45	0 40	2 27	19 44	0 57	15 30	1 11	15 44	1 54	23 29	0 36	17 51	1 30	14 35	16 39	15 12	15 35	1 2		n.a.
W20	7 49	14 48	5 2	10 59	0 55	0 54	2 13	19 54	0 57	15 27	1 11	15 43	1 54	23 29	0 36	17 50	1 30	14 36	16 39	15 16	15 36	1 4		n.a.
T 21	8 11	17 23	4 47	11 55	1 4	1 8	2 0	20 4	0 57	15 24	1 11	15 41	1 54	23 29	0 36	17 50	1 30	14 36	16 39	15 18	15 37	1 6		n.a.
F 22	8 33	19 13	4 18	12 50	1 13	1 20	1 47	20 13	0 58	15 20	1 12	15 39	1 54	23 29	0 36	17 50	1 30	14 37	16 38	15 20	15 38	1 8		n.a.
S 23	8 54	20 9	3 37	13 42	1 22	1 31	1 35	20 23	0 58	15 17	1 12	15 38	1 54	23 29	0 36	17 49	1 30	14 37	16 38	15 22	15 39	1 10		n.a.
S 24	9 16	20 4	2 44	14 33	1 30	1 41	1 23	20 32	0 58	15 14	1 12	15 36	1 55	23 28	0 36	17 49	1 30	14 37	16 38	15 22	15 40	1 13		n.a.
M25	9 37	18 53	1 41	15 22	1 37	1 50	1 10	20 42	0 59	15 11	1 12	15 35	1 55	23 28	0 36	17 49	1 30	14 38	16 38	15 22	15 41	1 15		n.a.
T 26	9 59	16 36	0 30	16 8	1 44	1 57	0 59	20 51	0 59	15 7	1 13	15 33	1 55	23 28	0 36	17 48	1 30	14 38	16 37	15 22	15 42	1 17		n.a.
W27	10 20	13 17	0n44	16 52	1 50	2 4	0 47	21 0	0 59	15 4	1 13	15 32	1 55	23 28	0 36	17 48	1 30	14 38	16 37	15 22	15 43	1 19		n.a.
T 28	10 41	9 5	1 58	17 34	1 56	2 9	0 36	21 8	0 59	15 1	1 13	15 31	1 56	23 28	0 36	17 48	1 30	14 39	16 37	15 23	15 44	1 21		n.a.
F 29	11 2	4 13	3 6	18 14	2 1	2 13	0 25	21 17	1 0	14 58	1 13	15 29	1 56	23 28	0 36	17 47	1 30	14 39	16 37	15 24	15 45	1 23		n.a.
S 30	11n22	0s59	4n 2	18n51	2n 5	2s16	0n15	21n26	1n 0	14s55	1s14	15s28	1s56	23n27	0n36	17s47	1n30	14n39	16n36	15n26	15n46	1n26		n.a.

Julian Day Number = 1363568.5, Delta T = 06h56m49s
Ecliptic obliquity = 23°48'37, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°36'07, Lahiri = -17°29'06 Julian Calendar 1 Apr. 980 BCE == Greg. Calendar 23 March 980 BCE

The year -979 astronomical counting style corresponds to year 980 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 980 BCE
geocentric

MAY 980 BCE (-979) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 57 38	0♉11'15	26♎56	17♉45	24♓ 6	0♊35	24♒ 3	24♒19	15♋44	24°R40	1°R13	18°R37	17♌40	13♈25	n.a.	S 1
M 2	14 1 35	1° 8'27	12♏10	19°30	24°26	1°13	24°13	24°23	15°46	24♏38	1♎12	18♌27	17°36	13°32	n.a.	M 2
T 3	14 5 32	2° 5'38	27°10	21°13	24°47	1°50	24°22	24°28	15°47	24°37	1°11	18°17	17°33	13°39	n.a.	T 3
W 4	14 9 28	3° 2'48	11♐49	22°54	25°10	2°28	24°31	24°32	15°49	24°36	1° 9	18° 8	17°30	13°45	n.a.	W 4
T 5	14 13 25	3°59'58	25°59	24°32	25°35	3° 6	24°40	24°36	15°51	24°34	1° 8	18° 1	17°27	13°52	n.a.	T 5
F 6	14 17 21	4°57'07	9♑40	26° 7	26° 2	3°44	24°49	24°40	15°52	24°33	1° 7	17°57	17°24	13°59	n.a.	F 6
S 7	14 21 18	5°54'16	22°52	27°39	26°30	4°22	24°58	24°44	15°54	24°31	1° 5	17°55	17°21	14° 5	n.a.	S 7
S 8	14 25 14	6°51'25	5♒38	29° 9	27° 0	4°59	25° 7	24°48	15°56	24°30	1° 4	17°D54	17°17	14°12	n.a.	S 8
M 9	14 29 11	7°48'34	18° 3	0♊36	27°31	5°37	25°16	24°52	15°58	24°28	1° 3	17°R54	17°14	14°19	n.a.	M 9
T 10	14 33 8	8°45'42	0♓12	2° 1	28° 3	6°15	25°24	24°56	16° 0	24°27	1° 1	17°54	17°11	14°25	n.a.	T 10
W11	14 37 4	9°42'50	12°10	3°22	28°37	6°53	25°32	25° 0	16° 2	24°25	1° 0	17°52	17° 8	14°32	n.a.	W11
T 12	14 41 1	10°39'58	24° 1	4°41	29°12	7°30	25°41	25° 3	16° 4	24°23	0°59	17°48	17° 5	14°39	n.a.	T 12
F 13	14 44 57	11°37'05	5♈50	5°57	29°49	8° 8	25°49	25° 7	16° 6	24°22	0°58	17°41	17° 1	14°46	n.a.	F 13
S 14	14 48 54	12°34'12	17°40	7°10	0♈26	8°46	25°57	25°10	16° 8	24°20	0°57	17°31	16°58	14°52	n.a.	S 14
S 15	14 52 50	13°31'19	29°33	8°20	1° 5	9°24	26° 4	25°14	16°10	24°19	0°56	17°19	16°55	14°59	n.a.	S 15
M16	14 56 47	14°28'26	11♉32	9°27	1°44	10° 2	26°12	25°17	16°12	24°17	0°54	17° 5	16°52	15° 6	n.a.	M16
T 17	15 0 43	15°25'33	23°37	10°31	2°25	10°39	26°20	25°20	16°14	24°16	0°53	16°52	16°49	15°12	n.a.	T 17
W18	15 4 40	16°22'39	5♊51	11°32	3° 7	11°17	26°27	25°23	16°17	24°14	0°52	16°39	16°46	15°19	n.a.	W18
T 19	15 8 37	17°19'45	18°13	12°29	3°50	11°55	26°34	25°26	16°19	24°12	0°51	16°28	16°42	15°26	n.a.	T 19
F 20	15 12 33	18°16'51	0♋45	13°24	4°33	12°33	26°41	25°29	16°21	24°11	0°50	16°19	16°39	15°32	n.a.	F 20
S 21	15 16 30	19°13'57	13°28	14°14	5°18	13°11	26°48	25°32	16°24	24° 9	0°49	16°14	16°36	15°39	n.a.	S 21
S 22	15 20 26	20°11'02	26°25	15° 1	6° 3	13°49	26°55	25°35	16°26	24° 7	0°48	16°11	16°33	15°46	n.a.	S 22
M23	15 24 23	21° 8'07	9♌38	15°45	6°49	14°26	27° 2	25°37	16°29	24° 6	0°47	16°10	16°30	15°53	n.a.	M23
T 24	15 28 19	22° 5'11	23°10	16°24	7°36	15° 4	27° 8	25°40	16°31	24° 4	0°47	16°10	16°27	15°59	n.a.	T 24
W25	15 32 16	23° 2'15	7♍ 2	17° 0	8°24	15°42	27°14	25°42	16°34	24° 3	0°46	16°10	16°23	16° 6	n.a.	W25
T 26	15 36 12	23°59'19	21°16	17°32	9°13	16°20	27°21	25°44	16°36	24° 1	0°45	16° 8	16°20	16°13	n.a.	T 26
F 27	15 40 9	24°56'23	5♎49	17°59	10° 2	16°58	27°27	25°47	16°39	23°59	0°44	16° 4	16°17	16°19	n.a.	F 27
S 28	15 44 6	25°53'26	20°39	18°22	10°52	17°35	27°32	25°49	16°42	23°58	0°43	15°57	16°14	16°26	n.a.	S 28
S 29	15 48 2	26°50'29	5♏39	18°41	11°42	18°13	27°38	25°51	16°44	23°56	0°43	15°48	16°11	16°33	n.a.	S 29
M30	15 51 59	27°47'33	20°40	18°55	12°34	18°51	27°44	25°53	16°47	23°55	0°42	15°37	16° 7	16°40	n.a.	M30
T 31	15 55 55	28♉44'37	5♐31	19♊ 4	13♈26	19♊29	27♒49	25♒55	16♋50	23♏53	0♎41	15♌27	16♌ 4	16♈46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11n43	6s11	4n41	19n26	2n 8	2s19	0n 5	21n34	1n 0	14s52	1s14	15s27	1s56	23n27	0n35	17s47	1n30	14n40	16n36	15n29	15n47	1n28			n.a.
M 2	12 3	10 58	5 0	19 59	2 11	2 20	0s 5	21 42	1 0	14 49	1 14	15 25	1 56	23 27	0 35	17 46	1 30	14 40	16 36	15 32	15 48	1 30			n.a.
T 3	12 23	14 59	4 58	20 29	2 13	2 20	0 15	21 50	1 1	14 46	1 14	15 24	1 57	23 27	0 35	17 46	1 30	14 40	16 35	15 35	15 49	1 32			n.a.
W 4	12 43	17 59	4 37	20 57	2 14	2 19	0 24	21 58	1 1	14 43	1 15	15 23	1 57	23 27	0 35	17 46	1 30	14 40	16 35	15 38	15 50	1 34			n.a.
T 5	13 3	19 46	3 59	21 22	2 15	2 17	0 33	22 6	1 1	14 40	1 15	15 22	1 57	23 26	0 35	17 45	1 30	14 41	16 35	15 40	15 51	1 36			n.a.
F 6	13 22	20 20	3 8	21 45	2 14	2 14	0 41	22 14	1 1	14 38	1 15	15 20	1 57	23 26	0 35	17 45	1 30	14 41	16 34	15 41	15 52	1 39			n.a.
S 7	13 42	19 43	2 9	22 6	2 14	2 10	0 50	22 21	1 2	14 35	1 15	15 19	1 58	23 26	0 35	17 44	1 30	14 41	16 34	15 42	15 53	1 41			n.a.
S 8	14 1	18 7	1 5	22 25	2 12	2 6	0 58	22 28	1 2	14 32	1 16	15 18	1 58	23 26	0 35	17 44	1 30	14 41	16 34	15 42	15 54	1 43			n.a.
M 9	14 20	15 40	0s 1	22 42	2 10	2 0	1 5	22 36	1 2	14 29	1 16	15 17	1 58	23 25	0 35	17 44	1 30	14 41	16 33	15 42	15 55	1 45			n.a.
T 10	14 38	12 35	1 5	22 57	2 6	1 54	1 13	22 42	1 2	14 27	1 16	15 16	1 58	23 25	0 35	17 43	1 30	14 42	16 33	15 42	15 56	1 47			n.a.
W11	14 57	9 1	2 5	23 10	2 3	1 47	1 20	22 49	1 3	14 24	1 16	15 15	1 59	23 25	0 35	17 43	1 30	14 42	16 32	15 43	15 56	1 49			n.a.
T 12	15 15	5 8	2 59	23 20	1 58	1 39	1 27	22 56	1 3	14 21	1 17	15 14	1 59	23 25	0 35	17 43	1 30	14 42	16 32	15 44	15 57	1 52			n.a.
F 13	15 33	1 5	3 45	23 29	1 53	1 30	1 33	23 2	1 3	14 19	1 17	15 13	1 59	23 24	0 35	17 42	1 30	14 42	16 32	15 46	15 58	1 54			n.a.
S 14	15 51	3n 2	4 21	23 36	1 47	1 21	1 40	23 9	1 3	14 17	1 17	15 12	1 59	23 24	0 35	17 42	1 30	14 42	16 31	15 49	15 59	1 56			n.a.
S 15	16 8	7 2	4 46	23 41	1 41	1 11	1 46	23 15	1 3	14 14	1 18	15 11	2 0	23 24	0 35	17 41	1 30	14 42	16 31	15 53	16 0	1 58			n.a.
M16	16 26	10 48	4 58	23 45	1 33	1 0	1 51	23 21	1 4	14 12	1 18	15 10	2 0	23 23	0 35	17 41	1 30	14 42	16 30	15 57	16 1	2 0			n.a.
T 17	16 43	14 10	4 58	23 47	1 25	0 48	1 57	23 27	1 4	14 9	1 18	15 9	2 0	23 23	0 35	17 41	1 30	14 42	16 30	16 1	16 2	2 2			n.a.
W18	17 0	16 58	4 43	23 47	1 17	0 36	2 2	23 32	1 4	14 7	1 18	15 9	2 0	23 23	0 35	17 40	1 30	14 42	16 29	16 5	16 3	2 5			n.a.
T 19	17 16	19 2	4 16	23 46	1 8	0 24	2 7	23 38	1 4	14 5	1 19	15 8	2 1	23 23	0 35	17 40	1 30	14 42	16 29	16 9	16 4	2 7			n.a.
F 20	17 32	20 13	3 35	23 43	0 58	0 10	2 12	23 43	1 4	14 3	1 19	15 7	2 1	23 22	0 35	17 39	1 30	14 42	16 28	16 11	16 5	2 9			n.a.
S 21	17 48	20 24	2 44	23 39	0 47	0n 3	2 16	23 48	1 5	14 1	1 19	15 6	2 1	23 22	0 35	17 39	1 30	14 42	16 28	16 13	16 6	2 11			n.a.
S 22	18 4	19 31	1 42	23 33	0 36	0 18	2 21	23 53	1 5	13 58	1 20	15 6	2 2	23 22	0 35	17 39	1 30	14 42	16 28	16 14	16 7	2 13			n.a.
M23	18 19	17 34	0 34	23 27	0 25	0 32	2 25	23 58	1 5	13 56	1 20	15 5	2 2	23 21	0 35	17 38	1 30	14 42	16 27	16 14	16 8	2 16			n.a.
T 24	18 34	14 35	0n37	23 19	0 13	0 48	2 28	24 2	1 5	13 54	1 20	15 4	2 2	23 21	0 35	17 38	1 30	14 42	16 27	16 14	16 9	2 18			n.a.
W25	18 49	10 44	1 48	23 10	0s 0	1 4	2 32	24 7	1 5	13 53	1 21	15 4	2 2	23 21	0 35	17 37	1 30	14 42	16 26	16 14	16 10	2 20			n.a.
T 26	19 4	6 11	2 54	23 0	0 13	1 20	2 35	24 11	1 5	13 51	1 21	15 3	2 3	23 20	0 35	17 37	1 30	14 42	16 26	16 15	16 11	2 22			n.a.
F 27	19 18	1 10	3 51	22 49	0 27	1 36	2 39	24 15	1 6	13 49	1 21	15 3	2 3	23 20	0 35	17 37	1 30	14 42	16 25	16 16	16 12	2 24			n.a.
S 28	19 32	3s59	4 33	22 37	0 41	1 54	2 42	24 19	1 6	13 47	1 21	15 2	2 3	23 20	0 35	17 36	1 30	14 41	16 25	16 18	16 13	2 26			n.a.
S 29	19 45	8 57	4 56	22 24	0 56	2 11	2 44	24 22	1 6	13 45	1 22	15 2	2 3	23 19	0 35	17 36	1 30	14 41	16 24	16 21	16 14	2 29			n.a.
M30	19 58	13 23	5 0	22 10	1 11	2 29	2 47	24 26	1 6	13 44	1 22	15 1	2 4	23 19	0 35	17 35	1 30	14 41	16 24	16 24	16 15	2 31			n.a.
T 31	20n11	16s55	4n43	21n56	1s26	2n47	2s49	24n29	1n 6	13s42	1s22	15s 1	2s 4	23n18	0n35	17s35	1n30	14n41	16n23	16n27	16n16	2n33			n.a.

Julian Day Number = 1363598.5, Delta T = 06h56m48s
Ecliptic obliquity = 23°48'37, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°36'03, Lahiri = -17°29'02 Julian Calendar 1 May 980 BCE == Greg. Calendar 22 Apr. 980 BCE

The year -979 astronomical counting style corresponds to year 980 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 980 BCE
geocentric

JUNE 980 BCE (-979) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 59 52	29♉41'41	20♐ 5	19♊ 9	14♈18	20♊ 7	27♒54	25♒56	16♋53	23°R51	0°R41	15°R17	16♌ 1	16♈53	n.a.	W 1
T 2	16 3 48	0♊38'45	4♑15	19°R 9	15°11	20°45	27°59	25°58	16°56	23♏50	0♎40	15♌10	15°58	17° 0	n.a.	T 2
F 3	16 7 45	1°35'50	17°58	19° 5	16° 5	21°22	28° 4	26° 0	16°58	23°48	0°39	15° 5	15°55	17° 6	n.a.	F 3
S 4	16 11 42	2°32'55	1♒13	18°55	16°59	22° 0	28° 9	26° 1	17° 1	23°47	0°39	15° 2	15°52	17°13	n.a.	S 4
S 5	16 15 38	3°30'01	14° 2	18°41	17°54	22°38	28°13	26° 2	17° 4	23°45	0°38	15°D 2	15°48	17°20	n.a.	S 5
M 6	16 19 35	4°27'08	26°30	18°23	18°49	23°16	28°17	26° 4	17° 7	23°43	0°38	15° 2	15°45	17°26	n.a.	M 6
T 7	16 23 31	5°24'15	8♓40	18° 0	19°44	23°54	28°22	26° 5	17°10	23°42	0°37	15°R 2	15°42	17°33	n.a.	T 7
W 8	16 27 28	6°21'23	20°39	17°34	20°41	24°32	28°26	26° 6	17°13	23°40	0°37	15° 1	15°39	17°40	n.a.	W 8
T 9	16 31 24	7°18'32	2♈31	17° 3	21°37	25°10	28°29	26° 7	17°16	23°39	0°36	14°58	15°36	17°47	n.a.	T 9
F 10	16 35 21	8°15'42	14°21	16°30	22°34	25°47	28°33	26° 7	17°19	23°37	0°36	14°53	15°32	17°53	n.a.	F 10
S 11	16 39 17	9°12'52	26°13	15°53	23°32	26°25	28°36	26° 8	17°23	23°36	0°36	14°45	15°29	18° 0	n.a.	S 11
S 12	16 43 14	10°10'03	8♉11	15°15	24°30	27° 3	28°40	26° 9	17°26	23°34	0°35	14°35	15°26	18° 7	n.a.	S 12
M13	16 47 11	11° 7'15	20°17	14°35	25°28	27°41	28°43	26° 9	17°29	23°32	0°35	14°24	15°23	18°13	n.a.	M13
T 14	16 51 7	12° 4'28	2♊33	13°54	26°27	28°19	28°46	26°10	17°32	23°31	0°35	14°13	15°20	18°20	n.a.	T 14
W15	16 55 4	13° 1'42	15° 0	13°12	27°26	28°57	28°48	26°10	17°35	23°29	0°35	14° 2	15°17	18°27	n.a.	W15
T 16	16 59 0	13°58'56	27°37	12°31	28°25	29°35	28°51	26°10	17°39	23°28	0°35	13°53	15°13	18°34	n.a.	T 16
F 17	17 2 57	14°56'11	10♋26	11°52	29°25	0♋13	28°53	26°10	17°42	23°26	0°34	13°46	15°10	18°40	n.a.	F 17
S 18	17 6 53	15°53'27	23°27	11°14	0♉25	0°51	28°55	26°R10	17°45	23°25	0°34	13°42	15° 7	18°47	n.a.	S 18
S 19	17 10 50	16°50'44	6♌39	10°39	1°26	1°29	28°57	26°10	17°49	23°24	0°34	13°40	15° 4	18°54	n.a.	S 19
M20	17 14 47	17°48'01	20° 3	10° 7	2°27	2° 7	28°59	26°10	17°52	23°22	0°D34	13°D40	15° 1	19° 0	n.a.	M20
T 21	17 18 43	18°45'18	3♍41	9°39	3°28	2°45	29° 0	26°10	17°55	23°21	0°34	13°41	14°58	19° 7	n.a.	T 21
W22	17 22 40	19°42'37	17°33	9°15	4°29	3°23	29° 2	26° 9	17°59	23°19	0°34	13°R42	14°54	19°14	n.a.	W22
T 23	17 26 36	20°39'55	1♎40	8°57	5°31	4° 1	29° 3	26° 9	18° 2	23°18	0°34	13°41	14°51	19°21	n.a.	T 23
F 24	17 30 33	21°37'15	15°59	8°44	6°33	4°39	29° 4	26° 8	18° 6	23°17	0°34	13°39	14°48	19°27	n.a.	F 24
S 25	17 34 29	22°34'35	0♏29	8°36	7°35	5°17	29° 5	26° 7	18° 9	23°15	0°35	13°35	14°45	19°34	n.a.	S 25
S 26	17 38 26	23°31'56	15° 6	8°D35	8°37	5°55	29° 5	26° 7	18°13	23°14	0°35	13°28	14°42	19°41	n.a.	S 26
M27	17 42 22	24°29'18	29°42	8°40	9°40	6°33	29° 5	26° 6	18°16	23°12	0°35	13°21	14°38	19°47	n.a.	M27
T 28	17 46 19	25°26'42	14♐12	8°51	10°43	7°11	29°R 6	26° 5	18°20	23°11	0°35	13°14	14°35	19°54	n.a.	T 28
W29	17 50 16	26°24'06	28°28	9° 9	11°47	7°49	29° 6	26° 4	18°23	23°10	0°35	13° 7	14°32	20° 1	n.a.	W29
T 30	17 54 12	27♊21'31	12♑26	9♊33	12♉50	8♋27	29♒ 5	26♒ 2	18♋27	23♏ 9	0♎36	13♌ 2	14♌29	20♈ 8	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n24	19s19	4n 8	21n41	1s41	3n 6	2s52	24n32	1n 6	13s41	1s23	15s 1	2s 4	23n18	0n35	17s35	1n30	14n41	16n23	16n30	16n17	2n35		n.a.
T 2	20 36	20 26	3 18	21 26	1 56	3 24	2 54	24 35	1 7	13 39	1 23	15 0	2 5	23 18	0 35	17 34	1 30	14 40	16 22	16 32	16 18	2 37		n.a.
F 3	20 48	20 18	2 18	21 10	2 12	3 44	2 55	24 38	1 7	13 38	1 23	15 0	2 5	23 17	0 35	17 34	1 30	14 40	16 22	16 34	16 19	2 40		n.a.
S 4	21 0	19 1	1 13	20 54	2 27	4 3	2 57	24 41	1 7	13 36	1 24	15 0	2 5	23 17	0 35	17 34	1 30	14 40	16 21	16 34	16 20	2 42		n.a.
S 5	21 11	16 47	0 5	20 38	2 42	4 23	2 58	24 43	1 7	13 35	1 24	15 0	2 5	23 17	0 35	17 33	1 30	14 40	16 20	16 35	16 21	2 44		n.a.
M 6	21 22	13 49	1s 1	20 22	2 57	4 43	3 0	24 45	1 7	13 34	1 24	15 0	2 6	23 16	0 35	17 33	1 30	14 39	16 20	16 35	16 22	2 46		n.a.
T 7	21 32	10 20	2 2	20 5	3 11	5 3	3 1	24 47	1 7	13 33	1 25	14 59	2 6	23 16	0 35	17 32	1 30	14 39	16 19	16 35	16 23	2 48		n.a.
W 8	21 42	6 28	2 57	19 49	3 25	5 24	3 2	24 49	1 7	13 32	1 25	14 59	2 6	23 15	0 35	17 32	1 30	14 39	16 19	16 35	16 24	2 51		n.a.
T 9	21 52	2 25	3 44	19 34	3 37	5 44	3 3	24 51	1 7	13 31	1 25	14 59	2 6	23 15	0 35	17 32	1 30	14 38	16 18	16 36	16 25	2 53		n.a.
F 10	22 1	1n44	4 22	19 19	3 49	6 5	3 3	24 52	1 8	13 30	1 26	14 59	2 7	23 15	0 35	17 31	1 30	14 38	16 18	16 37	16 25	2 55		n.a.
S 11	22 10	5 49	4 48	19 4	4 0	6 26	3 4	24 53	1 8	13 29	1 26	14 59	2 7	23 14	0 35	17 31	1 30	14 38	16 17	16 40	16 26	2 57		n.a.
S 12	22 19	9 42	5 1	18 51	4 10	6 47	3 4	24 54	1 8	13 28	1 26	14 59	2 7	23 14	0 35	17 31	1 30	14 37	16 17	16 43	16 27	2 59		n.a.
M13	22 27	13 15	5 1	18 38	4 18	7 8	3 4	24 55	1 8	13 27	1 27	14 59	2 8	23 13	0 35	17 30	1 30	14 37	16 16	16 46	16 28	3 2		n.a.
T 14	22 35	16 17	4 48	18 27	4 25	7 30	3 5	24 56	1 8	13 27	1 27	14 59	2 8	23 13	0 35	17 30	1 30	14 36	16 15	16 49	16 29	3 4		n.a.
W15	22 43	18 38	4 21	18 16	4 30	7 51	3 4	24 56	1 8	13 26	1 27	15 0	2 8	23 12	0 35	17 29	1 30	14 36	16 15	16 52	16 30	3 6		n.a.
T 16	22 50	20 7	3 40	18 8	4 33	8 13	3 4	24 57	1 8	13 25	1 28	15 0	2 8	23 12	0 35	17 29	1 29	14 36	16 14	16 55	16 31	3 8		n.a.
F 17	22 57	20 36	2 48	18 1	4 35	8 34	3 4	24 57	1 8	13 25	1 28	15 0	2 9	23 11	0 35	17 29	1 29	14 35	16 14	16 57	16 32	3 10		n.a.
S 18	23 3	20 0	1 46	17 55	4 36	8 56	3 3	24 57	1 8	13 24	1 28	15 0	2 9	23 11	0 35	17 28	1 29	14 35	16 13	16 58	16 33	3 13		n.a.
S 19	23 9	18 18	0 38	17 52	4 34	9 18	3 3	24 57	1 9	13 24	1 29	15 1	2 9	23 11	0 35	17 28	1 29	14 34	16 13	16 59	16 34	3 15		n.a.
M20	23 14	15 34	0n34	17 50	4 31	9 40	3 2	24 56	1 9	13 24	1 29	15 1	2 10	23 10	0 35	17 28	1 29	14 34	16 12	16 59	16 35	3 17		n.a.
T 21	23 20	11 56	1 45	17 51	4 27	10 1	3 1	24 56	1 9	13 23	1 29	15 1	2 10	23 10	0 35	17 27	1 29	14 33	16 11	16 58	16 36	3 19		n.a.
W22	23 24	7 37	2 52	17 53	4 21	10 23	3 0	24 55	1 9	13 23	1 30	15 2	2 10	23 9	0 35	17 27	1 29	14 32	16 11	16 58	16 37	3 21		n.a.
T 23	23 29	2 49	3 49	17 58	4 13	10 45	2 59	24 54	1 9	13 23	1 30	15 2	2 10	23 9	0 35	17 27	1 29	14 32	16 10	16 58	16 38	3 24		n.a.
F 24	23 32	2s12	4 32	18 5	4 4	11 7	2 58	24 53	1 9	13 23	1 30	15 3	2 11	23 8	0 35	17 26	1 29	14 31	16 10	16 59	16 39	3 26		n.a.
S 25	23 36	7 9	4 59	18 13	3 54	11 28	2 57	24 51	1 9	13 23	1 31	15 3	2 11	23 8	0 35	17 26	1 29	14 31	16 9	17 0	16 40	3 28		n.a.
S 26	23 39	11 44	5 7	18 24	3 43	11 50	2 55	24 50	1 9	13 23	1 31	15 4	2 11	23 7	0 35	17 26	1 29	14 30	16 8	17 2	16 41	3 30		n.a.
M27	23 42	15 36	4 55	18 37	3 31	12 11	2 54	24 48	1 9	13 24	1 31	15 4	2 11	23 7	0 35	17 26	1 29	14 30	16 8	17 4	16 42	3 32		n.a.
T 28	23 44	18 30	4 24	18 51	3 18	12 33	2 52	24 46	1 9	13 24	1 32	15 5	2 12	23 6	0 35	17 25	1 29	14 29	16 7	17 6	16 43	3 35		n.a.
W29	23 46	20 12	3 37	19 7	3 5	12 54	2 51	24 44	1 9	13 24	1 32	15 5	2 12	23 6	0 35	17 25	1 29	14 28	16 7	17 8	16 43	3 37		n.a.
T 30	23n47	20s37	2n37	19n25	2s51	13n15	2s49	24n41	1n 9	13s25	1s32	15s 6	2s12	23n 5	0n35	17s25	1n29	14n28	16n 6	17n10	16n44	3n39		n.a.

Julian Day Number = 1363629.5, Delta T = 06h56m46s
Ecliptic obliquity = 23°48'37, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°35'58, Lahiri = -17°28'58 Julian Calendar 1 June 980 BCE == Greg. Calendar 23 May 980 BCE

The year -979 astronomical counting style corresponds to year 980 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 980 BCE
geocentric

JULY 980 BCE (-979) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 58 9	28♊18'58	26♑ 1	10♊ 4	13♉54	9♋ 5	29°R 5	26°R 1	18♋30	23°R 7	0♎36	12°R59	14♌26	20♈14	n.a.	F 1
S 2	18 2 5	29°16'26	9♒13	10°42	14°58	9°43	29♒ 4	26♒ 0	18°34	23♏ 6	0°36	12°D57	14°23	20°21	n.a.	S 2
S 3	18 6 2	0♋13'55	22° 2	11°26	16° 3	10°22	29° 4	25°58	18°37	23° 5	0°37	12♌58	14°19	20°28	n.a.	S 3
M 4	18 9 58	1°11'26	4♓30	12°16	17° 7	11° 0	29° 3	25°56	18°41	23° 4	0°37	12°59	14°16	20°34	n.a.	M 4
T 5	18 13 55	2° 8'59	16°43	13°13	18°12	11°38	29° 1	25°55	18°45	23° 3	0°38	13° 0	14°13	20°41	n.a.	T 5
W 6	18 17 51	3° 6'33	28°43	14°16	19°17	12°16	29° 0	25°53	18°48	23° 1	0°38	13°R 1	14°10	20°48	n.a.	W 6
T 7	18 21 48	4° 4'09	10♈37	15°25	20°22	12°54	28°58	25°51	18°52	23° 0	0°39	13° 1	14° 7	20°55	n.a.	T 7
F 8	18 25 45	5° 1'46	22°29	16°39	21°28	13°32	28°57	25°49	18°56	22°59	0°39	13° 0	14° 4	21° 1	n.a.	F 8
S 9	18 29 41	5°59'25	4♉24	18° 0	22°33	14°11	28°55	25°47	18°59	22°58	0°40	12°56	14° 0	21° 8	n.a.	S 9
S 10	18 33 38	6°57'06	16°26	19°25	23°39	14°49	28°52	25°45	19° 3	22°57	0°41	12°52	13°57	21°15	n.a.	S 10
M11	18 37 34	7°54'48	28°38	20°55	24°45	15°27	28°50	25°42	19° 7	22°56	0°41	12°46	13°54	21°21	n.a.	M11
T 12	18 41 31	8°52'32	11♊ 2	22°30	25°51	16° 5	28°47	25°40	19°11	22°55	0°42	12°40	13°51	21°28	n.a.	T 12
W13	18 45 27	9°50'18	23°42	24° 9	26°58	16°44	28°45	25°38	19°14	22°54	0°43	12°35	13°48	21°35	n.a.	W13
T 14	18 49 24	10°48'06	6♋36	25°52	28° 4	17°22	28°42	25°35	19°18	22°53	0°44	12°30	13°44	21°42	n.a.	T 14
F 15	18 53 20	11°45'55	19°46	27°38	29°11	18° 0	28°39	25°32	19°22	22°52	0°44	12°27	13°41	21°48	n.a.	F 15
S 16	18 57 17	12°43'46	3♌ 9	29°27	0♊18	18°38	28°35	25°30	19°25	22°51	0°45	12°25	13°38	21°55	n.a.	S 16
S 17	19 1 14	13°41'38	16°44	1♋19	1°25	19°17	28°32	25°27	19°29	22°50	0°46	12°D25	13°35	22° 2	n.a.	S 17
M18	19 5 10	14°39'31	0♍30	3°13	2°32	19°55	28°28	25°24	19°33	22°49	0°47	12°26	13°32	22° 8	n.a.	M18
T 19	19 9 7	15°37'27	14°26	5° 8	3°40	20°33	28°24	25°21	19°37	22°49	0°48	12°27	13°29	22°15	n.a.	T 19
W20	19 13 3	16°35'23	28°29	7° 5	4°47	21°12	28°20	25°18	19°40	22°48	0°49	12°29	13°25	22°22	n.a.	W20
T 21	19 17 0	17°33'21	12♎37	9° 3	5°55	21°50	28°16	25°15	19°44	22°47	0°50	12°R29	13°22	22°29	n.a.	T 21
F 22	19 20 56	18°31'20	26°51	11° 1	7° 3	22°29	28°11	25°11	19°48	22°46	0°51	12°29	13°19	22°35	n.a.	F 22
S 23	19 24 53	19°29'21	11♏ 6	13° 0	8°11	23° 7	28° 7	25° 8	19°52	22°46	0°52	12°28	13°16	22°42	n.a.	S 23
S 24	19 28 49	20°27'23	25°20	14°58	9°19	23°46	28° 2	25° 5	19°56	22°45	0°53	12°26	13°13	22°49	n.a.	S 24
M25	19 32 46	21°25'27	9♐29	16°57	10°27	24°24	27°57	25° 1	19°59	22°44	0°54	12°23	13°10	22°55	n.a.	M25
T 26	19 36 43	22°23'33	23°31	18°55	11°36	25° 2	27°52	24°58	20° 3	22°44	0°56	12°20	13° 6	23° 2	n.a.	T 26
W27	19 40 39	23°21'40	7♑21	20°53	12°45	25°41	27°47	24°54	20° 7	22°43	0°57	12°18	13° 3	23° 9	n.a.	W27
T 28	19 44 36	24°19'49	20°57	22°50	13°53	26°19	27°41	24°50	20°11	22°43	0°58	12°16	13° 0	23°16	n.a.	T 28
F 29	19 48 32	25°18'00	4♒15	24°46	15° 2	26°58	27°36	24°47	20°14	22°42	0°59	12°15	12°57	23°22	n.a.	F 29
S 30	19 52 29	26°16'13	17°15	26°41	16°11	27°37	27°30	24°43	20°18	22°41	1° 1	12°D15	12°54	23°29	n.a.	S 30
S 31	19 56 25	27♋14'28	29♒58	28♋35	17♊21	28♋15	27♒24	24♒39	20♋22	22♏41	1♎ 2	12♌16	12♌50	23♈36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	19s48	1n30	19n44	2s36	13n36	2s47	24n39	1n 9	13s25	1s33	15s 7	2s13	23n 5	0n35	17s24	1n29	14n27	16n 6	17n11	16n45	3n41		n.a.
S 2	23 48	17 54	0 20	20 4	2 21	13 57	2 45	24 36	1 10	13 26	1 33	15 8	2 13	23 4	0 35	17 24	1 29	14 26	16 5	17 11	16 46	3 43		n.a.
S 3	23 49	15 9	0s49	20 25	2 6	14 18	2 43	24 33	1 10	13 26	1 33	15 8	2 13	23 4	0 35	17 24	1 29	14 26	16 4	17 11	16 47	3 46		n.a.
M 4	23 48	11 46	1 54	20 47	1 51	14 38	2 41	24 30	1 10	13 27	1 34	15 9	2 13	23 3	0 35	17 24	1 29	14 25	16 4	17 11	16 48	3 48		n.a.
T 5	23 48	7 58	2 53	21 9	1 36	14 59	2 38	24 27	1 10	13 28	1 34	15 10	2 14	23 3	0 35	17 23	1 29	14 24	16 3	17 10	16 49	3 50		n.a.
W 6	23 46	3 55	3 43	21 32	1 20	15 19	2 36	24 23	1 10	13 28	1 34	15 11	2 14	23 2	0 35	17 23	1 29	14 23	16 3	17 10	16 50	3 52		n.a.
T 7	23 45	0n15	4 23	21 55	1 5	15 39	2 34	24 20	1 10	13 29	1 35	15 12	2 14	23 2	0 35	17 23	1 29	14 23	16 2	17 10	16 51	3 54		n.a.
F 8	23 43	4 23	4 51	22 18	0 51	15 59	2 31	24 16	1 10	13 30	1 35	15 13	2 14	23 1	0 35	17 23	1 29	14 22	16 1	17 10	16 52	3 57		n.a.
S 9	23 40	8 22	5 7	22 40	0 36	16 18	2 29	24 12	1 10	13 31	1 35	15 14	2 15	23 1	0 35	17 22	1 29	14 21	16 1	17 11	16 53	3 59		n.a.
S 10	23 37	12 3	5 10	23 1	0 22	16 37	2 26	24 8	1 10	13 32	1 36	15 15	2 15	23 0	0 35	17 22	1 29	14 20	16 0	17 13	16 54	4 1		n.a.
M11	23 34	15 18	4 59	23 21	0 8	16 56	2 23	24 3	1 10	13 33	1 36	15 16	2 15	23 0	0 35	17 22	1 29	14 19	16 0	17 14	16 55	4 3		n.a.
T 12	23 30	17 55	4 34	23 40	0n 5	17 15	2 21	23 59	1 10	13 35	1 36	15 17	2 15	22 59	0 35	17 22	1 29	14 19	15 59	17 16	16 56	4 5		n.a.
W13	23 26	19 45	3 55	23 58	0 17	17 33	2 18	23 54	1 10	13 36	1 37	15 18	2 16	22 59	0 35	17 21	1 28	14 18	15 59	17 18	16 57	4 8		n.a.
T 14	23 22	20 36	3 3	24 13	0 29	17 51	2 15	23 49	1 10	13 37	1 37	15 19	2 16	22 58	0 35	17 21	1 28	14 17	15 58	17 19	16 57	4 10		n.a.
F 15	23 17	20 20	2 1	24 27	0 40	18 8	2 12	23 44	1 10	13 39	1 37	15 20	2 16	22 57	0 35	17 21	1 28	14 16	15 57	17 20	16 58	4 12		n.a.
S 16	23 11	18 56	0 51	24 38	0 50	18 26	2 9	23 39	1 10	13 40	1 38	15 21	2 16	22 57	0 35	17 21	1 28	14 15	15 57	17 20	16 59	4 14		n.a.
S 17	23 6	16 26	0n24	24 47	0 59	18 43	2 6	23 33	1 10	13 42	1 38	15 22	2 17	22 56	0 35	17 21	1 28	14 14	15 56	17 20	17 0	4 16		n.a.
M18	22 59	12 59	1 38	24 54	1 8	18 59	2 3	23 28	1 10	13 43	1 38	15 24	2 17	22 56	0 35	17 21	1 28	14 14	15 56	17 20	17 1	4 19		n.a.
T 19	22 53	8 47	2 47	24 58	1 15	19 15	2 0	23 22	1 10	13 45	1 39	15 25	2 17	22 55	0 35	17 20	1 28	14 13	15 55	17 20	17 2	4 21		n.a.
W20	22 46	4 4	3 46	24 59	1 22	19 31	1 56	23 16	1 10	13 47	1 39	15 26	2 17	22 55	0 35	17 20	1 28	14 12	15 55	17 19	17 3	4 23		n.a.
T 21	22 38	0s53	4 33	24 58	1 28	19 46	1 53	23 10	1 10	13 48	1 39	15 28	2 17	22 54	0 35	17 20	1 28	14 11	15 54	17 19	17 4	4 25		n.a.
F 22	22 30	5 48	5 3	24 54	1 33	20 1	1 50	23 3	1 10	13 50	1 39	15 29	2 18	22 54	0 35	17 20	1 28	14 10	15 53	17 19	17 5	4 28		n.a.
S 23	22 22	10 25	5 14	24 47	1 38	20 15	1 47	22 57	1 10	13 52	1 40	15 30	2 18	22 53	0 35	17 20	1 28	14 9	15 53	17 20	17 6	4 30		n.a.
S 24	22 14	14 26	5 7	24 38	1 41	20 29	1 43	22 50	1 10	13 54	1 40	15 32	2 18	22 53	0 35	17 20	1 28	14 8	15 52	17 20	17 7	4 32		n.a.
M25	22 4	17 36	4 40	24 26	1 44	20 43	1 40	22 43	1 10	13 56	1 40	15 33	2 18	22 52	0 35	17 20	1 28	14 7	15 52	17 21	17 8	4 34		n.a.
T 26	21 55	19 42	3 57	24 12	1 46	20 56	1 37	22 36	1 10	13 58	1 41	15 34	2 19	22 51	0 35	17 19	1 28	14 6	15 51	17 22	17 9	4 36		n.a.
W27	21 45	20 36	3 1	23 55	1 47	21 8	1 33	22 29	1 10	14 0	1 41	15 36	2 19	22 51	0 35	17 19	1 28	14 5	15 51	17 22	17 9	4 39		n.a.
T 28	21 35	20 15	1 55	23 37	1 48	21 20	1 30	22 22	1 10	14 2	1 41	15 37	2 19	22 50	0 35	17 19	1 28	14 4	15 50	17 23	17 10	4 41		n.a.
F 29	21 24	18 47	0 44	23 16	1 48	21 32	1 26	22 14	1 10	14 5	1 41	15 39	2 19	22 50	0 35	17 19	1 28	14 3	15 50	17 23	17 11	4 43		n.a.
S 30	21 13	16 20	0s28	22 54	1 47	21 43	1 23	22 6	1 10	14 7	1 42	15 40	2 19	22 49	0 35	17 19	1 28	14 2	15 49	17 23	17 12	4 45		n.a.
S 31	21n 2	13s10	1s36	22n29	1n46	21n53	1s19	21n58	1n10	14s 9	1s42	15s42	2s20	22n49	0n35	17s19	1n28	14n 1	15n49	17n23	17n13	4n47		n.a.

Julian Day Number = 1363659.5, Delta T = 06h56m45s
Ecliptic obliquity = 23°48'37, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°35'54, Lahiri = -17°28'54 Julian Calendar 1 July 980 BCE == Greg. Calendar 22 June 980 BCE

The year -979 astronomical counting style corresponds to year 980 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 980 BCE
geocentric

AUGUST 980 BCE (-979) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 0 22	28♋12'45	12♓23	0♌29	18♊30	28♋54	27°R18	24°R35	20♋26	22°R41	1♎ 3	12♌17	12♌47	23♈42	n.a.	M 1
T 2	20 4 18	29°11'04	24°35	2°21	19°40	29°32	27♒12	24♒31	20°29	22♏40	1° 5	12°18	12°44	23°49	n.a.	T 2
W 3	20 8 15	0♌ 9'25	6♈36	4°12	20°49	0♌11	27° 6	24°27	20°33	22°40	1° 6	12°19	12°41	23°56	n.a.	W 3
T 4	20 12 11	1° 7'48	18°31	6° 2	21°59	0°50	26°59	24°23	20°37	22°39	1° 8	12°20	12°38	24° 3	n.a.	T 4
F 5	20 16 8	2° 6'14	0♉24	7°51	23° 9	1°28	26°53	24°19	20°41	22°39	1° 9	12°R20	12°35	24° 9	n.a.	F 5
S 6	20 20 5	3° 4'42	12°19	9°39	24°19	2° 7	26°46	24°15	20°44	22°39	1°11	12°20	12°31	24°16	n.a.	S 6
S 7	20 24 1	4° 3'12	24°21	11°26	25°29	2°46	26°39	24°10	20°48	22°39	1°12	12°19	12°28	24°23	n.a.	S 7
M 8	20 27 58	5° 1'45	6♊35	13°11	26°39	3°24	26°32	24° 6	20°52	22°38	1°14	12°19	12°25	24°29	n.a.	M 8
T 9	20 31 54	6° 0'19	19° 4	14°56	27°50	4° 3	26°25	24° 2	20°55	22°38	1°15	12°18	12°22	24°36	n.a.	T 9
W10	20 35 51	6°58'57	1♋51	16°39	29° 0	4°42	26°18	23°57	20°59	22°38	1°17	12°17	12°19	24°43	n.a.	W10
T 11	20 39 47	7°57'36	14°58	18°22	0♋11	5°21	26°11	23°53	21° 3	22°38	1°18	12°17	12°16	24°50	n.a.	T 11
F 12	20 43 44	8°56'18	28°25	20° 3	1°21	6° 0	26° 4	23°48	21° 6	22°38	1°20	12°16	12°12	24°56	n.a.	F 12
S 13	20 47 40	9°55'02	12♌11	21°43	2°32	6°39	25°56	23°44	21°10	22°38	1°22	12°D16	12° 9	25° 3	n.a.	S 13
S 14	20 51 37	10°53'47	26°12	23°22	3°43	7°17	25°49	23°39	21°13	22°D38	1°24	12°16	12° 6	25°10	n.a.	S 14
M15	20 55 34	11°52'35	10♍26	25° 1	4°54	7°56	25°41	23°35	21°17	22°38	1°25	12°R16	12° 3	25°16	n.a.	M15
T 16	20 59 30	12°51'25	24°48	26°38	6° 5	8°35	25°33	23°30	21°21	22°38	1°27	12°16	12° 0	25°23	n.a.	T 16
W17	21 3 27	13°50'17	9♎13	28°14	7°17	9°14	25°26	23°25	21°24	22°38	1°29	12°16	11°56	25°30	n.a.	W17
T 18	21 7 23	14°49'10	23°36	29°50	8°28	9°53	25°18	23°21	21°28	22°38	1°31	12°16	11°53	25°37	n.a.	T 18
F 19	21 11 20	15°48'05	7♏54	1♍24	9°40	10°32	25°10	23°16	21°31	22°38	1°32	12°16	11°50	25°43	n.a.	F 19
S 20	21 15 16	16°47'03	22° 4	2°57	10°51	11°11	25° 2	23°11	21°35	22°38	1°34	12°D16	11°47	25°50	n.a.	S 20
S 21	21 19 13	17°46'02	6♐ 4	4°30	12° 3	11°50	24°54	23° 7	21°38	22°38	1°36	12°16	11°44	25°57	n.a.	S 21
M22	21 23 9	18°45'03	19°52	6° 1	13°15	12°29	24°46	23° 2	21°42	22°39	1°38	12°17	11°41	26° 3	n.a.	M22
T 23	21 27 6	19°44'06	3♑28	7°32	14°26	13° 8	24°38	22°57	21°45	22°39	1°40	12°17	11°37	26°10	n.a.	T 23
W24	21 31 3	20°43'11	16°51	9° 2	15°38	13°47	24°30	22°53	21°49	22°39	1°42	12°18	11°34	26°17	n.a.	W24
T 25	21 34 59	21°42'18	0♒ 1	10°31	16°50	14°27	24°22	22°48	21°52	22°40	1°44	12°18	11°31	26°24	n.a.	T 25
F 26	21 38 56	22°41'27	12°57	11°58	18° 3	15° 6	24°14	22°43	21°55	22°40	1°46	12°R19	11°28	26°30	n.a.	F 26
S 27	21 42 52	23°40'38	25°41	13°25	19°15	15°45	24° 6	22°38	21°59	22°40	1°48	12°18	11°25	26°37	n.a.	S 27
S 28	21 46 49	24°39'51	8♓11	14°51	20°27	16°24	23°58	22°34	22° 2	22°41	1°50	12°17	11°22	26°44	n.a.	S 28
M29	21 50 45	25°39'07	20°29	16°16	21°39	17° 3	23°50	22°29	22° 5	22°41	1°52	12°16	11°18	26°50	n.a.	M29
T 30	21 54 42	26°38'25	2♈37	17°40	22°52	17°42	23°42	22°24	22° 9	22°42	1°54	12°14	11°15	26°57	n.a.	T 30
W31	21 58 38	27♌37'45	14♈36	19♍ 3	24♋ 5	18♌22	23♒34	22♒19	22♋12	22♏42	1♎56	12♌11	11♌12	27♈ 4	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	20n50	9s27	2s39	22n 3	1n44	22n 3	1s16	21n50	1n10	14s12	1s42	15s43	2s20	22n48	0n35	17s19	1n27	14n 0	15n48	17n23	17n14	4n50			n.a.
T 2	20 38	5 26	3 33	21 36	1 42	22 12	1 12	21 42	1 10	14 14	1 42	15 45	2 20	22 47	0 35	17 19	1 27	13 59	15 48	17 22	17 15	4 52			n.a.
W 3	20 26	1 16	4 17	21 7	1 39	22 21	1 9	21 34	1 10	14 16	1 43	15 46	2 20	22 47	0 35	17 19	1 27	13 58	15 47	17 22	17 16	4 54			n.a.
T 4	20 13	2n54	4 50	20 37	1 36	22 29	1 5	21 25	1 10	14 19	1 43	15 48	2 20	22 46	0 35	17 19	1 27	13 57	15 47	17 22	17 17	4 56			n.a.
F 5	20 0	6 57	5 10	20 5	1 33	22 36	1 1	21 16	1 10	14 21	1 43	15 49	2 20	22 46	0 35	17 19	1 27	13 56	15 46	17 22	17 18	4 58			n.a.
S 6	19 46	10 45	5 17	19 32	1 29	22 43	0 58	21 8	1 10	14 24	1 43	15 51	2 21	22 45	0 35	17 19	1 27	13 55	15 46	17 22	17 19	5 1			n.a.
S 7	19 32	14 9	5 10	18 59	1 25	22 50	0 54	20 59	1 10	14 26	1 43	15 53	2 21	22 45	0 35	17 19	1 27	13 54	15 45	17 22	17 19	5 3			n.a.
M 8	19 18	17 0	4 49	18 24	1 20	22 55	0 51	20 49	1 10	14 29	1 44	15 54	2 21	22 44	0 35	17 19	1 27	13 53	15 45	17 22	17 20	5 5			n.a.
T 9	19 4	19 8	4 14	17 48	1 15	23 0	0 47	20 40	1 10	14 32	1 44	15 56	2 21	22 44	0 35	17 19	1 27	13 52	15 44	17 22	17 21	5 7			n.a.
W10	18 49	20 22	3 26	17 12	1 10	23 5	0 44	20 31	1 10	14 34	1 44	15 57	2 21	22 43	0 35	17 19	1 27	13 51	15 44	17 23	17 22	5 10			n.a.
T 11	18 34	20 33	2 26	16 35	1 5	23 9	0 40	20 21	1 10	14 37	1 44	15 59	2 21	22 42	0 35	17 19	1 27	13 50	15 43	17 23	17 23	5 12			n.a.
F 12	18 18	19 33	1 16	15 57	0 59	23 12	0 36	20 11	1 9	14 40	1 44	16 1	2 21	22 42	0 35	17 19	1 27	13 49	15 43	17 23	17 24	5 14			n.a.
S 13	18 2	17 24	0 1	15 19	0 53	23 14	0 33	20 1	1 9	14 42	1 45	16 2	2 22	22 41	0 35	17 19	1 27	13 48	15 42	17 23	17 25	5 16			n.a.
S 14	17 46	14 10	1n17	14 40	0 47	23 16	0 29	19 51	1 9	14 45	1 45	16 4	2 22	22 41	0 35	17 19	1 27	13 46	15 42	17 23	17 26	5 18			n.a.
M15	17 30	10 5	2 30	14 1	0 41	23 17	0 26	19 41	1 9	14 48	1 45	16 6	2 22	22 40	0 35	17 19	1 27	13 45	15 41	17 23	17 27	5 21			n.a.
T 16	17 13	5 22	3 35	13 22	0 34	23 18	0 22	19 30	1 9	14 51	1 45	16 7	2 22	22 40	0 35	17 19	1 27	13 44	15 41	17 23	17 28	5 23			n.a.
W17	16 56	0 22	4 26	12 42	0 28	23 18	0 19	19 20	1 9	14 53	1 45	16 9	2 22	22 39	0 35	17 19	1 27	13 43	15 41	17 23	17 29	5 25			n.a.
T 18	16 38	4s39	5 0	12 2	0 21	23 17	0 15	19 9	1 9	14 56	1 45	16 11	2 22	22 39	0 35	17 19	1 27	13 42	15 40	17 23	17 29	5 27			n.a.
F 19	16 21	9 23	5 16	11 22	0 14	23 15	0 12	18 58	1 9	14 59	1 45	16 12	2 22	22 38	0 35	17 19	1 26	13 41	15 40	17 23	17 30	5 30			n.a.
S 20	16 3	13 32	5 12	10 41	0 7	23 13	0 9	18 47	1 9	15 2	1 45	16 14	2 22	22 37	0 35	17 19	1 26	13 40	15 39	17 23	17 31	5 32			n.a.
S 21	15 45	16 53	4 50	10 0	0s 0	23 10	0 5	18 36	1 9	15 5	1 46	16 16	2 22	22 37	0 35	17 20	1 26	13 39	15 39	17 23	17 32	5 34			n.a.
M22	15 26	19 14	4 11	9 20	0 7	23 7	0 2	18 25	1 9	15 7	1 46	16 17	2 22	22 36	0 35	17 20	1 26	13 38	15 39	17 23	17 33	5 36			n.a.
T 23	15 8	20 27	3 19	8 39	0 15	23 2	0n 1	18 14	1 9	15 10	1 46	16 19	2 22	22 36	0 35	17 20	1 26	13 36	15 38	17 23	17 34	5 38			n.a.
W24	14 49	20 28	2 16	7 58	0 22	22 57	0 5	18 2	1 9	15 13	1 46	16 21	2 23	22 35	0 35	17 20	1 26	13 35	15 38	17 22	17 35	5 41			n.a.
T 25	14 29	19 22	1 8	7 17	0 29	22 52	0 8	17 51	1 8	15 16	1 46	16 22	2 23	22 35	0 35	17 20	1 26	13 34	15 37	17 22	17 36	5 43			n.a.
F 26	14 10	17 15	0s 4	6 37	0 37	22 45	0 11	17 39	1 8	15 19	1 46	16 24	2 23	22 34	0 35	17 20	1 26	13 33	15 37	17 22	17 37	5 45			n.a.
S 27	13 50	14 18	1 13	5 56	0 44	22 38	0 14	17 27	1 8	15 21	1 46	16 25	2 23	22 34	0 35	17 20	1 26	13 32	15 37	17 22	17 37	5 47			n.a.
S 28	13 30	10 46	2 18	5 16	0 52	22 31	0 17	17 15	1 8	15 24	1 46	16 27	2 23	22 33	0 35	17 21	1 26	13 31	15 36	17 23	17 38	5 49			n.a.
M29	13 10	6 49	3 16	4 35	0 59	22 22	0 21	17 3	1 8	15 27	1 46	16 29	2 23	22 33	0 35	17 21	1 26	13 30	15 36	17 23	17 39	5 52			n.a.
T 30	12 50	2 39	4 3	3 55	1 7	22 14	0 24	16 50	1 8	15 30	1 46	16 30	2 23	22 32	0 35	17 21	1 26	13 28	15 36	17 24	17 40	5 54			n.a.
W31	12n29	1n33	4s40	3n16	1s14	22n 4	0n27	16n38	1n 8	15s32	1s46	16s32	2s23	22n32	0n35	17s21	1n26	13n27	15n35	17n24	17n41	5n56			n.a.

Julian Day Number = 1363690.5, Delta T = 06h56m43s
Ecliptic obliquity = 23°48'37, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°35'50, Lahiri = -17°28'50 Julian Calendar 1 Aug. 980 BCE == Greg. Calendar 23 July 980 BCE

The year -979 astronomical counting style corresponds to year 980 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 980 BCE
geocentric

SEPTEMBER 980 BCE (-979) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 2 35	28♌37'07	26♈30	20♍25	25♋17	19♌ 1	23°R26	22°R15	22♋15	22♏43	1♎58	12°R 9	11♌ 9	27♈11	n.a.	T 1
F 2	22 6 31	29°36'32	8♉22	21°46	26°30	19°40	23♒18	22♒10	22°18	22°43	2° 0	12♌ 7	11° 6	27°17	n.a.	F 2
S 3	22 10 28	0♍35'59	20°15	23° 5	27°43	20°20	23°10	22° 5	22°22	22°44	2° 3	12° 6	11° 2	27°24	n.a.	S 3
S 4	22 14 25	1°35'29	2♊16	24°24	28°56	20°59	23° 2	22° 1	22°25	22°45	2° 5	12°D 6	10°59	27°31	n.a.	S 4
M 5	22 18 21	2°35'01	14°27	25°41	0♌ 9	21°39	22°54	21°56	22°28	22°45	2° 7	12° 6	10°56	27°38	n.a.	M 5
T 6	22 22 18	3°34'36	26°54	26°57	1°22	22°18	22°46	21°51	22°31	22°46	2° 9	12° 7	10°53	27°44	n.a.	T 6
W 7	22 26 14	4°34'13	9♋41	28°11	2°35	22°57	22°39	21°47	22°34	22°47	2°11	12° 9	10°50	27°51	n.a.	W 7
T 8	22 30 11	5°33'53	22°51	29°24	3°48	23°37	22°31	21°42	22°37	22°48	2°14	12°10	10°47	27°58	n.a.	T 8
F 9	22 34 7	6°33'34	6♌26	0♎35	5° 2	24°16	22°23	21°38	22°40	22°49	2°16	12°R11	10°43	28° 4	n.a.	F 9
S 10	22 38 4	7°33'18	20°26	1°44	6°15	24°56	22°16	21°33	22°43	22°49	2°18	12°11	10°40	28°11	n.a.	S 10
S 11	22 42 0	8°33'05	4♍48	2°51	7°29	25°36	22° 8	21°29	22°46	22°50	2°20	12°10	10°37	28°18	n.a.	S 11
M12	22 45 57	9°32'53	19°28	3°56	8°42	26°15	22° 1	21°24	22°49	22°51	2°23	12° 7	10°34	28°25	n.a.	M12
T 13	22 49 53	10°32'44	4♎18	4°58	9°56	26°55	21°54	21°20	22°51	22°52	2°25	12° 3	10°31	28°31	n.a.	T 13
W14	22 53 50	11°32'36	19°11	5°58	11° 9	27°34	21°46	21°16	22°54	22°53	2°27	11°59	10°27	28°38	n.a.	W14
T 15	22 57 47	12°32'30	3♏57	6°56	12°23	28°14	21°39	21°12	22°57	22°54	2°30	11°55	10°24	28°45	n.a.	T 15
F 16	23 1 43	13°32'26	18°31	7°50	13°37	28°54	21°32	21° 7	23° 0	22°55	2°32	11°51	10°21	28°51	n.a.	F 16
S 17	23 5 40	14°32'24	2♐48	8°40	14°51	29°34	21°26	21° 3	23° 2	22°56	2°34	11°49	10°18	28°58	n.a.	S 17
S 18	23 9 36	15°32'24	16°46	9°26	16° 5	0♍13	21°19	20°59	23° 5	22°57	2°37	11°D49	10°15	29° 5	n.a.	S 18
M19	23 13 33	16°32'26	0♑24	10° 9	17°19	0°53	21°12	20°55	23° 8	22°59	2°39	11°50	10°12	29°12	n.a.	M19
T 20	23 17 29	17°32'29	13°43	10°46	18°33	1°33	21° 6	20°51	23°10	23° 0	2°41	11°51	10° 8	29°18	n.a.	T 20
W21	23 21 26	18°32'34	26°46	11°18	19°47	2°13	21° 0	20°47	23°13	23° 1	2°44	11°53	10° 5	29°25	n.a.	W21
T 22	23 25 22	19°32'41	9♒34	11°44	21° 1	2°53	20°53	20°43	23°15	23° 2	2°46	11°R53	10° 2	29°32	n.a.	T 22
F 23	23 29 19	20°32'49	22°10	12° 4	22°15	3°32	20°47	20°39	23°18	23° 3	2°48	11°53	9°59	29°39	n.a.	F 23
S 24	23 33 16	21°32'59	4♓35	12°17	23°29	4°12	20°42	20°36	23°20	23° 5	2°51	11°51	9°56	29°45	n.a.	S 24
S 25	23 37 12	22°33'11	16°51	12°R22	24°44	4°52	20°36	20°32	23°23	23° 6	2°53	11°46	9°53	29°52	n.a.	S 25
M26	23 41 9	23°33'25	28°59	12°19	25°58	5°32	20°30	20°29	23°25	23° 7	2°56	11°40	9°49	29°59	n.a.	M26
T 27	23 45 5	24°33'41	11♈ 1	12° 7	27°13	6°12	20°25	20°25	23°27	23° 9	2°58	11°32	9°46	0♉ 5	n.a.	T 27
W28	23 49 2	25°33'59	22°57	11°45	28°27	6°52	20°20	20°22	23°29	23°10	3° 0	11°23	9°43	0°12	n.a.	W28
T 29	23 52 58	26°34'19	4♉49	11°14	29°41	7°32	20°15	20°18	23°32	23°11	3° 3	11°14	9°40	0°19	n.a.	T 29
F 30	23 56 55	27♍34'41	16♉40	10♎33	0♍56	8♍12	20♒10	20♒15	23♋34	23♏13	3♎ 5	11♌ 7	9♌37	0♉26	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n 8	5n40	5s 4	2n37	1s21	21n54	0n29	16n25	1n 8	15s35	1s46	16s34	2s23	22n31	0n35	17s21	1n26	13n26	15n35	17n25	17n42	5n58		n.a.
F 2	11 47	9 33	5 15	1 58	1 29	21 43	0 32	16 13	1 8	15 38	1 46	16 35	2 23	22 31	0 35	17 21	1 26	13 25	15 35	17 25	17 43	6 1		n.a.
S 3	11 26	13 4	5 12	1 19	1 36	21 31	0 35	16 0	1 7	15 40	1 46	16 37	2 23	22 30	0 35	17 22	1 26	13 24	15 34	17 26	17 44	6 3		n.a.
S 4	11 4	16 6	4 56	0 41	1 43	21 19	0 38	15 47	1 7	15 43	1 46	16 38	2 23	22 30	0 35	17 22	1 26	13 23	15 34	17 26	17 45	6 5		n.a.
M 5	10 43	18 28	4 27	0 4	1 50	21 6	0 41	15 34	1 7	15 46	1 46	16 40	2 23	22 29	0 35	17 22	1 26	13 22	15 34	17 26	17 45	6 7		n.a.
T 6	10 21	20 2	3 44	0s33	1 57	20 52	0 43	15 21	1 7	15 48	1 46	16 41	2 23	22 29	0 35	17 22	1 25	13 20	15 33	17 25	17 46	6 9		n.a.
W 7	9 59	20 38	2 49	1 9	2 4	20 38	0 46	15 8	1 7	15 51	1 46	16 43	2 23	22 28	0 35	17 23	1 25	13 19	15 33	17 25	17 47	6 12		n.a.
T 8	9 37	20 8	1 44	1 45	2 10	20 23	0 49	14 54	1 7	15 53	1 46	16 44	2 23	22 28	0 35	17 23	1 25	13 18	15 33	17 25	17 48	6 14		n.a.
F 9	9 14	18 27	0 32	2 19	2 17	20 8	0 51	14 41	1 7	15 56	1 46	16 46	2 23	22 27	0 35	17 23	1 25	13 17	15 33	17 24	17 49	6 16		n.a.
S 10	8 52	15 37	0n45	2 53	2 23	19 52	0 54	14 27	1 6	15 58	1 46	16 47	2 23	22 27	0 35	17 23	1 25	13 16	15 32	17 24	17 50	6 18		n.a.
S 11	8 29	11 46	2 1	3 25	2 29	19 35	0 56	14 13	1 6	16 1	1 46	16 49	2 23	22 26	0 35	17 24	1 25	13 15	15 32	17 25	17 51	6 21		n.a.
M12	8 7	7 8	3 10	3 57	2 35	19 18	0 58	14 0	1 6	16 3	1 46	16 50	2 23	22 26	0 36	17 24	1 25	13 14	15 32	17 26	17 52	6 23		n.a.
T 13	7 44	2 2	4 8	4 27	2 40	19 0	1 1	13 46	1 6	16 5	1 45	16 52	2 23	22 25	0 36	17 24	1 25	13 13	15 32	17 27	17 52	6 25		n.a.
W14	7 21	3s11	4 48	4 55	2 45	18 42	1 3	13 32	1 6	16 7	1 45	16 53	2 23	22 25	0 36	17 25	1 25	13 11	15 31	17 28	17 53	6 27		n.a.
T 15	6 57	8 11	5 9	5 23	2 49	18 23	1 5	13 18	1 6	16 10	1 45	16 54	2 23	22 25	0 36	17 25	1 25	13 10	15 31	17 29	17 54	6 29		n.a.
F 16	6 34	12 38	5 10	5 48	2 53	18 4	1 7	13 3	1 5	16 12	1 45	16 56	2 23	22 24	0 36	17 25	1 25	13 9	15 31	17 30	17 55	6 32		n.a.
S 17	6 11	16 16	4 52	6 11	2 57	17 44	1 9	12 49	1 5	16 14	1 45	16 57	2 23	22 24	0 36	17 26	1 25	13 8	15 31	17 31	17 56	6 34		n.a.
S 18	5 47	18 53	4 16	6 33	3 0	17 23	1 11	12 35	1 5	16 16	1 45	16 58	2 23	22 23	0 36	17 26	1 25	13 7	15 31	17 31	17 57	6 36		n.a.
M19	5 24	20 22	3 27	6 52	3 2	17 2	1 13	12 20	1 5	16 18	1 45	16 59	2 23	22 23	0 36	17 26	1 25	13 6	15 30	17 30	17 58	6 38		n.a.
T 20	5 0	20 39	2 28	7 8	3 4	16 41	1 15	12 6	1 5	16 20	1 45	17 1	2 22	22 22	0 36	17 27	1 25	13 5	15 30	17 30	17 59	6 41		n.a.
W21	4 36	19 48	1 22	7 22	3 5	16 19	1 16	11 51	1 5	16 22	1 44	17 2	2 22	22 22	0 36	17 27	1 25	13 4	15 30	17 30	17 59	6 43		n.a.
T 22	4 12	17 56	0 13	7 32	3 5	15 57	1 18	11 36	1 4	16 24	1 44	17 3	2 22	22 22	0 36	17 27	1 25	13 2	15 30	17 29	18 0	6 45		n.a.
F 23	3 48	15 13	0s56	7 39	3 4	15 34	1 20	11 21	1 4	16 26	1 44	17 4	2 22	22 21	0 36	17 28	1 25	13 1	15 30	17 30	18 1	6 47		n.a.
S 24	3 24	11 50	2 0	7 42	3 2	15 10	1 21	11 7	1 4	16 27	1 44	17 5	2 22	22 21	0 36	17 28	1 24	13 0	15 30	17 30	18 2	6 49		n.a.
S 25	3 0	8 0	2 58	7 41	2 58	14 47	1 23	10 51	1 4	16 29	1 44	17 6	2 22	22 20	0 36	17 28	1 24	12 59	15 29	17 31	18 3	6 52		n.a.
M26	2 36	3 52	3 47	7 35	2 53	14 22	1 24	10 36	1 4	16 31	1 44	17 8	2 22	22 20	0 36	17 29	1 24	12 58	15 29	17 33	18 4	6 54		n.a.
T 27	2 12	0n22	4 26	7 25	2 47	13 58	1 25	10 21	1 3	16 32	1 43	17 9	2 22	22 20	0 36	17 29	1 24	12 57	15 29	17 35	18 5	6 56		n.a.
W28	1 47	4 33	4 52	7 9	2 39	13 33	1 27	10 6	1 3	16 34	1 43	17 10	2 22	22 19	0 36	17 30	1 24	12 56	15 29	17 38	18 6	6 58		n.a.
T 29	1 23	8 32	5 6	6 47	2 29	13 7	1 28	9 51	1 3	16 35	1 43	17 11	2 22	22 19	0 36	17 30	1 24	12 55	15 29	17 40	18 6	7 0		n.a.
F 30	0n59	12n11	5s 6	6s20	2s17	12n41	1n29	9n35	1n 3	16s37	1s43	17s12	2s22	22n19	0n36	17s30	1n24	12n54	15n29	17n43	18n 7	7n 3		n.a.

Julian Day Number = 1363721.5, Delta T = 06h56m42s
Ecliptic obliquity = 23°48'38, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°35'46, Lahiri = -17°28'45 Julian Calendar 1 Sept. 980 BCE == Greg. Calendar 23 Aug. 980 BCE

The year -979 astronomical counting style corresponds to year 980 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 980 BCE
geocentric

OCTOBER 980 BCE (-979) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 0 51	28♍35'05	28♉33	9°R43	2♍11	8♍53	20°R 5	20°R12	23♋36	23♏14	3♎ 8	11°R 0	9♌33	0♉32	n.a.	S 1
S 2	0 4 48	29°35'31	10♊31	8♎44	3°25	9°33	20♒ 0	20♒ 9	23°38	23°16	3°10	10♌56	9°30	0°39	n.a.	S 2
M 3	0 8 44	0♎35'59	22°39	7°37	4°40	10°13	19°56	20° 6	23°40	23°17	3°13	10°54	9°27	0°46	n.a.	M 3
T 4	0 12 41	1°36'29	5♋ 0	6°23	5°55	10°53	19°52	20° 3	23°42	23°19	3°15	10°D53	9°24	0°52	n.a.	T 4
W 5	0 16 38	2°37'01	17°41	5° 6	7°10	11°33	19°48	20° 0	23°44	23°21	3°18	10°54	9°21	0°59	n.a.	W 5
T 6	0 20 34	3°37'35	0♌45	3°46	8°24	12°14	19°44	19°57	23°46	23°22	3°20	10°55	9°18	1° 6	n.a.	T 6
F 7	0 24 31	4°38'12	14°17	2°26	9°39	12°54	19°40	19°54	23°47	23°24	3°22	10°R56	9°14	1°13	n.a.	F 7
S 8	0 28 27	5°38'49	28°17	1°10	10°54	13°34	19°37	19°52	23°49	23°25	3°25	10°54	9°11	1°19	n.a.	S 8
S 9	0 32 24	6°39'29	12♍46	29♍59	12° 9	14°15	19°33	19°49	23°51	23°27	3°27	10°51	9° 8	1°26	n.a.	S 9
M10	0 36 20	7°40'11	27°39	28°55	13°24	14°55	19°30	19°47	23°53	23°29	3°30	10°44	9° 5	1°33	n.a.	M10
T 11	0 40 17	8°40'54	12♎47	28° 2	14°39	15°35	19°28	19°45	23°54	23°31	3°32	10°36	9° 2	1°40	n.a.	T 11
W12	0 44 13	9°41'38	28° 3	27°18	15°54	16°16	19°25	19°42	23°56	23°32	3°35	10°27	8°58	1°46	n.a.	W12
T 13	0 48 10	10°42'24	13♏13	26°47	17° 9	16°56	19°22	19°40	23°57	23°34	3°37	10°18	8°55	1°53	n.a.	T 13
F 14	0 52 7	11°43'12	28° 8	26°27	18°24	17°37	19°20	19°38	23°59	23°36	3°39	10° 9	8°52	2° 0	n.a.	F 14
S 15	0 56 3	12°44'01	12♐42	26°D19	19°39	18°17	19°18	19°36	24° 0	23°38	3°42	10° 3	8°49	2° 6	n.a.	S 15
S 16	1 0 0	13°44'51	26°49	26°22	20°54	18°58	19°16	19°35	24° 1	23°39	3°44	10° 0	8°46	2°13	n.a.	S 16
M17	1 3 56	14°45'42	10♑29	26°35	22°10	19°39	19°15	19°33	24° 3	23°41	3°47	9°D59	8°43	2°20	n.a.	M17
T 18	1 7 53	15°46'34	23°44	26°58	23°25	20°19	19°13	19°31	24° 4	23°43	3°49	9°59	8°39	2°27	n.a.	T 18
W19	1 11 49	16°47'27	6♒38	27°30	24°40	21° 0	19°12	19°30	24° 5	23°45	3°51	9°R59	8°36	2°33	n.a.	W19
T 20	1 15 46	17°48'21	19°14	28° 9	25°55	21°40	19°11	19°29	24° 6	23°47	3°54	9°59	8°33	2°40	n.a.	T 20
F 21	1 19 42	18°49'16	1♓36	28°56	27°10	22°21	19°10	19°27	24° 7	23°49	3°56	9°57	8°30	2°47	n.a.	F 21
S 22	1 23 39	19°50'12	13°47	29°49	28°26	23° 2	19°10	19°26	24° 8	23°51	3°59	9°52	8°27	2°53	n.a.	S 22
S 23	1 27 36	20°51'09	25°51	0♎47	29°41	23°43	19° 9	19°25	24° 9	23°53	4° 1	9°44	8°24	3° 0	n.a.	S 23
M24	1 31 32	21°52'07	7♈50	1°50	0♎56	24°23	19°D 9	19°24	24°10	23°55	4° 3	9°33	8°20	3° 7	n.a.	M24
T 25	1 35 29	22°53'07	19°46	2°58	2°12	25° 4	19° 9	19°23	24°11	23°57	4° 6	9°20	8°17	3°14	n.a.	T 25
W26	1 39 25	23°54'07	1♉39	4° 8	3°27	25°45	19° 9	19°23	24°12	23°59	4° 8	9° 6	8°14	3°20	n.a.	W26
T 27	1 43 22	24°55'09	13°32	5°22	4°42	26°26	19°10	19°22	24°13	24° 1	4°10	8°51	8°11	3°27	n.a.	T 27
F 28	1 47 18	25°56'11	25°25	6°39	5°58	27° 7	19°10	19°21	24°13	24° 3	4°13	8°38	8° 8	3°34	n.a.	F 28
S 29	1 51 15	26°57'15	7♊20	7°58	7°13	27°48	19°11	19°21	24°14	24° 5	4°15	8°27	8° 4	3°41	n.a.	S 29
S 30	1 55 11	27°58'20	19°20	9°18	8°28	28°29	19°12	19°21	24°14	24° 7	4°17	8°18	8° 1	3°47	n.a.	S 30
M31	1 59 8	28♎59'26	1♋27	10♎41	9♎44	29♍10	19♒13	19♒20	24♋15	24♏ 9	4♎20	8♌13	7♌58	3♉54	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n34	15n23	4s53	5s48	2s 4	12n15	1n30	9n20	1n 2	16s38	1s43	17s12	2s21	22n18	0n36	17s31	1n24	12n53	15n29	17n44	18n 8	7n 5		n.a.
S 2	0 10	17 57	4 28	5 10	1 49	11 49	1 31	9 4	1 2	16 39	1 42	17 13	2 21	22 18	0 36	17 31	1 24	12 52	15 29	17 45	18 9	7 7		n.a.
M 3	0s15	19 47	3 50	4 28	1 32	11 22	1 32	8 49	1 2	16 41	1 42	17 14	2 21	22 18	0 36	17 32	1 24	12 51	15 29	17 46	18 10	7 9		n.a.
T 4	0 39	20 42	3 1	3 42	1 13	10 55	1 32	8 33	1 2	16 42	1 42	17 15	2 21	22 17	0 36	17 32	1 24	12 50	15 29	17 46	18 11	7 12		n.a.
W 5	1 3	20 37	2 2	2 52	0 54	10 27	1 33	8 17	1 2	16 43	1 42	17 16	2 21	22 17	0 36	17 33	1 24	12 49	15 28	17 46	18 12	7 14		n.a.
T 6	1 28	19 25	0 54	2 1	0 33	9 59	1 34	8 1	1 1	16 44	1 42	17 17	2 21	22 17	0 36	17 33	1 24	12 48	15 28	17 46	18 12	7 16		n.a.
F 7	1 52	17 5	0n18	1 10	0 12	9 31	1 34	7 45	1 1	16 45	1 41	17 17	2 21	22 17	0 36	17 34	1 24	12 47	15 28	17 46	18 13	7 18		n.a.
S 8	2 17	13 41	1 32	0 21	0n 8	9 3	1 35	7 29	1 1	16 46	1 41	17 18	2 20	22 16	0 36	17 34	1 24	12 46	15 28	17 46	18 14	7 20		n.a.
S 9	2 41	9 21	2 42	0n26	0 28	8 34	1 35	7 13	1 1	16 46	1 41	17 19	2 20	22 16	0 36	17 34	1 24	12 45	15 28	17 47	18 15	7 23		n.a.
M10	3 5	4 21	3 43	1 9	0 47	8 5	1 35	6 57	1 0	16 47	1 41	17 19	2 20	22 16	0 37	17 35	1 24	12 44	15 28	17 49	18 16	7 25		n.a.
T 11	3 30	1s 0	4 29	1 47	1 5	7 36	1 36	6 41	1 0	16 48	1 40	17 20	2 20	22 16	0 37	17 35	1 24	12 43	15 28	17 51	18 17	7 27		n.a.
W12	3 54	6 19	4 57	2 19	1 21	7 7	1 36	6 25	1 0	16 49	1 40	17 21	2 20	22 15	0 37	17 36	1 24	12 42	15 28	17 54	18 18	7 29		n.a.
T 13	4 18	11 14	5 4	2 45	1 35	6 37	1 36	6 9	0 59	16 49	1 40	17 21	2 20	22 15	0 37	17 36	1 24	12 41	15 28	17 56	18 18	7 31		n.a.
F 14	4 42	15 21	4 49	3 4	1 47	6 7	1 36	5 52	0 59	16 50	1 40	17 22	2 20	22 15	0 37	17 37	1 24	12 40	15 28	17 58	18 19	7 34		n.a.
S 15	5 6	18 26	4 17	3 17	1 57	5 37	1 36	5 36	0 59	16 50	1 39	17 22	2 19	22 15	0 37	17 37	1 24	12 39	15 28	18 0	18 20	7 36		n.a.
S 16	5 30	20 18	3 29	3 23	2 6	5 7	1 36	5 20	0 59	16 50	1 39	17 22	2 19	22 14	0 37	17 38	1 24	12 38	15 28	18 1	18 21	7 38		n.a.
M17	5 54	20 53	2 30	3 24	2 13	4 37	1 35	5 3	0 58	16 51	1 39	17 23	2 19	22 14	0 37	17 38	1 23	12 37	15 29	18 1	18 22	7 40		n.a.
T 18	6 18	20 17	1 25	3 20	2 18	4 6	1 35	4 47	0 58	16 51	1 39	17 23	2 19	22 14	0 37	17 39	1 23	12 36	15 29	18 1	18 23	7 43		n.a.
W19	6 42	18 37	0 18	3 10	2 22	3 36	1 35	4 30	0 58	16 51	1 38	17 23	2 19	22 14	0 37	17 39	1 23	12 35	15 29	18 1	18 23	7 45		n.a.
T 20	7 5	16 4	0s49	2 56	2 24	3 5	1 34	4 14	0 57	16 51	1 38	17 24	2 19	22 14	0 37	17 40	1 23	12 35	15 29	18 1	18 24	7 47		n.a.
F 21	7 29	12 49	1 52	2 39	2 25	2 34	1 34	3 57	0 57	16 51	1 38	17 24	2 18	22 14	0 37	17 40	1 23	12 34	15 29	18 2	18 25	7 49		n.a.
S 22	7 52	9 4	2 49	2 17	2 25	2 4	1 33	3 40	0 57	16 51	1 37	17 24	2 18	22 13	0 37	17 41	1 23	12 33	15 29	18 3	18 26	7 51		n.a.
S 23	8 16	4 59	3 38	1 53	2 24	1 33	1 33	3 24	0 57	16 51	1 37	17 24	2 18	22 13	0 37	17 41	1 23	12 32	15 29	18 5	18 27	7 54		n.a.
M24	8 39	0 45	4 16	1 26	2 23	1 2	1 32	3 7	0 56	16 51	1 37	17 25	2 18	22 13	0 37	17 42	1 23	12 31	15 29	18 8	18 28	7 56		n.a.
T 25	9 2	3n29	4 43	0 56	2 20	0 30	1 31	2 50	0 56	16 50	1 37	17 25	2 18	22 13	0 37	17 42	1 23	12 30	15 29	18 12	18 28	7 58		n.a.
W26	9 25	7 35	4 58	0 25	2 17	0s 1	1 30	2 34	0 56	16 50	1 36	17 25	2 18	22 13	0 37	17 43	1 23	12 29	15 29	18 16	18 29	8 0		n.a.
T 27	9 48	11 23	4 59	0s 8	2 13	0 32	1 30	2 17	0 55	16 50	1 36	17 25	2 17	22 13	0 37	17 44	1 23	12 29	15 30	18 19	18 30	8 2		n.a.
F 28	10 10	14 45	4 48	0 43	2 9	1 3	1 29	2 0	0 55	16 49	1 36	17 25	2 17	22 13	0 37	17 44	1 23	12 28	15 30	18 23	18 31	8 5		n.a.
S 29	10 33	17 32	4 23	1 19	2 4	1 34	1 28	1 43	0 55	16 49	1 35	17 25	2 17	22 13	0 37	17 45	1 23	12 27	15 30	18 26	18 32	8 7		n.a.
S 30	10 55	19 36	3 48	1 56	1 59	2 5	1 27	1 26	0 54	16 48	1 35	17 25	2 17	22 13	0 37	17 45	1 23	12 26	15 30	18 28	18 33	8 9		n.a.
M31	11s17	20n47	3s 1	2s33	1n53	2s36	1n25	1n 9	0n54	16s47	1s35	17s24	2s17	22n13	0n37	17s46	1n23	12n26	15n30	18n30	18n33	8n11		n.a.

Julian Day Number = 1363751.5, Delta T = 06h56m40s
Ecliptic obliquity = 23°48'38, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°35'42, Lahiri = -17°28'41 Julian Calendar 1 Oct. 980 BCE == Greg. Calendar 22 Sept. 980 BCE

The year -979 astronomical counting style corresponds to year 980 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 980 BCE
geocentric

NOVEMBER 980 BCE (-979) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 3 5	0♏ 0'34	13♋47	12♎ 4	10♎59	29♍51	19♒15	19°D20	24♋15	24♏11	4♎22	8°R10	7♌55	4♉ 1	n.a.	T 1
W 2	2 7 1	1° 1'42	26°22	13°29	12°15	0♎32	19°17	19♒20	24°16	24°13	4°24	8♌ 9	7°52	4° 7	n.a.	W 2
T 3	2 10 58	2° 2'52	9♌19	14°55	13°30	1°13	19°19	19°21	24°16	24°15	4°26	8° 9	7°49	4°14	n.a.	T 3
F 4	2 14 54	3° 4'02	22°40	16°22	14°46	1°54	19°21	19°21	24°16	24°18	4°28	8° 8	7°45	4°21	n.a.	F 4
S 5	2 18 51	4° 5'14	6♍30	17°50	16° 1	2°35	19°23	19°21	24°17	24°20	4°31	8° 6	7°42	4°28	n.a.	S 5
S 6	2 22 47	5° 6'27	20°50	19°18	17°16	3°17	19°25	19°22	24°17	24°22	4°33	8° 2	7°39	4°34	n.a.	S 6
M 7	2 26 44	6° 7'40	5♎37	20°47	18°32	3°58	19°28	19°22	24°17	24°24	4°35	7°54	7°36	4°41	n.a.	M 7
T 8	2 30 40	7° 8'54	20°45	22°17	19°47	4°39	19°31	19°23	24°17	24°26	4°37	7°44	7°33	4°48	n.a.	T 8
W 9	2 34 37	8°10'09	6♏ 6	23°46	21° 3	5°20	19°34	19°24	24°R17	24°28	4°39	7°32	7°29	4°54	n.a.	W 9
T 10	2 38 34	9°11'25	21°28	25°17	22°18	6° 2	19°37	19°25	24°17	24°31	4°41	7°20	7°26	5° 1	n.a.	T 10
F 11	2 42 30	10°12'41	6♐37	26°47	23°34	6°43	19°41	19°26	24°17	24°33	4°44	7°10	7°23	5° 8	n.a.	F 11
S 12	2 46 27	11°13'57	21°26	28°18	24°49	7°24	19°45	19°27	24°17	24°35	4°46	7° 1	7°20	5°15	n.a.	S 12
S 13	2 50 23	12°15'14	5♑47	29°49	26° 5	8° 6	19°48	19°28	24°17	24°37	4°48	6°56	7°17	5°21	n.a.	S 13
M14	2 54 20	13°16'31	19°38	1♏21	27°20	8°47	19°52	19°29	24°16	24°40	4°50	6°53	7°14	5°28	n.a.	M14
T 15	2 58 16	14°17'48	3♒ 0	2°53	28°36	9°29	19°57	19°31	24°16	24°42	4°52	6°D52	7°10	5°35	n.a.	T 15
W16	3 2 13	15°19'04	15°56	4°25	29°51	10°10	20° 1	19°33	24°16	24°44	4°54	6°R52	7° 7	5°42	n.a.	W16
T 17	3 6 9	16°20'21	28°31	5°57	1♏ 7	10°52	20° 6	19°34	24°15	24°46	4°56	6°52	7° 4	5°48	n.a.	T 17
F 18	3 10 6	17°21'38	10♓48	7°29	2°22	11°33	20°11	19°36	24°15	24°49	4°58	6°50	7° 1	5°55	n.a.	F 18
S 19	3 14 3	18°22'54	22°54	9° 2	3°38	12°15	20°16	19°38	24°14	24°51	5° 0	6°45	6°58	6° 2	n.a.	S 19
S 20	3 17 59	19°24'11	4♈51	10°35	4°53	12°56	20°21	19°40	24°13	24°53	5° 1	6°37	6°55	6° 8	n.a.	S 20
M21	3 21 56	20°25'27	16°45	12° 8	6° 9	13°38	20°26	19°42	24°13	24°55	5° 3	6°27	6°51	6°15	n.a.	M21
T 22	3 25 52	21°26'44	28°37	13°41	7°24	14°20	20°32	19°44	24°12	24°58	5° 5	6°14	6°48	6°22	n.a.	T 22
W23	3 29 49	22°28'00	10♉29	15°15	8°40	15° 1	20°37	19°47	24°11	25° 0	5° 7	6° 0	6°45	6°29	n.a.	W23
T 24	3 33 45	23°29'16	22°24	16°49	9°55	15°43	20°43	19°49	24°10	25° 2	5° 9	5°46	6°42	6°35	n.a.	T 24
F 25	3 37 42	24°30'32	4♊21	18°23	11°11	16°25	20°49	19°52	24°10	25° 4	5°11	5°32	6°39	6°42	n.a.	F 25
S 26	3 41 39	25°31'49	16°24	19°58	12°26	17° 7	20°56	19°54	24° 9	25° 7	5°12	5°21	6°35	6°49	n.a.	S 26
S 27	3 45 35	26°33'05	28°32	21°33	13°42	17°48	21° 2	19°57	24° 8	25° 9	5°14	5°12	6°32	6°56	n.a.	S 27
M28	3 49 32	27°34'21	10♋47	23° 8	14°57	18°30	21° 9	20° 0	24° 7	25°11	5°16	5° 7	6°29	7° 2	n.a.	M28
T 29	3 53 28	28°35'37	23°13	24°44	16°12	19°12	21°15	20° 3	24° 5	25°14	5°17	5° 4	6°26	7° 9	n.a.	T 29
W30	3 57 25	29♏36'53	5♌52	26♏20	17♏28	19♎54	21♒22	20♒ 6	24♋ 4	25♏16	5♎19	5°D 3	6♌23	7♉16	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s39	21n 1	2s 5	3s12	1n48	3s 7	1n24	0n53	0n53	16s46	1s35	17s24	2s16	22n13	0n37	17s46	1n23	12n25	15n30	18n30	18n34	8n13		n.a.
W 2	12 1	20 12	1 2	3 51	1 42	3 39	1 23	0 36	0 53	16 46	1 34	17 24	2 16	22 13	0 37	17 47	1 23	12 24	15 31	18 31	18 35	8 16		n.a.
T 3	12 22	18 18	0n 6	4 30	1 35	4 9	1 22	0 19	0 53	16 45	1 34	17 24	2 16	22 13	0 37	17 47	1 23	12 23	15 31	18 31	18 36	8 18		n.a.
F 4	12 44	15 22	1 16	5 10	1 29	4 40	1 20	0 2	0 52	16 44	1 34	17 24	2 16	22 13	0 38	17 48	1 23	12 23	15 31	18 31	18 37	8 20		n.a.
S 5	13 5	11 29	2 24	5 50	1 22	5 11	1 19	0s15	0 52	16 43	1 33	17 23	2 16	22 13	0 38	17 48	1 23	12 22	15 31	18 31	18 38	8 22		n.a.
S 6	13 26	6 49	3 25	6 30	1 16	5 42	1 17	0 32	0 52	16 42	1 33	17 23	2 15	22 13	0 38	17 49	1 23	12 21	15 31	18 33	18 38	8 25		n.a.
M 7	13 46	1 37	4 14	7 11	1 9	6 12	1 16	0 49	0 51	16 41	1 33	17 23	2 15	22 13	0 38	17 50	1 23	12 21	15 32	18 35	18 39	8 27		n.a.
T 8	14 7	3s48	4 47	7 51	1 2	6 43	1 14	1 6	0 51	16 39	1 33	17 22	2 15	22 13	0 38	17 50	1 23	12 20	15 32	18 37	18 40	8 29		n.a.
W 9	14 27	9 3	5 0	8 31	0 55	7 13	1 13	1 23	0 50	16 38	1 32	17 22	2 15	22 13	0 38	17 51	1 23	12 19	15 32	18 40	18 41	8 31		n.a.
T 10	14 47	13 44	4 51	9 11	0 48	7 43	1 11	1 40	0 50	16 37	1 32	17 21	2 15	22 13	0 38	17 51	1 23	12 19	15 32	18 43	18 42	8 33		n.a.
F 11	15 6	17 27	4 22	9 51	0 41	8 13	1 9	1 57	0 50	16 36	1 32	17 21	2 14	22 13	0 38	17 52	1 23	12 18	15 33	18 46	18 43	8 36		n.a.
S 12	15 26	19 57	3 35	10 30	0 34	8 43	1 7	2 14	0 49	16 34	1 31	17 20	2 14	22 13	0 38	17 52	1 23	12 18	15 33	18 48	18 43	8 38		n.a.
S 13	15 45	21 5	2 36	11 10	0 27	9 12	1 6	2 31	0 49	16 33	1 31	17 20	2 14	22 13	0 38	17 53	1 23	12 17	15 33	18 50	18 44	8 40		n.a.
M14	16 4	20 52	1 30	11 49	0 20	9 42	1 4	2 48	0 48	16 31	1 31	17 19	2 14	22 13	0 38	17 54	1 23	12 17	15 33	18 50	18 45	8 42		n.a.
T 15	16 23	19 27	0 20	12 27	0 13	10 11	1 2	3 5	0 48	16 29	1 31	17 18	2 14	22 13	0 38	17 54	1 23	12 16	15 34	18 51	18 46	8 44		n.a.
W16	16 41	17 4	0s48	13 5	0 6	10 40	1 0	3 22	0 48	16 28	1 30	17 18	2 13	22 13	0 38	17 55	1 23	12 15	15 34	18 51	18 47	8 47		n.a.
T 17	16 59	13 55	1 52	13 43	0s 0	11 8	0 58	3 39	0 47	16 26	1 30	17 17	2 13	22 13	0 38	17 55	1 23	12 15	15 34	18 51	18 48	8 49		n.a.
F 18	17 17	10 14	2 49	14 20	0 7	11 37	0 56	3 56	0 47	16 24	1 30	17 16	2 13	22 13	0 38	17 56	1 23	12 14	15 35	18 51	18 48	8 51		n.a.
S 19	17 34	6 11	3 38	14 57	0 14	12 5	0 54	4 12	0 46	16 22	1 30	17 15	2 13	22 14	0 38	17 56	1 23	12 14	15 35	18 52	18 49	8 53		n.a.
S 20	17 51	1 57	4 16	15 33	0 20	12 32	0 52	4 29	0 46	16 20	1 29	17 15	2 13	22 14	0 38	17 57	1 23	12 14	15 35	18 54	18 50	8 55		n.a.
M21	18 8	2n20	4 43	16 8	0 27	13 0	0 50	4 46	0 45	16 18	1 29	17 14	2 13	22 14	0 38	17 57	1 23	12 13	15 36	18 57	18 51	8 58		n.a.
T 22	18 24	6 31	4 58	16 43	0 33	13 27	0 47	5 3	0 45	16 16	1 29	17 13	2 12	22 14	0 38	17 58	1 23	12 13	15 36	19 0	18 52	9 0		n.a.
W23	18 40	10 28	4 59	17 17	0 39	13 54	0 45	5 20	0 44	16 14	1 28	17 12	2 12	22 14	0 38	17 59	1 23	12 12	15 36	19 4	18 52	9 2		n.a.
T 24	18 56	14 1	4 48	17 51	0 46	14 20	0 43	5 36	0 44	16 12	1 28	17 11	2 12	22 14	0 38	17 59	1 23	12 12	15 37	19 7	18 53	9 4		n.a.
F 25	19 11	17 1	4 24	18 24	0 52	14 46	0 41	5 53	0 43	16 10	1 28	17 10	2 12	22 15	0 38	18 0	1 23	12 11	15 37	19 11	18 54	9 6		n.a.
S 26	19 26	19 20	3 48	18 55	0 57	15 12	0 38	6 10	0 43	16 7	1 28	17 9	2 12	22 15	0 38	18 0	1 23	12 11	15 37	19 14	18 55	9 9		n.a.
S 27	19 41	20 47	3 1	19 27	1 3	15 37	0 36	6 26	0 42	16 5	1 27	17 8	2 11	22 15	0 38	18 1	1 23	12 11	15 38	19 16	18 56	9 11		n.a.
M28	19 55	21 17	2 5	19 57	1 8	16 2	0 34	6 43	0 42	16 3	1 27	17 7	2 11	22 15	0 39	18 1	1 23	12 10	15 38	19 17	18 56	9 13		n.a.
T 29	20 9	20 45	1 3	20 26	1 14	16 26	0 32	7 0	0 41	16 0	1 27	17 6	2 11	22 15	0 39	18 2	1 22	12 10	15 38	19 18	18 57	9 15		n.a.
W30	20s23	19n10	0n 4	20s54	1s19	16s50	0n29	7s16	0n41	15s58	1s27	17s 4	2s11	22n16	0n39	18s 3	1n22	12n10	15n39	19n18	18n58	9n17		n.a.

Julian Day Number = 1363782.5, Delta T = 06h56m39s
Ecliptic obliquity = 23°48'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°35'38, Lahiri = -17°28'37 Julian Calendar 1 Nov. 980 BCE == Greg. Calendar 23 Oct. 980 BCE

The year -979 astronomical counting style corresponds to year 980 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 980 BCE
geocentric

DECEMBER 980 BCE (-979) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 1 21	0♐38'09	18♌48	27♏56	18♏43	20♎36	21♒29	20♒ 9	24°R 3	25♏18	5♎21	5♌ 4	6♌20	7♉22	n.a.	T 1
F 2	4 5 18	1°39'25	2♍ 4	29°33	19°59	21°18	21°37	20°12	24♋ 2	25°20	5°22	5°R 4	6°16	7°29	n.a.	F 2
S 3	4 9 14	2°40'41	15°43	1♐10	21°14	22° 0	21°44	20°16	24° 1	25°23	5°24	5° 3	6°13	7°36	n.a.	S 3
S 4	4 13 11	3°41'57	29°48	2°48	22°30	22°42	21°52	20°19	23°59	25°25	5°25	5° 0	6°10	7°43	n.a.	S 4
M 5	4 17 8	4°43'12	14♎17	4°26	23°45	23°24	21°59	20°23	23°58	25°27	5°27	4°55	6° 7	7°49	n.a.	M 5
T 6	4 21 4	5°44'28	29° 8	6° 4	25° 0	24° 6	22° 7	20°26	23°56	25°29	5°28	4°48	6° 4	7°56	n.a.	T 6
W 7	4 25 1	6°45'43	14♏14	7°43	26°16	24°48	22°15	20°30	23°55	25°32	5°30	4°39	6° 1	8° 3	n.a.	W 7
T 8	4 28 57	7°46'57	29°25	9°23	27°31	25°30	22°23	20°34	23°53	25°34	5°31	4°29	5°57	8°10	n.a.	T 8
F 9	4 32 54	8°48'11	14♐31	11° 3	28°47	26°13	22°32	20°38	23°52	25°36	5°33	4°21	5°54	8°16	n.a.	F 9
S 10	4 36 50	9°49'25	29°22	12°43	0♐ 2	26°55	22°40	20°42	23°50	25°38	5°34	4°14	5°51	8°23	n.a.	S 10
S 11	4 40 47	10°50'38	13♑50	14°24	1°17	27°37	22°49	20°46	23°49	25°40	5°35	4°10	5°48	8°30	n.a.	S 11
M12	4 44 44	11°51'49	27°50	16° 5	2°33	28°19	22°57	20°50	23°47	25°43	5°37	4°D 8	5°45	8°36	n.a.	M12
T 13	4 48 40	12°53'00	11♒21	17°47	3°48	29° 2	23° 6	20°54	23°45	25°45	5°38	4° 8	5°41	8°43	n.a.	T 13
W14	4 52 37	13°54'10	24°25	19°29	5° 3	29°44	23°15	20°59	23°43	25°47	5°39	4° 9	5°38	8°50	n.a.	W14
T 15	4 56 33	14°55'18	7♓ 5	21°12	6°19	0♏26	23°24	21° 3	23°42	25°49	5°40	4°10	5°35	8°57	n.a.	T 15
F 16	5 0 30	15°56'25	19°26	22°55	7°34	1° 9	23°34	21° 8	23°40	25°51	5°41	4°R10	5°32	9° 3	n.a.	F 16
S 17	5 4 26	16°57'31	1♈32	24°38	8°49	1°51	23°43	21°12	23°38	25°54	5°43	4° 9	5°29	9°10	n.a.	S 17
S 18	5 8 23	17°58'36	13°30	26°22	10° 5	2°33	23°53	21°17	23°36	25°56	5°44	4° 6	5°26	9°17	n.a.	S 18
M19	5 12 19	18°59'39	25°22	28° 6	11°20	3°16	24° 2	21°22	23°34	25°58	5°45	4° 0	5°22	9°24	n.a.	M19
T 20	5 16 16	20° 0'42	7♉13	29°50	12°35	3°58	24°12	21°26	23°32	26° 0	5°46	3°53	5°19	9°30	n.a.	T 20
W21	5 20 13	21° 1'43	19° 6	1♑34	13°50	4°41	24°22	21°31	23°30	26° 2	5°47	3°45	5°16	9°37	n.a.	W21
T 22	5 24 9	22° 2'43	1♊ 4	3°18	15° 6	5°23	24°32	21°36	23°28	26° 4	5°48	3°36	5°13	9°44	n.a.	T 22
F 23	5 28 6	23° 3'42	13° 9	5° 1	16°21	6° 6	24°42	21°42	23°26	26° 6	5°49	3°28	5°10	9°50	n.a.	F 23
S 24	5 32 2	24° 4'39	25°21	6°44	17°36	6°48	24°52	21°47	23°23	26° 8	5°50	3°22	5° 7	9°57	n.a.	S 24
S 25	5 35 59	25° 5'35	7♋42	8°26	18°51	7°31	25° 3	21°52	23°21	26°10	5°50	3°17	5° 3	10° 4	n.a.	S 25
M26	5 39 55	26° 6'31	20°13	10° 7	20° 6	8°13	25°13	21°57	23°19	26°12	5°51	3°14	5° 0	10°11	n.a.	M26
T 27	5 43 52	27° 7'25	2♌55	11°47	21°22	8°56	25°24	22° 3	23°17	26°14	5°52	3°D13	4°57	10°17	n.a.	T 27
W28	5 47 48	28° 8'17	15°49	13°25	22°37	9°39	25°35	22° 8	23°14	26°16	5°53	3°14	4°54	10°24	n.a.	W28
T 29	5 51 45	29° 9'09	28°56	15° 1	23°52	10°21	25°45	22°14	23°12	26°18	5°53	3°15	4°51	10°31	n.a.	T 29
F 30	5 55 42	0♑10'00	12♍19	16°35	25° 7	11° 4	25°56	22°19	23°10	26°20	5°54	3°17	4°47	10°37	n.a.	F 30
S 31	5 59 38	1♑10'49	25♍58	18♑ 5	26♐22	11♏47	26♒ 7	22♒25	23♋ 7	26♏22	5♎55	3°R18	4♌44	10♉44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	20s36	16n34	1n13	21s22	1s24	17s14	0n27	7s33	0n40	15s55	1s26	17s 3	2s11	22n16	0n39	18s 3	1n22	12n 9	15n39	19n18	18n59	9n20		n.a.	T 1
F 2	20 49	13 3	2 19	21 48	1 28	17 37	0 25	7 49	0 40	15 53	1 26	17 2	2 10	22 16	0 39	18 4	1 22	12 9	15 40	19 18	19 0	9 22		n.a.	F 2
S 3	21 1	8 46	3 19	22 13	1 33	18 0	0 22	8 6	0 39	15 50	1 26	17 1	2 10	22 17	0 39	18 4	1 22	12 9	15 40	19 18	19 0	9 24		n.a.	S 3
S 4	21 13	3 53	4 9	22 38	1 37	18 22	0 20	8 22	0 39	15 47	1 26	16 59	2 10	22 17	0 39	18 5	1 22	12 9	15 40	19 19	19 1	9 26		n.a.	S 4
M 5	21 25	1s21	4 45	23 0	1 41	18 43	0 17	8 38	0 38	15 44	1 25	16 58	2 10	22 17	0 39	18 5	1 22	12 9	15 41	19 20	19 2	9 28		n.a.	M 5
T 6	21 36	6 37	5 3	23 22	1 45	19 4	0 15	8 54	0 38	15 42	1 25	16 57	2 10	22 17	0 39	18 6	1 22	12 8	15 41	19 22	19 3	9 30		n.a.	T 6
W 7	21 46	11 35	5 0	23 43	1 48	19 25	0 13	9 11	0 37	15 39	1 25	16 55	2 10	22 18	0 39	18 6	1 22	12 8	15 42	19 24	19 4	9 33		n.a.	W 7
T 8	21 57	15 50	4 36	24 2	1 51	19 45	0 10	9 27	0 37	15 36	1 25	16 54	2 9	22 18	0 39	18 7	1 22	12 8	15 42	19 26	19 4	9 35		n.a.	T 8
F 9	22 7	19 2	3 53	24 19	1 54	20 4	0 8	9 43	0 36	15 33	1 24	16 53	2 9	22 18	0 39	18 7	1 22	12 8	15 42	19 28	19 5	9 37		n.a.	F 9
S 10	22 16	20 53	2 55	24 36	1 56	20 23	0 5	9 59	0 35	15 30	1 24	16 51	2 9	22 19	0 39	18 8	1 22	12 8	15 43	19 30	19 6	9 39		n.a.	S 10
S 11	22 25	21 19	1 47	24 50	1 58	20 41	0 3	10 15	0 35	15 27	1 24	16 50	2 9	22 19	0 39	18 8	1 22	12 8	15 43	19 31	19 7	9 41		n.a.	S 11
M12	22 34	20 22	0 34	25 3	2 0	20 59	0 0	10 31	0 34	15 24	1 24	16 48	2 9	22 19	0 39	18 9	1 22	12 7	15 44	19 31	19 8	9 44		n.a.	M12
T 13	22 42	18 16	0s39	25 15	2 1	21 16	0s 2	10 46	0 34	15 20	1 24	16 47	2 9	22 20	0 39	18 10	1 22	12 7	15 44	19 31	19 8	9 46		n.a.	T 13
W14	22 49	15 16	1 47	25 25	2 2	21 33	0 4	11 2	0 33	15 17	1 23	16 45	2 8	22 20	0 39	18 10	1 22	12 7	15 45	19 31	19 9	9 48		n.a.	W14
T 15	22 57	11 38	2 48	25 33	2 2	21 48	0 7	11 18	0 32	15 14	1 23	16 43	2 8	22 20	0 39	18 11	1 22	12 7	15 45	19 31	19 10	9 50		n.a.	T 15
F 16	23 3	7 36	3 39	25 39	2 2	22 4	0 9	11 33	0 32	15 10	1 23	16 42	2 8	22 21	0 39	18 11	1 22	12 7	15 46	19 31	19 11	9 52		n.a.	F 16
S 17	23 10	3 21	4 20	25 44	2 2	22 18	0 12	11 49	0 31	15 7	1 23	16 40	2 8	22 21	0 39	18 12	1 23	12 7	15 46	19 31	19 12	9 55		n.a.	S 17
S 18	23 15	0n59	4 49	25 46	2 1	22 32	0 14	12 4	0 31	15 4	1 22	16 38	2 8	22 21	0 39	18 12	1 23	12 7	15 46	19 32	19 12	9 57		n.a.	S 18
M19	23 21	5 14	5 5	25 47	1 59	22 45	0 16	12 19	0 30	15 0	1 22	16 37	2 8	22 22	0 39	18 13	1 23	12 7	15 47	19 33	19 13	9 59		n.a.	M19
T 20	23 26	9 17	5 8	25 45	1 57	22 58	0 19	12 35	0 29	14 57	1 22	16 35	2 7	22 22	0 39	18 13	1 23	12 7	15 47	19 35	19 14	10 1		n.a.	T 20
W21	23 30	13 0	4 57	25 42	1 54	23 10	0 21	12 50	0 29	14 53	1 22	16 33	2 7	22 23	0 39	18 14	1 23	12 7	15 48	19 37	19 15	10 3		n.a.	W21
T 22	23 34	16 13	4 34	25 37	1 51	23 21	0 23	13 5	0 28	14 50	1 22	16 31	2 7	22 23	0 39	18 14	1 23	12 7	15 48	19 39	19 16	10 5		n.a.	T 22
F 23	23 38	18 48	3 58	25 29	1 46	23 31	0 25	13 20	0 27	14 46	1 21	16 30	2 7	22 23	0 39	18 15	1 23	12 7	15 49	19 41	19 16	10 8		n.a.	F 23
S 24	23 41	20 33	3 11	25 20	1 42	23 41	0 28	13 35	0 27	14 42	1 21	16 28	2 7	22 24	0 39	18 15	1 23	12 7	15 49	19 42	19 17	10 10		n.a.	S 24
S 25	23 43	21 21	2 14	25 8	1 36	23 50	0 30	13 49	0 26	14 39	1 21	16 26	2 7	22 24	0 39	18 16	1 23	12 8	15 50	19 43	19 18	10 12		n.a.	S 25
M26	23 45	21 6	1 10	24 54	1 30	23 58	0 32	14 4	0 25	14 35	1 21	16 24	2 7	22 24	0 39	18 16	1 23	12 8	15 50	19 44	19 19	10 14		n.a.	M26
T 27	23 47	19 47	0 2	24 39	1 22	24 6	0 34	14 19	0 25	14 31	1 21	16 22	2 7	22 25	0 39	18 16	1 23	12 8	15 51	19 44	19 19	10 16		n.a.	T 27
W28	23 48	17 26	1n 8	24 21	1 14	24 12	0 36	14 33	0 24	14 27	1 20	16 20	2 6	22 25	0 39	18 17	1 23	12 8	15 51	19 44	19 20	10 18		n.a.	W28
T 29	23 48	14 8	2 16	24 2	1 6	24 18	0 39	14 47	0 23	14 23	1 20	16 18	2 6	22 26	0 39	18 17	1 23	12 8	15 52	19 44	19 21	10 21		n.a.	T 29
F 30	23 49	10 4	3 17	23 41	0 56	24 24	0 41	15 1	0 22	14 19	1 20	16 16	2 6	22 26	0 39	18 18	1 23	12 8	15 52	19 43	19 22	10 23		n.a.	F 30
S 31	23s48	5n26	4n 9	23s19	0s45	24s28	0s43	15s16	0n22	14s15	1s20	16s14	2s 6	22n27	0n40	18s18	1n23	12n 8	15n53	19n43	19n23	10n25		n.a.	S 31

Julian Day Number = 1363812.5, Delta T = 06h56m37s
Ecliptic obliquity = 23°48'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°35'33, Lahiri = -17°28'33 Julian Calendar 1 Dec. 980 BCE == Greg. Calendar 22 Nov. 980 BCE

The year -979 astronomical counting style corresponds to year 980 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 979 BCE
geocentric

JANUARY 979 BCE (-978) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 3 35	2♉11'37	9♎55	19♉31	27♐37	12♏30	26♒19	22♒31	23°R 5	26♏24	5♎55	3°R18	4♌41	10♉51	n.a.	S 1
M 2	6 7 31	3°12'24	24° 8	20°53	28°53	13°13	26°30	22°37	23♋ 3	26°26	5°56	3♌16	4°38	10°58	n.a.	M 2
T 3	6 11 28	4°13'10	8♏37	22°10	0♉ 8	13°55	26°41	22°42	23° 0	26°28	5°57	3°13	4°35	11° 4	n.a.	T 3
W 4	6 15 24	5°13'55	23°18	23°21	1°23	14°38	26°53	22°48	22°58	26°30	5°57	3°10	4°32	11°11	n.a.	W 4
T 5	6 19 21	6°14'38	8♐ 3	24°26	2°38	15°21	27° 4	22°54	22°55	26°32	5°57	3° 6	4°28	11°18	n.a.	T 5
F 6	6 23 17	7°15'21	22°46	25°23	3°53	16° 4	27°16	23° 0	22°53	26°34	5°58	3° 2	4°25	11°25	n.a.	F 6
S 7	6 27 14	8°16'01	7♉20	26°13	5° 8	16°47	27°27	23° 7	22°50	26°36	5°58	2°59	4°22	11°31	n.a.	S 7
S 8	6 31 11	9°16'40	21°38	26°53	6°23	17°30	27°39	23°13	22°48	26°37	5°59	2°57	4°19	11°38	n.a.	S 8
M 9	6 35 7	10°17'17	5♒34	27°25	7°38	18°13	27°51	23°19	22°45	26°39	5°59	2°D57	4°16	11°45	n.a.	M 9
T 10	6 39 4	11°17'53	19° 7	27°46	8°53	18°56	28° 3	23°25	22°43	26°41	5°59	2°58	4°13	11°51	n.a.	T 10
W11	6 43 0	12°18'26	2♓15	27°58	10° 8	19°39	28°15	23°32	22°40	26°43	6° 0	2°59	4° 9	11°58	n.a.	W11
T 12	6 46 57	13°18'58	15° 1	27°R59	11°23	20°22	28°27	23°38	22°38	26°44	6° 0	3° 1	4° 6	12° 5	n.a.	T 12
F 13	6 50 53	14°19'27	27°28	27°50	12°38	21° 5	28°39	23°45	22°35	26°46	6° 0	3° 2	4° 3	12°12	n.a.	F 13
S 14	6 54 50	15°19'54	9♈38	27°30	13°53	21°48	28°52	23°51	22°32	26°48	6° 0	3° 3	4° 0	12°18	n.a.	S 14
S 15	6 58 46	16°20'20	21°38	27° 1	15° 8	22°31	29° 4	23°58	22°30	26°49	6° 0	3°R 3	3°57	12°25	n.a.	S 15
M16	7 2 43	17°20'43	3♉32	26°23	16°23	23°14	29°17	24° 4	22°27	26°51	6° 0	3° 2	3°53	12°32	n.a.	M16
T 17	7 6 40	18°21'04	15°24	25°38	17°38	23°57	29°29	24°11	22°25	26°53	6°R 0	3° 1	3°50	12°39	n.a.	T 17
W18	7 10 36	19°21'23	27°18	24°45	18°53	24°41	29°42	24°18	22°22	26°54	6° 0	2°59	3°47	12°45	n.a.	W18
T 19	7 14 33	20°21'40	9♊19	23°47	20° 8	25°24	29°54	24°24	22°19	26°56	6° 0	2°57	3°44	12°52	n.a.	T 19
F 20	7 18 29	21°21'55	21°30	22°46	21°22	26° 7	0♓ 7	24°31	22°17	26°57	6° 0	2°55	3°41	12°59	n.a.	F 20
S 21	7 22 26	22°22'08	3♋52	21°42	22°37	26°50	0°20	24°38	22°14	26°59	6° 0	2°53	3°38	13° 5	n.a.	S 21
S 22	7 26 22	23°22'19	16°28	20°37	23°52	27°33	0°33	24°45	22°11	27° 0	6° 0	2°52	3°34	13°12	n.a.	S 22
M23	7 30 19	24°22'28	29°18	19°34	25° 7	28°17	0°46	24°52	22° 9	27° 2	6° 0	2°D52	3°31	13°19	n.a.	M23
T 24	7 34 15	25°22'35	12♌21	18°33	26°22	29° 0	0°59	24°59	22° 6	27° 3	5°59	2°52	3°28	13°26	n.a.	T 24
W25	7 38 12	26°22'40	25°39	17°35	27°37	29°43	1°12	25° 6	22° 4	27° 4	5°59	2°53	3°25	13°32	n.a.	W25
T 26	7 42 9	27°22'43	9♍ 9	16°42	28°51	0♐27	1°25	25°13	22° 1	27° 6	5°59	2°53	3°22	13°39	n.a.	T 26
F 27	7 46 5	28°22'44	22°52	15°55	0♒ 6	1°10	1°38	25°20	21°58	27° 7	5°59	2°54	3°19	13°46	n.a.	F 27
S 28	7 50 2	29°22'44	6♎44	15°13	1°21	1°53	1°51	25°27	21°56	27° 8	5°58	2°54	3°15	13°52	n.a.	S 28
S 29	7 53 58	0♒22'42	20°46	14°38	2°36	2°37	2° 5	25°34	21°53	27°10	5°58	2°54	3°12	13°59	n.a.	S 29
M30	7 57 55	1°22'38	4♏56	14°10	3°50	3°20	2°18	25°42	21°51	27°11	5°57	2°R54	3° 9	14° 6	n.a.	M30
T 31	8 1 51	2♒22'32	19♏11	13♉48	5♒ 5	4♐ 3	2♓31	25♒49	21♋48	27♏12	5♎57	2°D54	3♌ 6	14♉13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s47	0n25	4n47	22s55	0s34	24s32	0s45	15s30	0n21	14s11	1s20	16s12	2s 6	22n27	0n40	18s19	1n23	12n 9	15n53	19n43	19n23	10n27			n.a.
M 2	23 46	4s43	5 9	22 31	0 21	24 35	0 47	15 43	0 20	14 7	1 20	16 10	2 6	22 27	0 40	18 19	1 23	12 9	15 54	19 44	19 24	10 29			n.a.
T 3	23 44	9 41	5 11	22 5	0 8	24 37	0 49	15 57	0 20	14 3	1 19	16 8	2 6	22 28	0 40	18 20	1 23	12 9	15 54	19 44	19 25	10 31			n.a.
W 4	23 42	14 9	4 54	21 39	0n 6	24 39	0 51	16 11	0 19	13 59	1 19	16 6	2 6	22 28	0 40	18 20	1 23	12 9	15 55	19 45	19 26	10 34			n.a.
T 5	23 40	17 46	4 17	21 13	0 21	24 39	0 52	16 24	0 18	13 55	1 19	16 4	2 5	22 29	0 40	18 20	1 23	12 10	15 55	19 46	19 26	10 36			n.a.
F 6	23 36	20 14	3 23	20 48	0 36	24 39	0 54	16 38	0 17	13 51	1 19	16 2	2 5	22 29	0 40	18 21	1 23	12 10	15 56	19 47	19 27	10 38			n.a.
S 7	23 33	21 20	2 16	20 22	0 53	24 39	0 56	16 51	0 17	13 46	1 19	15 59	2 5	22 30	0 40	18 21	1 23	12 10	15 56	19 48	19 28	10 40			n.a.
S 8	23 29	21 1	1 2	19 58	1 9	24 37	0 58	17 4	0 16	13 42	1 19	15 57	2 5	22 30	0 40	18 22	1 23	12 11	15 57	19 48	19 29	10 42			n.a.
M 9	23 24	19 24	0s14	19 36	1 26	24 35	0 59	17 17	0 15	13 38	1 18	15 55	2 5	22 31	0 40	18 22	1 23	12 11	15 57	19 48	19 29	10 44			n.a.
T 10	23 19	16 43	1 28	19 15	1 43	24 31	1 1	17 30	0 14	13 33	1 18	15 53	2 5	22 31	0 40	18 22	1 23	12 11	15 58	19 48	19 30	10 47			n.a.
W11	23 14	13 14	2 35	18 56	2 0	24 28	1 3	17 42	0 13	13 29	1 18	15 51	2 5	22 31	0 40	18 23	1 23	12 12	15 58	19 48	19 31	10 49			n.a.
T 12	23 8	9 14	3 32	18 39	2 17	24 23	1 4	17 55	0 13	13 25	1 18	15 48	2 5	22 32	0 40	18 23	1 23	12 12	15 59	19 47	19 32	10 51			n.a.
F 13	23 2	4 57	4 17	18 25	2 33	24 18	1 6	18 7	0 12	13 20	1 18	15 46	2 5	22 32	0 40	18 24	1 23	12 12	15 59	19 47	19 33	10 53			n.a.
S 14	22 55	0 33	4 50	18 14	2 48	24 11	1 7	18 19	0 11	13 16	1 18	15 44	2 5	22 33	0 40	18 24	1 23	12 13	16 0	19 47	19 33	10 55			n.a.
S 15	22 48	3n47	5 10	18 6	3 3	24 4	1 9	18 31	0 10	13 11	1 17	15 42	2 4	22 33	0 40	18 24	1 23	12 13	16 0	19 47	19 34	10 57			n.a.
M16	22 40	7 56	5 16	18 0	3 15	23 57	1 10	18 43	0 9	13 6	1 17	15 39	2 4	22 34	0 40	18 25	1 23	12 14	16 1	19 47	19 35	11 0			n.a.
T 17	22 32	11 47	5 8	17 58	3 27	23 48	1 11	18 55	0 8	13 2	1 17	15 37	2 4	22 34	0 40	18 25	1 23	12 14	16 1	19 47	19 36	11 2			n.a.
W18	22 23	15 11	4 48	17 58	3 36	23 39	1 13	19 7	0 8	12 57	1 17	15 34	2 4	22 35	0 40	18 25	1 23	12 15	16 2	19 48	19 36	11 4			n.a.
T 19	22 14	18 0	4 15	18 0	3 44	23 30	1 14	19 18	0 7	12 53	1 17	15 32	2 4	22 35	0 40	18 26	1 23	12 15	16 2	19 48	19 37	11 6			n.a.
F 20	22 5	20 3	3 29	18 5	3 49	23 19	1 15	19 29	0 6	12 48	1 17	15 30	2 4	22 35	0 40	18 26	1 23	12 16	16 3	19 49	19 38	11 8			n.a.
S 21	21 55	21 11	2 34	18 12	3 52	23 8	1 16	19 40	0 5	12 43	1 17	15 27	2 4	22 36	0 40	18 26	1 23	12 16	16 3	19 49	19 39	11 10			n.a.
S 22	21 45	21 18	1 30	18 21	3 53	22 56	1 17	19 51	0 4	12 38	1 17	15 25	2 4	22 36	0 40	18 27	1 23	12 17	16 4	19 49	19 39	11 13			n.a.
M23	21 35	20 18	0 20	18 32	3 52	22 43	1 18	20 2	0 3	12 34	1 16	15 22	2 4	22 37	0 40	18 27	1 23	12 17	16 4	19 49	19 40	11 15			n.a.
T 24	21 24	18 12	0n52	18 44	3 49	22 30	1 19	20 12	0 2	12 29	1 16	15 20	2 4	22 37	0 40	18 27	1 23	12 18	16 5	19 49	19 41	11 17			n.a.
W25	21 12	15 6	2 3	18 56	3 44	22 16	1 20	20 23	0 1	12 24	1 16	15 18	2 4	22 38	0 40	18 27	1 23	12 18	16 5	19 49	19 42	11 19			n.a.
T 26	21 0	11 9	3 8	19 10	3 37	22 1	1 21	20 33	0 1	12 19	1 16	15 15	2 4	22 38	0 40	18 28	1 23	12 19	16 6	19 49	19 42	11 21			n.a.
F 27	20 48	6 35	4 3	19 24	3 28	21 46	1 21	20 43	0s 0	12 14	1 16	15 13	2 4	22 39	0 40	18 28	1 23	12 19	16 6	19 49	19 43	11 23			n.a.
S 28	20 36	1 38	4 45	19 38	3 19	21 30	1 22	20 53	0 1	12 9	1 16	15 10	2 4	22 39	0 40	18 28	1 23	12 20	16 7	19 49	19 44	11 25			n.a.
S 29	20 23	3s27	5 10	19 53	3 8	21 14	1 23	21 2	0 2	12 4	1 16	15 8	2 3	22 39	0 40	18 29	1 23	12 20	16 7	19 49	19 45	11 28			n.a.
M30	20 10	8 24	5 17	20 8	2 56	20 56	1 23	21 12	0 3	11 59	1 16	15 5	2 3	22 40	0 40	18 29	1 23	12 21	16 8	19 49	19 45	11 30			n.a.
T 31	19s56	12s54	5n 5	20s22	2n44	20s39	1s24	21s21	0s 4	11s54	1s16	15s 3	2s 3	22n40	0n40	18s29	1n23	12n22	16n 8	19n49	19n46	11n32			n.a.

Julian Day Number = 1363843.5, Delta T = 06h56m36s
Ecliptic obliquity = 23°48'38, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°35'29, Lahiri = -17°28'29 Julian Calendar 1 Jan. 979 BCE == Greg. Calendar 23 Dec. 980 BCE

The year -978 astronomical counting style corresponds to year 979 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 979 BCE
geocentric

FEBRUARY 979 BCE (-978) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 5 48	3♒22'24	3♐28	13°R33	6♒20	4♐47	2♓45	25♒56	21°R45	27♏13	5°R56	2♌54	3♌ 3	14♉19	n.a.	W 1
T 2	8 9 44	4°22'15	17°46	13♑25	7°34	5°30	2°58	26° 3	21♋43	27°15	5♎56	2°54	2°59	14°26	n.a.	T 2
F 3	8 13 41	5°22'04	1♑59	13°D23	8°49	6°14	3°12	26°11	21°40	27°16	5°55	2°55	2°56	14°33	n.a.	F 3
S 4	8 17 38	6°21'51	16° 5	13°27	10° 4	6°57	3°25	26°18	21°38	27°17	5°55	2°55	2°53	14°40	n.a.	S 4
S 5	8 21 34	7°21'36	29°59	13°37	11°18	7°41	3°39	26°25	21°35	27°18	5°54	2°R55	2°50	14°46	n.a.	S 5
M 6	8 25 31	8°21'19	13♒38	13°53	12°33	8°24	3°53	26°33	21°33	27°19	5°53	2°55	2°47	14°53	n.a.	M 6
T 7	8 29 27	9°20'59	26°59	14°14	13°48	9° 8	4° 6	26°40	21°30	27°20	5°53	2°54	2°44	15° 0	n.a.	T 7
W 8	8 33 24	10°20'37	10♓ 2	14°40	15° 2	9°51	4°20	26°48	21°28	27°21	5°52	2°54	2°40	15° 6	n.a.	W 8
T 9	8 37 20	11°20'13	22°47	15°10	16°17	10°35	4°34	26°55	21°25	27°22	5°51	2°53	2°37	15°13	n.a.	T 9
F 10	8 41 17	12°19'47	5♈14	15°45	17°31	11°18	4°48	27° 3	21°23	27°23	5°51	2°51	2°34	15°20	n.a.	F 10
S 11	8 45 13	13°19'18	17°27	16°24	18°46	12° 2	5° 2	27°10	21°21	27°24	5°50	2°50	2°31	15°27	n.a.	S 11
S 12	8 49 10	14°18'47	29°29	17° 7	20° 0	12°45	5°15	27°18	21°18	27°24	5°49	2°49	2°28	15°33	n.a.	S 12
M13	8 53 6	15°18'13	11♉24	17°53	21°15	13°29	5°29	27°25	21°16	27°25	5°48	2°D49	2°24	15°40	n.a.	M13
T 14	8 57 3	16°17'37	23°16	18°43	22°29	14°13	5°43	27°33	21°14	27°26	5°47	2°49	2°21	15°47	n.a.	T 14
W15	9 1 0	17°16'59	5♊11	19°36	23°44	14°56	5°57	27°40	21°11	27°27	5°46	2°49	2°18	15°53	n.a.	W15
T 16	9 4 56	18°16'18	17°13	20°32	24°58	15°40	6°11	27°48	21° 9	27°27	5°45	2°51	2°15	16° 0	n.a.	T 16
F 17	9 8 53	19°15'35	29°26	21°31	26°12	16°23	6°25	27°55	21° 7	27°28	5°44	2°52	2°12	16° 7	n.a.	F 17
S 18	9 12 49	20°14'49	11♋55	22°33	27°27	17° 7	6°40	28° 3	21° 5	27°29	5°43	2°53	2° 9	16°14	n.a.	S 18
S 19	9 16 46	21°14'02	24°41	23°37	28°41	17°51	6°54	28°11	21° 2	27°29	5°42	2°54	2° 5	16°20	n.a.	S 19
M20	9 20 42	22°13'11	7♌46	24°44	29°55	18°34	7° 8	28°18	21° 0	27°30	5°41	2°R54	2° 2	16°27	n.a.	M20
T 21	9 24 39	23°12'19	21°11	25°53	1♓10	19°18	7°22	28°26	20°58	27°31	5°40	2°53	1°59	16°34	n.a.	T 21
W22	9 28 35	24°11'24	4♍55	27° 4	2°24	20° 2	7°36	28°34	20°56	27°31	5°39	2°52	1°56	16°41	n.a.	W22
T 23	9 32 32	25°10'27	18°53	28°17	3°38	20°45	7°50	28°41	20°54	27°32	5°38	2°49	1°53	16°47	n.a.	T 23
F 24	9 36 29	26° 9'28	3♎ 4	29°32	4°53	21°29	8° 5	28°49	20°52	27°32	5°37	2°46	1°50	16°54	n.a.	F 24
S 25	9 40 25	27° 8'27	17°21	0♒50	6° 7	22°13	8°19	28°56	20°50	27°33	5°35	2°42	1°46	17° 1	n.a.	S 25
S 26	9 44 22	28° 7'24	1♏41	2° 9	7°21	22°56	8°33	29° 4	20°48	27°33	5°34	2°40	1°43	17° 7	n.a.	S 26
M27	9 48 18	29° 6'19	15°59	3°30	8°35	23°40	8°47	29°12	20°46	27°33	5°33	2°38	1°40	17°14	n.a.	M27
T 28	9 52 15	0♓ 5'13	0♐13	4♒53	9♓49	24♐24	9♓ 2	29♒19	20♋44	27♏34	5♎32	2°D37	1♌37	17♉21	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s42	16s42	4n33	20s36	2n31	20s20	1s24	21s30	0s 5	11s49	1s15	15s 0	2s 3	22n41	0n40	18s29	1n24	12n22	16n 8	19n49	19n47	11n34		n.a.
T 2	19 28	19 30	3 45	20 50	2 18	20 1	1 25	21 39	0 6	11 44	1 15	14 57	2 3	22 41	0 40	18 30	1 24	12 23	16 9	19 49	19 48	11 36		n.a.
F 3	19 13	21 4	2 43	21 3	2 5	19 42	1 25	21 48	0 7	11 39	1 15	14 55	2 3	22 41	0 40	18 30	1 24	12 23	16 9	19 49	19 48	11 38		n.a.
S 4	18 58	21 18	1 32	21 16	1 51	19 22	1 25	21 56	0 8	11 34	1 15	14 52	2 3	22 42	0 40	18 30	1 24	12 24	16 10	19 49	19 49	11 40		n.a.
S 5	18 43	20 12	0 16	21 29	1 38	19 1	1 25	22 5	0 9	11 29	1 15	14 50	2 3	22 42	0 40	18 30	1 24	12 25	16 10	19 49	19 50	11 43		n.a.
M 6	18 27	17 56	0s59	21 40	1 25	18 40	1 25	22 13	0 10	11 24	1 15	14 47	2 3	22 43	0 40	18 30	1 24	12 25	16 11	19 49	19 51	11 45		n.a.
T 7	18 11	14 44	2 10	21 51	1 12	18 18	1 26	22 21	0 11	11 19	1 15	14 44	2 3	22 43	0 40	18 31	1 24	12 26	16 11	19 49	19 51	11 47		n.a.
W 8	17 55	10 52	3 12	22 1	0 59	17 56	1 26	22 28	0 12	11 14	1 15	14 42	2 3	22 43	0 40	18 31	1 24	12 27	16 12	19 49	19 52	11 49		n.a.
T 9	17 39	6 37	4 2	22 10	0 46	17 34	1 25	22 36	0 13	11 8	1 15	14 39	2 3	22 44	0 40	18 31	1 24	12 27	16 12	19 49	19 53	11 51		n.a.
F 10	17 22	2 10	4 41	22 18	0 34	17 10	1 25	22 43	0 14	11 3	1 15	14 37	2 3	22 44	0 40	18 31	1 24	12 28	16 12	19 49	19 53	11 53		n.a.
S 11	17 5	2n16	5 5	22 25	0 22	16 47	1 25	22 50	0 15	10 58	1 15	14 34	2 3	22 45	0 40	18 31	1 24	12 29	16 13	19 50	19 54	11 55		n.a.
S 12	16 47	6 32	5 16	22 32	0 10	16 23	1 25	22 57	0 16	10 53	1 14	14 31	2 3	22 45	0 40	18 31	1 24	12 29	16 13	19 50	19 55	11 57		n.a.
M13	16 30	10 32	5 13	22 37	0s 1	15 58	1 25	23 3	0 17	10 47	1 14	14 29	2 3	22 45	0 40	18 32	1 24	12 30	16 14	19 50	19 56	12 0		n.a.
T 14	16 12	14 6	4 57	22 41	0 12	15 33	1 24	23 10	0 18	10 42	1 14	14 26	2 3	22 46	0 40	18 32	1 24	12 31	16 14	19 50	19 56	12 2		n.a.
W15	15 54	17 7	4 27	22 43	0 22	15 8	1 24	23 16	0 19	10 37	1 14	14 23	2 3	22 46	0 40	18 32	1 24	12 32	16 14	19 50	19 57	12 4		n.a.
T 16	15 35	19 26	3 46	22 45	0 33	14 42	1 23	23 22	0 20	10 32	1 14	14 21	2 3	22 46	0 40	18 32	1 24	12 32	16 15	19 50	19 58	12 6		n.a.
F 17	15 17	20 54	2 54	22 45	0 42	14 16	1 23	23 27	0 21	10 26	1 14	14 18	2 3	22 47	0 40	18 32	1 24	12 33	16 15	19 49	19 59	12 8		n.a.
S 18	14 58	21 23	1 53	22 44	0 51	13 50	1 22	23 33	0 22	10 21	1 14	14 15	2 3	22 47	0 40	18 32	1 24	12 34	16 16	19 49	19 59	12 10		n.a.
S 19	14 39	20 47	0 45	22 42	1 0	13 23	1 21	23 38	0 24	10 16	1 14	14 13	2 3	22 47	0 40	18 32	1 24	12 35	16 16	19 49	20 0	12 12		n.a.
M20	14 19	19 2	0n27	22 38	1 9	12 56	1 21	23 43	0 25	10 10	1 14	14 10	2 3	22 48	0 40	18 32	1 24	12 35	16 16	19 49	20 1	12 14		n.a.
T 21	14 0	16 13	1 39	22 33	1 17	12 28	1 20	23 48	0 26	10 5	1 14	14 7	2 3	22 48	0 40	18 33	1 24	12 36	16 17	19 49	20 1	12 17		n.a.
W22	13 40	12 27	2 47	22 27	1 24	12 0	1 19	23 53	0 27	9 59	1 14	14 5	2 3	22 48	0 40	18 33	1 24	12 37	16 17	19 49	20 2	12 19		n.a.
T 23	13 20	7 56	3 47	22 19	1 31	11 32	1 18	23 57	0 28	9 54	1 14	14 2	2 3	22 49	0 40	18 33	1 24	12 38	16 17	19 50	20 3	12 21		n.a.
F 24	13 0	2 56	4 33	22 9	1 38	11 4	1 17	24 1	0 29	9 48	1 14	13 59	2 3	22 49	0 40	18 33	1 24	12 38	16 18	19 51	20 4	12 23		n.a.
S 25	12 39	2s16	5 3	21 58	1 44	10 35	1 16	24 5	0 30	9 43	1 14	13 57	2 3	22 49	0 40	18 33	1 24	12 39	16 18	19 52	20 4	12 25		n.a.
S 26	12 19	7 20	5 14	21 46	1 49	10 6	1 15	24 9	0 31	9 38	1 14	13 54	2 3	22 50	0 40	18 33	1 24	12 40	16 18	19 52	20 5	12 27		n.a.
M27	11 58	12 1	5 5	21 32	1 55	9 37	1 14	24 12	0 33	9 32	1 14	13 51	2 3	22 50	0 40	18 33	1 24	12 41	16 18	19 53	20 6	12 29		n.a.
T 28	11s37	15s59	4n38	21s16	1s59	9s 7	1s12	24s15	0s34	9s27	1s14	13s48	2s 3	22n50	0n40	18s33	1n24	12n41	16n19	19n53	20n 7	12n31		n.a.

Julian Day Number = 1363874.5, Delta T = 06h56m34s
Ecliptic obliquity = 23°48'38, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°35'25, Lahiri = -17°28'25 Julian Calendar 1 Feb. 979 BCE == Greg. Calendar 23 Jan. 979 BCE

The year -978 astronomical counting style corresponds to year 979 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 979 BCE
geocentric

MARCH 979 BCE (-978) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 56 11	1♓ 4'04	14♐19	6♒17	11♓ 3	25♐ 7	9♓16	29♒27	20°R43	27♏34	5°R30	2♌38	1♌34	17♉28	n.a.	W 1
T 2	10 0 8	2° 2'54	28°17	7°44	12°18	25°51	9°30	29°35	20♋41	27°34	5♎29	2°39	1°30	17°34	n.a.	T 2
F 3	10 4 4	3° 1'42	12♑ 6	9°12	13°32	26°35	9°44	29°42	20°39	27°34	5°28	2°41	1°27	17°41	n.a.	F 3
S 4	10 8 1	4° 0'29	25°44	10°41	14°46	27°18	9°59	29°50	20°37	27°35	5°26	2°42	1°24	17°48	n.a.	S 4
S 5	10 11 57	4°59'13	9♒11	12°13	16° 0	28° 2	10°13	29°58	20°36	27°35	5°25	2°R42	1°21	17°54	n.a.	S 5
M 6	10 15 54	5°57'55	22°25	13°46	17°14	28°46	10°27	0♓ 5	20°34	27°35	5°24	2°40	1°18	18° 1	n.a.	M 6
T 7	10 19 51	6°56'35	5♓28	15°20	18°28	29°29	10°42	0°13	20°33	27°35	5°22	2°37	1°15	18° 8	n.a.	T 7
W 8	10 23 47	7°55'13	18°16	16°56	19°42	0♑13	10°56	0°21	20°31	27°35	5°21	2°32	1°11	18°15	n.a.	W 8
T 9	10 27 44	8°53'49	0♈51	18°34	20°56	0°57	11°11	0°28	20°30	27°R35	5°19	2°26	1° 8	18°21	n.a.	T 9
F 10	10 31 40	9°52'23	13°13	20°14	22°10	1°40	11°25	0°36	20°28	27°35	5°18	2°19	1° 5	18°28	n.a.	F 10
S 11	10 35 37	10°50'54	25°23	21°55	23°24	2°24	11°39	0°43	20°27	27°35	5°16	2°13	1° 2	18°35	n.a.	S 11
S 12	10 39 33	11°49'24	7♉24	23°37	24°38	3° 8	11°54	0°51	20°25	27°35	5°15	2° 7	0°59	18°41	n.a.	S 12
M13	10 43 30	12°47'51	19°18	25°21	25°52	3°51	12° 8	0°59	20°24	27°35	5°13	2° 2	0°56	18°48	n.a.	M13
T 14	10 47 26	13°46'16	1♊10	27° 7	27° 6	4°35	12°22	1° 6	20°23	27°35	5°12	2° 0	0°52	18°55	n.a.	T 14
W15	10 51 23	14°44'39	13° 4	28°55	28°19	5°18	12°37	1°14	20°22	27°35	5°10	1°D59	0°49	19° 2	n.a.	W15
T 16	10 55 19	15°42'59	25° 4	0♓44	29°33	6° 2	12°51	1°21	20°20	27°34	5° 9	1°59	0°46	19° 8	n.a.	T 16
F 17	10 59 16	16°41'18	7♋16	2°35	0♈47	6°46	13° 5	1°29	20°19	27°34	5° 7	2° 0	0°43	19°15	n.a.	F 17
S 18	11 3 13	17°39'34	19°45	4°27	2° 1	7°29	13°20	1°36	20°18	27°34	5° 6	2° 2	0°40	19°22	n.a.	S 18
S 19	11 7 9	18°37'48	2♌35	6°21	3°14	8°13	13°34	1°44	20°17	27°34	5° 4	2°R 2	0°36	19°28	n.a.	S 19
M20	11 11 6	19°35'59	15°49	8°17	4°28	8°56	13°48	1°51	20°16	27°33	5° 2	2° 1	0°33	19°35	n.a.	M20
T 21	11 15 2	20°34'09	29°27	10°14	5°42	9°40	14° 3	1°58	20°15	27°33	5° 1	1°58	0°30	19°42	n.a.	T 21
W22	11 18 59	21°32'17	13♍30	12°13	6°55	10°23	14°17	2° 6	20°14	27°32	4°59	1°53	0°27	19°49	n.a.	W22
T 23	11 22 55	22°30'23	27°54	14°13	8° 9	11° 7	14°31	2°13	20°14	27°32	4°58	1°47	0°24	19°55	n.a.	T 23
F 24	11 26 52	23°28'27	12♎32	16°15	9°23	11°50	14°45	2°20	20°13	27°32	4°56	1°39	0°21	20° 2	n.a.	F 24
S 25	11 30 48	24°26'29	27°17	18°19	10°36	12°33	15° 0	2°28	20°12	27°31	4°54	1°31	0°17	20° 9	n.a.	S 25
S 26	11 34 45	25°24'30	12♏ 1	20°23	11°50	13°17	15°14	2°35	20°12	27°31	4°53	1°24	0°14	20°15	n.a.	S 26
M27	11 38 42	26°22'29	26°38	22°29	13° 3	14° 0	15°28	2°42	20°11	27°30	4°51	1°18	0°11	20°22	n.a.	M27
T 28	11 42 38	27°20'27	11♐ 2	24°37	14°17	14°44	15°42	2°50	20°10	27°29	4°49	1°15	0° 8	20°29	n.a.	T 28
W29	11 46 35	28°18'23	25°10	26°45	15°30	15°27	15°56	2°57	20°10	27°29	4°48	1°D14	0° 5	20°36	n.a.	W29
T 30	11 50 31	29°16'18	9♑ 1	28°54	16°44	16°10	16°11	3° 4	20° 9	27°28	4°46	1°14	0° 1	20°42	n.a.	T 30
F 31	11 54 28	0♈14'12	22♑35	1♈ 3	17♈57	16♑54	16♓25	3♓11	20♋ 9	27♏28	4♎44	1♌15	29♋58	20♉49	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	11s16	18s59	3n55	20s59	2s 4	8s37	1s11	24s18	0s35	9s21	1s14	13s46	2s 3	22n50	0n40	18s33	1n25	12n42	16n19	19n53	20n 7	12n33			n.a.
T 2	10 54	20 51	2 57	20 40	2 7	8 7	1 10	24 21	0 36	9 16	1 14	13 43	2 3	22 51	0 40	18 33	1 25	12 43	16 19	19 52	20 8	12 36			n.a.
F 3	10 33	21 25	1 50	20 20	2 11	7 37	1 8	24 23	0 37	9 10	1 14	13 40	2 3	22 51	0 40	18 33	1 25	12 44	16 20	19 52	20 9	12 38			n.a.
S 4	10 11	20 42	0 38	19 58	2 14	7 7	1 7	24 25	0 38	9 5	1 14	13 38	2 4	22 51	0 40	18 33	1 25	12 44	16 20	19 52	20 9	12 40			n.a.
S 5	9 50	18 48	0s35	19 34	2 16	6 36	1 5	24 27	0 40	8 59	1 13	13 35	2 4	22 51	0 40	18 33	1 25	12 45	16 20	19 52	20 10	12 42			n.a.
M 6	9 28	15 55	1 46	19 9	2 18	6 6	1 4	24 29	0 41	8 53	1 13	13 32	2 4	22 52	0 40	18 33	1 25	12 46	16 20	19 52	20 11	12 44			n.a.
T 7	9 6	12 16	2 49	18 42	2 19	5 35	1 2	24 31	0 42	8 48	1 13	13 30	2 4	22 52	0 39	18 33	1 25	12 47	16 21	19 53	20 12	12 46			n.a.
W 8	8 44	8 7	3 43	18 13	2 20	5 4	1 0	24 32	0 43	8 42	1 13	13 27	2 4	22 52	0 39	18 33	1 25	12 47	16 21	19 54	20 12	12 48			n.a.
T 9	8 21	3 41	4 25	17 43	2 20	4 33	0 59	24 33	0 44	8 37	1 13	13 24	2 4	22 52	0 39	18 33	1 25	12 48	16 21	19 55	20 13	12 50			n.a.
F 10	7 59	0n48	4 53	17 11	2 20	4 2	0 57	24 34	0 46	8 31	1 13	13 22	2 4	22 52	0 39	18 33	1 25	12 49	16 21	19 57	20 14	12 52			n.a.
S 11	7 37	5 12	5 8	16 37	2 19	3 30	0 55	24 34	0 47	8 26	1 13	13 19	2 4	22 53	0 39	18 33	1 25	12 50	16 21	19 58	20 14	12 54			n.a.
S 12	7 14	9 20	5 9	16 1	2 18	2 59	0 53	24 35	0 48	8 20	1 13	13 16	2 4	22 53	0 39	18 33	1 25	12 51	16 22	20 0	20 15	12 56			n.a.
M13	6 51	13 5	4 56	15 24	2 16	2 27	0 51	24 35	0 49	8 15	1 13	13 13	2 4	22 53	0 39	18 33	1 25	12 51	16 22	20 1	20 16	12 59			n.a.
T 14	6 29	16 18	4 31	14 45	2 14	1 56	0 49	24 34	0 51	8 9	1 13	13 11	2 4	22 53	0 39	18 33	1 25	12 52	16 22	20 1	20 16	13 1			n.a.
W15	6 6	18 51	3 54	14 5	2 11	1 24	0 47	24 34	0 52	8 3	1 13	13 8	2 4	22 53	0 39	18 33	1 25	12 53	16 22	20 2	20 17	13 3			n.a.
T 16	5 43	20 37	3 7	13 22	2 8	0 52	0 45	24 33	0 53	7 58	1 13	13 6	2 4	22 53	0 39	18 33	1 25	12 54	16 22	20 1	20 18	13 5			n.a.
F 17	5 20	21 27	2 10	12 38	2 4	0 21	0 43	24 32	0 54	7 52	1 13	13 3	2 4	22 54	0 39	18 32	1 25	12 54	16 22	20 1	20 19	13 7			n.a.
S 18	4 57	21 15	1 6	11 53	1 59	0n11	0 41	24 31	0 56	7 47	1 13	13 0	2 5	22 54	0 39	18 32	1 25	12 55	16 23	20 1	20 19	13 9			n.a.
S 19	4 34	19 56	0n 3	11 5	1 54	0 43	0 39	24 30	0 57	7 41	1 13	12 58	2 5	22 54	0 39	18 32	1 25	12 56	16 23	20 1	20 20	13 11			n.a.
M20	4 11	17 31	1 14	10 16	1 49	1 14	0 37	24 28	0 58	7 35	1 13	12 55	2 5	22 54	0 39	18 32	1 25	12 57	16 23	20 1	20 21	13 13			n.a.
T 21	3 48	14 3	2 22	9 26	1 43	1 46	0 35	24 27	1 0	7 30	1 13	12 52	2 5	22 54	0 39	18 32	1 25	12 57	16 23	20 2	20 21	13 15			n.a.
W22	3 24	9 43	3 24	8 34	1 36	2 18	0 32	24 25	1 1	7 24	1 13	12 50	2 5	22 54	0 39	18 32	1 25	12 58	16 23	20 3	20 22	13 17			n.a.
T 23	3 1	4 44	4 15	7 40	1 29	2 49	0 30	24 22	1 2	7 19	1 13	12 47	2 5	22 54	0 39	18 32	1 25	12 59	16 23	20 4	20 23	13 19			n.a.
F 24	2 38	0s36	4 49	6 45	1 21	3 21	0 28	24 20	1 3	7 13	1 13	12 45	2 5	22 54	0 39	18 32	1 25	12 59	16 23	20 6	20 23	13 21			n.a.
S 25	2 14	5 55	5 5	5 49	1 13	3 52	0 25	24 17	1 5	7 8	1 13	12 42	2 5	22 54	0 39	18 32	1 25	13 0	16 23	20 8	20 24	13 24			n.a.
S 26	1 51	10 55	5 1	4 51	1 5	4 24	0 23	24 14	1 6	7 2	1 13	12 39	2 5	22 55	0 39	18 31	1 25	13 1	16 23	20 9	20 25	13 26			n.a.
M27	1 28	15 13	4 37	3 53	0 56	4 55	0 21	24 11	1 7	6 56	1 14	12 37	2 5	22 55	0 39	18 31	1 25	13 2	16 23	20 11	20 26	13 28			n.a.
T 28	1 4	18 33	3 56	2 53	0 46	5 26	0 18	24 7	1 9	6 51	1 14	12 34	2 6	22 55	0 39	18 31	1 26	13 2	16 23	20 11	20 26	13 30			n.a.
W29	0 41	20 43	3 1	1 52	0 37	5 57	0 16	24 4	1 10	6 45	1 14	12 32	2 6	22 55	0 39	18 31	1 26	13 3	16 23	20 12	20 27	13 32			n.a.
T 30	0 18	21 34	1 56	0 51	0 27	6 28	0 13	24 0	1 11	6 40	1 14	12 29	2 6	22 55	0 39	18 31	1 26	13 4	16 23	20 12	20 28	13 34			n.a.
F 31	0n 6	21s 8	0n46	0n11	0s16	6n59	0s11	23s56	1s13	6s34	1s14	12s27	2s 6	22n55	0n39	18s31	1n26	13n 4	16n23	20n11	20n28	13n36			n.a.

Julian Day Number = 1363902.5, Delta T = 06h56m33s
Ecliptic obliquity = 23°48'39, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°35'21, Lahiri = -17°28'21 Julian Calendar 1 March 979 BCE == Greg. Calendar 20 Feb. 979 BCE

The year -978 astronomical counting style corresponds to year 979 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 979 BCE
geocentric

APRIL 979 BCE (-978) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 58 24	1♈12'04	5♒54	3♈13	19♈11	17♉37	16♓39	3♓18	20°R 9	27°R27	4°R43	1°R15	29♋55	20♉56	n.a.	S 1
S 2	12 2 21	2° 9'55	19° 0	5°23	20°24	18°20	16°53	3°25	20♋ 8	27♏26	4♎41	1♌14	29°52	21° 2	n.a.	S 2
M 3	12 6 17	3° 7'44	1♓53	7°33	21°37	19° 3	17° 7	3°32	20° 8	27°25	4°39	1°10	29°49	21° 9	n.a.	M 3
T 4	12 10 14	4° 5'32	14°35	9°43	22°51	19°46	17°21	3°39	20° 8	27°25	4°38	1° 3	29°46	21°16	n.a.	T 4
W 5	12 14 10	5° 3'18	27° 6	11°51	24° 4	20°30	17°35	3°46	20° 8	27°24	4°36	0°55	29°42	21°23	n.a.	W 5
T 6	12 18 7	6° 1'03	9♈28	13°59	25°17	21°13	17°49	3°53	20° 8	27°23	4°34	0°44	29°39	21°29	n.a.	T 6
F 7	12 22 4	6°58'46	21°40	16° 6	26°31	21°56	18° 3	4° 0	20°D 8	27°22	4°32	0°32	29°36	21°36	n.a.	F 7
S 8	12 26 0	7°56'28	3♉44	18°11	27°44	22°39	18°17	4° 7	20° 8	27°21	4°31	0°19	29°33	21°43	n.a.	S 8
S 9	12 29 57	8°54'08	15°40	20°14	28°57	23°22	18°31	4°14	20° 8	27°20	4°29	0° 8	29°30	21°49	n.a.	S 9
M10	12 33 53	9°51'47	27°32	22°15	0♉10	24° 5	18°44	4°20	20° 8	27°19	4°27	29♋59	29°27	21°56	n.a.	M10
T 11	12 37 50	10°49'24	9♊23	24°14	1°23	24°47	18°58	4°27	20° 8	27°18	4°26	29°53	29°23	22° 3	n.a.	T 11
W12	12 41 46	11°47'00	21°15	26°10	2°36	25°30	19°12	4°34	20° 8	27°17	4°24	29°48	29°20	22°10	n.a.	W12
T 13	12 45 43	12°44'33	3♋13	28° 4	3°50	26°13	19°26	4°40	20° 9	27°16	4°22	29°47	29°17	22°16	n.a.	T 13
F 14	12 49 39	13°42'06	15°23	29°55	5° 3	26°56	19°39	4°47	20° 9	27°15	4°21	29°D46	29°14	22°23	n.a.	F 14
S 15	12 53 36	14°39'37	27°49	1♉43	6°16	27°38	19°53	4°53	20° 9	27°14	4°19	29°R46	29°11	22°30	n.a.	S 15
S 16	12 57 33	15°37'06	10♌37	3°29	7°29	28°21	20° 7	5° 0	20°10	27°13	4°17	29°46	29° 7	22°36	n.a.	S 16
M17	13 1 29	16°34'33	23°51	5°11	8°42	29° 3	20°20	5° 6	20°10	27°12	4°16	29°44	29° 4	22°43	n.a.	M17
T 18	13 5 26	17°32'00	7♍33	6°51	9°55	29°46	20°34	5°13	20°11	27°11	4°14	29°40	29° 1	22°50	n.a.	T 18
W19	13 9 22	18°29'24	21°44	8°27	11° 7	0♒28	20°47	5°19	20°12	27°10	4°13	29°33	28°58	22°57	n.a.	W19
T 20	13 13 19	19°26'48	6♎20	10° 1	12°20	1°11	21° 1	5°25	20°12	27° 9	4°11	29°24	28°55	23° 3	n.a.	T 20
F 21	13 17 15	20°24'10	21°16	11°31	13°33	1°53	21°14	5°31	20°13	27° 8	4° 9	29°14	28°52	23°10	n.a.	F 21
S 22	13 21 12	21°21'31	6♏23	12°58	14°46	2°35	21°27	5°38	20°14	27° 6	4° 8	29° 3	28°48	23°17	n.a.	S 22
S 23	13 25 8	22°18'51	21°30	14°22	15°59	3°18	21°41	5°44	20°15	27° 5	4° 6	28°53	28°45	23°23	n.a.	S 23
M24	13 29 5	23°16'11	6♐28	15°42	17°12	4° 0	21°54	5°50	20°15	27° 4	4° 5	28°45	28°42	23°30	n.a.	M24
T 25	13 33 2	24°13'30	21° 8	17° 0	18°24	4°42	22° 7	5°56	20°16	27° 3	4° 3	28°40	28°39	23°37	n.a.	T 25
W26	13 36 58	25°10'48	5♑26	18°13	19°37	5°24	22°20	6° 2	20°17	27° 1	4° 1	28°38	28°36	23°44	n.a.	W26
T 27	13 40 55	26° 8'05	19°21	19°24	20°50	6° 6	22°33	6° 7	20°18	27° 0	4° 0	28°37	28°32	23°50	n.a.	T 27
F 28	13 44 51	27° 5'22	2♒52	20°31	22° 2	6°48	22°46	6°13	20°19	26°59	3°58	28°37	28°29	23°57	n.a.	F 28
S 29	13 48 48	28° 2'38	16° 4	21°35	23°15	7°29	22°59	6°19	20°21	26°57	3°57	28°36	28°26	24° 4	n.a.	S 29
S 30	13 52 44	28♈59'53	28♒57	22♉35	24♉27	8♒11	23♓12	6♓25	20♋22	26♏56	3♎55	28♋34	28♋23	24♉10	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n29	19s29	0s25	1n13	0s 6	7n30	0s 8	23s51	1s14	6s29	1s14	12s24	2s 6	22n55	0n39	18s30	1n26	13n 5	16n23	20n11	20n29	13n38		n.a.
S 2	0 52	16 50	1 33	2 15	0n 5	8 0	0 6	23 47	1 15	6 23	1 14	12 22	2 6	22 55	0 39	18 30	1 26	13 6	16 23	20 12	20 30	13 40		n.a.
M 3	1 16	13 23	2 36	3 17	0 16	8 30	0 3	23 42	1 17	6 18	1 14	12 19	2 6	22 55	0 39	18 30	1 26	13 6	16 23	20 13	20 30	13 42		n.a.
T 4	1 39	9 22	3 29	4 18	0 26	9 0	0 1	23 37	1 18	6 12	1 14	12 17	2 7	22 55	0 39	18 30	1 26	13 7	16 23	20 14	20 31	13 44		n.a.
W 5	2 2	5 1	4 12	5 19	0 37	9 30	0n 2	23 32	1 20	6 7	1 14	12 14	2 7	22 55	0 39	18 30	1 26	13 8	16 23	20 16	20 32	13 46		n.a.
T 6	2 26	0 30	4 42	6 19	0 47	10 0	0 4	23 26	1 21	6 1	1 14	12 12	2 7	22 55	0 39	18 29	1 26	13 8	16 23	20 18	20 32	13 48		n.a.
F 7	2 49	3n58	4 59	7 18	0 57	10 29	0 7	23 21	1 22	5 56	1 14	12 10	2 7	22 55	0 39	18 29	1 26	13 9	16 23	20 21	20 33	13 50		n.a.
S 8	3 12	8 14	5 2	8 16	1 7	10 59	0 10	23 15	1 24	5 50	1 14	12 7	2 7	22 55	0 39	18 29	1 26	13 9	16 23	20 24	20 34	13 52		n.a.
S 9	3 35	12 9	4 51	9 12	1 17	11 28	0 12	23 9	1 25	5 45	1 14	12 5	2 7	22 55	0 39	18 29	1 26	13 10	16 23	20 26	20 34	13 54		n.a.
M10	3 58	15 34	4 28	10 7	1 26	11 56	0 15	23 3	1 26	5 39	1 14	12 2	2 7	22 55	0 39	18 28	1 26	13 11	16 23	20 28	20 35	13 56		n.a.
T 11	4 21	18 21	3 54	11 0	1 35	12 25	0 17	22 56	1 28	5 34	1 14	12 0	2 8	22 55	0 39	18 28	1 26	13 11	16 23	20 29	20 36	13 58		n.a.
W12	4 44	20 22	3 9	11 51	1 43	12 53	0 20	22 50	1 29	5 28	1 14	11 58	2 8	22 55	0 39	18 28	1 26	13 12	16 23	20 30	20 36	14 1		n.a.
T 13	5 7	21 30	2 16	12 40	1 50	13 21	0 23	22 43	1 31	5 23	1 14	11 55	2 8	22 54	0 39	18 28	1 26	13 12	16 23	20 31	20 37	14 3		n.a.
F 14	5 29	21 39	1 16	13 26	1 57	13 48	0 25	22 36	1 32	5 18	1 14	11 53	2 8	22 54	0 38	18 27	1 26	13 13	16 23	20 31	20 38	14 5		n.a.
S 15	5 52	20 45	0 10	14 11	2 3	14 15	0 28	22 29	1 33	5 12	1 14	11 51	2 8	22 54	0 38	18 27	1 26	13 13	16 22	20 31	20 38	14 7		n.a.
S 16	6 14	18 46	0n57	14 53	2 9	14 42	0 30	22 22	1 35	5 7	1 15	11 49	2 8	22 54	0 38	18 27	1 26	13 14	16 22	20 31	20 39	14 9		n.a.
M17	6 37	15 43	2 4	15 33	2 13	15 8	0 33	22 14	1 36	5 2	1 15	11 46	2 9	22 54	0 38	18 27	1 26	13 14	16 22	20 31	20 40	14 11		n.a.
T 18	6 59	11 44	3 6	16 10	2 18	15 34	0 36	22 6	1 38	4 56	1 15	11 44	2 9	22 54	0 38	18 26	1 26	13 15	16 22	20 32	20 40	14 13		n.a.
W19	7 21	6 58	3 58	16 46	2 21	16 0	0 38	21 58	1 39	4 51	1 15	11 42	2 9	22 54	0 38	18 26	1 26	13 15	16 22	20 34	20 41	14 15		n.a.
T 20	7 43	1 40	4 37	17 18	2 23	16 25	0 41	21 50	1 41	4 46	1 15	11 40	2 9	22 54	0 38	18 26	1 26	13 16	16 22	20 36	20 42	14 17		n.a.
F 21	8 5	3s50	4 58	17 49	2 25	16 50	0 43	21 42	1 42	4 40	1 15	11 38	2 9	22 54	0 38	18 25	1 26	13 16	16 21	20 38	20 42	14 19		n.a.
S 22	8 27	9 10	4 58	18 17	2 26	17 15	0 46	21 34	1 43	4 35	1 15	11 36	2 9	22 53	0 38	18 25	1 26	13 17	16 21	20 40	20 43	14 21		n.a.
S 23	8 49	13 57	4 38	18 43	2 26	17 39	0 48	21 25	1 45	4 30	1 15	11 33	2 10	22 53	0 38	18 25	1 26	13 17	16 21	20 42	20 44	14 23		n.a.
M24	9 11	17 48	3 59	19 7	2 26	18 2	0 51	21 16	1 46	4 25	1 15	11 31	2 10	22 53	0 38	18 24	1 26	13 18	16 21	20 44	20 44	14 25		n.a.
T 25	9 32	20 27	3 4	19 28	2 24	18 25	0 53	21 7	1 48	4 19	1 15	11 29	2 10	22 53	0 38	18 24	1 26	13 18	16 20	20 45	20 45	14 27		n.a.
W26	9 53	21 43	1 59	19 48	2 22	18 48	0 56	20 58	1 49	4 14	1 15	11 27	2 10	22 53	0 38	18 24	1 26	13 18	16 20	20 45	20 46	14 29		n.a.
T 27	10 15	21 35	0 49	20 5	2 19	19 10	0 58	20 49	1 50	4 9	1 15	11 25	2 10	22 53	0 38	18 24	1 26	13 19	16 20	20 45	20 46	14 31		n.a.
F 28	10 36	20 11	0s23	20 19	2 15	19 32	1 0	20 40	1 52	4 4	1 16	11 23	2 11	22 52	0 38	18 23	1 26	13 19	16 20	20 45	20 47	14 33		n.a.
S 29	10 56	17 43	1 31	20 32	2 10	19 53	1 3	20 30	1 53	3 59	1 16	11 21	2 11	22 52	0 38	18 23	1 26	13 19	16 19	20 46	20 48	14 35		n.a.
S 30	11n17	14s24	2s33	20n43	2n 5	20n14	1n 5	20s21	1s55	3s54	1s16	11s19	2s11	22n52	0n38	18s23	1n26	13n20	16n19	20n46	20n48	14n37		n.a.

Julian Day Number = 1363933.5, Delta T = 06h56m31s
Ecliptic obliquity = 23°48'39, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°35'17, Lahiri = -17°28'17 Julian Calendar 1 Apr. 979 BCE == Greg. Calendar 23 March 979 BCE

The year -978 astronomical counting style corresponds to year 979 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 979 BCE
geocentric

MAY 979 BCE (-978) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 56 41	29♈57'08	11♓36	23♉31	25♉40	8♒53	23♓25	6♓30	20♋23	26°R54	3°R54	28°R29	28♋20	24♉17	n.a.	M 1
T 2	14 0 37	0♉54'22	24° 3	24°23	26°53	9°34	23°38	6°36	20°24	26♏53	3♎53	28♋22	28°17	24°24	n.a.	T 2
W 3	14 4 34	1°51'36	6♈20	25°12	28° 5	10°16	23°50	6°41	20°26	26°52	3°51	28°12	28°13	24°31	n.a.	W 3
T 4	14 8 31	2°48'49	18°29	25°57	29°17	10°57	24° 3	6°47	20°27	26°50	3°50	27°59	28°10	24°37	n.a.	T 4
F 5	14 12 27	3°46'01	0♉31	26°38	0♊30	11°39	24°16	6°52	20°29	26°49	3°48	27°46	28° 7	24°44	n.a.	F 5
S 6	14 16 24	4°43'13	12°28	27°15	1°42	12°20	24°28	6°57	20°30	26°47	3°47	27°32	28° 4	24°51	n.a.	S 6
S 7	14 20 20	5°40'24	24°21	27°47	2°55	13° 1	24°41	7° 2	20°32	26°46	3°45	27°19	28° 1	24°57	n.a.	S 7
M 8	14 24 17	6°37'35	6♊11	28°16	4° 7	13°42	24°53	7° 8	20°33	26°44	3°44	27° 9	27°58	25° 4	n.a.	M 8
T 9	14 28 13	7°34'45	18° 1	28°40	5°19	14°23	25° 5	7°13	20°35	26°43	3°43	27° 1	27°54	25°11	n.a.	T 9
W10	14 32 10	8°31'54	29°53	28°59	6°32	15° 3	25°18	7°18	20°36	26°41	3°42	26°56	27°51	25°17	n.a.	W10
T 11	14 36 6	9°29'03	11♋51	29°14	7°44	15°44	25°30	7°23	20°38	26°40	3°40	26°53	27°48	25°24	n.a.	T 11
F 12	14 40 3	10°26'11	24° 1	29°25	8°56	16°25	25°42	7°27	20°40	26°38	3°39	26°D52	27°45	25°31	n.a.	F 12
S 13	14 44 0	11°23'18	6♌25	29°31	10° 8	17° 5	25°54	7°32	20°42	26°37	3°38	26°R52	27°42	25°38	n.a.	S 13
S 14	14 47 56	12°20'24	19°10	29°R32	11°20	17°45	26° 6	7°37	20°44	26°35	3°36	26°52	27°38	25°44	n.a.	S 14
M15	14 51 53	13°17'30	2♍19	29°29	12°32	18°26	26°18	7°41	20°46	26°34	3°35	26°51	27°35	25°51	n.a.	M15
T 16	14 55 49	14°14'35	15°58	29°22	13°44	19° 6	26°29	7°46	20°48	26°32	3°34	26°47	27°32	25°58	n.a.	T 16
W17	14 59 46	15°11'40	0♎ 5	29°10	14°56	19°46	26°41	7°50	20°50	26°31	3°33	26°42	27°29	26° 4	n.a.	W17
T 18	15 3 42	16° 8'44	14°42	28°54	16° 8	20°26	26°53	7°55	20°52	26°29	3°32	26°34	27°26	26°11	n.a.	T 18
F 19	15 7 39	17° 5'48	29°41	28°34	17°20	21° 5	27° 4	7°59	20°54	26°27	3°31	26°24	27°23	26°18	n.a.	F 19
S 20	15 11 36	18° 2'51	14♏55	28°10	18°32	21°45	27°16	8° 3	20°56	26°26	3°30	26°15	27°19	26°25	n.a.	S 20
S 21	15 15 32	18°59'55	0♐14	27°43	19°44	22°24	27°27	8° 7	20°58	26°24	3°29	26° 6	27°16	26°31	n.a.	S 21
M22	15 19 29	19°56'58	15°25	27°13	20°56	23° 4	27°38	8°11	21° 0	26°23	3°28	25°59	27°13	26°38	n.a.	M22
T 23	15 23 25	20°54'01	0♑19	26°41	22° 7	23°43	27°49	8°15	21° 3	26°21	3°27	25°54	27°10	26°45	n.a.	T 23
W24	15 27 22	21°51'05	14°50	26° 7	23°19	24°22	28° 1	8°19	21° 5	26°19	3°26	25°52	27° 7	26°51	n.a.	W24
T 25	15 31 18	22°48'09	28°54	25°32	24°31	25° 1	28°12	8°23	21° 7	26°18	3°25	25°D52	27° 4	26°58	n.a.	T 25
F 26	15 35 15	23°45'13	12♒32	24°55	25°42	25°40	28°22	8°27	21°10	26°16	3°24	25°52	27° 0	27° 5	n.a.	F 26
S 27	15 39 11	24°42'18	25°45	24°19	26°54	26°18	28°33	8°30	21°12	26°15	3°23	25°R52	26°57	27°11	n.a.	S 27
S 28	15 43 8	25°39'22	8♓35	23°43	28° 6	26°57	28°44	8°34	21°14	26°13	3°22	25°52	26°54	27°18	n.a.	S 28
M29	15 47 5	26°36'27	21° 8	23° 9	29°17	27°35	28°55	8°37	21°17	26°11	3°21	25°49	26°51	27°25	n.a.	M29
T 30	15 51 1	27°33'33	3♈27	22°35	0♋29	28°13	29° 5	8°41	21°20	26°10	3°20	25°44	26°48	27°32	n.a.	T 30
W31	15 54 58	28♉30'39	15♈36	22♉ 5	1♋40	28♒51	29♓15	8♓44	21♋22	26♏ 8	3♎20	25♋36	26♋44	27♉38	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	11n38	10s29	3s26	20n51	1n59	20n34	1n 7	20s11	1s56	3s49	1s16	11s17	2s11	22n52	0n38	18s22	1n26	13n20	16n19	20n47	20n49	14n39			n.a.
T 2	11 58	6 11	4 8	20 58	1 52	20 53	1 9	20 1	1 58	3 44	1 16	11 16	2 12	22 52	0 38	18 22	1 26	13 20	16 19	20 49	20 50	14 41			n.a.
W 3	12 18	1 42	4 39	21 2	1 44	21 12	1 12	19 51	1 59	3 39	1 16	11 14	2 12	22 51	0 38	18 22	1 26	13 21	16 18	20 51	20 50	14 43			n.a.
T 4	12 38	2n48	4 56	21 5	1 35	21 31	1 14	19 41	2 1	3 34	1 16	11 12	2 12	22 51	0 38	18 21	1 26	13 21	16 18	20 53	20 51	14 45			n.a.
F 5	12 58	7 10	4 59	21 5	1 25	21 48	1 16	19 31	2 2	3 29	1 16	11 10	2 12	22 51	0 38	18 21	1 26	13 21	16 18	20 56	20 52	14 47			n.a.
S 6	13 18	11 13	4 50	21 4	1 15	22 6	1 18	19 20	2 3	3 24	1 16	11 8	2 12	22 51	0 38	18 20	1 26	13 21	16 17	20 59	20 52	14 49			n.a.
S 7	13 37	14 50	4 28	21 1	1 4	22 22	1 20	19 10	2 5	3 19	1 17	11 6	2 13	22 50	0 38	18 20	1 26	13 22	16 17	21 1	20 53	14 51			n.a.
M 8	13 56	17 50	3 54	20 56	0 52	22 38	1 22	18 59	2 6	3 14	1 17	11 5	2 13	22 50	0 38	18 20	1 26	13 22	16 17	21 3	20 53	14 53			n.a.
T 9	14 15	20 6	3 10	20 49	0 40	22 54	1 24	18 48	2 8	3 9	1 17	11 3	2 13	22 50	0 38	18 19	1 26	13 22	16 16	21 5	20 54	14 55			n.a.
W10	14 34	21 31	2 18	20 40	0 26	23 9	1 26	18 38	2 9	3 4	1 17	11 1	2 13	22 49	0 38	18 19	1 26	13 22	16 16	21 6	20 55	14 57			n.a.
T 11	14 52	21 58	1 19	20 30	0 13	23 23	1 28	18 27	2 11	3 0	1 17	11 0	2 14	22 49	0 38	18 19	1 26	13 23	16 15	21 6	20 55	14 59			n.a.
F 12	15 11	21 24	0 15	20 18	0s 2	23 36	1 29	18 16	2 12	2 55	1 17	10 58	2 14	22 49	0 38	18 18	1 26	13 23	16 15	21 7	20 56	15 1			n.a.
S 13	15 29	19 46	0n50	20 5	0 17	23 49	1 31	18 4	2 14	2 50	1 17	10 57	2 14	22 49	0 38	18 18	1 26	13 23	16 15	21 6	20 57	15 3			n.a.
S 14	15 47	17 8	1 55	19 50	0 32	24 1	1 33	17 53	2 15	2 45	1 17	10 55	2 14	22 48	0 38	18 18	1 26	13 23	16 14	21 7	20 57	15 5			n.a.
M15	16 4	13 33	2 56	19 34	0 48	24 13	1 34	17 42	2 16	2 41	1 18	10 53	2 15	22 48	0 38	18 17	1 26	13 23	16 14	21 7	20 58	15 7			n.a.
T 16	16 22	9 8	3 50	19 17	1 4	24 23	1 36	17 30	2 18	2 36	1 18	10 52	2 15	22 48	0 38	18 17	1 26	13 23	16 14	21 7	20 59	15 9			n.a.
W17	16 39	4 6	4 31	18 58	1 21	24 34	1 37	17 19	2 19	2 32	1 18	10 50	2 15	22 47	0 38	18 16	1 26	13 23	16 13	21 9	20 59	15 11			n.a.
T 18	16 56	1s20	4 56	18 39	1 37	24 43	1 39	17 7	2 21	2 27	1 18	10 49	2 15	22 47	0 38	18 16	1 26	13 23	16 13	21 10	21 0	15 13			n.a.
F 19	17 12	6 50	5 2	18 18	1 54	24 52	1 40	16 56	2 22	2 22	1 18	10 48	2 16	22 47	0 38	18 16	1 26	13 23	16 12	21 12	21 1	15 15			n.a.
S 20	17 28	12 0	4 47	17 57	2 10	25 0	1 42	16 44	2 24	2 18	1 18	10 46	2 16	22 46	0 38	18 15	1 26	13 23	16 12	21 14	21 1	15 17			n.a.
S 21	17 44	16 25	4 11	17 36	2 26	25 7	1 43	16 32	2 25	2 14	1 18	10 45	2 16	22 46	0 37	18 15	1 26	13 23	16 11	21 15	21 2	15 19			n.a.
M22	18 0	19 43	3 18	17 14	2 41	25 13	1 44	16 21	2 27	2 9	1 19	10 44	2 16	22 45	0 37	18 15	1 26	13 23	16 11	21 17	21 2	15 21			n.a.
T 23	18 16	21 37	2 12	16 52	2 56	25 19	1 45	16 9	2 28	2 5	1 19	10 42	2 17	22 45	0 37	18 14	1 26	13 23	16 10	21 18	21 3	15 23			n.a.
W24	18 31	22 0	0 58	16 30	3 10	25 24	1 46	15 57	2 29	2 0	1 19	10 41	2 17	22 45	0 37	18 14	1 26	13 23	16 10	21 18	21 4	15 24			n.a.
T 25	18 46	20 58	0s16	16 9	3 23	25 29	1 47	15 45	2 31	1 56	1 19	10 40	2 17	22 44	0 37	18 13	1 26	13 23	16 10	21 18	21 4	15 26			n.a.
F 26	19 0	18 43	1 28	15 49	3 35	25 32	1 48	15 33	2 32	1 52	1 19	10 39	2 17	22 44	0 37	18 13	1 26	13 23	16 9	21 18	21 5	15 28			n.a.
S 27	19 14	15 31	2 32	15 30	3 46	25 35	1 49	15 21	2 34	1 48	1 19	10 38	2 18	22 44	0 37	18 13	1 26	13 23	16 9	21 18	21 6	15 30			n.a.
S 28	19 28	11 40	3 28	15 12	3 55	25 37	1 49	15 9	2 35	1 43	1 20	10 37	2 18	22 43	0 37	18 12	1 26	13 23	16 8	21 18	21 6	15 32			n.a.
M29	19 42	7 24	4 11	14 55	4 4	25 38	1 50	14 57	2 37	1 39	1 20	10 36	2 18	22 43	0 37	18 12	1 26	13 23	16 8	21 19	21 7	15 34			n.a.
T 30	19 55	2 55	4 42	14 40	4 10	25 39	1 51	14 44	2 38	1 35	1 20	10 34	2 18	22 42	0 37	18 12	1 26	13 23	16 7	21 20	21 7	15 36			n.a.
W31	20n 8	1n37	5s 0	14n27	4s16	25n39	1n51	14s32	2s39	1s31	1s20	10s34	2s19	22n42	0n37	18s11	1n26	13n23	16n 7	21n21	21n 8	15n38			n.a.

Julian Day Number = 1363963.5, Delta T = 06h56m30s
Ecliptic obliquity = 23°48'39, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°35'13, Lahiri = -17°28'12 Julian Calendar 1 May 979 BCE == Greg. Calendar 22 Apr. 979 BCE

The year -978 astronomical counting style corresponds to year 979 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 979 BCE
geocentric

JUNE 979 BCE (-978) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 58 54	29♉27'45	27♈36	21°R37	2♋51	29♒29	29♓26	8♓47	21♋25	26°R 6	3°R19	25°R27	26♋41	27♉45	n.a.	T 1
F 2	16 2 51	0♊24'52	9♉32	21♉12	4° 3	0♓ 7	29°36	8°50	21°27	26♏ 5	3♎18	25♋17	26°38	27°52	n.a.	F 2
S 3	16 6 47	1°21'59	21°24	20°51	5°14	0°44	29°46	8°53	21°30	26° 3	3°18	25° 7	26°35	27°58	n.a.	S 3
S 4	16 10 44	2°19'07	3♊14	20°35	6°25	1°21	29°56	8°56	21°33	26° 2	3°17	24°57	26°32	28° 5	n.a.	S 4
M 5	16 14 40	3°16'15	15° 5	20°23	7°36	1°59	0♈ 6	8°59	21°36	26° 0	3°16	24°49	26°29	28°12	n.a.	M 5
T 6	16 18 37	4°13'23	26°58	20°15	8°48	2°35	0°16	9° 1	21°38	25°58	3°16	24°44	26°25	28°19	n.a.	T 6
W 7	16 22 34	5°10'32	8♋55	20°D13	9°59	3°12	0°25	9° 4	21°41	25°57	3°15	24°40	26°22	28°25	n.a.	W 7
T 8	16 26 30	6° 7'41	20°58	20°16	11°10	3°49	0°35	9° 6	21°44	25°55	3°15	24°D39	26°19	28°32	n.a.	T 8
F 9	16 30 27	7° 4'50	3♌12	20°24	12°21	4°25	0°44	9° 9	21°47	25°54	3°14	24°39	26°16	28°39	n.a.	F 9
S 10	16 34 23	8° 2'00	15°39	20°38	13°32	5° 1	0°53	9°11	21°50	25°52	3°14	24°40	26°13	28°45	n.a.	S 10
S 11	16 38 20	8°59'10	28°25	20°57	14°42	5°37	1° 3	9°13	21°53	25°50	3°13	24°41	26°10	28°52	n.a.	S 11
M12	16 42 16	9°56'20	11♍32	21°22	15°53	6°12	1°12	9°15	21°56	25°49	3°13	24°R42	26° 6	28°59	n.a.	M12
T 13	16 46 13	10°53'30	25° 4	21°52	17° 4	6°48	1°21	9°17	21°59	25°47	3°12	24°41	26° 3	29° 5	n.a.	T 13
W14	16 50 10	11°50'41	9♎ 3	22°28	18°15	7°23	1°29	9°19	22° 2	25°46	3°12	24°38	26° 0	29°12	n.a.	W14
T 15	16 54 6	12°47'52	23°29	23° 9	19°25	7°58	1°38	9°21	22° 5	25°44	3°12	24°34	25°57	29°19	n.a.	T 15
F 16	16 58 3	13°45'04	8♏18	23°56	20°36	8°32	1°47	9°23	22° 8	25°43	3°12	24°29	25°54	29°26	n.a.	F 16
S 17	17 1 59	14°42'17	23°24	24°48	21°46	9° 7	1°55	9°24	22°11	25°41	3°11	24°23	25°50	29°32	n.a.	S 17
S 18	17 5 56	15°39'30	8♐38	25°46	22°57	9°41	2° 3	9°26	22°15	25°40	3°11	24°17	25°47	29°39	n.a.	S 18
M19	17 9 52	16°36'44	23°49	26°48	24° 7	10°15	2°11	9°27	22°18	25°38	3°11	24°13	25°44	29°46	n.a.	M19
T 20	17 13 49	17°33'59	8♑47	27°56	25°17	10°49	2°19	9°29	22°21	25°37	3°11	24°11	25°41	29°52	n.a.	T 20
W21	17 17 45	18°31'14	23°25	29° 9	26°28	11°22	2°27	9°30	22°24	25°35	3°11	24°D10	25°38	29°59	n.a.	W21
T 22	17 21 42	19°28'31	7♒38	0♊27	27°38	11°55	2°35	9°31	22°28	25°34	3°11	24°11	25°35	0♊ 6	n.a.	T 22
F 23	17 25 39	20°25'49	21°24	1°50	28°48	12°28	2°42	9°32	22°31	25°32	3°D11	24°12	25°31	0°12	n.a.	F 23
S 24	17 29 35	21°23'09	4♓43	3°18	29°58	13° 1	2°50	9°33	22°34	25°31	3°11	24°13	25°28	0°19	n.a.	S 24
S 25	17 33 32	22°20'29	17°37	4°49	1♌ 8	13°33	2°57	9°34	22°38	25°30	3°11	24°R14	25°25	0°26	n.a.	S 25
M26	17 37 28	23°17'51	0♈11	6°26	2°18	14° 5	3° 4	9°34	22°41	25°28	3°11	24°14	25°22	0°33	n.a.	M26
T 27	17 41 25	24°15'14	12°29	8° 6	3°27	14°37	3°11	9°35	22°45	25°27	3°11	24°13	25°19	0°39	n.a.	T 27
W28	17 45 21	25°12'39	24°34	9°50	4°37	15° 8	3°18	9°35	22°48	25°25	3°11	24°10	25°15	0°46	n.a.	W28
T 29	17 49 18	26°10'05	6♉31	11°37	5°47	15°39	3°25	9°36	22°51	25°24	3°11	24° 6	25°12	0°53	n.a.	T 29
F 30	17 53 15	27♊ 7'32	18♉23	13♊27	6♌56	16♓10	3♈31	9♓36	22♋55	25♏23	3♎11	24♋ 2	25♋ 9	0♊59	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n21	6n 3	5s 5	14n17	4s19	25n38	1n51	14s20	2s41	1s27	1s20	10s33	2s19	22n41	0n37	18s11	1n26	13n22	16n 6	21n23	21n 9	15n40		n.a.
F 2	20 33	10 13	4 56	14 8	4 22	25 37	1 52	14 8	2 42	1 23	1 20	10 32	2 19	22 41	0 37	18 11	1 26	13 22	16 6	21 25	21 9	15 42		n.a.
S 3	20 45	13 59	4 34	14 2	4 22	25 34	1 52	13 56	2 44	1 19	1 21	10 31	2 20	22 40	0 37	18 10	1 26	13 22	16 5	21 27	21 10	15 44		n.a.
S 4	20 57	17 12	4 0	13 58	4 22	25 31	1 52	13 43	2 45	1 16	1 21	10 30	2 20	22 40	0 37	18 10	1 26	13 22	16 5	21 28	21 10	15 46		n.a.
M 5	21 8	19 43	3 16	13 57	4 20	25 27	1 52	13 31	2 47	1 12	1 21	10 29	2 20	22 40	0 37	18 9	1 26	13 22	16 4	21 30	21 11	15 48		n.a.
T 6	21 19	21 23	2 23	13 58	4 16	25 23	1 52	13 19	2 48	1 8	1 21	10 28	2 20	22 39	0 37	18 9	1 26	13 21	16 3	21 31	21 12	15 50		n.a.
W 7	21 30	22 7	1 24	14 2	4 12	25 17	1 52	13 7	2 49	1 4	1 21	10 28	2 21	22 39	0 37	18 9	1 26	13 21	16 3	21 31	21 12	15 52		n.a.
T 8	21 40	21 49	0 20	14 8	4 6	25 12	1 52	12 55	2 51	1 1	1 22	10 27	2 21	22 38	0 37	18 8	1 26	13 21	16 2	21 32	21 13	15 54		n.a.
F 9	21 50	20 29	0n46	14 17	3 59	25 5	1 52	12 42	2 52	0 57	1 22	10 26	2 21	22 38	0 37	18 8	1 26	13 21	16 2	21 32	21 14	15 56		n.a.
S 10	21 59	18 9	1 51	14 28	3 51	24 57	1 51	12 30	2 54	0 53	1 22	10 26	2 22	22 37	0 37	18 8	1 26	13 20	16 1	21 31	21 14	15 57		n.a.
S 11	22 8	14 54	2 52	14 42	3 42	24 49	1 51	12 18	2 55	0 50	1 22	10 25	2 22	22 37	0 37	18 7	1 26	13 20	16 1	21 31	21 15	15 59		n.a.
M12	22 17	10 49	3 46	14 58	3 33	24 40	1 50	12 6	2 56	0 46	1 22	10 25	2 22	22 36	0 37	18 7	1 26	13 20	16 0	21 31	21 15	16 1		n.a.
T 13	22 25	6 6	4 30	15 16	3 22	24 31	1 50	11 54	2 58	0 43	1 23	10 24	2 22	22 36	0 37	18 7	1 26	13 19	16 0	21 31	21 16	16 3		n.a.
W14	22 33	0 55	4 58	15 36	3 11	24 21	1 49	11 42	2 59	0 40	1 23	10 24	2 23	22 35	0 37	18 6	1 26	13 19	15 59	21 32	21 17	16 5		n.a.
T 15	22 41	4s28	5 10	15 58	2 59	24 10	1 48	11 30	3 1	0 36	1 23	10 23	2 23	22 35	0 37	18 6	1 26	13 18	15 59	21 32	21 17	16 7		n.a.
F 16	22 48	9 45	5 1	16 21	2 47	23 58	1 47	11 18	3 2	0 33	1 23	10 23	2 23	22 34	0 37	18 6	1 26	13 18	15 58	21 33	21 18	16 9		n.a.
S 17	22 55	14 32	4 31	16 46	2 34	23 46	1 46	11 6	3 3	0 30	1 23	10 22	2 24	22 34	0 37	18 5	1 26	13 18	15 57	21 34	21 18	16 11		n.a.
S 18	23 2	18 25	3 42	17 13	2 21	23 33	1 45	10 54	3 5	0 27	1 24	10 22	2 24	22 33	0 37	18 5	1 26	13 17	15 57	21 35	21 19	16 13		n.a.
M19	23 8	21 2	2 38	17 41	2 8	23 20	1 44	10 42	3 6	0 24	1 24	10 22	2 24	22 32	0 37	18 5	1 26	13 17	15 56	21 36	21 20	16 15		n.a.
T 20	23 13	22 8	1 23	18 9	1 54	23 5	1 43	10 30	3 7	0 21	1 24	10 22	2 25	22 32	0 37	18 4	1 26	13 16	15 56	21 37	21 20	16 17		n.a.
W21	23 18	21 41	0 4	18 39	1 40	22 51	1 41	10 19	3 9	0 18	1 24	10 22	2 25	22 31	0 37	18 4	1 26	13 16	15 55	21 37	21 21	16 18		n.a.
T 22	23 23	19 49	1s13	19 9	1 27	22 35	1 40	10 7	3 10	0 15	1 24	10 21	2 25	22 31	0 37	18 4	1 26	13 15	15 55	21 37	21 21	16 20		n.a.
F 23	23 28	16 51	2 23	19 40	1 13	22 19	1 38	9 56	3 12	0 12	1 25	10 21	2 25	22 30	0 37	18 3	1 26	13 15	15 54	21 36	21 22	16 22		n.a.
S 24	23 32	13 5	3 23	20 11	0 59	22 3	1 37	9 44	3 13	0 9	1 25	10 21	2 26	22 30	0 37	18 3	1 26	13 14	15 53	21 36	21 23	16 24		n.a.
S 25	23 35	8 49	4 11	20 41	0 45	21 45	1 35	9 33	3 14	0 6	1 25	10 21	2 26	22 29	0 37	18 3	1 26	13 14	15 53	21 36	21 23	16 26		n.a.
M26	23 38	4 17	4 46	21 11	0 32	21 28	1 33	9 21	3 16	0 4	1 25	10 21	2 26	22 28	0 37	18 2	1 26	13 13	15 52	21 36	21 24	16 28		n.a.
T 27	23 41	0n19	5 6	21 41	0 19	21 9	1 31	9 10	3 17	0 1	1 26	10 21	2 27	22 28	0 37	18 2	1 26	13 13	15 52	21 36	21 24	16 30		n.a.
W28	23 43	4 49	5 13	22 10	0 6	20 51	1 29	8 59	3 18	0n 1	1 26	10 21	2 27	22 27	0 37	18 2	1 26	13 12	15 51	21 37	21 25	16 32		n.a.
T 29	23 45	9 6	5 6	22 37	0n 6	20 31	1 27	8 48	3 20	0 4	1 26	10 22	2 27	22 27	0 37	18 1	1 26	13 11	15 51	21 37	21 25	16 34		n.a.
F 30	23n47	13n 0	4s45	23n 4	0n18	20n11	1n25	8s37	3s21	0n 6	1s26	10s22	2s27	22n26	0n37	18s 1	1n26	13n11	15n50	21n38	21n26	16n35		n.a.

Julian Day Number = 1363994.5, Delta T = 06h56m28s
Ecliptic obliquity = 23°48'39, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°35'09, Lahiri = -17°28'08 Julian Calendar 1 June 979 BCE == Greg. Calendar 23 May 979 BCE

The year -978 astronomical counting style corresponds to year 979 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 979 BCE
geocentric

JULY 979 BCE (-978) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 57 11	28♊ 5'01	0♊13	15♊21	8♌ 6	16♓40	3♈38	9♓36	22♋58	25°R22	3♎12	23°R57	25♋ 6	1♊ 6	n.a.	S 1
S 2	18 1 8	29° 2'31	12° 5	17°16	9°15	17°10	3°44	9°R36	23° 2	25♏20	3°12	23♋53	25° 3	1°13	n.a.	S 2
M 3	18 5 4	0♋ 0'02	23°59	19°14	10°24	17°40	3°50	9°36	23° 5	25°19	3°12	23°50	25° 0	1°19	n.a.	M 3
T 4	18 9 1	0°57'35	5♋58	21°13	11°34	18° 9	3°56	9°36	23° 9	25°18	3°12	23°48	24°56	1°26	n.a.	T 4
W 5	18 12 57	1°55'09	18° 4	23°14	12°43	18°38	4° 2	9°35	23°13	25°16	3°13	23°D47	24°53	1°33	n.a.	W 5
T 6	18 16 54	2°52'44	0♌19	25°16	13°52	19° 7	4° 7	9°35	23°16	25°15	3°13	23°47	24°50	1°40	n.a.	T 6
F 7	18 20 50	3°50'21	12°45	27°18	15° 1	19°35	4°13	9°35	23°20	25°14	3°14	23°47	24°47	1°46	n.a.	F 7
S 8	18 24 47	4°47'59	25°24	29°21	16°10	20° 2	4°18	9°34	23°23	25°13	3°14	23°49	24°44	1°53	n.a.	S 8
S 9	18 28 44	5°45'37	8♍18	1♋24	17°18	20°30	4°23	9°33	23°27	25°12	3°15	23°50	24°41	2° 0	n.a.	S 9
M10	18 32 40	6°43'17	21°29	3°26	18°27	20°57	4°28	9°32	23°31	25°11	3°15	23°51	24°37	2° 6	n.a.	M10
T 11	18 36 37	7°40'59	5♎ 0	5°28	19°36	21°23	4°33	9°32	23°34	25°10	3°16	23°R52	24°34	2°13	n.a.	T 11
W12	18 40 33	8°38'41	18°52	7°30	20°44	21°49	4°37	9°31	23°38	25° 9	3°16	23°52	24°31	2°20	n.a.	W12
T 13	18 44 30	9°36'25	3♏ 5	9°31	21°52	22°15	4°42	9°29	23°42	25° 7	3°17	23°51	24°28	2°26	n.a.	T 13
F 14	18 48 26	10°34'10	17°36	11°31	23° 1	22°40	4°46	9°28	23°45	25° 6	3°18	23°49	24°25	2°33	n.a.	F 14
S 15	18 52 23	11°31'56	2♐23	13°30	24° 9	23° 5	4°50	9°27	23°49	25° 5	3°19	23°48	24°21	2°40	n.a.	S 15
S 16	18 56 19	12°29'44	17°17	15°27	25°17	23°29	4°54	9°25	23°53	25° 5	3°19	23°47	24°18	2°46	n.a.	S 16
M17	19 0 16	13°27'33	2♑13	17°24	26°25	23°53	4°57	9°24	23°56	25° 4	3°20	23°46	24°15	2°53	n.a.	M17
T 18	19 4 13	14°25'24	17° 1	19°19	27°32	24°16	5° 1	9°22	24° 0	25° 3	3°21	23°D45	24°12	3° 0	n.a.	T 18
W19	19 8 9	15°23'16	1♒35	21°14	28°40	24°39	5° 4	9°21	24° 4	25° 2	3°22	23°45	24° 9	3° 7	n.a.	W19
T 20	19 12 6	16°21'10	15°48	23° 7	29°47	25° 1	5° 7	9°19	24° 8	25° 1	3°23	23°46	24° 6	3°13	n.a.	T 20
F 21	19 16 2	17°19'06	29°37	24°58	0♍55	25°23	5°10	9°17	24°11	25° 0	3°24	23°46	24° 2	3°20	n.a.	F 21
S 22	19 19 59	18°17'04	13♓ 1	26°49	2° 2	25°44	5°13	9°15	24°15	24°59	3°25	23°47	23°59	3°27	n.a.	S 22
S 23	19 23 55	19°15'04	26° 0	28°38	3° 9	26° 5	5°15	9°13	24°19	24°58	3°26	23°47	23°56	3°33	n.a.	S 23
M24	19 27 52	20°13'06	8♈38	0♌25	4°16	26°25	5°18	9°11	24°23	24°58	3°27	23°47	23°53	3°40	n.a.	M24
T 25	19 31 48	21°11'10	20°58	2°12	5°23	26°45	5°20	9° 8	24°26	24°57	3°28	23°R47	23°50	3°47	n.a.	T 25
W26	19 35 45	22° 9'16	3♉ 4	3°57	6°29	27° 4	5°22	9° 6	24°30	24°56	3°29	23°47	23°47	3°53	n.a.	W26
T 27	19 39 42	23° 7'25	15° 0	5°41	7°36	27°22	5°24	9° 3	24°34	24°56	3°30	23°47	23°43	4° 0	n.a.	T 27
F 28	19 43 38	24° 5'35	26°51	7°24	8°42	27°40	5°25	9° 1	24°38	24°55	3°31	23°D47	23°40	4° 7	n.a.	F 28
S 29	19 47 35	25° 3'47	8♊42	9° 5	9°48	27°57	5°27	8°58	24°42	24°54	3°32	23°47	23°37	4°13	n.a.	S 29
S 30	19 51 31	26° 2'02	20°35	10°46	10°54	28°13	5°28	8°55	24°45	24°54	3°33	23°48	23°34	4°20	n.a.	S 30
M31	19 55 28	27♋ 0'19	2♋35	12♌25	12♍ 0	28♓29	5♈29	8♓52	24♋49	24♏53	3♎35	23♋48	23♋31	4♊27	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	16n24	4s13	23n28	0n29	19n51	1n22	8s26	3s22	0n 9	1s27	10s22	2s28	22n26	0n37	18s 1	1n26	13n10	15n49	21n39	21n27	16n37		n.a.
S 2	23 48	19 8	3 29	23 50	0 39	19 30	1 20	8 15	3 23	0 11	1 27	10 22	2 28	22 25	0 37	18 1	1 26	13 9	15 49	21 40	21 27	16 39		n.a.
M 3	23 49	21 4	2 37	24 11	0 49	19 9	1 17	8 5	3 25	0 13	1 27	10 22	2 28	22 24	0 37	18 0	1 26	13 9	15 48	21 40	21 28	16 41		n.a.
T 4	23 48	22 4	1 37	24 29	0 58	18 47	1 15	7 54	3 26	0 15	1 27	10 23	2 29	22 24	0 37	18 0	1 26	13 8	15 48	21 41	21 28	16 43		n.a.
W 5	23 48	22 3	0 31	24 44	1 6	18 24	1 12	7 44	3 27	0 17	1 27	10 23	2 29	22 23	0 37	18 0	1 25	13 7	15 47	21 41	21 29	16 45		n.a.
T 6	23 47	20 59	0n36	24 57	1 14	18 2	1 9	7 34	3 29	0 19	1 28	10 24	2 29	22 22	0 37	18 0	1 25	13 7	15 46	21 41	21 30	16 47		n.a.
F 7	23 45	18 53	1 43	25 8	1 21	17 38	1 6	7 24	3 30	0 21	1 28	10 24	2 30	22 22	0 37	17 59	1 25	13 6	15 46	21 41	21 30	16 48		n.a.
S 8	23 43	15 51	2 46	25 15	1 27	17 15	1 3	7 14	3 31	0 23	1 28	10 25	2 30	22 21	0 37	17 59	1 25	13 5	15 45	21 41	21 31	16 50		n.a.
S 9	23 41	12 0	3 42	25 20	1 32	16 51	1 0	7 4	3 32	0 25	1 28	10 25	2 30	22 21	0 37	17 59	1 25	13 5	15 45	21 40	21 31	16 52		n.a.
M10	23 38	7 31	4 27	25 22	1 36	16 26	0 57	6 54	3 34	0 27	1 29	10 26	2 30	22 20	0 37	17 59	1 25	13 4	15 44	21 40	21 32	16 54		n.a.
T 11	23 35	2 33	4 59	25 22	1 40	16 1	0 54	6 45	3 35	0 29	1 29	10 26	2 31	22 19	0 37	17 58	1 25	13 3	15 44	21 40	21 32	16 56		n.a.
W12	23 31	2s39	5 15	25 19	1 43	15 36	0 51	6 35	3 36	0 30	1 29	10 27	2 31	22 19	0 37	17 58	1 25	13 2	15 43	21 40	21 33	16 58		n.a.
T 13	23 27	7 51	5 12	25 13	1 45	15 11	0 47	6 26	3 37	0 32	1 29	10 28	2 31	22 18	0 37	17 58	1 25	13 2	15 42	21 40	21 34	16 59		n.a.
F 14	23 23	12 43	4 50	25 5	1 47	14 45	0 44	6 17	3 38	0 33	1 30	10 28	2 32	22 17	0 37	17 58	1 25	13 1	15 42	21 40	21 34	17 1		n.a.
S 15	23 18	16 55	4 8	24 54	1 48	14 18	0 40	6 8	3 40	0 35	1 30	10 29	2 32	22 17	0 37	17 58	1 25	13 0	15 41	21 41	21 35	17 3		n.a.
S 16	23 13	20 4	3 9	24 41	1 48	13 52	0 36	6 0	3 41	0 36	1 30	10 30	2 32	22 16	0 37	17 57	1 25	12 59	15 41	21 41	21 35	17 5		n.a.
M17	23 7	21 51	1 57	24 26	1 48	13 25	0 33	5 51	3 42	0 37	1 30	10 31	2 32	22 15	0 37	17 57	1 25	12 58	15 40	21 41	21 36	17 7		n.a.
T 18	23 1	22 6	0 37	24 9	1 47	12 58	0 29	5 43	3 43	0 38	1 31	10 32	2 33	22 15	0 37	17 57	1 25	12 57	15 40	21 41	21 36	17 9		n.a.
W19	22 54	20 49	0s43	23 50	1 45	12 30	0 25	5 35	3 44	0 39	1 31	10 33	2 33	22 14	0 37	17 57	1 25	12 57	15 39	21 41	21 37	17 10		n.a.
T 20	22 48	18 15	1 59	23 29	1 43	12 3	0 21	5 27	3 45	0 40	1 31	10 34	2 33	22 13	0 37	17 57	1 25	12 56	15 38	21 41	21 38	17 12		n.a.
F 21	22 40	14 41	3 6	23 7	1 41	11 35	0 17	5 19	3 47	0 41	1 32	10 35	2 34	22 13	0 37	17 57	1 25	12 55	15 38	21 41	21 38	17 14		n.a.
S 22	22 32	10 28	4 1	22 43	1 38	11 6	0 12	5 11	3 48	0 42	1 32	10 36	2 34	22 12	0 37	17 56	1 25	12 54	15 37	21 41	21 39	17 16		n.a.
S 23	22 24	5 54	4 41	22 17	1 34	10 38	0 8	5 4	3 49	0 43	1 32	10 37	2 34	22 11	0 37	17 56	1 25	12 53	15 37	21 41	21 39	17 18		n.a.
M24	22 16	1 12	5 6	21 51	1 30	10 9	0 4	4 57	3 50	0 44	1 32	10 38	2 34	22 11	0 37	17 56	1 25	12 52	15 36	21 41	21 40	17 20		n.a.
T 25	22 7	3n25	5 17	21 22	1 26	9 40	0s 1	4 50	3 51	0 44	1 33	10 39	2 35	22 10	0 37	17 56	1 25	12 51	15 36	21 41	21 40	17 21		n.a.
W26	21 57	7 49	5 13	20 53	1 22	9 11	0 5	4 43	3 52	0 45	1 33	10 40	2 35	22 9	0 37	17 56	1 25	12 50	15 35	21 41	21 41	17 23		n.a.
T 27	21 48	11 52	4 56	20 23	1 17	8 42	0 10	4 37	3 53	0 45	1 33	10 41	2 35	22 9	0 37	17 56	1 24	12 49	15 35	21 41	21 41	17 25		n.a.
F 28	21 38	15 26	4 26	19 52	1 12	8 13	0 14	4 31	3 54	0 46	1 33	10 42	2 35	22 8	0 37	17 56	1 24	12 48	15 34	21 41	21 42	17 27		n.a.
S 29	21 27	18 23	3 45	19 19	1 6	7 43	0 19	4 25	3 55	0 46	1 34	10 44	2 36	22 7	0 37	17 55	1 24	12 47	15 33	21 41	21 43	17 29		n.a.
S 30	21 16	20 35	2 54	18 46	1 0	7 13	0 24	4 19	3 56	0 46	1 34	10 45	2 36	22 7	0 37	17 55	1 24	12 47	15 33	21 41	21 43	17 30		n.a.
M31	21n 5	21n52	1s55	18n13	0n54	6n44	0s29	4s13	3s57	0n46	1s34	10s46	2s36	22n 6	0n37	17s55	1n24	12n46	15n32	21n41	21n44	17n32		n.a.

Julian Day Number = 1364024.5, Delta T = 06h56m27s
Ecliptic obliquity = 23°48'39, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°35'05, Lahiri = -17°28'04 Julian Calendar 1 July 979 BCE == Greg. Calendar 22 June 979 BCE

The year -978 astronomical counting style corresponds to year 979 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 979 BCE
geocentric

AUGUST 979 BCE (-978) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 59 24	27♋58'37	14♋43	14♌ 3	13♍ 6	28♓44	5♈30	8°R50	24♋53	24°R53	3♎36	23♋48	23♋27	4♊34	n.a.	T 1
W 2	20 3 21	28°56'58	27° 3	15°40	14°11	28°59	5°30	8♓46	24°57	24♏52	3°37	23°R48	23°24	4°40	n.a.	W 2
T 3	20 7 17	29°55'21	9♌34	17°15	15°17	29°12	5°31	8°43	25° 0	24°52	3°38	23°48	23°21	4°47	n.a.	T 3
F 4	20 11 14	0♌53'45	22°18	18°50	16°22	29°26	5°R31	8°40	25° 4	24°51	3°40	23°47	23°18	4°54	n.a.	F 4
S 5	20 15 10	1°52'12	5♍17	20°23	17°27	29°38	5°31	8°37	25° 8	24°51	3°41	23°47	23°15	5° 0	n.a.	S 5
S 6	20 19 7	2°50'40	18°29	21°55	18°31	29°49	5°30	8°34	25°12	24°51	3°43	23°45	23°12	5° 7	n.a.	S 6
M 7	20 23 4	3°49'10	1♎54	23°26	19°36	0♈ 0	5°30	8°30	25°15	24°50	3°44	23°44	23° 8	5°14	n.a.	M 7
T 8	20 27 0	4°47'42	15°34	24°56	20°40	0°10	5°29	8°27	25°19	24°50	3°45	23°43	23° 5	5°20	n.a.	T 8
W 9	20 30 57	5°46'15	29°27	26°25	21°44	0°20	5°29	8°23	25°23	24°50	3°47	23°D43	23° 2	5°27	n.a.	W 9
T 10	20 34 53	6°44'51	13♏32	27°52	22°48	0°28	5°28	8°19	25°27	24°49	3°49	23°43	22°59	5°34	n.a.	T 10
F 11	20 38 50	7°43'28	27°48	29°18	23°52	0°36	5°26	8°16	25°30	24°49	3°50	23°43	22°56	5°40	n.a.	F 11
S 12	20 42 46	8°42'07	12♐12	0♍44	24°55	0°43	5°25	8°12	25°34	24°49	3°52	23°44	22°53	5°47	n.a.	S 12
S 13	20 46 43	9°40'48	26°41	2° 7	25°59	0°49	5°23	8° 8	25°38	24°49	3°53	23°46	22°49	5°54	n.a.	S 13
M14	20 50 39	10°39'31	11♑10	3°30	27° 1	0°54	5°21	8° 4	25°42	24°49	3°55	23°46	22°46	6° 1	n.a.	M14
T 15	20 54 36	11°38'15	25°36	4°52	28° 4	0°59	5°19	8° 0	25°45	24°49	3°57	23°R47	22°43	6° 7	n.a.	T 15
W16	20 58 33	12°37'02	9♒51	6°12	29° 6	1° 2	5°17	7°56	25°49	24°49	3°58	23°46	22°40	6°14	n.a.	W16
T 17	21 2 29	13°35'51	23°53	7°30	0♎ 8	1° 5	5°15	7°52	25°52	24°D49	4° 0	23°45	22°37	6°21	n.a.	T 17
F 18	21 6 26	14°34'42	7♓35	8°48	1°10	1° 7	5°12	7°48	25°56	24°49	4° 2	23°42	22°33	6°27	n.a.	F 18
S 19	21 10 22	15°33'35	20°57	10° 4	2°12	1° 8	5° 9	7°44	26° 0	24°49	4° 3	23°39	22°30	6°34	n.a.	S 19
S 20	21 14 19	16°32'30	3♈58	11°18	3°13	1°R 8	5° 6	7°39	26° 3	24°49	4° 5	23°35	22°27	6°41	n.a.	S 20
M21	21 18 15	17°31'28	16°38	12°31	4°13	1° 8	5° 3	7°35	26° 7	24°49	4° 7	23°32	22°24	6°47	n.a.	M21
T 22	21 22 12	18°30'28	28°59	13°42	5°14	1° 6	5° 0	7°31	26°11	24°49	4° 9	23°30	22°21	6°54	n.a.	T 22
W23	21 26 8	19°29'31	11♉ 6	14°51	6°14	1° 4	4°56	7°26	26°14	24°49	4°11	23°28	22°18	7° 1	n.a.	W23
T 24	21 30 5	20°28'36	23° 3	15°58	7°14	1° 0	4°52	7°22	26°18	24°49	4°13	23°D28	22°14	7° 7	n.a.	T 24
F 25	21 34 1	21°27'44	4♊55	17° 3	8°13	0°56	4°49	7°17	26°21	24°50	4°15	23°29	22°11	7°14	n.a.	F 25
S 26	21 37 58	22°26'54	16°45	18° 6	9°12	0°51	4°44	7°13	26°25	24°50	4°16	23°30	22° 8	7°21	n.a.	S 26
S 27	21 41 55	23°26'06	28°40	19° 6	10°11	0°45	4°40	7° 8	26°28	24°50	4°18	23°32	22° 5	7°27	n.a.	S 27
M28	21 45 51	24°25'21	10♋44	20° 4	11° 9	0°38	4°36	7° 3	26°32	24°51	4°20	23°34	22° 2	7°34	n.a.	M28
T 29	21 49 48	25°24'38	23° 0	20°59	12° 7	0°30	4°31	6°59	26°35	24°51	4°22	23°R34	21°59	7°41	n.a.	T 29
W30	21 53 44	26°23'58	5♌32	21°51	13° 5	0°21	4°26	6°54	26°38	24°52	4°24	23°34	21°55	7°48	n.a.	W30
T 31	21 57 41	27♌23'20	18♌20	22♍39	14♎ 2	0♈12	4♈21	6♓49	26♋42	24♏52	4♎26	23♋31	21♋52	7♊54	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20n53	22n 9	0s50	17n38	0n48	6n14	0s33	4s 8	3s58	0n46	1s34	10s48	2s36	22n 5	0n37	17s55	1n24	12n45	15n32	21n41	21n44	17n34			n.a.
W 2	20 41	21 22	0n18	17 3	0 42	5 44	0 38	4 3	3 59	0 46	1 35	10 49	2 37	22 5	0 37	17 55	1 24	12 44	15 31	21 41	21 45	17 36			n.a.
T 3	20 29	19 31	1 26	16 27	0 35	5 13	0 43	3 58	3 59	0 46	1 35	10 50	2 37	22 4	0 37	17 55	1 24	12 43	15 31	21 41	21 45	17 38			n.a.
F 4	20 16	16 40	2 32	15 51	0 28	4 43	0 49	3 54	4 0	0 46	1 35	10 52	2 37	22 3	0 37	17 55	1 24	12 42	15 30	21 41	21 46	17 39			n.a.
S 5	20 3	12 58	3 30	15 15	0 21	4 13	0 54	3 49	4 1	0 46	1 35	10 53	2 37	22 3	0 37	17 55	1 24	12 41	15 30	21 41	21 46	17 41			n.a.
S 6	19 50	8 35	4 19	14 38	0 14	3 42	0 59	3 45	4 2	0 46	1 36	10 55	2 37	22 2	0 37	17 55	1 24	12 40	15 29	21 41	21 47	17 43			n.a.
M 7	19 36	3 43	4 54	14 1	0 6	3 12	1 4	3 42	4 3	0 45	1 36	10 56	2 38	22 1	0 37	17 55	1 24	12 39	15 29	21 41	21 48	17 45			n.a.
T 8	19 22	1s25	5 13	13 24	0s 1	2 41	1 9	3 38	4 3	0 45	1 36	10 58	2 38	22 0	0 37	17 55	1 24	12 37	15 28	21 41	21 48	17 46			n.a.
W 9	19 7	6 33	5 15	12 46	0 9	2 11	1 15	3 35	4 4	0 44	1 36	10 59	2 38	22 0	0 37	17 55	1 24	12 36	15 28	21 42	21 49	17 48			n.a.
T 10	18 52	11 25	4 58	12 8	0 17	1 40	1 20	3 32	4 4	0 44	1 37	11 1	2 38	21 59	0 37	17 55	1 24	12 35	15 27	21 42	21 49	17 50			n.a.
F 11	18 37	15 43	4 22	11 31	0 24	1 10	1 26	3 30	4 5	0 43	1 37	11 3	2 39	21 58	0 37	17 55	1 24	12 34	15 27	21 41	21 50	17 52			n.a.
S 12	18 22	19 8	3 30	10 53	0 32	0 39	1 31	3 27	4 6	0 42	1 37	11 4	2 39	21 58	0 37	17 55	1 24	12 33	15 26	21 41	21 50	17 53			n.a.
S 13	18 6	21 22	2 24	10 15	0 40	0 9	1 37	3 25	4 6	0 41	1 37	11 6	2 39	21 57	0 37	17 55	1 24	12 32	15 26	21 41	21 51	17 55			n.a.
M14	17 50	22 11	1 9	9 38	0 48	0s22	1 42	3 24	4 7	0 40	1 38	11 8	2 39	21 56	0 37	17 55	1 24	12 31	15 25	21 41	21 51	17 57			n.a.
T 15	17 34	21 31	0s10	9 0	0 56	0 52	1 48	3 22	4 7	0 39	1 38	11 9	2 39	21 56	0 37	17 55	1 23	12 30	15 25	21 41	21 52	17 59			n.a.
W16	17 17	19 28	1 28	8 23	1 4	1 22	1 54	3 21	4 7	0 38	1 38	11 11	2 39	21 55	0 37	17 55	1 23	12 29	15 25	21 41	21 52	18 0			n.a.
T 17	17 0	16 15	2 39	7 46	1 13	1 52	1 59	3 20	4 8	0 37	1 38	11 13	2 40	21 54	0 37	17 55	1 23	12 28	15 24	21 41	21 53	18 2			n.a.
F 18	16 43	12 13	3 39	7 9	1 21	2 23	2 5	3 20	4 8	0 36	1 39	11 14	2 40	21 54	0 37	17 55	1 23	12 27	15 24	21 42	21 53	18 4			n.a.
S 19	16 25	7 41	4 25	6 33	1 29	2 53	2 11	3 19	4 8	0 34	1 39	11 16	2 40	21 53	0 37	17 55	1 23	12 26	15 23	21 42	21 54	18 6			n.a.
S 20	16 7	2 55	4 56	5 57	1 37	3 23	2 16	3 19	4 8	0 33	1 39	11 18	2 40	21 52	0 37	17 55	1 23	12 25	15 23	21 43	21 54	18 7			n.a.
M21	15 49	1n50	5 12	5 21	1 45	3 52	2 22	3 20	4 8	0 31	1 39	11 20	2 40	21 52	0 37	17 55	1 23	12 24	15 22	21 43	21 55	18 9			n.a.
T 22	15 31	6 25	5 13	4 47	1 53	4 22	2 28	3 20	4 8	0 30	1 39	11 21	2 40	21 51	0 37	17 55	1 23	12 22	15 22	21 44	21 56	18 11			n.a.
W23	15 12	10 39	5 0	4 13	2 1	4 52	2 34	3 21	4 8	0 28	1 40	11 23	2 41	21 50	0 37	17 56	1 23	12 21	15 22	21 44	21 56	18 13			n.a.
T 24	14 53	14 25	4 34	3 39	2 8	5 21	2 40	3 23	4 8	0 27	1 40	11 25	2 41	21 50	0 37	17 56	1 23	12 20	15 21	21 44	21 57	18 14			n.a.
F 25	14 34	17 35	3 56	3 7	2 16	5 50	2 45	3 24	4 8	0 25	1 40	11 27	2 41	21 49	0 37	17 56	1 23	12 19	15 21	21 44	21 57	18 16			n.a.
S 26	14 15	20 1	3 8	2 35	2 23	6 19	2 51	3 26	4 7	0 23	1 40	11 29	2 41	21 48	0 37	17 56	1 23	12 18	15 20	21 44	21 58	18 18			n.a.
S 27	13 55	21 36	2 12	2 4	2 31	6 48	2 57	3 28	4 7	0 21	1 40	11 31	2 41	21 48	0 37	17 56	1 23	12 17	15 20	21 43	21 58	18 19			n.a.
M28	13 35	22 13	1 10	1 35	2 38	7 17	3 3	3 30	4 7	0 19	1 41	11 32	2 41	21 47	0 37	17 56	1 23	12 16	15 20	21 43	21 59	18 21			n.a.
T 29	13 15	21 46	0 3	1 7	2 44	7 45	3 9	3 33	4 6	0 17	1 41	11 34	2 41	21 46	0 37	17 56	1 23	12 15	15 19	21 43	21 59	18 23			n.a.
W30	12 55	20 14	1n 5	0 41	2 51	8 13	3 15	3 36	4 5	0 15	1 41	11 36	2 41	21 46	0 37	17 57	1 23	12 13	15 19	21 43	22 0	18 25			n.a.
T 31	12n34	17n38	2n11	0n16	2s57	8s41	3s20	3s39	4s 5	0n13	1s41	11s38	2s41	21n45	0n37	17s57	1n23	12n12	15n19	21n44	22n 0	18n26			n.a.

Julian Day Number = 1364055.5, Delta T = 06h56m25s
Ecliptic obliquity = 23°48'39, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°35'00, Lahiri = -17°28'00 Julian Calendar 1 Aug. 979 BCE == Greg. Calendar 23 July 979 BCE

The year -978 astronomical counting style corresponds to year 979 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 979 BCE
geocentric

SEPTEMBER 979 BCE (-978) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 1 37	28♌22'44	1♍27	23♍24	14♎58	0°R 1	4°R16	6°R45	26♋45	24♏52	4♎29	23°R27	21♋49	8♊ 1	n.a.	F 1
S 2	22 5 34	29°22'10	14°50	24° 4	15°54	29♓50	4♈11	6♓40	26°49	24°53	4°31	23♋22	21°46	8° 8	n.a.	S 2
S 3	22 9 30	0♍21'38	28°28	24°41	16°50	29°38	4° 5	6°35	26°52	24°54	4°33	23°16	21°43	8°14	n.a.	S 3
M 4	22 13 27	1°21'08	12♎18	25°12	17°45	29°25	3°59	6°30	26°55	24°54	4°35	23°10	21°39	8°21	n.a.	M 4
T 5	22 17 24	2°20'41	26°17	25°38	18°39	29°11	3°53	6°26	26°58	24°55	4°37	23° 5	21°36	8°28	n.a.	T 5
W 6	22 21 20	3°20'15	10♏22	25°59	19°33	28°56	3°48	6°21	27° 2	24°55	4°39	23° 1	21°33	8°34	n.a.	W 6
T 7	22 25 17	4°19'51	24°30	26°13	20°26	28°41	3°41	6°16	27° 5	24°56	4°41	22°59	21°30	8°41	n.a.	T 7
F 8	22 29 13	5°19'29	8♐40	26°20	21°19	28°25	3°35	6°11	27° 8	24°57	4°43	22°D58	21°27	8°48	n.a.	F 8
S 9	22 33 10	6°19'09	22°48	26°R20	22°11	28° 9	3°29	6° 6	27°11	24°58	4°46	22°59	21°24	8°54	n.a.	S 9
S 10	22 37 6	7°18'50	6♑55	26°13	23° 3	27°52	3°22	6° 2	27°14	24°58	4°48	23° 0	21°20	9° 1	n.a.	S 10
M11	22 41 3	8°18'34	20°58	25°57	23°53	27°34	3°15	5°57	27°17	24°59	4°50	23°R 1	21°17	9° 8	n.a.	M11
T 12	22 44 59	9°18'19	4♒56	25°32	24°43	27°16	3° 9	5°52	27°20	25° 0	4°52	23° 1	21°14	9°14	n.a.	T 12
W13	22 48 56	10°18'07	18°45	24°59	25°33	26°57	3° 2	5°47	27°23	25° 1	4°55	22°58	21°11	9°21	n.a.	W13
T 14	22 52 52	11°17'56	2♓25	24°17	26°21	26°38	2°55	5°42	27°26	25° 2	4°57	22°53	21° 8	9°28	n.a.	T 14
F 15	22 56 49	12°17'47	15°50	23°27	27° 9	26°18	2°48	5°38	27°29	25° 3	4°59	22°46	21° 4	9°34	n.a.	F 15
S 16	23 0 46	13°17'41	29° 1	22°29	27°55	25°58	2°40	5°33	27°32	25° 4	5° 1	22°37	21° 1	9°41	n.a.	S 16
S 17	23 4 42	14°17'36	11♈54	21°24	28°41	25°37	2°33	5°28	27°35	25° 5	5° 4	22°27	20°58	9°48	n.a.	S 17
M18	23 8 39	15°17'34	24°31	20°13	29°26	25°17	2°26	5°23	27°38	25° 6	5° 6	22°18	20°55	9°54	n.a.	M18
T 19	23 12 35	16°17'34	6♉51	18°59	0♏10	24°56	2°18	5°19	27°41	25° 7	5° 8	22°10	20°52	10° 1	n.a.	T 19
W20	23 16 32	17°17'36	18°57	17°42	0°54	24°34	2°10	5°14	27°44	25° 8	5°11	22° 4	20°49	10° 8	n.a.	W20
T 21	23 20 28	18°17'40	0♊53	16°26	1°36	24°13	2° 3	5° 9	27°46	25° 9	5°13	22° 0	20°45	10°14	n.a.	T 21
F 22	23 24 25	19°17'47	12°44	15°13	2°17	23°52	1°55	5° 5	27°49	25°10	5°15	21°58	20°42	10°21	n.a.	F 22
S 23	23 28 21	20°17'56	24°33	14° 5	2°57	23°30	1°47	5° 0	27°52	25°11	5°18	21°D58	20°39	10°28	n.a.	S 23
S 24	23 32 18	21°18'07	6♋28	13° 4	3°35	23° 9	1°39	4°56	27°54	25°13	5°20	21°58	20°36	10°35	n.a.	S 24
M25	23 36 14	22°18'21	18°32	12°12	4°13	22°47	1°31	4°51	27°57	25°14	5°22	21°R59	20°33	10°41	n.a.	M25
T 26	23 40 11	23°18'37	0♌51	11°30	4°49	22°26	1°23	4°47	28° 0	25°15	5°25	21°59	20°30	10°48	n.a.	T 26
W27	23 44 8	24°18'54	13°29	10°59	5°24	22° 5	1°15	4°42	28° 2	25°16	5°27	21°57	20°26	10°55	n.a.	W27
T 28	23 48 4	25°19'14	26°30	10°40	5°58	21°44	1° 7	4°38	28° 4	25°18	5°30	21°52	20°23	11° 1	n.a.	T 28
F 29	23 52 1	26°19'36	9♍53	10°D32	6°30	21°23	0°59	4°34	28° 7	25°19	5°32	21°44	20°20	11° 8	n.a.	F 29
S 30	23 55 57	27♍20'00	23♍39	10♍36	7♏ 1	21♓ 2	0♈51	4♓29	28♋ 9	25♏20	5♎34	21♋35	20♋17	11♊15	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n13	14n 6	3n12	0s 7	3s 2	9s 9	3s26	3s43	4s 4	0n10	1s41	11s40	2s41	21n44	0n37	17s57	1n23	12n11	15n18	21n44	22n 1	18n28		n.a.
S 2	11 52	9 47	4 3	0 28	3 8	9 36	3 32	3 47	4 3	0 8	1 42	11 42	2 42	21 44	0 37	17 57	1 22	12 10	15 18	21 45	22 1	18 30		n.a.
S 3	11 31	4 55	4 42	0 47	3 12	10 3	3 38	3 50	4 2	0 6	1 42	11 44	2 42	21 43	0 37	17 57	1 22	12 9	15 18	21 46	22 2	18 31		n.a.
M 4	11 10	0s16	5 5	1 4	3 16	10 30	3 43	3 55	4 1	0 3	1 42	11 45	2 42	21 43	0 37	17 57	1 22	12 8	15 17	21 47	22 2	18 33		n.a.
T 5	10 48	5 30	5 10	1 17	3 20	10 56	3 49	3 59	4 0	0 1	1 42	11 47	2 42	21 42	0 37	17 58	1 22	12 7	15 17	21 48	22 3	18 35		n.a.
W 6	10 26	10 29	4 56	1 28	3 22	11 22	3 55	4 4	3 58	0s 2	1 42	11 49	2 42	21 41	0 37	17 58	1 22	12 5	15 17	21 49	22 3	18 36		n.a.
T 7	10 4	14 55	4 25	1 35	3 24	11 48	4 0	4 9	3 57	0 4	1 42	11 51	2 42	21 41	0 37	17 58	1 22	12 4	15 16	21 49	22 4	18 38		n.a.
F 8	9 42	18 31	3 37	1 39	3 25	12 14	4 6	4 14	3 56	0 7	1 42	11 53	2 42	21 40	0 38	17 58	1 22	12 3	15 16	21 49	22 4	18 40		n.a.
S 9	9 20	21 1	2 36	1 38	3 24	12 39	4 11	4 19	3 54	0 10	1 43	11 55	2 42	21 40	0 38	17 59	1 22	12 2	15 16	21 49	22 5	18 41		n.a.
S 10	8 57	22 12	1 26	1 33	3 22	13 3	4 17	4 24	3 52	0 12	1 43	11 57	2 42	21 39	0 38	17 59	1 22	12 1	15 15	21 49	22 5	18 43		n.a.
M11	8 35	21 58	0 11	1 24	3 19	13 28	4 22	4 30	3 50	0 15	1 43	11 58	2 42	21 38	0 38	17 59	1 22	12 0	15 15	21 49	22 6	18 45		n.a.
T 12	8 12	20 22	1s 4	1 10	3 14	13 51	4 28	4 35	3 48	0 18	1 43	12 0	2 42	21 38	0 38	17 59	1 22	11 59	15 15	21 49	22 6	18 46		n.a.
W13	7 49	17 34	2 14	0 51	3 8	14 15	4 33	4 41	3 46	0 21	1 43	12 2	2 42	21 37	0 38	18 0	1 22	11 58	15 15	21 49	22 7	18 48		n.a.
T 14	7 26	13 49	3 16	0 26	3 0	14 38	4 38	4 47	3 44	0 24	1 43	12 4	2 42	21 37	0 38	18 0	1 22	11 56	15 14	21 50	22 7	18 50		n.a.
F 15	7 3	9 26	4 6	0n 3	2 49	15 0	4 43	4 53	3 42	0 27	1 43	12 6	2 42	21 36	0 38	18 0	1 22	11 55	15 14	21 51	22 8	18 51		n.a.
S 16	6 40	4 41	4 41	0 38	2 37	15 22	4 48	4 59	3 40	0 30	1 43	12 7	2 42	21 36	0 38	18 0	1 22	11 54	15 14	21 53	22 8	18 53		n.a.
S 17	6 16	0n10	5 1	1 16	2 23	15 43	4 53	5 5	3 37	0 33	1 43	12 9	2 42	21 35	0 38	18 1	1 22	11 53	15 14	21 54	22 9	18 55		n.a.
M18	5 53	4 54	5 6	1 59	2 7	16 4	4 58	5 11	3 35	0 36	1 43	12 11	2 42	21 34	0 38	18 1	1 22	11 52	15 13	21 56	22 9	18 56		n.a.
T 19	5 29	9 21	4 56	2 45	1 50	16 25	5 3	5 17	3 32	0 39	1 43	12 13	2 42	21 34	0 38	18 1	1 22	11 51	15 13	21 57	22 10	18 58		n.a.
W20	5 6	13 21	4 33	3 32	1 31	16 45	5 7	5 23	3 29	0 42	1 43	12 14	2 42	21 33	0 38	18 2	1 21	11 50	15 13	21 58	22 10	18 59		n.a.
T 21	4 42	16 46	3 59	4 21	1 11	17 4	5 12	5 29	3 26	0 45	1 43	12 16	2 42	21 33	0 38	18 2	1 21	11 49	15 13	21 59	22 11	19 1		n.a.
F 22	4 18	19 28	3 14	5 8	0 51	17 23	5 16	5 35	3 23	0 48	1 43	12 18	2 42	21 32	0 38	18 2	1 21	11 47	15 13	21 59	22 11	19 3		n.a.
S 23	3 54	21 20	2 21	5 54	0 30	17 41	5 20	5 41	3 20	0 51	1 44	12 19	2 42	21 32	0 38	18 3	1 21	11 46	15 12	21 59	22 12	19 4		n.a.
S 24	3 30	22 17	1 22	6 36	0 10	17 58	5 24	5 46	3 17	0 55	1 44	12 21	2 42	21 31	0 38	18 3	1 21	11 45	15 12	21 59	22 12	19 6		n.a.
M25	3 6	22 12	0 19	7 15	0n10	18 15	5 28	5 52	3 14	0 58	1 44	12 23	2 42	21 31	0 38	18 3	1 21	11 44	15 12	21 59	22 13	19 8		n.a.
T 26	2 42	21 3	0n47	7 48	0 29	18 31	5 32	5 58	3 11	1 1	1 44	12 24	2 42	21 30	0 38	18 4	1 21	11 43	15 12	21 59	22 13	19 9		n.a.
W27	2 18	18 49	1 52	8 16	0 46	18 46	5 35	6 3	3 7	1 4	1 44	12 26	2 42	21 30	0 38	18 4	1 21	11 42	15 12	22 0	22 14	19 11		n.a.
T 28	1 53	15 35	2 53	8 38	1 2	19 1	5 38	6 8	3 4	1 8	1 43	12 27	2 41	21 29	0 38	18 4	1 21	11 41	15 12	22 0	22 14	19 12		n.a.
F 29	1 29	11 28	3 46	8 54	1 16	19 15	5 41	6 14	3 1	1 11	1 43	12 29	2 41	21 29	0 38	18 5	1 21	11 40	15 12	22 2	22 15	19 14		n.a.
S 30	1n 5	6n38	4n28	9n 4	1n29	19s28	5s44	6s19	2s57	1s14	1s43	12s30	2s41	21n29	0n38	18s 5	1n21	11n39	15n11	22n 3	22n15	19n16		n.a.

Julian Day Number = 1364086.5, Delta T = 06h56m24s
Ecliptic obliquity = 23°48'40, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°34'56, Lahiri = -17°27'56 Julian Calendar 1 Sept. 979 BCE == Greg. Calendar 23 Aug. 979 BCE

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ASTRODIENST EPHEMERIS for the year 979 BCE
geocentric

OCTOBER 979 BCE (-978) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 59 54	28♍20'25	7♎44	10♍50	7♏30	20°R42	0°R43	4°R25	28♋12	25♏22	5♎37	21°R24	20♋14	11♊21	n.a.	S 1
M 2	0 3 50	29°20'53	22° 3	11°15	7°58	20♓23	0♈34	4♓21	28°14	25°23	5°39	21♋13	20°10	11°28	n.a.	M 2
T 3	0 7 47	0♎21'22	6♏30	11°49	8°24	20° 3	0°26	4°17	28°16	25°25	5°42	21° 3	20° 7	11°35	n.a.	T 3
W 4	0 11 43	1°21'52	20°58	12°31	8°48	19°45	0°18	4°13	28°18	25°26	5°44	20°55	20° 4	11°41	n.a.	W 4
T 5	0 15 40	2°22'24	5♐23	13°21	9°11	19°27	0°10	4° 9	28°20	25°28	5°47	20°49	20° 1	11°48	n.a.	T 5
F 6	0 19 37	3°22'58	19°39	14°18	9°32	19° 9	0° 2	4° 5	28°23	25°29	5°49	20°47	19°58	11°55	n.a.	F 6
S 7	0 23 33	4°23'33	3♑45	15°20	9°51	18°52	29♓54	4° 1	28°25	25°31	5°51	20°D46	19°55	12° 1	n.a.	S 7
S 8	0 27 30	5°24'10	17°41	16°27	10° 8	18°36	29°45	3°58	28°27	25°32	5°54	20°R46	19°51	12° 8	n.a.	S 8
M 9	0 31 26	6°24'47	1♒26	17°39	10°22	18°20	29°37	3°54	28°29	25°34	5°56	20°46	19°48	12°15	n.a.	M 9
T 10	0 35 23	7°25'26	15° 0	18°54	10°35	18° 5	29°29	3°50	28°31	25°36	5°59	20°44	19°45	12°21	n.a.	T 10
W11	0 39 19	8°26'07	28°25	20°13	10°46	17°51	29°21	3°47	28°32	25°37	6° 1	20°39	19°42	12°28	n.a.	W11
T 12	0 43 16	9°26'48	11♓39	21°35	10°54	17°37	29°13	3°43	28°34	25°39	6° 4	20°31	19°39	12°35	n.a.	T 12
F 13	0 47 12	10°27'31	24°43	22°58	11° 0	17°24	29° 5	3°40	28°36	25°41	6° 6	20°21	19°36	12°41	n.a.	F 13
S 14	0 51 9	11°28'16	7♈34	24°24	11° 3	17°12	28°58	3°37	28°38	25°43	6° 9	20° 8	19°32	12°48	n.a.	S 14
S 15	0 55 6	12°29'02	20°14	25°51	11°R 5	17° 1	28°50	3°34	28°39	25°44	6°11	19°54	19°29	12°55	n.a.	S 15
M16	0 59 2	13°29'49	2♉40	27°19	11° 4	16°50	28°42	3°31	28°41	25°46	6°13	19°40	19°26	13° 1	n.a.	M16
T 17	1 2 59	14°30'38	14°54	28°49	11° 0	16°40	28°35	3°28	28°42	25°48	6°16	19°27	19°23	13° 8	n.a.	T 17
W18	1 6 55	15°31'29	26°56	0♎19	10°54	16°31	28°27	3°25	28°44	25°50	6°18	19°17	19°20	13°15	n.a.	W18
T 19	1 10 52	16°32'21	8♊50	1°51	10°46	16°23	28°20	3°22	28°45	25°52	6°21	19° 9	19°16	13°21	n.a.	T 19
F 20	1 14 48	17°33'14	20°39	3°22	10°35	16°16	28°12	3°19	28°47	25°53	6°23	19° 5	19°13	13°28	n.a.	F 20
S 21	1 18 45	18°34'09	2♋27	4°55	10°21	16° 9	28° 5	3°16	28°48	25°55	6°25	19° 2	19°10	13°35	n.a.	S 21
S 22	1 22 41	19°35'06	14°18	6°27	10° 5	16° 4	27°58	3°14	28°50	25°57	6°28	19° 2	19° 7	13°41	n.a.	S 22
M23	1 26 38	20°36'04	26°20	8° 0	9°47	15°59	27°51	3°11	28°51	25°59	6°30	19° 2	19° 4	13°48	n.a.	M23
T 24	1 30 35	21°37'04	8♌37	9°34	9°27	15°55	27°44	3° 9	28°52	26° 1	6°33	19° 1	19° 1	13°55	n.a.	T 24
W25	1 34 31	22°38'05	21°14	11° 7	9° 4	15°52	27°38	3° 7	28°53	26° 3	6°35	18°59	18°57	14° 1	n.a.	W25
T 26	1 38 28	23°39'07	4♍16	12°40	8°39	15°49	27°31	3° 5	28°54	26° 5	6°37	18°54	18°54	14° 8	n.a.	T 26
F 27	1 42 24	24°40'11	17°46	14°14	8°13	15°48	27°25	3° 2	28°55	26° 7	6°40	18°46	18°51	14°15	n.a.	F 27
S 28	1 46 21	25°41'16	1♎44	15°48	7°44	15°47	27°18	3° 0	28°56	26° 9	6°42	18°35	18°48	14°21	n.a.	S 28
S 29	1 50 17	26°42'22	16° 6	17°21	7°14	15°D47	27°12	2°59	28°57	26°11	6°44	18°24	18°45	14°28	n.a.	S 29
M30	1 54 14	27°43'29	0♏48	18°55	6°42	15°48	27° 6	2°57	28°58	26°13	6°47	18°11	18°41	14°35	n.a.	M30
T 31	1 58 10	28♎44'37	15♏41	20♎29	6♏ 9	15♓49	27♓ 0	2♓55	28♋59	26♏15	6♎49	18♋ 0	18♋38	14♊41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	0n40	1n22	4n54	9n 9	1n40	19s41	5s47	6s23	2s54	1s17	1s43	12s32	2s41	21n28	0n38	18s 6	1n21	11n38	15n11	22n 5	22n16	19n17			n.a.
M 2	0 16	4s 3	5 2	9 8	1 49	19 52	5 49	6 28	2 50	1 21	1 43	12 33	2 41	21 28	0 38	18 6	1 21	11 37	15 11	22 7	22 16	19 19			n.a.
T 3	0s 9	9 19	4 51	9 2	1 56	20 3	5 51	6 32	2 46	1 24	1 43	12 35	2 41	21 27	0 38	18 6	1 21	11 36	15 11	22 8	22 17	19 20			n.a.
W 4	0 33	14 4	4 22	8 51	2 2	20 13	5 53	6 36	2 43	1 27	1 43	12 36	2 41	21 27	0 38	18 7	1 21	11 35	15 11	22 9	22 17	19 22			n.a.
T 5	0 57	17 59	3 36	8 36	2 7	20 22	5 55	6 40	2 39	1 30	1 43	12 38	2 41	21 26	0 38	18 7	1 21	11 34	15 11	22 10	22 18	19 24			n.a.
F 6	1 22	20 47	2 37	8 17	2 11	20 30	5 56	6 44	2 35	1 34	1 43	12 39	2 41	21 26	0 38	18 8	1 21	11 33	15 11	22 11	22 18	19 25			n.a.
S 7	1 46	22 16	1 29	7 54	2 13	20 37	5 57	6 47	2 31	1 37	1 43	12 40	2 41	21 26	0 38	18 8	1 21	11 31	15 11	22 11	22 19	19 27			n.a.
S 8	2 11	22 21	0 16	7 29	2 14	20 43	5 57	6 50	2 28	1 40	1 43	12 41	2 40	21 25	0 38	18 8	1 21	11 30	15 11	22 11	22 19	19 28			n.a.
M 9	2 35	21 4	0s56	7 0	2 14	20 48	5 57	6 53	2 24	1 43	1 43	12 43	2 40	21 25	0 39	18 9	1 21	11 29	15 11	22 11	22 19	19 30			n.a.
T 10	2 59	18 34	2 5	6 30	2 14	20 52	5 57	6 56	2 20	1 46	1 43	12 44	2 40	21 25	0 39	18 9	1 21	11 28	15 11	22 11	22 20	19 31			n.a.
W11	3 24	15 6	3 5	5 57	2 12	20 54	5 56	6 58	2 16	1 49	1 42	12 45	2 40	21 24	0 39	18 10	1 21	11 27	15 11	22 12	22 20	19 33			n.a.
T 12	3 48	10 54	3 55	5 23	2 10	20 56	5 55	7 0	2 13	1 52	1 42	12 46	2 40	21 24	0 39	18 10	1 20	11 27	15 11	22 13	22 21	19 35			n.a.
F 13	4 12	6 16	4 31	4 47	2 7	20 57	5 54	7 2	2 9	1 56	1 42	12 47	2 40	21 24	0 39	18 11	1 20	11 26	15 11	22 15	22 21	19 36			n.a.
S 14	4 36	1 25	4 53	4 9	2 4	20 56	5 52	7 3	2 5	1 59	1 42	12 48	2 40	21 23	0 39	18 11	1 20	11 25	15 11	22 17	22 22	19 38			n.a.
S 15	5 0	3n24	5 0	3 31	2 0	20 54	5 49	7 4	2 2	2 2	1 42	12 49	2 39	21 23	0 39	18 12	1 20	11 24	15 11	22 19	22 22	19 39			n.a.
M16	5 24	8 1	4 52	2 51	1 56	20 50	5 46	7 5	1 58	2 4	1 42	12 50	2 39	21 23	0 39	18 12	1 20	11 23	15 11	22 21	22 23	19 41			n.a.
T 17	5 48	12 14	4 31	2 11	1 51	20 46	5 42	7 5	1 54	2 7	1 42	12 51	2 39	21 22	0 39	18 12	1 20	11 22	15 11	22 23	22 23	19 42			n.a.
W18	6 12	15 55	3 59	1 30	1 46	20 40	5 38	7 5	1 51	2 10	1 41	12 52	2 39	21 22	0 39	18 13	1 20	11 21	15 11	22 24	22 24	19 44			n.a.
T 19	6 36	18 54	3 15	0 48	1 41	20 32	5 33	7 5	1 47	2 13	1 41	12 53	2 39	21 22	0 39	18 13	1 20	11 20	15 11	22 25	22 24	19 45			n.a.
F 20	7 0	21 5	2 24	0 6	1 36	20 24	5 28	7 5	1 43	2 16	1 41	12 54	2 38	21 22	0 39	18 14	1 20	11 19	15 11	22 26	22 25	19 47			n.a.
S 21	7 23	22 21	1 27	0s37	1 30	20 13	5 21	7 4	1 40	2 19	1 41	12 55	2 38	21 21	0 39	18 14	1 20	11 18	15 11	22 26	22 25	19 48			n.a.
S 22	7 47	22 37	0 25	1 19	1 24	20 2	5 15	7 3	1 36	2 21	1 41	12 56	2 38	21 21	0 39	18 15	1 20	11 17	15 11	22 26	22 25	19 50			n.a.
M23	8 10	21 51	0n39	2 2	1 18	19 49	5 7	7 2	1 33	2 24	1 40	12 56	2 38	21 21	0 39	18 15	1 20	11 16	15 11	22 26	22 26	19 51			n.a.
T 24	8 33	20 1	1 42	2 45	1 12	19 34	4 59	7 1	1 29	2 26	1 40	12 57	2 38	21 21	0 39	18 16	1 20	11 15	15 11	22 26	22 26	19 53			n.a.
W25	8 56	17 11	2 42	3 28	1 5	19 19	4 50	6 59	1 26	2 29	1 40	12 58	2 37	21 20	0 39	18 16	1 20	11 15	15 11	22 27	22 27	19 54			n.a.
T 26	9 19	13 25	3 35	4 11	0 59	19 1	4 41	6 57	1 23	2 31	1 40	12 58	2 37	21 20	0 39	18 17	1 20	11 14	15 11	22 27	22 27	19 56			n.a.
F 27	9 42	8 51	4 18	4 54	0 52	18 43	4 31	6 54	1 19	2 34	1 39	12 59	2 37	21 20	0 39	18 17	1 20	11 13	15 11	22 28	22 28	19 57			n.a.
S 28	10 5	3 42	4 48	5 37	0 46	18 23	4 20	6 52	1 16	2 36	1 39	12 59	2 37	21 20	0 39	18 18	1 20	11 12	15 11	22 30	22 28	19 59			n.a.
S 29	10 27	1s49	5 0	6 19	0 39	18 2	4 8	6 49	1 13	2 38	1 39	13 0	2 37	21 20	0 39	18 18	1 20	11 11	15 12	22 32	22 29	20 0			n.a.
M30	10 50	7 21	4 53	7 2	0 32	17 40	3 56	6 45	1 10	2 41	1 39	13 0	2 36	21 20	0 39	18 19	1 20	11 11	15 12	22 33	22 29	20 2			n.a.
T 31	11s12	12s32	4n27	7s44	0n25	17s17	3s44	6s42	1s 7	2s43	1s38	13s 1	2s36	21n19	0n39	18s19	1n20	11n10	15n12	22n35	22n30	20n 3			n.a.

Julian Day Number = 1364116.5, Delta T = 06h56m22s
Ecliptic obliquity = 23°48'41, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°34'52, Lahiri = -17°27'52 Julian Calendar 1 Oct. 979 BCE == Greg. Calendar 22 Sept. 979 BCE

The year -978 astronomical counting style corresponds to year 979 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 979 BCE
geocentric

NOVEMBER 979 BCE (-978) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 2 7	29♎45'45	0♐36	22♎ 3	5°R34	15♓51	26°R54	2°R54	28♋59	26♏17	6♎51	17°R51	18♋35	14♊48	n.a.	W 1
T 2	2 6 4	0♏46'55	15°25	23°37	4♏59	15°55	26♓49	2♓52	29° 0	26°19	6°54	17♋45	18°32	14°55	n.a.	T 2
F 3	2 10 0	1°48'05	0♑ 0	25°10	4°23	15°58	26°43	2°51	29° 1	26°21	6°56	17°42	18°29	15° 1	n.a.	F 3
S 4	2 13 57	2°49'16	14°19	26°44	3°47	16° 3	26°38	2°50	29° 1	26°23	6°58	17°D41	18°26	15° 8	n.a.	S 4
S 5	2 17 53	3°50'27	28°18	28°18	3°10	16° 9	26°33	2°49	29° 2	26°26	7° 0	17°R41	18°22	15°15	n.a.	S 5
M 6	2 21 50	4°51'39	11♒59	29°52	2°34	16°15	26°28	2°48	29° 2	26°28	7° 3	17°41	18°19	15°21	n.a.	M 6
T 7	2 25 46	5°52'51	25°22	1♏26	1°58	16°21	26°23	2°47	29° 3	26°30	7° 5	17°39	18°16	15°28	n.a.	T 7
W 8	2 29 43	6°54'03	8♓30	3° 0	1°23	16°29	26°19	2°46	29° 3	26°32	7° 7	17°35	18°13	15°35	n.a.	W 8
T 9	2 33 39	7°55'16	21°26	4°35	0°48	16°37	26°15	2°45	29° 3	26°34	7° 9	17°28	18°10	15°41	n.a.	T 9
F 10	2 37 36	8°56'28	4♈ 9	6° 9	0°15	16°46	26°10	2°45	29° 4	26°36	7°11	17°19	18° 7	15°48	n.a.	F 10
S 11	2 41 33	9°57'42	16°41	7°43	29♎42	16°55	26° 6	2°44	29° 4	26°39	7°13	17° 7	18° 3	15°55	n.a.	S 11
S 12	2 45 29	10°58'55	29° 4	9°18	29°12	17° 6	26° 3	2°44	29° 4	26°41	7°16	16°54	18° 0	16° 1	n.a.	S 12
M13	2 49 26	12° 0'09	11♉17	10°53	28°43	17°16	25°59	2°44	29° 4	26°43	7°18	16°41	17°57	16° 8	n.a.	M13
T 14	2 53 22	13° 1'24	23°21	12°27	28°16	17°28	25°56	2°43	29°R 4	26°45	7°20	16°29	17°54	16°15	n.a.	T 14
W15	2 57 19	14° 2'39	5♊18	14° 2	27°51	17°40	25°53	2°D43	29° 4	26°47	7°22	16°20	17°51	16°21	n.a.	W15
T 16	3 1 15	15° 3'54	17° 9	15°38	27°28	17°52	25°50	2°44	29° 4	26°50	7°24	16°13	17°47	16°28	n.a.	T 16
F 17	3 5 12	16° 5'10	28°56	17°13	27° 7	18° 5	25°47	2°44	29° 4	26°52	7°26	16° 9	17°44	16°35	n.a.	F 17
S 18	3 9 8	17° 6'26	10♋43	18°49	26°49	18°19	25°44	2°44	29° 3	26°54	7°28	16°D 7	17°41	16°41	n.a.	S 18
S 19	3 13 5	18° 7'43	22°34	20°25	26°33	18°33	25°42	2°45	29° 3	26°56	7°30	16° 7	17°38	16°48	n.a.	S 19
M20	3 17 2	19° 9'00	4♌34	22° 1	26°19	18°48	25°40	2°45	29° 3	26°59	7°32	16° 8	17°35	16°55	n.a.	M20
T 21	3 20 58	20°10'17	16°47	23°37	26° 8	19° 3	25°38	2°46	29° 2	27° 1	7°34	16°R 9	17°32	17° 1	n.a.	T 21
W22	3 24 55	21°11'35	29°20	25°14	26° 0	19°19	25°36	2°47	29° 2	27° 3	7°36	16° 8	17°28	17° 8	n.a.	W22
T 23	3 28 51	22°12'53	12♍17	26°51	25°54	19°35	25°34	2°48	29° 1	27° 5	7°38	16° 6	17°25	17°15	n.a.	T 23
F 24	3 32 48	23°14'11	25°41	28°28	25°51	19°52	25°33	2°49	29° 1	27° 8	7°39	16° 2	17°22	17°21	n.a.	F 24
S 25	3 36 44	24°15'30	9♎36	0♐ 6	25°D50	20°10	25°32	2°50	29° 0	27°10	7°41	15°55	17°19	17°28	n.a.	S 25
S 26	3 40 41	25°16'49	23°59	1°44	25°51	20°27	25°31	2°51	29° 0	27°12	7°43	15°48	17°16	17°35	n.a.	S 26
M27	3 44 38	26°18'07	8♏47	3°22	25°55	20°45	25°30	2°52	28°59	27°14	7°45	15°39	17°13	17°41	n.a.	M27
T 28	3 48 34	27°19'26	23°52	5° 0	26° 2	21° 4	25°29	2°54	28°58	27°17	7°47	15°31	17° 9	17°48	n.a.	T 28
W29	3 52 31	28°20'45	9♐ 5	6°38	26°10	21°23	25°29	2°55	28°57	27°19	7°48	15°25	17° 6	17°55	n.a.	W29
T 30	3 56 27	29♏22'03	24♐15	8♐17	26♎21	21♓43	25°D29	2♓57	28♋56	27♏21	7♎50	15♋21	17♋ 3	18♊ 1	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s34	16s59	3n42	8s26	0n19	16s53	3s30	6s38	1s 4	2s45	1s38	13s 1	2s36	21n19	0n39	18s20	1n20	11n 9	15n12	22n36	22n30	20n 5		n.a.
T 2	11 55	20 19	2 42	9 7	0 12	16 28	3 17	6 34	1 1	2 47	1 38	13 1	2 36	21 19	0 40	18 20	1 20	11 8	15 12	22 37	22 30	20 6		n.a.
F 3	12 17	22 16	1 32	9 48	0 5	16 2	3 3	6 30	0 58	2 49	1 38	13 2	2 36	21 19	0 40	18 21	1 20	11 7	15 12	22 37	22 31	20 8		n.a.
S 4	12 38	22 44	0 18	10 29	0s 1	15 36	2 48	6 25	0 55	2 51	1 37	13 2	2 35	21 19	0 40	18 21	1 20	11 7	15 12	22 37	22 31	20 9		n.a.
S 5	13 0	21 44	0s56	11 9	0 8	15 9	2 33	6 21	0 52	2 52	1 37	13 2	2 35	21 19	0 40	18 22	1 20	11 6	15 13	22 37	22 32	20 11		n.a.
M 6	13 21	19 28	2 5	11 49	0 14	14 42	2 18	6 16	0 49	2 54	1 37	13 2	2 35	21 19	0 40	18 23	1 20	11 5	15 13	22 37	22 32	20 12		n.a.
T 7	13 41	16 10	3 6	12 29	0 21	14 15	2 3	6 11	0 46	2 56	1 36	13 2	2 35	21 19	0 40	18 23	1 20	11 5	15 13	22 38	22 33	20 14		n.a.
W 8	14 2	12 8	3 55	13 8	0 27	13 48	1 47	6 5	0 44	2 57	1 36	13 2	2 34	21 19	0 40	18 24	1 20	11 4	15 13	22 38	22 33	20 15		n.a.
T 9	14 22	7 36	4 32	13 46	0 33	13 21	1 32	5 59	0 41	2 59	1 36	13 3	2 34	21 19	0 40	18 24	1 20	11 3	15 13	22 39	22 33	20 17		n.a.
F 10	14 42	2 49	4 54	14 24	0 40	12 55	1 16	5 54	0 39	3 0	1 36	13 3	2 34	21 19	0 40	18 25	1 20	11 3	15 14	22 40	22 34	20 18		n.a.
S 11	15 2	2n 1	5 2	15 1	0 46	12 29	1 0	5 48	0 36	3 1	1 35	13 2	2 34	21 19	0 40	18 25	1 19	11 2	15 14	22 42	22 34	20 20		n.a.
S 12	15 21	6 43	4 55	15 38	0 52	12 3	0 45	5 41	0 34	3 3	1 35	13 2	2 33	21 19	0 40	18 26	1 19	11 1	15 14	22 43	22 35	20 21		n.a.
M13	15 40	11 5	4 35	16 14	0 57	11 38	0 29	5 35	0 31	3 4	1 35	13 2	2 33	21 19	0 40	18 26	1 19	11 1	15 14	22 45	22 35	20 22		n.a.
T 14	15 59	14 59	4 3	16 49	1 3	11 15	0 14	5 28	0 29	3 5	1 34	13 2	2 33	21 19	0 40	18 27	1 19	11 0	15 15	22 47	22 36	20 24		n.a.
W15	16 18	18 14	3 20	17 23	1 9	10 52	0n 1	5 21	0 26	3 6	1 34	13 2	2 33	21 19	0 40	18 27	1 19	11 0	15 15	22 48	22 36	20 25		n.a.
T 16	16 36	20 43	2 28	17 57	1 14	10 30	0 15	5 14	0 24	3 7	1 34	13 2	2 32	21 19	0 40	18 28	1 19	10 59	15 15	22 49	22 36	20 27		n.a.
F 17	16 54	22 18	1 31	18 30	1 19	10 9	0 29	5 7	0 22	3 8	1 33	13 1	2 32	21 19	0 40	18 28	1 19	10 58	15 15	22 49	22 37	20 28		n.a.
S 18	17 12	22 53	0 29	19 2	1 24	9 49	0 43	4 59	0 20	3 8	1 33	13 1	2 32	21 19	0 40	18 29	1 19	10 58	15 16	22 49	22 37	20 30		n.a.
S 19	17 30	22 27	0n35	19 33	1 29	9 31	0 57	4 52	0 17	3 9	1 33	13 0	2 32	21 19	0 40	18 29	1 19	10 57	15 16	22 49	22 38	20 31		n.a.
M20	17 47	21 0	1 37	20 3	1 34	9 14	1 10	4 44	0 15	3 10	1 32	13 0	2 32	21 19	0 40	18 30	1 19	10 57	15 16	22 49	22 38	20 32		n.a.
T 21	18 4	18 32	2 37	20 33	1 38	8 58	1 22	4 36	0 13	3 10	1 32	13 0	2 31	21 20	0 40	18 31	1 19	10 56	15 16	22 49	22 39	20 34		n.a.
W22	18 20	15 10	3 31	21 1	1 42	8 44	1 34	4 28	0 11	3 10	1 32	12 59	2 31	21 20	0 40	18 31	1 19	10 56	15 17	22 49	22 39	20 35		n.a.
T 23	18 36	10 59	4 16	21 28	1 46	8 31	1 46	4 19	0 9	3 11	1 31	12 58	2 31	21 20	0 40	18 32	1 19	10 55	15 17	22 49	22 39	20 37		n.a.
F 24	18 52	6 8	4 48	21 54	1 49	8 20	1 57	4 11	0 7	3 11	1 31	12 58	2 31	21 20	0 40	18 32	1 19	10 55	15 17	22 50	22 40	20 38		n.a.
S 25	19 8	0 49	5 5	22 19	1 53	8 9	2 7	4 2	0 5	3 11	1 31	12 57	2 30	21 20	0 41	18 33	1 19	10 55	15 18	22 51	22 40	20 39		n.a.
S 26	19 23	4s44	5 4	22 43	1 56	8 1	2 17	3 53	0 3	3 11	1 30	12 57	2 30	21 20	0 41	18 33	1 19	10 54	15 18	22 52	22 41	20 41		n.a.
M27	19 38	10 11	4 43	23 5	1 58	7 53	2 27	3 44	0 2	3 11	1 30	12 56	2 30	21 21	0 41	18 34	1 19	10 54	15 18	22 53	22 41	20 42		n.a.
T 28	19 52	15 8	4 2	23 26	2 0	7 47	2 36	3 35	0n 0	3 11	1 30	12 55	2 30	21 21	0 41	18 34	1 19	10 53	15 19	22 54	22 41	20 43		n.a.
W29	20 6	19 8	3 3	23 46	2 2	7 42	2 45	3 26	0 2	3 11	1 29	12 54	2 29	21 21	0 41	18 35	1 19	10 53	15 19	22 54	22 42	20 45		n.a.
T 30	20s20	21s50	1n52	24s 4	2s 4	7s38	2n53	3s17	0n 4	3s11	1s29	12s53	2s29	21n21	0n41	18s35	1n19	10n53	15n19	22n55	22n42	20n46		n.a.

Julian Day Number = 1364147.5, Delta T = 06h56m21s
Ecliptic obliquity = 23°48'40, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°34'48, Lahiri = -17°27'47 Julian Calendar 1 Nov. 979 BCE == Greg. Calendar 23 Oct. 979 BCE

The year -978 astronomical counting style corresponds to year 979 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 979 BCE
geocentric

DECEMBER 979 BCE (-978) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 0 24	0♐23'21	9♉12	9♐56	26♎34	22♓ 3	25♓29	2♓59	28°R56	27♏24	7♎52	15°D19	17♋ 0	18♊ 8	n.a.	F 1
S 2	4 4 20	1°24'38	23°50	11°35	26°49	22°23	25°29	3° 1	28♋55	27°26	7°54	15♋20	16°57	18°15	n.a.	S 2
S 3	4 8 17	2°25'55	8♒ 5	13°14	27° 6	22°44	25°30	3° 3	28°54	27°28	7°55	15°21	16°53	18°21	n.a.	S 3
M 4	4 12 13	3°27'11	21°55	14°53	27°26	23° 5	25°31	3° 5	28°52	27°30	7°57	15°22	16°50	18°28	n.a.	M 4
T 5	4 16 10	4°28'26	5♓21	16°32	27°47	23°26	25°32	3° 7	28°51	27°33	7°58	15°R23	16°47	18°35	n.a.	T 5
W 6	4 20 7	5°29'40	18°26	18°10	28°10	23°48	25°33	3° 9	28°50	27°35	8° 0	15°22	16°44	18°41	n.a.	W 6
T 7	4 24 3	6°30'54	1♈13	19°49	28°35	24°11	25°34	3°12	28°49	27°37	8° 1	15°19	16°41	18°48	n.a.	T 7
F 8	4 28 0	7°32'06	13°44	21°26	29° 1	24°33	25°36	3°14	28°48	27°39	8° 3	15°14	16°38	18°55	n.a.	F 8
S 9	4 31 56	8°33'18	26° 3	23° 3	29°30	24°56	25°37	3°17	28°46	27°42	8° 4	15° 8	16°34	19° 1	n.a.	S 9
S 10	4 35 53	9°34'29	8♉12	24°39	29°59	25°19	25°39	3°20	28°45	27°44	8° 6	15° 2	16°31	19° 8	n.a.	S 10
M11	4 39 49	10°35'39	20°13	26°14	0♏31	25°43	25°41	3°23	28°43	27°46	8° 7	14°55	16°28	19°15	n.a.	M11
T 12	4 43 46	11°36'49	2♊ 8	27°47	1° 4	26° 7	25°44	3°25	28°42	27°48	8° 9	14°49	16°25	19°21	n.a.	T 12
W13	4 47 43	12°37'58	13°59	29°18	1°39	26°31	25°46	3°29	28°40	27°51	8°10	14°44	16°22	19°28	n.a.	W13
T 14	4 51 39	13°39'06	25°48	0♑47	2°14	26°55	25°49	3°32	28°39	27°53	8°11	14°40	16°18	19°35	n.a.	T 14
F 15	4 55 36	14°40'13	7♋36	2°13	2°52	27°20	25°52	3°35	28°37	27°55	8°13	14°39	16°15	19°41	n.a.	F 15
S 16	4 59 32	15°41'19	19°26	3°35	3°30	27°45	25°55	3°38	28°36	27°57	8°14	14°D39	16°12	19°48	n.a.	S 16
S 17	5 3 29	16°42'25	1♌21	4°54	4°10	28°10	25°58	3°42	28°34	27°59	8°15	14°40	16° 9	19°55	n.a.	S 17
M18	5 7 25	17°43'30	13°24	6° 7	4°51	28°36	26° 2	3°45	28°32	28° 2	8°16	14°41	16° 6	20° 1	n.a.	M18
T 19	5 11 22	18°44'34	25°40	7°16	5°33	29° 2	26° 6	3°49	28°30	28° 4	8°17	14°43	16° 3	20° 8	n.a.	T 19
W20	5 15 18	19°45'37	8♍11	8°18	6°16	29°28	26°10	3°53	28°29	28° 6	8°19	14°44	15°59	20°15	n.a.	W20
T 21	5 19 15	20°46'39	21° 3	9°13	7° 0	29°54	26°14	3°57	28°27	28° 8	8°20	14°R45	15°56	20°21	n.a.	T 21
F 22	5 23 12	21°47'41	4♎19	10° 0	7°45	0♈21	26°18	4° 0	28°25	28°10	8°21	14°44	15°53	20°28	n.a.	F 22
S 23	5 27 8	22°48'42	18° 2	10°38	8°32	0°48	26°22	4° 4	28°23	28°12	8°22	14°43	15°50	20°35	n.a.	S 23
S 24	5 31 5	23°49'41	2♏13	11° 7	9°19	1°15	26°27	4° 9	28°21	28°14	8°23	14°40	15°47	20°41	n.a.	S 24
M25	5 35 1	24°50'41	16°50	11°25	10° 7	1°42	26°32	4°13	28°19	28°16	8°24	14°38	15°44	20°48	n.a.	M25
T 26	5 38 58	25°51'39	1♐48	11°R33	10°56	2° 9	26°37	4°17	28°17	28°18	8°25	14°35	15°40	20°55	n.a.	T 26
W27	5 42 54	26°52'36	16°59	11°30	11°45	2°37	26°42	4°21	28°15	28°21	8°25	14°33	15°37	21° 1	n.a.	W27
T 28	5 46 51	27°53'31	2♑13	11°16	12°36	3° 5	26°48	4°26	28°13	28°23	8°26	14°32	15°34	21° 8	n.a.	T 28
F 29	5 50 48	28°54'26	17°22	10°50	13°27	3°33	26°53	4°30	28°10	28°25	8°27	14°D31	15°31	21°15	n.a.	F 29
S 30	5 54 44	29°55'19	2♒15	10°14	14°19	4° 1	26°59	4°35	28° 8	28°27	8°28	14°32	15°28	21°21	n.a.	S 30
S 31	5 58 41	0♑56'10	16♒46	9♑29	15♏12	4♈30	27♓ 5	4♓40	28♋ 6	28♏29	8♎29	14♋33	15♋24	21♊28	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s33	22s56	0n33	24s21	2s 5	7s36	3n 1	3s 7	0n 5	3s10	1s29	12s53	2s29	21n21	0n41	18s36	1n19	10n52	15n20	22n55	22n43	20n48		n.a.
S 2	20 46	22 26	0s46	24 36	2 6	7 35	3 8	2 58	0 7	3 10	1 28	12 52	2 29	21 22	0 41	18 36	1 19	10 52	15 20	22 55	22 43	20 49		n.a.
S 3	20 58	20 28	2 0	24 49	2 6	7 35	3 15	2 48	0 9	3 9	1 28	12 51	2 28	21 22	0 41	18 37	1 19	10 52	15 21	22 55	22 43	20 50		n.a.
M 4	21 10	17 20	3 5	25 1	2 5	7 36	3 21	2 38	0 10	3 9	1 27	12 50	2 28	21 22	0 41	18 37	1 19	10 51	15 21	22 55	22 44	20 52		n.a.
T 5	21 22	13 23	3 58	25 11	2 5	7 38	3 27	2 28	0 12	3 8	1 27	12 49	2 28	21 22	0 41	18 38	1 19	10 51	15 21	22 55	22 44	20 53		n.a.
W 6	21 33	8 53	4 37	25 19	2 3	7 41	3 32	2 18	0 13	3 7	1 27	12 48	2 28	21 23	0 41	18 38	1 19	10 51	15 22	22 55	22 45	20 54		n.a.
T 7	21 44	4 6	5 1	25 25	2 1	7 45	3 38	2 7	0 15	3 6	1 26	12 46	2 27	21 23	0 41	18 39	1 19	10 51	15 22	22 55	22 45	20 56		n.a.
F 8	21 54	0n44	5 11	25 30	1 58	7 50	3 42	1 57	0 16	3 5	1 26	12 45	2 27	21 23	0 41	18 40	1 19	10 50	15 22	22 56	22 45	20 57		n.a.
S 9	22 4	5 29	5 5	25 32	1 55	7 56	3 47	1 46	0 18	3 4	1 26	12 44	2 27	21 24	0 41	18 40	1 19	10 50	15 23	22 56	22 46	20 58		n.a.
S 10	22 14	9 57	4 46	25 33	1 51	8 3	3 51	1 36	0 19	3 3	1 25	12 43	2 27	21 24	0 41	18 41	1 19	10 50	15 23	22 57	22 46	21 0		n.a.
M11	22 23	14 0	4 14	25 31	1 46	8 11	3 54	1 25	0 20	3 2	1 25	12 42	2 26	21 24	0 41	18 41	1 19	10 50	15 24	22 58	22 47	21 1		n.a.
T 12	22 32	17 27	3 32	25 28	1 40	8 19	3 58	1 14	0 22	3 1	1 25	12 40	2 26	21 25	0 41	18 42	1 19	10 50	15 24	22 58	22 47	21 2		n.a.
W13	22 40	20 11	2 40	25 22	1 34	8 28	4 1	1 3	0 23	3 0	1 24	12 39	2 26	21 25	0 41	18 42	1 19	10 49	15 25	22 59	22 47	21 4		n.a.
T 14	22 48	22 3	1 41	25 15	1 26	8 38	4 3	0 52	0 24	2 58	1 24	12 37	2 26	21 25	0 41	18 43	1 19	10 49	15 25	22 59	22 48	21 5		n.a.
F 15	22 55	22 57	0 39	25 5	1 18	8 49	4 5	0 41	0 26	2 57	1 24	12 36	2 25	21 26	0 41	18 43	1 19	10 49	15 25	23 0	22 48	21 6		n.a.
S 16	23 2	22 49	0n26	24 54	1 9	9 0	4 8	0 30	0 27	2 55	1 23	12 35	2 25	21 26	0 41	18 44	1 19	10 49	15 26	23 0	22 49	21 8		n.a.
S 17	23 8	21 38	1 31	24 41	0 58	9 12	4 9	0 19	0 28	2 53	1 23	12 33	2 25	21 27	0 41	18 44	1 19	10 49	15 26	22 59	22 49	21 9		n.a.
M18	23 14	19 28	2 32	24 27	0 47	9 24	4 11	0 7	0 29	2 52	1 23	12 32	2 25	21 27	0 41	18 45	1 19	10 49	15 27	22 59	22 49	21 10		n.a.
T 19	23 20	16 24	3 27	24 11	0 35	9 37	4 12	0n 4	0 30	2 50	1 22	12 30	2 25	21 27	0 41	18 45	1 19	10 49	15 27	22 59	22 50	21 11		n.a.
W20	23 25	12 32	4 14	23 54	0 21	9 51	4 13	0 16	0 32	2 48	1 22	12 28	2 24	21 28	0 41	18 45	1 19	10 49	15 28	22 59	22 50	21 13		n.a.
T 21	23 29	8 1	4 49	23 36	0 7	10 4	4 14	0 28	0 33	2 46	1 22	12 27	2 24	21 28	0 41	18 46	1 19	10 49	15 28	22 59	22 51	21 14		n.a.
F 22	23 33	2 59	5 10	23 17	0n 9	10 19	4 14	0 39	0 34	2 44	1 21	12 25	2 24	21 29	0 42	18 46	1 19	10 49	15 28	22 59	22 51	21 15		n.a.
S 23	23 37	2s20	5 15	22 58	0 25	10 33	4 14	0 51	0 35	2 42	1 21	12 23	2 24	21 29	0 42	18 47	1 19	10 49	15 29	22 59	22 51	21 17		n.a.
S 24	23 40	7 44	5 1	22 39	0 42	10 48	4 14	1 3	0 36	2 40	1 21	12 22	2 23	21 29	0 42	18 47	1 19	10 49	15 29	22 59	22 52	21 18		n.a.
M25	23 43	12 51	4 27	22 19	0 59	11 4	4 14	1 15	0 37	2 37	1 20	12 20	2 23	21 30	0 42	18 48	1 19	10 49	15 30	23 0	22 52	21 19		n.a.
T 26	23 45	17 20	3 35	22 1	1 18	11 19	4 14	1 27	0 38	2 35	1 20	12 18	2 23	21 30	0 42	18 48	1 19	10 49	15 30	23 0	22 52	21 20		n.a.
W27	23 46	20 44	2 27	21 43	1 36	11 35	4 13	1 39	0 39	2 33	1 20	12 16	2 23	21 31	0 42	18 49	1 19	10 49	15 31	23 0	22 53	21 22		n.a.
T 28	23 48	22 40	1 8	21 26	1 54	11 52	4 12	1 51	0 40	2 30	1 19	12 15	2 23	21 31	0 42	18 49	1 19	10 49	15 31	23 0	22 53	21 23		n.a.
F 29	23 48	22 55	0s16	21 10	2 12	12 8	4 11	2 3	0 41	2 28	1 19	12 13	2 22	21 32	0 42	18 50	1 19	10 49	15 32	23 0	22 54	21 24		n.a.
S 30	23 49	21 32	1 37	20 56	2 29	12 24	4 10	2 16	0 42	2 25	1 19	12 11	2 22	21 32	0 42	18 50	1 19	10 49	15 32	23 0	22 54	21 25		n.a.
S 31	23s48	18s44	2s49	20s43	2n46	12s41	4n 9	2n28	0n43	2s22	1s18	12s 9	2s22	21n33	0n42	18s50	1n19	10n50	15n33	23n 0	22n54	21n27		n.a.

Julian Day Number = 1364177.5, Delta T = 06h56m19s
Ecliptic obliquity = 23°48'40, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°34'44, Lahiri = -17°27'43 Julian Calendar 1 Dec. 979 BCE == Greg. Calendar 22 Nov. 979 BCE

The year -978 astronomical counting style corresponds to year 979 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 978 BCE
geocentric

JANUARY 978 BCE (-977) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 2 37	1♉57'00	0♓51	8°R35	16♏ 5	4♈59	27♓11	4♓45	28°R 4	28♏31	8♎29	14♋34	15♋21	21♊35	n.a.	M 1
T 2	6 6 34	2°57'48	14°29	7♉34	16°59	5°28	27°17	4°50	28♋ 1	28°33	8°30	14°35	15°18	21°41	n.a.	T 2
W 3	6 10 30	3°58'34	27°40	6°27	17°53	5°57	27°23	4°55	27°59	28°35	8°31	14°35	15°15	21°48	n.a.	W 3
T 4	6 14 27	4°59'18	10♈29	5°18	18°48	6°26	27°30	5° 0	27°57	28°36	8°31	14°R35	15°12	21°55	n.a.	T 4
F 5	6 18 23	6° 0'00	22°58	4° 7	19°44	6°55	27°37	5° 5	27°54	28°38	8°32	14°35	15° 9	22° 1	n.a.	F 5
S 6	6 22 20	7° 0'41	5♉11	2°56	20°40	7°25	27°44	5°10	27°52	28°40	8°32	14°34	15° 5	22° 8	n.a.	S 6
S 7	6 26 17	8° 1'20	17°13	1°48	21°37	7°55	27°51	5°15	27°50	28°42	8°33	14°33	15° 2	22°15	n.a.	S 7
M 8	6 30 13	9° 1'57	29° 7	0°44	22°34	8°25	27°58	5°21	27°47	28°44	8°33	14°32	14°59	22°21	n.a.	M 8
T 9	6 34 10	10° 2'32	10♊57	29♐45	23°32	8°55	28° 5	5°26	27°45	28°46	8°34	14°32	14°56	22°28	n.a.	T 9
W10	6 38 6	11° 3'06	22°45	28°52	24°30	9°25	28°13	5°31	27°42	28°48	8°34	14°31	14°53	22°35	n.a.	W10
T 11	6 42 3	12° 3'38	4♋33	28° 7	25°29	9°55	28°20	5°37	27°40	28°49	8°34	14°31	14°50	22°41	n.a.	T 11
F 12	6 45 59	13° 4'08	16°26	27°28	26°28	10°26	28°28	5°43	27°37	28°51	8°35	14°D31	14°46	22°48	n.a.	F 12
S 13	6 49 56	14° 4'36	28°23	26°58	27°27	10°56	28°36	5°48	27°35	28°53	8°35	14°R31	14°43	22°55	n.a.	S 13
S 14	6 53 52	15° 5'02	10♌28	26°35	28°27	11°27	28°44	5°54	27°32	28°55	8°35	14°31	14°40	23° 1	n.a.	S 14
M15	6 57 49	16° 5'27	22°42	26°19	29°28	11°58	28°52	6° 0	27°30	28°56	8°35	14°31	14°37	23° 8	n.a.	M15
T 16	7 1 46	17° 5'50	5♍ 7	26°11	0♐28	12°29	29° 1	6° 6	27°27	28°58	8°36	14°31	14°34	23°14	n.a.	T 16
W17	7 5 42	18° 6'12	17°46	26°D10	1°29	13° 0	29° 9	6°12	27°25	29° 0	8°36	14°30	14°30	23°21	n.a.	W17
T 18	7 9 39	19° 6'31	0♎42	26°16	2°31	13°31	29°18	6°18	27°22	29° 1	8°36	14°30	14°27	23°28	n.a.	T 18
F 19	7 13 35	20° 6'50	13°56	26°28	3°33	14° 3	29°26	6°24	27°19	29° 3	8°36	14°D30	14°24	23°34	n.a.	F 19
S 20	7 17 32	21° 7'06	27°31	26°46	4°35	14°34	29°35	6°30	27°17	29° 5	8°R36	14°30	14°21	23°41	n.a.	S 20
S 21	7 21 28	22° 7'21	11♏28	27° 9	5°37	15° 6	29°44	6°37	27°14	29° 6	8°36	14°30	14°18	23°48	n.a.	S 21
M22	7 25 25	23° 7'35	25°46	27°37	6°40	15°38	29°54	6°43	27°12	29° 8	8°36	14°31	14°15	23°54	n.a.	M22
T 23	7 29 21	24° 7'47	10♐24	28°11	7°43	16°10	0♈ 3	6°49	27° 9	29° 9	8°36	14°32	14°11	24° 1	n.a.	T 23
W24	7 33 18	25° 7'57	25°16	28°48	8°46	16°41	0°12	6°56	27° 6	29°11	8°36	14°32	14° 8	24° 8	n.a.	W24
T 25	7 37 15	26° 8'05	10♑16	29°30	9°50	17°14	0°22	7° 2	27° 4	29°12	8°35	14°R33	14° 5	24°14	n.a.	T 25
F 26	7 41 11	27° 8'12	25°17	0♑16	10°53	17°46	0°31	7° 9	27° 1	29°13	8°35	14°33	14° 2	24°21	n.a.	F 26
S 27	7 45 8	28° 8'16	10♒ 9	1° 5	11°57	18°18	0°41	7°15	26°59	29°15	8°35	14°32	13°59	24°28	n.a.	S 27
S 28	7 49 4	29° 8'18	24°44	1°57	13° 2	18°50	0°51	7°22	26°56	29°16	8°35	14°30	13°56	24°34	n.a.	S 28
M29	7 53 1	0♒ 8'18	8♓57	2°52	14° 6	19°23	1° 1	7°28	26°53	29°18	8°35	14°28	13°52	24°41	n.a.	M29
T 30	7 56 57	1° 8'16	22°45	3°51	15°11	19°55	1°11	7°35	26°51	29°19	8°34	14°26	13°49	24°48	n.a.	T 30
W31	8 0 54	2♒ 8'11	6♈ 5	4♉52	16♐16	20♈28	1♈21	7♓42	26♋48	29♏20	8♎34	14♋24	13♋46	24♊54	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸		⚷		⚷		⚷		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl		decl	lat
M 1	23 s48	14 s55	3 s50	20 s32	3n 0	12 s58	4n 7	2n40	0n43	2 s20	1 s18	12 s 7	2 s22	21n33	0n42	18 s51	1n19	10n50	15n33	23n 0		22n55		21n28					n.a.
T 2	23 47	10 25	4 35	20 22	3 14	13 15	4 5	2 53	0 44	2 17	1 18	12 5	2 22	21 34	0 42	18 51	1 19	10 50	15 34	23 0		22 55		21 29					n.a.
W 3	23 45	5 34	5 4	20 14	3 25	13 32	4 3	3 5	0 45	2 14	1 17	12 3	2 21	21 34	0 42	18 52	1 19	10 50	15 34	23 0		22 55		21 30					n.a.
T 4	23 43	0 38	5 17	20 8	3 34	13 49	4 1	3 18	0 46	2 11	1 17	12 1	2 21	21 35	0 42	18 52	1 19	10 50	15 35	23 0		22 56		21 31					n.a.
F 5	23 40	4n13	5 14	20 4	3 41	14 6	3 59	3 30	0 47	2 8	1 17	11 59	2 21	21 35	0 42	18 53	1 19	10 51	15 35	23 0		22 56		21 33					n.a.
S 6	23 37	8 47	4 57	20 2	3 45	14 23	3 57	3 43	0 48	2 5	1 17	11 56	2 21	21 36	0 42	18 53	1 19	10 51	15 36	23 0		22 57		21 34					n.a.
S 7	23 34	12 58	4 28	20 1	3 47	14 41	3 55	3 55	0 48	2 2	1 16	11 54	2 21	21 36	0 42	18 53	1 19	10 51	15 36	23 0		22 57		21 35					n.a.
M 8	23 30	16 35	3 47	20 2	3 47	14 58	3 52	4 8	0 49	1 59	1 16	11 52	2 21	21 37	0 42	18 54	1 19	10 51	15 37	23 0		22 57		21 36					n.a.
T 9	23 25	19 32	2 56	20 4	3 45	15 15	3 49	4 21	0 50	1 56	1 16	11 50	2 20	21 37	0 42	18 54	1 19	10 52	15 37	23 0		22 58		21 38					n.a.
W10	23 21	21 39	1 58	20 8	3 41	15 32	3 47	4 34	0 51	1 52	1 15	11 48	2 20	21 38	0 42	18 55	1 19	10 52	15 38	23 0		22 58		21 39					n.a.
T 11	23 15	22 49	0 55	20 13	3 35	15 49	3 44	4 46	0 51	1 49	1 15	11 45	2 20	21 38	0 42	18 55	1 20	10 52	15 38	23 0		22 58		21 40					n.a.
F 12	23 9	22 58	0n11	20 20	3 27	16 5	3 41	4 59	0 52	1 46	1 15	11 43	2 20	21 39	0 42	18 55	1 20	10 53	15 39	23 0		22 59		21 41					n.a.
S 13	23 3	22 3	1 16	20 28	3 19	16 22	3 38	5 12	0 53	1 42	1 14	11 41	2 20	21 39	0 42	18 56	1 20	10 53	15 39	23 0		22 59		21 42					n.a.
S 14	22 57	20 7	2 19	20 37	3 9	16 38	3 34	5 25	0 53	1 39	1 14	11 39	2 20	21 40	0 42	18 56	1 20	10 53	15 39	23 0		22 59		21 43					n.a.
M15	22 49	17 15	3 17	20 46	2 59	16 55	3 31	5 38	0 54	1 35	1 14	11 36	2 19	21 40	0 42	18 56	1 20	10 54	15 40	23 0		23 0		21 45					n.a.
T 16	22 42	13 35	4 6	20 57	2 48	17 11	3 28	5 51	0 55	1 31	1 14	11 34	2 19	21 41	0 42	18 57	1 20	10 54	15 40	23 0		23 0		21 46					n.a.
W17	22 34	9 15	4 44	21 8	2 37	17 27	3 24	6 3	0 55	1 28	1 13	11 31	2 19	21 41	0 42	18 57	1 20	10 54	15 41	23 0		23 0		21 47					n.a.
T 18	22 25	4 25	5 9	21 20	2 25	17 43	3 21	6 16	0 56	1 24	1 13	11 29	2 19	21 42	0 42	18 57	1 20	10 55	15 41	23 1		23 1		21 48					n.a.
F 19	22 17	0 s43	5 18	21 32	2 13	17 58	3 17	6 29	0 56	1 20	1 13	11 27	2 19	21 42	0 42	18 58	1 20	10 55	15 42	23 1		23 1		21 49					n.a.
S 20	22 7	5 56	5 10	21 45	2 1	18 13	3 13	6 42	0 57	1 16	1 13	11 24	2 19	21 43	0 42	18 58	1 20	10 56	15 42	23 1		23 1		21 50					n.a.
S 21	21 58	11 1	4 43	21 57	1 49	18 28	3 10	6 55	0 58	1 12	1 12	11 22	2 18	21 43	0 42	18 58	1 20	10 56	15 43	23 0		23 2		21 52					n.a.
M22	21 48	15 38	3 59	22 10	1 37	18 43	3 6	7 8	0 58	1 9	1 12	11 19	2 18	21 44	0 42	18 59	1 20	10 57	15 43	23 0		23 2		21 53					n.a.
T 23	21 37	19 25	2 59	22 22	1 25	18 57	3 2	7 21	0 59	1 5	1 12	11 17	2 18	21 45	0 42	18 59	1 20	10 57	15 44	23 0		23 3		21 54					n.a.
W24	21 26	21 59	1 45	22 35	1 14	19 11	2 58	7 34	0 59	1 0	1 12	11 14	2 18	21 45	0 42	18 59	1 20	10 57	15 44	23 0		23 3		21 55					n.a.
T 25	21 15	23 1	0 24	22 46	1 2	19 24	2 54	7 47	1 0	0 56	1 11	11 12	2 18	21 46	0 42	19 0	1 20	10 58	15 45	23 0		23 3		21 56					n.a.
F 26	21 3	22 23	0 s59	22 58	0 51	19 38	2 50	8 0	1 0	0 52	1 11	11 9	2 18	21 46	0 42	19 0	1 20	10 58	15 45	23 0		23 4		21 57					n.a.
S 27	20 51	20 11	2 17	23 9	0 40	19 50	2 46	8 13	1 1	0 48	1 11	11 6	2 18	21 47	0 42	19 0	1 20	10 59	15 46	23 0		23 4		21 58					n.a.
S 28	20 39	16 41	3 25	23 19	0 29	20 3	2 41	8 26	1 1	0 44	1 11	11 4	2 18	21 47	0 42	19 0	1 20	11 0	15 46	23 0		23 4		21 59					n.a.
M29	20 26	12 18	4 18	23 29	0 18	20 15	2 37	8 39	1 2	0 40	1 10	11 1	2 17	21 48	0 42	19 1	1 20	11 0	15 47	23 1		23 5		22 1					n.a.
T 30	20 13	7 25	4 54	23 37	0 8	20 26	2 33	8 52	1 2	0 35	1 10	10 58	2 17	21 48	0 42	19 1	1 20	11 1	15 47	23 1		23 5		22 2					n.a.
W31	19 s59	2 s19	5 s13	23 s45	0 s 2	20 s38	2n29	9n 5	1n 3	0 s31	1 s10	10 s56	2 s17	21n49	0n42	19 s 1	1n20	11n 1	15n48	23n 1		23n 5		22n 3					n.a.

Julian Day Number = 1364208.5, Delta T = 06h56m18s
Ecliptic obliquity = 23°48'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°34'40, Lahiri = -17°27'39 Julian Calendar 1 Jan. 978 BCE == Greg. Calendar 23 Dec. 979 BCE

The year -977 astronomical counting style corresponds to year 978 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 978 BCE
geocentric

FEBRUARY 978 BCE (-977) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 4 50	3♒ 8'04	19♈ 1	5♑55	17♐21	21♈ 1	1♈32	7♓49	26°R45	29♏21	8°R33	14°R22	13♋43	25♊ 1	n.a.	T 1
F 2	8 8 47	4° 7'55	1♉33	7° 1	18°26	21°34	1°42	7°56	26♋43	29°23	8♎33	14°D22	13°40	25° 8	n.a.	F 2
S 3	8 12 43	5° 7'43	13°48	8° 9	19°32	22° 7	1°53	8° 2	26°40	29°24	8°33	14♋22	13°36	25°14	n.a.	S 3
S 4	8 16 40	6° 7'29	25°48	9°19	20°37	22°40	2° 3	8° 9	26°38	29°25	8°32	14°23	13°33	25°21	n.a.	S 4
M 5	8 20 37	7° 7'13	7♊40	10°32	21°43	23°13	2°14	8°16	26°35	29°26	8°32	14°25	13°30	25°28	n.a.	M 5
T 6	8 24 33	8° 6'54	19°28	11°46	22°49	23°46	2°25	8°23	26°32	29°27	8°31	14°26	13°27	25°34	n.a.	T 6
W 7	8 28 30	9° 6'33	1♋16	13° 2	23°55	24°19	2°36	8°31	26°30	29°28	8°30	14°28	13°24	25°41	n.a.	W 7
T 8	8 32 26	10° 6'10	13° 7	14°19	25° 2	24°52	2°47	8°38	26°27	29°29	8°30	14°R29	13°21	25°48	n.a.	T 8
F 9	8 36 23	11° 5'44	25° 5	15°39	26° 8	25°26	2°58	8°45	26°25	29°30	8°29	14°28	13°17	25°54	n.a.	F 9
S 10	8 40 19	12° 5'17	7♌13	17° 0	27°15	25°59	3° 9	8°52	26°22	29°31	8°28	14°26	13°14	26° 1	n.a.	S 10
S 11	8 44 16	13° 4'47	19°31	18°23	28°22	26°33	3°21	8°59	26°20	29°32	8°28	14°23	13°11	26° 8	n.a.	S 11
M12	8 48 12	14° 4'14	2♍ 2	19°47	29°29	27° 6	3°32	9° 6	26°17	29°33	8°27	14°19	13° 8	26°14	n.a.	M12
T 13	8 52 9	15° 3'40	14°45	21°13	0♑36	27°40	3°43	9°14	26°15	29°34	8°26	14°13	13° 5	26°21	n.a.	T 13
W14	8 56 6	16° 3'04	27°42	22°40	1°43	28°13	3°55	9°21	26°13	29°35	8°25	14° 8	13° 2	26°27	n.a.	W14
T 15	9 0 2	17° 2'25	10♎52	24° 9	2°51	28°47	4° 7	9°28	26°10	29°36	8°24	14° 3	12°58	26°34	n.a.	T 15
F 16	9 3 59	18° 1'45	24°16	25°39	3°58	29°21	4°18	9°36	26° 8	29°37	8°24	14° 0	12°55	26°41	n.a.	F 16
S 17	9 7 55	19° 1'03	7♏54	27°10	5° 6	29°55	4°30	9°43	26° 5	29°37	8°23	13°58	12°52	26°47	n.a.	S 17
S 18	9 11 52	20° 0'18	21°45	28°43	6°14	0♉29	4°42	9°51	26° 3	29°38	8°22	13°D57	12°49	26°54	n.a.	S 18
M19	9 15 48	20°59'33	5♐50	0♒17	7°22	1° 3	4°54	9°58	26° 1	29°39	8°21	13°58	12°46	27° 1	n.a.	M19
T 20	9 19 45	21°58'45	20° 8	1°53	8°30	1°37	5° 6	10° 6	25°58	29°40	8°20	13°59	12°42	27° 7	n.a.	T 20
W21	9 23 41	22°57'55	4♑36	3°30	9°38	2°11	5°18	10°13	25°56	29°40	8°19	14° 1	12°39	27°14	n.a.	W21
T 22	9 27 38	23°57'04	19°12	5° 9	10°46	2°45	5°30	10°21	25°54	29°41	8°18	14°R 1	12°36	27°21	n.a.	T 22
F 23	9 31 35	24°56'10	3♒50	6°49	11°55	3°19	5°43	10°28	25°52	29°41	8°17	13°59	12°33	27°27	n.a.	F 23
S 24	9 35 31	25°55'15	18°24	8°30	13° 3	3°54	5°55	10°36	25°50	29°42	8°16	13°56	12°30	27°34	n.a.	S 24
S 25	9 39 28	26°54'17	2♓47	10°13	14°12	4°28	6° 7	10°43	25°47	29°42	8°14	13°50	12°27	27°41	n.a.	S 25
M26	9 43 24	27°53'17	16°54	11°57	15°20	5° 3	6°20	10°51	25°45	29°43	8°13	13°43	12°23	27°47	n.a.	M26
T 27	9 47 21	28°52'15	0♈40	13°43	16°29	5°37	6°32	10°59	25°43	29°43	8°12	13°36	12°20	27°54	n.a.	T 27
W28	9 51 17	29♒51'10	14♈ 3	15♒30	17♑38	6♉11	6♈45	11♓ 6	25♋41	29♏44	8♎11	13♋29	12♋17	28♊ 1	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s46	2n42	5s15	23s52	0s12	20s48	2n24	9n18	1n 3	0s27	1s10	10s53	2s17	21n49	0n42	19s 1	1n20	11n 2	15n48	23n 1	23n 6	22n 4		n.a.
F 2	19 31	7 29	5 2	23 59	0 21	20 59	2 20	9 31	1 4	0 22	1 9	10 50	2 17	21 50	0 42	19 2	1 20	11 2	15 48	23 1	23 6	22 5		n.a.
S 3	19 17	11 51	4 36	24 4	0 30	21 8	2 16	9 44	1 4	0 18	1 9	10 48	2 17	21 50	0 42	19 2	1 20	11 3	15 49	23 1	23 6	22 6		n.a.
S 4	19 2	15 40	3 57	24 8	0 39	21 18	2 11	9 57	1 5	0 13	1 9	10 45	2 17	21 51	0 42	19 2	1 20	11 3	15 49	23 1	23 7	22 7		n.a.
M 5	18 47	18 49	3 9	24 10	0 47	21 26	2 7	10 10	1 5	0 9	1 9	10 42	2 17	21 51	0 42	19 2	1 20	11 4	15 50	23 1	23 7	22 8		n.a.
T 6	18 31	21 10	2 14	24 12	0 55	21 35	2 2	10 22	1 5	0 4	1 8	10 39	2 17	21 52	0 42	19 3	1 20	11 5	15 50	23 1	23 7	22 9		n.a.
W 7	18 15	22 36	1 12	24 12	1 3	21 42	1 58	10 35	1 6	0n 1	1 8	10 37	2 16	21 52	0 42	19 3	1 20	11 5	15 51	23 1	23 8	22 10		n.a.
T 8	17 59	23 2	0 7	24 12	1 10	21 50	1 53	10 48	1 6	0 5	1 8	10 34	2 16	21 53	0 42	19 3	1 20	11 6	15 51	23 1	23 8	22 11		n.a.
F 9	17 43	22 24	0n58	24 9	1 17	21 56	1 49	11 1	1 7	0 10	1 8	10 31	2 16	21 53	0 42	19 3	1 20	11 7	15 51	23 1	23 8	22 12		n.a.
S 10	17 26	20 43	2 2	24 6	1 24	22 2	1 44	11 14	1 7	0 15	1 8	10 28	2 16	21 54	0 42	19 3	1 20	11 7	15 52	23 1	23 8	22 13		n.a.
S 11	17 9	18 3	3 1	24 1	1 30	22 8	1 40	11 26	1 7	0 19	1 7	10 25	2 16	21 54	0 42	19 3	1 20	11 8	15 52	23 1	23 9	22 14		n.a.
M12	16 52	14 31	3 52	23 54	1 36	22 13	1 36	11 39	1 8	0 24	1 7	10 22	2 16	21 55	0 42	19 4	1 20	11 9	15 53	23 2	23 9	22 16		n.a.
T 13	16 34	10 16	4 32	23 46	1 41	22 18	1 31	11 52	1 8	0 29	1 7	10 20	2 16	21 55	0 42	19 4	1 20	11 9	15 53	23 2	23 9	22 17		n.a.
W14	16 16	5 30	5 0	23 37	1 46	22 21	1 27	12 4	1 8	0 34	1 7	10 17	2 16	21 56	0 42	19 4	1 20	11 10	15 54	23 3	23 10	22 18		n.a.
T 15	15 58	0 24	5 12	23 26	1 51	22 25	1 22	12 17	1 9	0 39	1 6	10 14	2 16	21 56	0 42	19 4	1 21	11 11	15 54	23 3	23 10	22 19		n.a.
F 16	15 40	4s48	5 7	23 13	1 55	22 27	1 18	12 29	1 9	0 44	1 6	10 11	2 16	21 56	0 42	19 4	1 21	11 11	15 54	23 4	23 10	22 20		n.a.
S 17	15 21	9 51	4 46	22 59	1 58	22 29	1 13	12 42	1 9	0 48	1 6	10 8	2 16	21 57	0 42	19 4	1 21	11 12	15 55	23 4	23 11	22 21		n.a.
S 18	15 2	14 31	4 7	22 43	2 2	22 31	1 9	12 54	1 10	0 53	1 6	10 5	2 16	21 57	0 42	19 4	1 21	11 13	15 55	23 4	23 11	22 22		n.a.
M19	14 43	18 27	3 13	22 26	2 5	22 32	1 4	13 7	1 10	0 58	1 6	10 2	2 16	21 58	0 42	19 5	1 21	11 13	15 55	23 4	23 11	22 23		n.a.
T 20	14 24	21 20	2 6	22 7	2 7	22 32	1 0	13 19	1 10	1 3	1 6	9 59	2 16	21 58	0 42	19 5	1 21	11 14	15 56	23 4	23 12	22 24		n.a.
W21	14 4	22 53	0 51	21 46	2 9	22 32	0 56	13 31	1 11	1 8	1 5	9 56	2 16	21 59	0 42	19 5	1 21	11 15	15 56	23 4	23 12	22 25		n.a.
T 22	13 45	22 53	0s28	21 23	2 11	22 31	0 51	13 44	1 11	1 14	1 5	9 53	2 15	21 59	0 42	19 5	1 21	11 16	15 56	23 4	23 12	22 26		n.a.
F 23	13 25	21 18	1 46	20 59	2 12	22 29	0 47	13 56	1 11	1 19	1 5	9 50	2 15	21 59	0 42	19 5	1 21	11 16	15 57	23 4	23 13	22 27		n.a.
S 24	13 4	18 20	2 56	20 33	2 12	22 27	0 43	14 8	1 12	1 24	1 5	9 47	2 15	22 0	0 42	19 5	1 21	11 17	15 57	23 4	23 13	22 28		n.a.
S 25	12 44	14 16	3 54	20 5	2 12	22 24	0 39	14 20	1 12	1 29	1 5	9 44	2 15	22 0	0 42	19 5	1 21	11 18	15 57	23 5	23 13	22 29		n.a.
M26	12 24	9 28	4 36	19 35	2 12	22 21	0 34	14 32	1 12	1 34	1 4	9 42	2 15	22 1	0 42	19 5	1 21	11 19	15 58	23 6	23 13	22 30		n.a.
T 27	12 3	4 19	5 1	19 3	2 11	22 17	0 30	14 44	1 12	1 39	1 4	9 39	2 15	22 1	0 42	19 5	1 21	11 19	15 58	23 6	23 14	22 31		n.a.
W28	11s42	0n53	5s 9	18s30	2s10	22s12	0n26	14n56	1n13	1n44	1s 4	9s36	2s15	22n 1	0n42	19s 5	1n21	11n20	15n58	23n 7	23n14	22n31		n.a.

Julian Day Number = 1364239.5, Delta T = 06h56m16s
Ecliptic obliquity = 23°48'41, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°34'35, Lahiri = -17°27'35 Julian Calendar 1 Feb. 978 BCE == Greg. Calendar 23 Jan. 978 BCE

The year -977 astronomical counting style corresponds to year 978 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 978 BCE
geocentric

MARCH 978 BCE (-977) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 55 14	0♓50'03	27♈ 1	17♒18	18♉47	6♉46	6♈58	11♓14	25°R39	29♏44	8°R10	13°R22	12♋14	28♊ 7	n.a.	T 1
F 2	9 59 10	1°48'54	9♉37	19° 8	19°56	7°21	7°10	11°22	25♋37	29°44	8♎ 8	13♋18	12°11	28°14	n.a.	F 2
S 3	10 3 7	2°47'42	21°54	20°59	21° 5	7°55	7°23	11°29	25°35	29°45	8° 7	13°15	12° 8	28°21	n.a.	S 3
S 4	10 7 3	3°46'28	3♊56	22°52	22°14	8°30	7°36	11°37	25°33	29°45	8° 6	13°D15	12° 4	28°27	n.a.	S 4
M 5	10 11 0	4°45'12	15°48	24°47	23°23	9° 5	7°49	11°45	25°32	29°45	8° 5	13°15	12° 1	28°34	n.a.	M 5
T 6	10 14 57	5°43'53	27°36	26°42	24°33	9°39	8° 2	11°52	25°30	29°46	8° 3	13°16	11°58	28°40	n.a.	T 6
W 7	10 18 53	6°42'32	9♋25	28°40	25°42	10°14	8°15	12° 0	25°28	29°46	8° 2	13°R17	11°55	28°47	n.a.	W 7
T 8	10 22 50	7°41'09	21°20	0♓38	26°52	10°49	8°28	12° 8	25°26	29°46	8° 1	13°17	11°52	28°54	n.a.	T 8
F 9	10 26 46	8°39'43	3♌24	2°38	28° 1	11°24	8°41	12°16	25°25	29°46	7°59	13°15	11°48	29° 0	n.a.	F 9
S 10	10 30 43	9°38'15	15°42	4°40	29°11	11°59	8°54	12°23	25°23	29°46	7°58	13°10	11°45	29° 7	n.a.	S 10
S 11	10 34 39	10°36'45	28°14	6°42	0♒20	12°34	9° 7	12°31	25°21	29°46	7°56	13° 3	11°42	29°14	n.a.	S 11
M12	10 38 36	11°35'13	11♍ 4	8°46	1°30	13° 9	9°20	12°39	25°20	29°R46	7°55	12°55	11°39	29°20	n.a.	M12
T 13	10 42 32	12°33'39	24° 9	10°51	2°40	13°44	9°34	12°46	25°18	29°46	7°53	12°45	11°36	29°27	n.a.	T 13
W14	10 46 29	13°32'03	7♎29	12°57	3°50	14°19	9°47	12°54	25°17	29°46	7°52	12°34	11°33	29°34	n.a.	W14
T 15	10 50 25	14°30'25	21° 2	15° 3	5° 0	14°54	10° 0	13° 2	25°15	29°46	7°50	12°25	11°29	29°40	n.a.	T 15
F 16	10 54 22	15°28'45	4♏46	17°11	6°10	15°29	10°14	13°10	25°14	29°46	7°49	12°17	11°26	29°47	n.a.	F 16
S 17	10 58 19	16°27'03	18°37	19°18	7°20	16° 4	10°27	13°17	25°12	29°46	7°47	12°11	11°23	29°54	n.a.	S 17
S 18	11 2 15	17°25'20	2♐36	21°26	8°30	16°40	10°41	13°25	25°11	29°45	7°46	12° 9	11°20	0♋ 0	n.a.	S 18
M19	11 6 12	18°23'36	16°39	23°34	9°40	17°15	10°54	13°33	25°10	29°45	7°44	12°D 8	11°17	0° 7	n.a.	M19
T 20	11 10 8	19°21'49	0♑47	25°42	10°50	17°50	11° 8	13°41	25° 9	29°45	7°43	12° 8	11°13	0°14	n.a.	T 20
W21	11 14 5	20°20'02	14°58	27°49	12° 1	18°26	11°21	13°48	25° 8	29°45	7°41	12°R 8	11°10	0°20	n.a.	W21
T 22	11 18 1	21°18'12	29°11	29°54	13°11	19° 1	11°35	13°56	25° 6	29°44	7°40	12° 7	11° 7	0°27	n.a.	T 22
F 23	11 21 58	22°16'21	13♒23	1♈59	14°21	19°36	11°48	14° 4	25° 5	29°44	7°38	12° 4	11° 4	0°33	n.a.	F 23
S 24	11 25 54	23°14'28	27°31	4° 2	15°32	20°12	12° 2	14°11	25° 4	29°44	7°36	11°58	11° 1	0°40	n.a.	S 24
S 25	11 29 51	24°12'34	11♓31	6° 3	16°42	20°47	12°16	14°19	25° 3	29°43	7°35	11°49	10°58	0°47	n.a.	S 25
M26	11 33 47	25°10'38	25°19	8° 3	17°53	21°23	12°29	14°27	25° 2	29°43	7°33	11°38	10°54	0°53	n.a.	M26
T 27	11 37 44	26° 8'40	8♈51	9°59	19° 3	21°58	12°43	14°34	25° 2	29°42	7°32	11°27	10°51	1° 0	n.a.	T 27
W28	11 41 41	27° 6'40	22° 4	11°53	20°14	22°34	12°57	14°42	25° 1	29°42	7°30	11°15	10°48	1° 7	n.a.	W28
T 29	11 45 37	28° 4'38	4♉57	13°44	21°25	23° 9	13°11	14°50	25° 0	29°41	7°28	11° 4	10°45	1°13	n.a.	T 29
F 30	11 49 34	29° 2'35	17°31	15°33	22°35	23°45	13°25	14°57	24°59	29°41	7°27	10°56	10°42	1°20	n.a.	F 30
S 31	11 53 30	0♈ 0'29	29♉47	17♈18	23♒46	24♉21	13♈38	15♓ 5	24♋59	29♏40	7♎25	10♋50	10♋39	1♋27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	11s21	5n54	5s 0	17s55	2s 8	22s 7	0n22	15n 8	1n13	1n50	1s 4	9s33	2s15	22n 2	0n42	19s 5	1n21	11n21	15n59	23n 8	23n14	22n32		n.a.	T 1
F 2	11 0	10 32	4 37	17 18	2 5	22 1	0 18	15 20	1 13	1 55	1 4	9 30	2 15	22 2	0 42	19 5	1 21	11 22	15 59	23 8	23 15	22 33		n.a.	F 2
S 3	10 38	14 38	4 2	16 39	2 3	21 54	0 14	15 31	1 13	2 0	1 4	9 27	2 15	22 2	0 42	19 5	1 21	11 22	15 59	23 8	23 15	22 34		n.a.	S 3
S 4	10 17	18 3	3 16	15 58	1 59	21 47	0 10	15 43	1 14	2 5	1 3	9 24	2 15	22 3	0 42	19 5	1 21	11 23	16 0	23 8	23 15	22 35		n.a.	S 4
M 5	9 55	20 41	2 23	15 16	1 55	21 39	0 6	15 54	1 14	2 11	1 3	9 21	2 15	22 3	0 42	19 5	1 21	11 24	16 0	23 8	23 16	22 36		n.a.	M 5
T 6	9 33	22 24	1 24	14 32	1 50	21 31	0 2	16 6	1 14	2 16	1 3	9 18	2 15	22 3	0 42	19 6	1 21	11 25	16 0	23 8	23 16	22 37		n.a.	T 6
W 7	9 11	23 7	0 21	13 46	1 45	21 22	0s 2	16 17	1 14	2 21	1 3	9 15	2 15	22 4	0 42	19 6	1 21	11 25	16 0	23 8	23 16	22 38		n.a.	W 7
T 8	8 49	22 48	0n43	12 58	1 40	21 12	0 5	16 29	1 14	2 27	1 3	9 12	2 15	22 4	0 42	19 6	1 21	11 26	16 1	23 8	23 16	22 39		n.a.	T 8
F 9	8 27	21 25	1 46	12 9	1 33	21 2	0 9	16 40	1 15	2 32	1 3	9 9	2 15	22 4	0 42	19 5	1 21	11 27	16 1	23 8	23 17	22 40		n.a.	F 9
S 10	8 5	19 0	2 45	11 17	1 27	20 51	0 13	16 51	1 15	2 38	1 2	9 6	2 15	22 5	0 42	19 5	1 21	11 28	16 1	23 9	23 17	22 41		n.a.	S 10
S 11	7 42	15 39	3 37	10 25	1 19	20 39	0 16	17 2	1 15	2 43	1 2	9 3	2 15	22 5	0 42	19 5	1 21	11 28	16 1	23 10	23 17	22 42		n.a.	S 11
M12	7 20	11 31	4 19	9 31	1 12	20 27	0 20	17 13	1 15	2 48	1 2	9 0	2 15	22 5	0 42	19 5	1 21	11 29	16 1	23 10	23 18	22 43		n.a.	M12
T 13	6 57	6 46	4 48	8 35	1 3	20 15	0 23	17 24	1 15	2 54	1 2	8 57	2 15	22 5	0 42	19 5	1 21	11 30	16 2	23 11	23 18	22 44		n.a.	T 13
W14	6 34	1 37	5 3	7 38	0 54	20 2	0 27	17 35	1 16	2 59	1 2	8 54	2 15	22 6	0 42	19 5	1 21	11 31	16 2	23 12	23 18	22 44		n.a.	W14
T 15	6 11	3s42	5 1	6 40	0 45	19 48	0 30	17 46	1 16	3 5	1 2	8 51	2 15	22 6	0 42	19 5	1 22	11 31	16 2	23 13	23 18	22 45		n.a.	T 15
F 16	5 49	8 54	4 41	5 41	0 36	19 34	0 33	17 56	1 16	3 10	1 2	8 48	2 15	22 6	0 42	19 5	1 22	11 32	16 2	23 14	23 19	22 46		n.a.	F 16
S 17	5 26	13 42	4 5	4 41	0 25	19 19	0 37	18 7	1 16	3 16	1 1	8 45	2 15	22 6	0 42	19 5	1 22	11 33	16 2	23 15	23 19	22 47		n.a.	S 17
S 18	5 3	17 50	3 14	3 41	0 15	19 4	0 40	18 17	1 16	3 21	1 1	8 42	2 15	22 7	0 42	19 5	1 22	11 34	16 2	23 15	23 19	22 48		n.a.	S 18
M19	4 40	20 57	2 11	2 40	0 5	18 48	0 43	18 28	1 16	3 27	1 1	8 39	2 15	22 7	0 42	19 5	1 22	11 34	16 3	23 15	23 19	22 49		n.a.	M19
T 20	4 16	22 48	1 0	1 38	0n 6	18 31	0 46	18 38	1 16	3 32	1 1	8 36	2 15	22 7	0 42	19 5	1 22	11 35	16 3	23 15	23 20	22 50		n.a.	T 20
W21	3 53	23 12	0s15	0 37	0 17	18 14	0 49	18 48	1 17	3 38	1 1	8 33	2 15	22 7	0 42	19 5	1 22	11 36	16 3	23 15	23 20	22 50		n.a.	W21
T 22	3 30	22 6	1 29	0n24	0 28	17 57	0 52	18 58	1 17	3 43	1 1	8 30	2 16	22 7	0 42	19 5	1 22	11 36	16 3	23 15	23 20	22 51		n.a.	T 22
F 23	3 7	19 35	2 38	1 24	0 39	17 39	0 55	19 8	1 17	3 49	1 1	8 27	2 16	22 8	0 42	19 5	1 22	11 37	16 3	23 15	23 21	22 52		n.a.	F 23
S 24	2 43	15 54	3 36	2 24	0 50	17 20	0 57	19 18	1 17	3 54	1 1	8 24	2 16	22 8	0 41	19 4	1 22	11 38	16 3	23 16	23 21	22 53		n.a.	S 24
S 25	2 20	11 22	4 21	3 22	1 1	17 1	1 0	19 28	1 17	4 0	1 0	8 21	2 16	22 8	0 41	19 4	1 22	11 39	16 3	23 17	23 21	22 54		n.a.	S 25
M26	1 57	6 18	4 50	4 20	1 11	16 42	1 3	19 38	1 17	4 5	1 0	8 18	2 16	22 8	0 41	19 4	1 22	11 39	16 3	23 18	23 21	22 55		n.a.	M26
T 27	1 33	1 2	5 1	5 16	1 22	16 22	1 5	19 47	1 17	4 11	1 0	8 15	2 16	22 8	0 41	19 4	1 22	11 40	16 3	23 19	23 22	22 56		n.a.	T 27
W28	1 10	4n 9	4 56	6 10	1 31	16 2	1 7	19 57	1 17	4 16	1 0	8 12	2 16	22 8	0 41	19 4	1 22	11 41	16 3	23 20	23 22	22 56		n.a.	W28
T 29	0 47	9 2	4 36	7 3	1 41	15 41	1 10	20 6	1 18	4 22	1 0	8 9	2 16	22 8	0 41	19 4	1 22	11 41	16 4	23 21	23 22	22 57		n.a.	T 29
F 30	0 23	13 26	4 3	7 53	1 50	15 20	1 12	20 15	1 18	4 27	1 0	8 6	2 16	22 9	0 41	19 4	1 22	11 42	16 4	23 21	23 22	22 58		n.a.	F 30
S 31	0n 0	17n11	3s19	8n42	1n58	14s58	1s14	20n24	1n18	4n33	1s 0	8s 3	2s16	22n 9	0n41	19s 4	1n22	11n43	16n 4	23n22	23n23	22n59		n.a.	S 31

Julian Day Number = 1364267.5, Delta T = 06h56m15s
Ecliptic obliquity = 23°48'41, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°34'32, Lahiri = -17°27'31 Julian Calendar 1 March 978 BCE == Greg. Calendar 20 Feb. 978 BCE

The year -977 astronomical counting style corresponds to year 978 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 978 BCE
geocentric

APRIL 978 BCE (-977) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 57 27	0♈58'22	11♊49	18♈59	24♒57	24♉56	13♈52	15♓13	24°R58	29°R40	7°R23	10°R47	10♋35	1♋33	n.a.	S 1
M 2	12 1 23	1°56'13	23°41	20°37	26° 8	25°32	14° 6	15°20	24♋57	29♏39	7♎22	10♋45	10°32	1°40	n.a.	M 2
T 3	12 5 20	2°54'02	5♋30	22°12	27°18	26° 8	14°20	15°28	24°57	29°38	7°20	10°45	10°29	1°47	n.a.	T 3
W 4	12 9 16	3°51'49	17°20	23°43	28°29	26°44	14°34	15°35	24°56	29°38	7°18	10°45	10°26	1°53	n.a.	W 4
T 5	12 13 13	4°49'34	29°16	25°10	29°40	27°19	14°48	15°43	24°56	29°37	7°17	10°44	10°23	2° 0	n.a.	T 5
F 6	12 17 10	5°47'18	11♌24	26°33	0♓51	27°55	15° 2	15°50	24°56	29°36	7°15	10°41	10°19	2° 7	n.a.	F 6
S 7	12 21 6	6°44'59	23°49	27°52	2° 2	28°31	15°16	15°57	24°55	29°35	7°13	10°36	10°16	2°13	n.a.	S 7
S 8	12 25 3	7°42'39	6♍32	29° 8	3°13	29° 7	15°30	16° 5	24°55	29°34	7°11	10°28	10°13	2°20	n.a.	S 8
M 9	12 28 59	8°40'18	19°36	0♉19	4°24	29°43	15°44	16°12	24°55	29°34	7°10	10°18	10°10	2°26	n.a.	M 9
T 10	12 32 56	9°37'55	3♎ 1	1°27	5°36	0♊19	15°58	16°20	24°55	29°33	7° 8	10° 6	10° 7	2°33	n.a.	T 10
W11	12 36 52	10°35'30	16°45	2°30	6°47	0°55	16°12	16°27	24°55	29°32	7° 6	9°54	10° 4	2°40	n.a.	W11
T 12	12 40 49	11°33'04	0♏43	3°30	7°58	1°31	16°26	16°34	24°D55	29°31	7° 5	9°42	10° 0	2°46	n.a.	T 12
F 13	12 44 45	12°30'37	14°52	4°25	9° 9	2° 7	16°40	16°41	24°55	29°30	7° 3	9°33	9°57	2°53	n.a.	F 13
S 14	12 48 42	13°28'08	29° 7	5°15	10°20	2°43	16°54	16°49	24°55	29°29	7° 1	9°26	9°54	3° 0	n.a.	S 14
S 15	12 52 39	14°25'39	13♐23	6° 2	11°32	3°19	17° 8	16°56	24°55	29°28	7° 0	9°22	9°51	3° 6	n.a.	S 15
M16	12 56 35	15°23'09	27°37	6°44	12°43	3°55	17°22	17° 3	24°55	29°27	6°58	9°21	9°48	3°13	n.a.	M16
T 17	13 0 32	16°20'37	11♑47	7°21	13°54	4°31	17°36	17°10	24°55	29°26	6°56	9°21	9°44	3°20	n.a.	T 17
W18	13 4 28	17°18'05	25°52	7°54	15° 6	5° 7	17°50	17°17	24°56	29°25	6°55	9°21	9°41	3°26	n.a.	W18
T 19	13 8 25	18°15'32	9♒51	8°22	16°17	5°43	18° 4	17°24	24°56	29°24	6°53	9°19	9°38	3°33	n.a.	T 19
F 20	13 12 21	19°12'58	23°43	8°46	17°29	6°19	18°18	17°31	24°56	29°23	6°52	9°16	9°35	3°40	n.a.	F 20
S 21	13 16 18	20°10'23	7♓28	9° 5	18°40	6°55	18°32	17°38	24°57	29°21	6°50	9°10	9°32	3°46	n.a.	S 21
S 22	13 20 14	21° 7'47	21° 3	9°19	19°52	7°31	18°46	17°45	24°57	29°20	6°48	9° 1	9°29	3°53	n.a.	S 22
M23	13 24 11	22° 5'10	4♈27	9°29	21° 3	8° 8	19° 0	17°52	24°58	29°19	6°47	8°50	9°25	4° 0	n.a.	M23
T 24	13 28 8	23° 2'32	17°37	9°34	22°15	8°44	19°14	17°59	24°58	29°18	6°45	8°38	9°22	4° 6	n.a.	T 24
W25	13 32 4	23°59'54	0♉33	9°R34	23°27	9°20	19°28	18° 6	24°59	29°17	6°43	8°26	9°19	4°13	n.a.	W25
T 26	13 36 1	24°57'14	13°13	9°30	24°38	9°57	19°42	18°13	25° 0	29°15	6°42	8°15	9°16	4°19	n.a.	T 26
F 27	13 39 57	25°54'33	25°37	9°22	25°50	10°33	19°56	18°19	25° 1	29°14	6°40	8° 6	9°13	4°26	n.a.	F 27
S 28	13 43 54	26°51'51	7♊48	9° 9	27° 2	11° 9	20°10	18°26	25° 1	29°13	6°39	8° 0	9°10	4°33	n.a.	S 28
S 29	13 47 50	27°49'08	19°47	8°52	28°13	11°46	20°24	18°33	25° 2	29°12	6°37	7°56	9° 6	4°39	n.a.	S 29
M30	13 51 47	28♈46'24	1♋38	8♉32	29♓25	12♊22	20♈38	18♓39	25♋ 3	29♏10	6♎36	7♋55	9♋ 3	4♋46	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n24	20n 7	2s27	9n29	2n 5	14s36	1s16	20n33	1n18	4n38	1s 0	8s 0	2s16	22n 9	0n41	19s 3	1n22	11n43	16n 4	23n22	23n23	23n 0		n.a.
M 2	0 47	22 10	1 29	10 13	2 12	14 14	1 19	20 42	1 18	4 44	1 0	7 57	2 16	22 9	0 41	19 3	1 22	11 44	16 4	23 22	23 23	23 0		n.a.
T 3	1 10	23 14	0 28	10 55	2 19	13 51	1 21	20 51	1 18	4 49	1 0	7 54	2 16	22 9	0 41	19 3	1 22	11 45	16 4	23 22	23 23	23 1		n.a.
W 4	1 34	23 15	0n35	11 34	2 24	13 28	1 22	21 0	1 18	4 55	0 59	7 51	2 16	22 9	0 41	19 3	1 22	11 45	16 4	23 22	23 24	23 2		n.a.
T 5	1 57	22 12	1 37	12 11	2 29	13 4	1 24	21 8	1 18	5 1	0 59	7 49	2 16	22 9	0 41	19 3	1 22	11 46	16 4	23 22	23 24	23 3		n.a.
F 6	2 20	20 6	2 35	12 46	2 33	12 41	1 26	21 16	1 18	5 6	0 59	7 46	2 17	22 9	0 41	19 2	1 22	11 47	16 4	23 22	23 24	23 3		n.a.
S 7	2 43	17 2	3 27	13 18	2 36	12 16	1 28	21 25	1 18	5 12	0 59	7 43	2 17	22 9	0 41	19 2	1 22	11 47	16 4	23 23	23 24	23 4		n.a.
S 8	3 6	13 7	4 10	13 48	2 39	11 52	1 29	21 33	1 18	5 17	0 59	7 40	2 17	22 9	0 41	19 2	1 22	11 48	16 3	23 24	23 25	23 5		n.a.
M 9	3 29	8 29	4 41	14 15	2 40	11 27	1 31	21 41	1 18	5 23	0 59	7 37	2 17	22 9	0 41	19 2	1 22	11 49	16 3	23 24	23 25	23 6		n.a.
T 10	3 52	3 20	4 58	14 40	2 41	11 2	1 32	21 49	1 18	5 28	0 59	7 34	2 17	22 9	0 41	19 2	1 22	11 49	16 3	23 25	23 25	23 6		n.a.
W11	4 15	2s 6	4 58	15 2	2 41	10 36	1 33	21 56	1 19	5 34	0 59	7 32	2 17	22 9	0 41	19 1	1 22	11 50	16 3	23 26	23 25	23 7		n.a.
T 12	4 38	7 31	4 41	15 22	2 39	10 10	1 35	22 4	1 19	5 39	0 59	7 29	2 17	22 9	0 41	19 1	1 22	11 50	16 3	23 27	23 26	23 8		n.a.
F 13	5 1	12 38	4 6	15 39	2 37	9 44	1 36	22 11	1 19	5 45	0 59	7 26	2 17	22 9	0 41	19 1	1 22	11 51	16 3	23 28	23 26	23 9		n.a.
S 14	5 24	17 6	3 16	15 54	2 34	9 18	1 37	22 19	1 19	5 50	0 59	7 23	2 17	22 9	0 41	19 1	1 22	11 52	16 3	23 28	23 26	23 9		n.a.
S 15	5 46	20 34	2 13	16 6	2 30	8 51	1 38	22 26	1 19	5 56	0 58	7 21	2 18	22 9	0 41	19 0	1 22	11 52	16 3	23 28	23 26	23 10		n.a.
M16	6 9	22 46	1 2	16 15	2 25	8 24	1 39	22 33	1 19	6 1	0 58	7 18	2 18	22 9	0 41	19 0	1 22	11 53	16 3	23 29	23 27	23 11		n.a.
T 17	6 31	23 30	0s13	16 22	2 19	7 57	1 40	22 40	1 19	6 7	0 58	7 15	2 18	22 9	0 41	19 0	1 23	11 53	16 3	23 29	23 27	23 12		n.a.
W18	6 54	22 43	1 26	16 26	2 12	7 30	1 40	22 47	1 19	6 12	0 58	7 12	2 18	22 9	0 41	19 0	1 23	11 54	16 2	23 29	23 27	23 12		n.a.
T 19	7 16	20 31	2 34	16 28	2 4	7 2	1 41	22 53	1 19	6 18	0 58	7 10	2 18	22 9	0 41	18 59	1 23	11 54	16 2	23 29	23 27	23 13		n.a.
F 20	7 38	17 9	3 32	16 28	1 55	6 35	1 42	23 0	1 19	6 23	0 58	7 7	2 18	22 8	0 41	18 59	1 23	11 55	16 2	23 29	23 28	23 14		n.a.
S 21	8 0	12 52	4 17	16 24	1 45	6 7	1 42	23 6	1 19	6 29	0 58	7 4	2 18	22 8	0 41	18 59	1 23	11 55	16 2	23 29	23 28	23 14		n.a.
S 22	8 22	7 59	4 47	16 19	1 35	5 39	1 43	23 12	1 19	6 34	0 58	7 2	2 18	22 8	0 41	18 59	1 23	11 56	16 2	23 30	23 28	23 15		n.a.
M23	8 44	2 47	5 0	16 11	1 23	5 10	1 43	23 18	1 19	6 40	0 58	6 59	2 19	22 8	0 41	18 58	1 23	11 56	16 2	23 31	23 28	23 16		n.a.
T 24	9 6	2n27	4 58	16 1	1 10	4 42	1 43	23 24	1 19	6 45	0 58	6 57	2 19	22 8	0 41	18 58	1 23	11 56	16 1	23 32	23 28	23 16		n.a.
W25	9 27	7 29	4 39	15 48	0 57	4 13	1 44	23 30	1 19	6 50	0 58	6 54	2 19	22 8	0 40	18 58	1 23	11 57	16 1	23 32	23 29	23 17		n.a.
T 26	9 48	12 7	4 8	15 33	0 43	3 45	1 44	23 35	1 19	6 56	0 58	6 52	2 19	22 8	0 40	18 58	1 23	11 57	16 1	23 33	23 29	23 18		n.a.
F 27	10 10	16 9	3 25	15 16	0 28	3 16	1 44	23 41	1 19	7 1	0 58	6 49	2 19	22 7	0 40	18 57	1 23	11 58	16 1	23 34	23 29	23 18		n.a.
S 28	10 31	19 26	2 33	14 57	0 12	2 47	1 44	23 46	1 19	7 7	0 58	6 46	2 19	22 7	0 40	18 57	1 23	11 58	16 0	23 34	23 29	23 19		n.a.
S 29	10 52	21 50	1 35	14 37	0s 4	2 18	1 44	23 51	1 19	7 12	0 58	6 44	2 20	22 7	0 40	18 57	1 23	11 59	16 0	23 34	23 30	23 20		n.a.
M30	11n12	23n15	0s33	14n14	0s21	1s49	1s43	23n56	1n19	7n17	0s58	6s42	2s20	22n 7	0n40	18s56	1n23	11n59	16n 0	23n34	23n30	23n20		n.a.

Julian Day Number = 1364298.5, Delta T = 06h56m13s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°34'27, Lahiri = -17°27'27 Julian Calendar 1 Apr. 978 BCE == Greg. Calendar 23 March 978 BCE

The year -977 astronomical counting style corresponds to year 978 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 978 BCE
geocentric

MAY 978 BCE (-977) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 55 43	29♈43'39	13♋26	8°R 8	0♈37	12♊59	20♈51	18♓46	25♋ 4	29°R 9	6°R34	7°D55	9♋ 0	4♋53	n.a.	T 1
W 2	13 59 40	0♉40'53	25°15	7♉42	1°49	13°35	21° 5	18°52	25° 5	29♏ 8	6♎33	7°R55	8°57	4°59	n.a.	W 2
T 3	14 3 37	1°38'06	7♌12	7°13	3° 1	14°12	21°19	18°59	25° 6	29° 6	6°31	7♋55	8°54	5° 6	n.a.	T 3
F 4	14 7 33	2°35'18	19°21	6°42	4°13	14°48	21°33	19° 5	25° 7	29° 5	6°30	7°54	8°50	5°13	n.a.	F 4
S 5	14 11 30	3°32'29	1♍47	6° 9	5°25	15°25	21°47	19°11	25° 9	29° 3	6°28	7°50	8°47	5°19	n.a.	S 5
S 6	14 15 26	4°29'39	14°35	5°36	6°36	16° 1	22° 1	19°18	25°10	29° 2	6°27	7°44	8°44	5°26	n.a.	S 6
M 7	14 19 23	5°26'48	27°47	5° 2	7°48	16°38	22°15	19°24	25°11	29° 1	6°25	7°37	8°41	5°33	n.a.	M 7
T 8	14 23 19	6°23'57	11♎24	4°29	9° 0	17°14	22°28	19°30	25°13	28°59	6°24	7°28	8°38	5°39	n.a.	T 8
W 9	14 27 16	7°21'04	25°24	3°56	10°12	17°51	22°42	19°36	25°14	28°58	6°23	7°18	8°35	5°46	n.a.	W 9
T 10	14 31 12	8°18'11	9♏43	3°24	11°25	18°28	22°56	19°42	25°15	28°56	6°21	7° 9	8°31	5°52	n.a.	T 10
F 11	14 35 9	9°15'18	24°16	2°55	12°37	19° 4	23°10	19°48	25°17	28°55	6°20	7° 2	8°28	5°59	n.a.	F 11
S 12	14 39 6	10°12'24	8♐56	2°28	13°49	19°41	23°23	19°54	25°18	28°53	6°19	6°57	8°25	6° 6	n.a.	S 12
S 13	14 43 2	11° 9'30	23°35	2° 4	15° 1	20°18	23°37	20° 0	25°20	28°52	6°17	6°54	8°22	6°12	n.a.	S 13
M14	14 46 59	12° 6'36	8♑ 8	1°43	16°13	20°54	23°50	20° 5	25°22	28°50	6°16	6°D53	8°19	6°19	n.a.	M14
T 15	14 50 55	13° 3'42	22°31	1°25	17°25	21°31	24° 4	20°11	25°23	28°49	6°15	6°54	8°16	6°26	n.a.	T 15
W16	14 54 52	14° 0'48	6♒42	1°12	18°38	22° 8	24°18	20°17	25°25	28°47	6°14	6°55	8°12	6°32	n.a.	W16
T 17	14 58 48	14°57'54	20°38	1° 3	19°50	22°45	24°31	20°22	25°27	28°45	6°12	6°R55	8° 9	6°39	n.a.	T 17
F 18	15 2 45	15°54'59	4♓20	0°58	21° 2	23°21	24°45	20°28	25°29	28°44	6°11	6°53	8° 6	6°46	n.a.	F 18
S 19	15 6 41	16°52'05	17°49	0°D58	22°14	23°58	24°58	20°33	25°30	28°42	6°10	6°50	8° 3	6°52	n.a.	S 19
S 20	15 10 38	17°49'11	1♈ 4	1° 2	23°27	24°35	25°12	20°39	25°32	28°41	6° 9	6°44	8° 0	6°59	n.a.	S 20
M21	15 14 35	18°46'17	14° 6	1°11	24°39	25°12	25°25	20°44	25°34	28°39	6° 8	6°37	7°56	7° 6	n.a.	M21
T 22	15 18 31	19°43'22	26°55	1°25	25°52	25°49	25°38	20°49	25°36	28°38	6° 7	6°29	7°53	7°12	n.a.	T 22
W23	15 22 28	20°40'28	9♉32	1°44	27° 4	26°26	25°52	20°55	25°38	28°36	6° 5	6°21	7°50	7°19	n.a.	W23
T 24	15 26 24	21°37'34	21°55	2° 8	28°17	27° 3	26° 5	21° 0	25°40	28°34	6° 4	6°14	7°47	7°26	n.a.	T 24
F 25	15 30 21	22°34'40	4♊ 7	2°36	29°29	27°40	26°18	21° 5	25°43	28°33	6° 3	6° 8	7°44	7°32	n.a.	F 25
S 26	15 34 17	23°31'46	16° 9	3° 9	0♉42	28°17	26°31	21°10	25°45	28°31	6° 2	6° 4	7°41	7°39	n.a.	S 26
S 27	15 38 14	24°28'52	28° 3	3°47	1°54	28°54	26°44	21°14	25°47	28°30	6° 1	6° 2	7°37	7°45	n.a.	S 27
M28	15 42 11	25°25'58	9♋51	4°30	3° 7	29°31	26°57	21°19	25°49	28°28	6° 1	6°D 2	7°34	7°52	n.a.	M28
T 29	15 46 7	26°23'03	21°38	5°17	4°20	0♋ 8	27°11	21°24	25°52	28°26	6° 0	6° 2	7°31	7°59	n.a.	T 29
W30	15 50 4	27°20'09	3♌27	6° 8	5°32	0°45	27°23	21°29	25°54	28°25	5°59	6° 4	7°28	8° 5	n.a.	W30
T 31	15 54 0	28♉17'15	15♌23	7♉ 5	6♉45	1♋23	27♈36	21♓33	25♋56	28♏23	5♎58	6♋ 6	7♋25	8♋12	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n33	23n37	0n29	13n51	0s37	1s19	1s43	24n 1	1n19	7n23	0s57	6s39	2s20	22n 7	0n40	18s56	1n23	11n59	16n 0	23n34	23n30	23n21			n.a.
W 2	11 53	22 55	1 31	13 26	0 54	0 50	1 43	24 5	1 19	7 28	0 57	6 37	2 20	22 6	0 40	18 56	1 23	12 0	15 59	23 34	23 30	23 22			n.a.
T 3	12 14	21 10	2 30	13 1	1 11	0 21	1 42	24 10	1 19	7 33	0 57	6 34	2 20	22 6	0 40	18 55	1 23	12 0	15 59	23 34	23 30	23 22			n.a.
F 4	12 34	18 27	3 22	12 34	1 28	0n 9	1 42	24 14	1 19	7 39	0 57	6 32	2 20	22 6	0 40	18 55	1 23	12 0	15 59	23 34	23 31	23 23			n.a.
S 5	12 53	14 50	4 7	12 8	1 45	0 38	1 41	24 18	1 19	7 44	0 57	6 30	2 21	22 6	0 40	18 55	1 23	12 1	15 59	23 35	23 31	23 23			n.a.
S 6	13 13	10 27	4 40	11 42	2 1	1 7	1 41	24 22	1 19	7 49	0 57	6 27	2 21	22 5	0 40	18 54	1 23	12 1	15 58	23 35	23 31	23 24			n.a.
M 7	13 32	5 28	5 0	11 16	2 17	1 37	1 40	24 26	1 19	7 54	0 57	6 25	2 21	22 5	0 40	18 54	1 23	12 1	15 58	23 35	23 31	23 25			n.a.
T 8	13 52	0 4	5 4	10 50	2 31	2 6	1 39	24 30	1 19	8 0	0 57	6 23	2 21	22 5	0 40	18 54	1 23	12 1	15 58	23 36	23 32	23 25			n.a.
W 9	14 11	5s29	4 50	10 26	2 45	2 36	1 39	24 33	1 19	8 5	0 57	6 20	2 21	22 5	0 40	18 53	1 23	12 2	15 57	23 36	23 32	23 26			n.a.
T 10	14 30	10 53	4 17	10 3	2 58	3 5	1 38	24 36	1 19	8 10	0 57	6 18	2 21	22 4	0 40	18 53	1 23	12 2	15 57	23 37	23 32	23 26			n.a.
F 11	14 48	15 47	3 28	9 42	3 10	3 35	1 37	24 39	1 19	8 15	0 57	6 16	2 22	22 4	0 40	18 53	1 23	12 2	15 57	23 37	23 32	23 27			n.a.
S 12	15 6	19 45	2 24	9 23	3 21	4 4	1 36	24 42	1 19	8 20	0 57	6 14	2 22	22 4	0 40	18 52	1 23	12 2	15 56	23 38	23 32	23 28			n.a.
S 13	15 25	22 28	1 11	9 5	3 30	4 33	1 35	24 45	1 18	8 26	0 57	6 12	2 22	22 3	0 40	18 52	1 23	12 2	15 56	23 38	23 33	23 28			n.a.
M14	15 42	23 40	0s 7	8 50	3 39	5 2	1 33	24 48	1 18	8 31	0 57	6 9	2 22	22 3	0 40	18 52	1 23	12 3	15 56	23 38	23 33	23 29			n.a.
T 15	16 0	23 16	1 23	8 38	3 46	5 31	1 32	24 50	1 18	8 36	0 57	6 7	2 23	22 3	0 40	18 51	1 23	12 3	15 55	23 38	23 33	23 29			n.a.
W16	16 17	21 21	2 33	8 28	3 51	6 1	1 31	24 53	1 18	8 41	0 57	6 5	2 23	22 2	0 40	18 51	1 23	12 3	15 55	23 38	23 33	23 30			n.a.
T 17	16 35	18 12	3 33	8 21	3 56	6 29	1 30	24 55	1 18	8 46	0 57	6 3	2 23	22 2	0 40	18 51	1 23	12 3	15 54	23 38	23 33	23 30			n.a.
F 18	16 51	14 5	4 20	8 16	3 59	6 58	1 28	24 57	1 18	8 51	0 57	6 1	2 23	22 2	0 40	18 50	1 23	12 3	15 54	23 38	23 34	23 31			n.a.
S 19	17 8	9 20	4 51	8 14	4 0	7 27	1 27	24 58	1 18	8 56	0 57	5 59	2 23	22 1	0 40	18 50	1 23	12 3	15 54	23 38	23 34	23 31			n.a.
S 20	17 24	4 14	5 6	8 15	4 1	7 56	1 25	25 0	1 18	9 1	0 57	5 57	2 24	22 1	0 40	18 50	1 23	12 3	15 53	23 38	23 34	23 32			n.a.
M21	17 41	0n58	5 5	8 19	4 1	8 24	1 24	25 1	1 18	9 6	0 57	5 55	2 24	22 0	0 40	18 49	1 23	12 3	15 53	23 39	23 34	23 33			n.a.
T 22	17 56	6 3	4 48	8 25	3 59	8 52	1 22	25 2	1 18	9 11	0 57	5 54	2 24	22 0	0 40	18 49	1 23	12 3	15 52	23 39	23 34	23 33			n.a.
W23	18 12	10 49	4 18	8 34	3 56	9 20	1 21	25 3	1 18	9 16	0 57	5 52	2 24	22 0	0 40	18 49	1 23	12 3	15 52	23 39	23 35	23 34			n.a.
T 24	18 27	15 3	3 36	8 46	3 52	9 48	1 19	25 4	1 18	9 21	0 57	5 50	2 24	21 59	0 40	18 48	1 23	12 3	15 51	23 40	23 35	23 34			n.a.
F 25	18 42	18 37	2 44	9 0	3 48	10 16	1 17	25 5	1 18	9 25	0 57	5 48	2 25	21 59	0 40	18 48	1 23	12 3	15 51	23 40	23 35	23 35			n.a.
S 26	18 57	21 19	1 46	9 17	3 42	10 43	1 15	25 6	1 18	9 30	0 57	5 46	2 25	21 58	0 40	18 48	1 23	12 3	15 50	23 40	23 35	23 35			n.a.
S 27	19 11	23 5	0 43	9 36	3 36	11 10	1 13	25 6	1 17	9 35	0 57	5 45	2 25	21 58	0 40	18 47	1 23	12 3	15 50	23 40	23 35	23 36			n.a.
M28	19 25	23 47	0n21	9 57	3 28	11 37	1 11	25 6	1 17	9 40	0 57	5 43	2 25	21 57	0 40	18 47	1 23	12 3	15 50	23 40	23 35	23 36			n.a.
T 29	19 39	23 26	1 24	10 20	3 20	12 4	1 10	25 6	1 17	9 45	0 57	5 41	2 26	21 57	0 40	18 47	1 23	12 3	15 49	23 40	23 36	23 37			n.a.
W30	19 52	22 1	2 24	10 46	3 12	12 31	1 8	25 6	1 17	9 49	0 57	5 40	2 26	21 57	0 39	18 46	1 23	12 3	15 49	23 40	23 36	23 37			n.a.
T 31	20n 5	19n37	3n18	11n13	3s 2	12n57	1s 6	25n 5	1n17	9n54	0s57	5s38	2s26	21n56	0n39	18s46	1n23	12n 3	15n48	23n40	23n36	23n37			n.a.

Julian Day Number = 1364328.5, Delta T = 06h56m12s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°34'23, Lahiri = -17°27'23 Julian Calendar 1 May 978 BCE == Greg. Calendar 22 Apr. 978 BCE

The year -977 astronomical counting style corresponds to year 978 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 978 BCE
geocentric

JUNE 978 BCE (-977) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 57 57	29♉14'20	27♌31	8♉ 5	7♉58	2♋ 0	27♈49	21♓38	25♋59	28°R21	5°R57	6°R 6	7♋22	8♋19	n.a.	F 1
S 2	16 1 53	0♊11'26	9♍57	9°10	9°10	2°37	28° 2	21°42	26° 1	28♏20	5♎56	6♋ 6	7°18	8°25	n.a.	S 2
S 3	16 5 50	1° 8'31	22°43	10°19	10°23	3°14	28°15	21°46	26° 4	28°18	5°55	6° 4	7°15	8°32	n.a.	S 3
M 4	16 9 46	2° 5'36	5♎55	11°33	11°36	3°51	28°28	21°51	26° 6	28°17	5°55	6° 1	7°12	8°39	n.a.	M 4
T 5	16 13 43	3° 2'42	19°34	12°51	12°49	4°29	28°40	21°55	26° 9	28°15	5°54	5°56	7° 9	8°45	n.a.	T 5
W 6	16 17 40	3°59'48	3♏39	14°13	14° 2	5° 6	28°53	21°59	26°11	28°13	5°53	5°52	7° 6	8°52	n.a.	W 6
T 7	16 21 36	4°56'54	18° 8	15°38	15°14	5°43	29° 6	22° 3	26°14	28°12	5°53	5°47	7° 2	8°59	n.a.	T 7
F 8	16 25 33	5°54'00	2♐56	17° 8	16°27	6°21	29°18	22° 7	26°17	28°10	5°52	5°44	6°59	9° 5	n.a.	F 8
S 9	16 29 29	6°51'07	17°54	18°42	17°40	6°58	29°30	22°11	26°20	28° 9	5°52	5°41	6°56	9°12	n.a.	S 9
S 10	16 33 26	7°48'15	2♑55	20°20	18°53	7°35	29°43	22°14	26°22	28° 7	5°51	5°D40	6°53	9°19	n.a.	S 10
M11	16 37 22	8°45'23	17°49	22° 1	20° 6	8°13	29°55	22°18	26°25	28° 5	5°50	5°41	6°50	9°25	n.a.	M11
T 12	16 41 19	9°42'32	2♒31	23°45	21°19	8°50	0♉ 7	22°21	26°28	28° 4	5°50	5°42	6°47	9°32	n.a.	T 12
W13	16 45 16	10°39'42	16°55	25°33	22°32	9°28	0°20	22°25	26°31	28° 2	5°49	5°43	6°43	9°38	n.a.	W13
T 14	16 49 12	11°36'53	0♓59	27°24	23°46	10° 5	0°32	22°28	26°34	28° 1	5°49	5°44	6°40	9°45	n.a.	T 14
F 15	16 53 9	12°34'05	14°42	29°18	24°59	10°43	0°44	22°31	26°37	27°59	5°49	5°R45	6°37	9°52	n.a.	F 15
S 16	16 57 5	13°31'17	28° 5	1♊15	26°12	11°20	0°56	22°35	26°40	27°58	5°48	5°44	6°34	9°58	n.a.	S 16
S 17	17 1 2	14°28'31	11♈ 9	3°14	27°25	11°58	1° 8	22°38	26°43	27°56	5°48	5°42	6°31	10° 5	n.a.	S 17
M18	17 4 58	15°25'46	23°56	5°15	28°38	12°36	1°19	22°41	26°46	27°54	5°48	5°40	6°27	10°12	n.a.	M18
T 19	17 8 55	16°23'02	6♉28	7°17	29°52	13°13	1°31	22°44	26°49	27°53	5°47	5°37	6°24	10°18	n.a.	T 19
W20	17 12 51	17°20'19	18°48	9°21	1♊ 5	13°51	1°43	22°46	26°52	27°51	5°47	5°34	6°21	10°25	n.a.	W20
T 21	17 16 48	18°17'37	0♊57	11°26	2°18	14°29	1°54	22°49	26°55	27°50	5°47	5°32	6°18	10°32	n.a.	T 21
F 22	17 20 45	19°14'56	12°57	13°31	3°32	15° 6	2° 6	22°52	26°58	27°48	5°47	5°30	6°15	10°38	n.a.	F 22
S 23	17 24 41	20°12'15	24°51	15°37	4°45	15°44	2°17	22°54	27° 1	27°47	5°47	5°29	6°12	10°45	n.a.	S 23
S 24	17 28 38	21° 9'36	6♋40	17°44	5°59	16°22	2°29	22°57	27° 5	27°46	5°47	5°D29	6° 8	10°52	n.a.	S 24
M25	17 32 34	22° 6'58	18°27	19°50	7°12	17° 0	2°40	22°59	27° 8	27°44	5°47	5°29	6° 5	10°58	n.a.	M25
T 26	17 36 31	23° 4'21	0♌14	21°55	8°26	17°38	2°51	23° 1	27°11	27°43	5°D46	5°30	6° 2	11° 5	n.a.	T 26
W27	17 40 27	24° 1'45	12° 4	24° 0	9°39	18°16	3° 2	23° 3	27°14	27°41	5°46	5°31	5°59	11°11	n.a.	W27
T 28	17 44 24	24°59'09	24° 2	26° 4	10°53	18°54	3°13	23° 5	27°18	27°40	5°47	5°32	5°56	11°18	n.a.	T 28
F 29	17 48 20	25°56'34	6♍11	28° 8	12° 6	19°31	3°24	23° 7	27°21	27°38	5°47	5°33	5°53	11°25	n.a.	F 29
S 30	17 52 17	26♊54'01	18♍35	0♋10	13♊20	20♋ 9	3♉35	23♓ 9	27♋24	27♏37	5♎47	5♋33	5♋49	11♋31	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n18	16n20	4n 5	11n42	2s52	13n23	1s 3	25n 5	1n17	9n59	0s57	5s36	2s26	21n56	0n39	18s45	1n23	12n 3	15n48	23n40	23n36	23n38		n.a.
S 2	20 30	12 17	4 41	12 13	2 42	13 48	1 1	25 4	1 17	10 3	0 57	5 35	2 27	21 55	0 39	18 45	1 23	12 3	15 47	23 40	23 36	23 38		n.a.
S 3	20 42	7 34	5 4	12 45	2 31	14 14	0 59	25 3	1 17	10 8	0 57	5 33	2 27	21 55	0 39	18 45	1 23	12 3	15 47	23 40	23 37	23 39		n.a.
M 4	20 54	2 23	5 12	13 19	2 20	14 39	0 57	25 2	1 17	10 13	0 57	5 32	2 27	21 54	0 39	18 44	1 23	12 2	15 46	23 40	23 37	23 39		n.a.
T 5	21 6	3s 5	5 4	13 54	2 8	15 3	0 55	25 1	1 16	10 17	0 57	5 30	2 27	21 54	0 39	18 44	1 23	12 2	15 46	23 41	23 37	23 40		n.a.
W 6	21 17	8 36	4 37	14 30	1 56	15 28	0 53	24 59	1 16	10 22	0 57	5 29	2 28	21 53	0 39	18 44	1 23	12 2	15 45	23 41	23 37	23 40		n.a.
T 7	21 27	13 48	3 52	15 7	1 44	15 51	0 50	24 57	1 16	10 26	0 57	5 28	2 28	21 52	0 39	18 43	1 23	12 2	15 45	23 41	23 37	23 41		n.a.
F 8	21 38	18 17	2 50	15 45	1 32	16 15	0 48	24 55	1 16	10 31	0 57	5 26	2 28	21 52	0 39	18 43	1 23	12 2	15 44	23 41	23 37	23 41		n.a.
S 9	21 47	21 39	1 36	16 24	1 19	16 38	0 46	24 53	1 16	10 35	0 57	5 25	2 29	21 51	0 39	18 43	1 23	12 1	15 44	23 41	23 38	23 41		n.a.
S 10	21 57	23 32	0 15	17 2	1 6	17 1	0 43	24 51	1 16	10 40	0 57	5 24	2 29	21 51	0 39	18 42	1 23	12 1	15 43	23 41	23 38	23 42		n.a.
M11	22 6	23 42	1s 6	17 41	0 54	17 23	0 41	24 49	1 16	10 44	0 57	5 23	2 29	21 50	0 39	18 42	1 23	12 1	15 43	23 41	23 38	23 42		n.a.
T 12	22 15	22 13	2 22	18 20	0 41	17 45	0 39	24 46	1 16	10 48	0 57	5 21	2 29	21 50	0 39	18 42	1 23	12 1	15 42	23 41	23 38	23 43		n.a.
W13	22 24	19 18	3 28	18 59	0 29	18 6	0 36	24 43	1 15	10 53	0 57	5 20	2 30	21 49	0 39	18 41	1 23	12 0	15 41	23 41	23 38	23 43		n.a.
T 14	22 32	15 19	4 19	19 37	0 17	18 27	0 34	24 40	1 15	10 57	0 57	5 19	2 30	21 49	0 39	18 41	1 23	12 0	15 41	23 41	23 38	23 43		n.a.
F 15	22 39	10 37	4 54	20 14	0 5	18 48	0 31	24 37	1 15	11 1	0 57	5 18	2 30	21 48	0 39	18 41	1 23	12 0	15 40	23 41	23 39	23 44		n.a.
S 16	22 47	5 32	5 12	20 51	0n 7	19 8	0 29	24 34	1 15	11 5	0 57	5 17	2 30	21 47	0 39	18 40	1 23	11 59	15 40	23 41	23 39	23 44		n.a.
S 17	22 54	0 19	5 14	21 26	0 18	19 28	0 27	24 30	1 15	11 9	0 57	5 16	2 31	21 47	0 39	18 40	1 23	11 59	15 39	23 41	23 39	23 45		n.a.
M18	23 0	4n48	4 59	21 59	0 29	19 47	0 24	24 27	1 15	11 14	0 57	5 15	2 31	21 46	0 39	18 40	1 23	11 58	15 39	23 41	23 39	23 45		n.a.
T 19	23 6	9 37	4 31	22 30	0 39	20 5	0 22	24 23	1 15	11 18	0 57	5 14	2 31	21 46	0 39	18 39	1 23	11 58	15 38	23 41	23 39	23 45		n.a.
W20	23 12	14 0	3 50	23 0	0 49	20 23	0 19	24 19	1 14	11 22	0 57	5 13	2 32	21 45	0 39	18 39	1 22	11 58	15 38	23 42	23 39	23 46		n.a.
T 21	23 17	17 44	3 0	23 27	0 58	20 40	0 17	24 14	1 14	11 26	0 57	5 13	2 32	21 44	0 39	18 39	1 22	11 57	15 37	23 42	23 40	23 46		n.a.
F 22	23 22	20 42	2 2	23 52	1 6	20 57	0 14	24 10	1 14	11 30	0 57	5 12	2 32	21 44	0 39	18 38	1 22	11 57	15 36	23 42	23 40	23 46		n.a.
S 23	23 27	22 44	0 59	24 14	1 13	21 14	0 12	24 5	1 14	11 34	0 57	5 11	2 32	21 43	0 39	18 38	1 22	11 56	15 36	23 42	23 40	23 47		n.a.
S 24	23 31	23 45	0n 7	24 34	1 20	21 29	0 9	24 1	1 14	11 38	0 57	5 10	2 33	21 42	0 39	18 38	1 22	11 56	15 35	23 42	23 40	23 47		n.a.
M25	23 34	23 42	1 11	24 51	1 26	21 44	0 7	23 56	1 14	11 42	0 57	5 10	2 33	21 42	0 39	18 38	1 22	11 55	15 35	23 42	23 40	23 47		n.a.
T 26	23 38	22 35	2 13	25 5	1 32	21 59	0 4	23 51	1 13	11 45	0 57	5 9	2 33	21 41	0 39	18 37	1 22	11 55	15 34	23 42	23 40	23 48		n.a.
W27	23 40	20 28	3 9	25 17	1 36	22 13	0 2	23 45	1 13	11 49	0 57	5 9	2 34	21 40	0 39	18 37	1 22	11 54	15 34	23 42	23 40	23 48		n.a.
T 28	23 43	17 27	3 58	25 25	1 40	22 26	0n 1	23 40	1 13	11 53	0 57	5 8	2 34	21 40	0 39	18 37	1 22	11 54	15 33	23 42	23 41	23 48		n.a.
F 29	23 45	13 39	4 37	25 31	1 43	22 39	0 3	23 34	1 13	11 57	0 57	5 8	2 34	21 39	0 39	18 36	1 22	11 53	15 32	23 42	23 41	23 49		n.a.
S 30	23n46	9n14	5n 4	25n34	1n46	22n51	0n 6	23n28	1n13	12n 0	0s57	5s 7	2s34	21n38	0n39	18s36	1n22	11n53	15n32	23n42	23n41	23n49		n.a.

Julian Day Number = 1364359.5, Delta T = 06h56m10s
Ecliptic obliquity = 23°48'41, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°34'19, Lahiri = -17°27'19 Julian Calendar 1 June 978 BCE == Greg. Calendar 23 May 978 BCE

The year -977 astronomical counting style corresponds to year 978 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 978 BCE
geocentric

JULY 978 BCE (-977) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 56 14	27♊51'28	1♎19	2♋11	14♊34	20♋47	3♉46	23♓10	27♋28	27°R36	5♎47	5°R33	5♋46	11♋38	n.a.	S 1
M 2	18 0 10	28°48'56	14°26	4°10	15°47	21°25	3°56	23°12	27°31	27♏34	5°47	5♋33	5°43	11°45	n.a.	M 2
T 3	18 4 7	29°46'25	27°59	6° 9	17° 1	22° 4	4° 7	23°14	27°35	27°33	5°47	5°33	5°40	11°51	n.a.	T 3
W 4	18 8 3	0♋43'55	11♏58	8° 6	18°15	22°42	4°17	23°15	27°38	27°32	5°47	5°32	5°37	11°58	n.a.	W 4
T 5	18 12 0	1°41'26	26°24	10° 1	19°29	23°20	4°28	23°16	27°42	27°31	5°48	5°32	5°33	12° 5	n.a.	T 5
F 6	18 15 56	2°38'58	11♐12	11°56	20°42	23°58	4°38	23°17	27°45	27°29	5°48	5°31	5°30	12°11	n.a.	F 6
S 7	18 19 53	3°36'32	26°16	13°48	21°56	24°36	4°48	23°18	27°49	27°28	5°48	5°31	5°27	12°18	n.a.	S 7
S 8	18 23 50	4°34'07	11♑28	15°39	23°10	25°14	4°58	23°19	27°52	27°27	5°49	5°D31	5°24	12°25	n.a.	S 8
M 9	18 27 46	5°31'43	26°37	17°29	24°24	25°53	5° 8	23°20	27°56	27°26	5°49	5°R31	5°21	12°31	n.a.	M 9
T 10	18 31 43	6°29'21	11♒36	19°18	25°38	26°31	5°18	23°21	27°59	27°24	5°50	5°31	5°18	12°38	n.a.	T 10
W11	18 35 39	7°27'01	26°16	21° 4	26°52	27° 9	5°28	23°22	28° 3	27°23	5°50	5°31	5°14	12°45	n.a.	W11
T 12	18 39 36	8°24'42	10♓33	22°50	28° 6	27°47	5°37	23°22	28° 6	27°22	5°51	5°31	5°11	12°51	n.a.	T 12
F 13	18 43 32	9°22'25	24°24	24°34	29°20	28°26	5°47	23°23	28°10	27°21	5°51	5°31	5° 8	12°58	n.a.	F 13
S 14	18 47 29	10°20'09	7♈49	26°16	0♋34	29° 4	5°56	23°23	28°14	27°20	5°52	5°D30	5° 5	13° 4	n.a.	S 14
S 15	18 51 25	11°17'56	20°50	27°57	1°48	29°43	6° 5	23°23	28°17	27°19	5°52	5°30	5° 2	13°11	n.a.	S 15
M16	18 55 22	12°15'45	3♉31	29°37	3° 2	0♌21	6°14	23°R23	28°21	27°18	5°53	5°31	4°59	13°18	n.a.	M16
T 17	18 59 19	13°13'35	15°53	1♌15	4°17	1° 0	6°23	23°23	28°25	27°17	5°54	5°31	4°55	13°24	n.a.	T 17
W18	19 3 15	14°11'27	28° 2	2°52	5°31	1°38	6°32	23°23	28°28	27°16	5°54	5°32	4°52	13°31	n.a.	W18
T 19	19 7 12	15° 9'21	10♊ 1	4°28	6°45	2°17	6°41	23°23	28°32	27°15	5°55	5°33	4°49	13°38	n.a.	T 19
F 20	19 11 8	16° 7'17	21°53	6° 2	7°59	2°55	6°50	23°23	28°36	27°14	5°56	5°34	4°46	13°44	n.a.	F 20
S 21	19 15 5	17° 5'15	3♋42	7°35	9°14	3°34	6°58	23°22	28°40	27°13	5°57	5°R34	4°43	13°51	n.a.	S 21
S 22	19 19 1	18° 3'15	15°29	9° 7	10°28	4°13	7° 7	23°22	28°43	27°12	5°58	5°34	4°39	13°58	n.a.	S 22
M23	19 22 58	19° 1'16	27°17	10°37	11°42	4°51	7°15	23°21	28°47	27°11	5°59	5°33	4°36	14° 4	n.a.	M23
T 24	19 26 54	19°59'19	9♌ 8	12° 5	12°57	5°30	7°23	23°20	28°51	27°11	6° 0	5°32	4°33	14°11	n.a.	T 24
W25	19 30 51	20°57'24	21° 4	13°33	14°11	6° 9	7°31	23°19	28°55	27°10	6° 0	5°30	4°30	14°18	n.a.	W25
T 26	19 34 48	21°55'30	3♍ 9	14°59	15°26	6°48	7°39	23°18	28°58	27° 9	6° 1	5°27	4°27	14°24	n.a.	T 26
F 27	19 38 44	22°53'38	15°24	16°23	16°40	7°27	7°47	23°17	29° 2	27° 8	6° 2	5°25	4°24	14°31	n.a.	F 27
S 28	19 42 41	23°51'48	27°51	17°46	17°55	8° 6	7°54	23°16	29° 6	27° 8	6° 4	5°22	4°20	14°38	n.a.	S 28
S 29	19 46 37	24°49'59	10♎35	19° 8	19° 9	8°45	8° 2	23°15	29°10	27° 7	6° 5	5°21	4°17	14°44	n.a.	S 29
M30	19 50 34	25°48'12	23°38	20°28	20°24	9°23	8° 9	23°13	29°13	27° 6	6° 6	5°D20	4°14	14°51	n.a.	M30
T 31	19 54 30	26♋46'27	7♏ 3	21♌46	21♋38	10♌ 2	8♉16	23♓12	29♋17	27♏ 6	6♎ 7	5♋21	4♋11	14♋58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n48	4n18	5n17	25n35	1n48	23n 2	0n 8	23n22	1n13	12n 4	0s57	5s 7	2s35	21n38	0n39	18s36	1n22	11n52	15n31	23n42	23n41	23n49			n.a.
M 2	23 48	0s58	5 14	25 33	1 49	23 13	0 11	23 16	1 12	12 8	0 57	5 6	2 35	21 37	0 39	18 36	1 22	11 51	15 31	23 42	23 41	23 49			n.a.
T 3	23 49	6 21	4 54	25 29	1 49	23 23	0 13	23 10	1 12	12 11	0 58	5 6	2 35	21 36	0 39	18 35	1 22	11 51	15 30	23 42	23 41	23 50			n.a.
W 4	23 49	11 37	4 16	25 22	1 49	23 32	0 15	23 3	1 12	12 15	0 58	5 6	2 36	21 36	0 39	18 35	1 22	11 50	15 30	23 42	23 41	23 50			n.a.
T 5	23 48	16 24	3 21	25 14	1 48	23 41	0 18	22 56	1 12	12 18	0 58	5 6	2 36	21 35	0 39	18 35	1 22	11 50	15 29	23 42	23 42	23 50			n.a.
F 6	23 47	20 18	2 11	25 3	1 47	23 49	0 20	22 49	1 12	12 22	0 58	5 5	2 36	21 34	0 39	18 34	1 22	11 49	15 28	23 42	23 42	23 50			n.a.
S 7	23 46	22 54	0 51	24 50	1 45	23 56	0 23	22 42	1 11	12 25	0 58	5 5	2 37	21 33	0 39	18 34	1 22	11 48	15 28	23 42	23 42	23 51			n.a.
S 8	23 44	23 51	0s33	24 35	1 43	24 3	0 25	22 35	1 11	12 28	0 58	5 5	2 37	21 33	0 39	18 34	1 22	11 48	15 27	23 42	23 42	23 51			n.a.
M 9	23 42	23 2	1 55	24 18	1 40	24 9	0 27	22 28	1 11	12 32	0 58	5 5	2 37	21 32	0 39	18 34	1 22	11 47	15 27	23 42	23 42	23 51			n.a.
T 10	23 39	20 34	3 8	24 0	1 37	24 14	0 29	22 20	1 11	12 35	0 58	5 5	2 37	21 31	0 39	18 34	1 22	11 46	15 26	23 42	23 42	23 51			n.a.
W11	23 36	16 48	4 6	23 40	1 33	24 18	0 32	22 12	1 11	12 38	0 58	5 5	2 38	21 30	0 39	18 33	1 22	11 45	15 26	23 42	23 42	23 52			n.a.
T 12	23 32	12 9	4 48	23 18	1 29	24 22	0 34	22 4	1 10	12 41	0 58	5 5	2 38	21 30	0 39	18 33	1 22	11 45	15 25	23 42	23 42	23 52			n.a.
F 13	23 28	7 1	5 12	22 55	1 24	24 25	0 36	21 56	1 10	12 44	0 58	5 5	2 38	21 29	0 39	18 33	1 22	11 44	15 24	23 42	23 43	23 52			n.a.
S 14	23 24	1 42	5 18	22 31	1 19	24 27	0 38	21 48	1 10	12 48	0 58	5 5	2 39	21 28	0 39	18 33	1 22	11 43	15 24	23 42	23 43	23 52			n.a.
S 15	23 19	3n32	5 7	22 6	1 14	24 28	0 40	21 40	1 10	12 51	0 58	5 6	2 39	21 27	0 39	18 32	1 22	11 42	15 23	23 42	23 43	23 52			n.a.
M16	23 14	8 29	4 41	21 40	1 8	24 29	0 42	21 31	1 9	12 54	0 58	5 6	2 39	21 27	0 39	18 32	1 22	11 42	15 23	23 42	23 43	23 53			n.a.
T 17	23 9	12 59	4 2	21 12	1 3	24 29	0 44	21 22	1 9	12 57	0 58	5 6	2 40	21 26	0 39	18 32	1 22	11 41	15 22	23 42	23 43	23 53			n.a.
W18	23 3	16 53	3 14	20 44	0 56	24 28	0 46	21 13	1 9	12 59	0 58	5 6	2 40	21 25	0 39	18 32	1 21	11 40	15 22	23 42	23 43	23 53			n.a.
T 19	22 56	20 2	2 17	20 15	0 50	24 27	0 48	21 4	1 9	13 2	0 58	5 7	2 40	21 24	0 39	18 32	1 21	11 39	15 21	23 42	23 43	23 53			n.a.
F 20	22 49	22 18	1 15	19 45	0 43	24 24	0 50	20 55	1 9	13 5	0 59	5 7	2 40	21 24	0 39	18 32	1 21	11 38	15 20	23 42	23 43	23 53			n.a.
S 21	22 42	23 35	0 10	19 14	0 36	24 21	0 52	20 46	1 8	13 8	0 59	5 8	2 41	21 23	0 39	18 31	1 21	11 38	15 20	23 42	23 44	23 54			n.a.
S 22	22 34	23 48	0n55	18 43	0 29	24 17	0 54	20 36	1 8	13 11	0 59	5 8	2 41	21 22	0 39	18 31	1 21	11 37	15 19	23 42	23 44	23 54			n.a.
M23	22 26	22 57	1 57	18 11	0 21	24 13	0 56	20 27	1 8	13 13	0 59	5 9	2 41	21 21	0 39	18 31	1 21	11 36	15 19	23 42	23 44	23 54			n.a.
T 24	22 18	21 4	2 55	17 39	0 14	24 8	0 58	20 17	1 8	13 16	0 59	5 9	2 42	21 21	0 39	18 31	1 21	11 35	15 18	23 42	23 44	23 54			n.a.
W25	22 9	18 15	3 46	17 6	0 6	24 2	0 59	20 7	1 7	13 18	0 59	5 10	2 42	21 20	0 39	18 31	1 21	11 34	15 18	23 42	23 44	23 54			n.a.
T 26	22 0	14 39	4 27	16 33	0s 2	23 55	1 1	19 57	1 7	13 21	0 59	5 10	2 42	21 19	0 39	18 31	1 21	11 33	15 17	23 42	23 44	23 54			n.a.
F 27	21 50	10 23	4 57	16 0	0 10	23 47	1 3	19 46	1 7	13 23	0 59	5 11	2 43	21 18	0 39	18 31	1 21	11 32	15 17	23 42	23 44	23 54			n.a.
S 28	21 40	5 38	5 13	15 27	0 19	23 39	1 4	19 36	1 7	13 26	0 59	5 12	2 43	21 17	0 39	18 30	1 21	11 31	15 16	23 42	23 44	23 55			n.a.
S 29	21 30	0 33	5 14	14 53	0 27	23 30	1 6	19 25	1 6	13 28	0 59	5 13	2 43	21 17	0 39	18 30	1 21	11 31	15 15	23 42	23 44	23 55			n.a.
M30	21 19	4s41	5 0	14 19	0 36	23 20	1 7	19 14	1 6	13 30	0 59	5 13	2 43	21 16	0 39	18 30	1 21	11 30	15 15	23 42	23 45	23 55			n.a.
T 31	21n 8	9s51	4n29	13n46	0s45	23n10	1n 9	19n 4	1n 6	13n33	0s59	5s14	2s44	21n15	0n39	18s30	1n21	11n29	15n14	23n42	23n45	23n55			n.a.

Julian Day Number = 1364389.5, Delta T = 06h56m09s
Ecliptic obliquity = 23°48'41, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°34'15, Lahiri = -17°27'15 Julian Calendar 1 July 978 BCE == Greg. Calendar 22 June 978 BCE

The year -977 astronomical counting style corresponds to year 978 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 978 BCE
geocentric

AUGUST 978 BCE (-977) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 58 27	27♋44'43	20♏52	23♌ 3	22♋53	10♌41	8♉23	23°R10	29♋21	27°R 5	6♎ 8	5♋22	4♋ 8	15♋ 4	n.a.	W 1
T 2	20 2 23	28°43'01	5♐ 4	24°19	24° 7	11°21	8°30	23♓ 9	29°25	27♏ 4	6° 9	5°23	4° 5	15°11	n.a.	T 2
F 3	20 6 20	29°41'20	19°40	25°32	25°22	12° 0	8°37	23° 7	29°28	27° 4	6°10	5°24	4° 1	15°17	n.a.	F 3
S 4	20 10 16	0♌39'42	4♑34	26°44	26°37	12°39	8°43	23° 5	29°32	27° 3	6°12	5°R25	3°58	15°24	n.a.	S 4
S 5	20 14 13	1°38'05	19°41	27°53	27°51	13°18	8°49	23° 3	29°36	27° 3	6°13	5°24	3°55	15°31	n.a.	S 5
M 6	20 18 10	2°36'30	4♒52	29° 1	29° 6	13°57	8°56	23° 1	29°40	27° 2	6°14	5°22	3°52	15°37	n.a.	M 6
T 7	20 22 6	3°34'57	19°57	0♍ 7	0♌21	14°36	9° 2	22°59	29°44	27° 2	6°16	5°19	3°49	15°44	n.a.	T 7
W 8	20 26 3	4°33'26	4♓47	1°10	1°35	15°16	9° 8	22°56	29°47	27° 2	6°17	5°15	3°45	15°51	n.a.	W 8
T 9	20 29 59	5°31'58	19°14	2°11	2°50	15°55	9°13	22°54	29°51	27° 1	6°19	5°11	3°42	15°57	n.a.	T 9
F 10	20 33 56	6°30'31	3♈15	3° 9	4° 5	16°34	9°19	22°51	29°55	27° 1	6°20	5° 7	3°39	16° 4	n.a.	F 10
S 11	20 37 52	7°29'07	16°47	4° 5	5°20	17°14	9°24	22°49	29°59	27° 1	6°21	5° 4	3°36	16°11	n.a.	S 11
S 12	20 41 49	8°27'45	29°52	4°58	6°35	17°53	9°30	22°46	0♌ 2	27° 0	6°23	5° 2	3°33	16°17	n.a.	S 12
M13	20 45 45	9°26'26	12♉32	5°47	7°49	18°33	9°35	22°43	0° 6	27° 0	6°24	5°D 2	3°30	16°24	n.a.	M13
T 14	20 49 42	10°25'09	24°52	6°33	9° 4	19°12	9°40	22°40	0°10	27° 0	6°26	5° 3	3°26	16°31	n.a.	T 14
W15	20 53 39	11°23'55	6♊57	7°16	10°19	19°52	9°44	22°38	0°14	27° 0	6°28	5° 4	3°23	16°37	n.a.	W15
T 16	20 57 35	12°22'42	18°51	7°55	11°34	20°31	9°49	22°35	0°17	27° 0	6°29	5° 6	3°20	16°44	n.a.	T 16
F 17	21 1 32	13°21'33	0♋39	8°29	12°49	21°11	9°53	22°31	0°21	27° 0	6°31	5°R 7	3°17	16°51	n.a.	F 17
S 18	21 5 28	14°20'25	12°26	8°59	14° 4	21°51	9°58	22°28	0°25	27° 0	6°33	5° 7	3°14	16°57	n.a.	S 18
S 19	21 9 25	15°19'20	24°14	9°24	15°19	22°30	10° 2	22°25	0°29	27°D 0	6°34	5° 5	3°11	17° 4	n.a.	S 19
M20	21 13 21	16°18'17	6♌ 6	9°44	16°34	23°10	10° 6	22°22	0°32	27° 0	6°36	5° 1	3° 7	17°11	n.a.	M20
T 21	21 17 18	17°17'16	18° 5	9°58	17°49	23°50	10° 9	22°18	0°36	27° 0	6°38	4°55	3° 4	17°17	n.a.	T 21
W22	21 21 14	18°16'18	0♍13	10° 6	19° 4	24°30	10°13	22°15	0°40	27° 0	6°39	4°48	3° 1	17°24	n.a.	W22
T 23	21 25 11	19°15'21	12°29	10°R 7	20°19	25°10	10°16	22°11	0°43	27° 0	6°41	4°40	2°58	17°30	n.a.	T 23
F 24	21 29 7	20°14'26	24°57	10° 1	21°34	25°49	10°19	22° 7	0°47	27° 0	6°43	4°31	2°55	17°37	n.a.	F 24
S 25	21 33 4	21°13'34	7♎36	9°48	22°49	26°29	10°22	22° 3	0°50	27° 0	6°45	4°24	2°51	17°44	n.a.	S 25
S 26	21 37 1	22°12'43	20°28	9°28	24° 4	27° 9	10°25	22° 0	0°54	27° 0	6°47	4°18	2°48	17°50	n.a.	S 26
M27	21 40 57	23°11'55	3♏35	9° 0	25°19	27°49	10°27	21°56	0°58	27° 1	6°49	4°14	2°45	17°57	n.a.	M27
T 28	21 44 54	24°11'08	16°57	8°24	26°35	28°30	10°30	21°52	1° 1	27° 1	6°51	4°12	2°42	18° 4	n.a.	T 28
W29	21 48 50	25°10'23	0♐37	7°41	27°50	29°10	10°32	21°48	1° 5	27° 1	6°52	4°D12	2°39	18°10	n.a.	W29
T 30	21 52 47	26° 9'40	14°36	6°50	29° 5	29°50	10°34	21°44	1° 8	27° 1	6°54	4°12	2°36	18°17	n.a.	T 30
F 31	21 56 43	27♌ 9'00	28♐54	5♍53	0♍20	0♍30	10♉36	21♓40	1♌12	27♏ 2	6♎56	4°R13	2♋32	18♋24	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20n56	14s41	3n42	13n12	0s53	22n59	1n10	18n53	1n 6	13n35	0s59	5s15	2s44	21n14	0n39	18s30	1n21	11n28	15n14	23n42	23n45	23n55			n.a.
T 2	20 44	18 52	2 40	12 39	1 2	22 47	1 11	18 41	1 5	13 37	0 59	5 16	2 44	21 13	0 39	18 30	1 21	11 27	15 13	23 42	23 45	23 55			n.a.
F 3	20 32	21 59	1 26	12 6	1 11	22 35	1 12	18 30	1 5	13 39	1 0	5 17	2 44	21 13	0 39	18 30	1 21	11 26	15 13	23 42	23 45	23 55			n.a.
S 4	20 19	23 39	0 5	11 33	1 20	22 22	1 14	18 19	1 5	13 41	1 0	5 18	2 45	21 12	0 39	18 30	1 21	11 25	15 12	23 42	23 45	23 55			n.a.
S 5	20 6	23 37	1s18	11 0	1 29	22 8	1 15	18 7	1 4	13 43	1 0	5 19	2 45	21 11	0 39	18 30	1 21	11 24	15 12	23 42	23 45	23 55			n.a.
M 6	19 53	21 51	2 35	10 28	1 38	21 53	1 16	17 55	1 4	13 45	1 0	5 20	2 45	21 10	0 39	18 30	1 21	11 23	15 11	23 42	23 45	23 55			n.a.
T 7	19 39	18 32	3 41	9 56	1 47	21 38	1 17	17 43	1 4	13 47	1 0	5 21	2 46	21 9	0 39	18 30	1 21	11 22	15 11	23 42	23 45	23 56			n.a.
W 8	19 25	14 5	4 30	9 25	1 56	21 23	1 18	17 31	1 4	13 49	1 0	5 23	2 46	21 9	0 39	18 30	1 20	11 21	15 10	23 42	23 45	23 56			n.a.
T 9	19 11	8 56	5 1	8 55	2 5	21 6	1 19	17 19	1 3	13 51	1 0	5 24	2 46	21 8	0 39	18 30	1 20	11 20	15 10	23 43	23 46	23 56			n.a.
F 10	18 56	3 28	5 13	8 26	2 14	20 49	1 19	17 7	1 3	13 52	1 0	5 25	2 46	21 7	0 39	18 30	1 20	11 19	15 9	23 43	23 46	23 56			n.a.
S 11	18 41	1n59	5 7	7 57	2 23	20 32	1 20	16 54	1 3	13 54	1 0	5 26	2 47	21 6	0 39	18 30	1 20	11 18	15 9	23 43	23 46	23 56			n.a.
S 12	18 26	7 10	4 44	7 30	2 31	20 13	1 21	16 42	1 2	13 56	1 0	5 28	2 47	21 5	0 39	18 30	1 20	11 17	15 8	23 43	23 46	23 56			n.a.
M13	18 10	11 54	4 9	7 4	2 40	19 54	1 22	16 29	1 2	13 57	1 0	5 29	2 47	21 5	0 39	18 30	1 20	11 16	15 8	23 43	23 46	23 56			n.a.
T 14	17 54	16 1	3 22	6 39	2 48	19 35	1 22	16 16	1 2	13 59	1 1	5 30	2 47	21 4	0 39	18 30	1 20	11 15	15 7	23 43	23 46	23 56			n.a.
W15	17 38	19 23	2 28	6 16	2 56	19 15	1 23	16 3	1 2	14 0	1 1	5 32	2 47	21 3	0 39	18 30	1 20	11 14	15 7	23 43	23 46	23 56			n.a.
T 16	17 21	21 53	1 28	5 54	3 3	18 55	1 23	15 50	1 1	14 1	1 1	5 33	2 48	21 2	0 39	18 30	1 20	11 13	15 6	23 43	23 46	23 56			n.a.
F 17	17 4	23 24	0 24	5 34	3 11	18 33	1 23	15 37	1 1	14 3	1 1	5 35	2 48	21 1	0 39	18 30	1 20	11 11	15 6	23 43	23 46	23 56			n.a.
S 18	16 47	23 53	0n40	5 17	3 18	18 12	1 24	15 24	1 1	14 4	1 1	5 36	2 48	21 1	0 39	18 30	1 20	11 10	15 5	23 43	23 46	23 56			n.a.
S 19	16 29	23 17	1 42	5 1	3 24	17 50	1 24	15 10	1 0	14 5	1 1	5 38	2 48	21 0	0 39	18 30	1 20	11 9	15 5	23 43	23 46	23 56			n.a.
M20	16 12	21 37	2 40	4 49	3 30	17 27	1 24	14 57	1 0	14 6	1 1	5 39	2 49	20 59	0 39	18 30	1 20	11 8	15 5	23 43	23 46	23 56			n.a.
T 21	15 54	19 0	3 32	4 39	3 35	17 4	1 24	14 43	1 0	14 8	1 1	5 41	2 49	20 58	0 39	18 30	1 20	11 7	15 4	23 43	23 47	23 56			n.a.
W22	15 35	15 31	4 14	4 32	3 39	16 40	1 24	14 29	0 59	14 9	1 1	5 42	2 49	20 57	0 39	18 30	1 20	11 6	15 4	23 43	23 47	23 56			n.a.
T 23	15 17	11 21	4 46	4 28	3 42	16 16	1 24	14 16	0 59	14 10	1 1	5 44	2 49	20 57	0 39	18 30	1 20	11 5	15 3	23 44	23 47	23 56			n.a.
F 24	14 58	6 40	5 4	4 28	3 45	15 52	1 24	14 2	0 59	14 10	1 1	5 46	2 49	20 56	0 39	18 30	1 20	11 4	15 3	23 44	23 47	23 56			n.a.
S 25	14 39	1 38	5 7	4 32	3 46	15 27	1 24	13 47	0 58	14 11	1 1	5 47	2 50	20 55	0 39	18 30	1 20	11 3	15 2	23 44	23 47	23 56			n.a.
S 26	14 19	3s33	4 56	4 40	3 45	15 1	1 24	13 33	0 58	14 12	1 2	5 49	2 50	20 54	0 39	18 30	1 20	11 2	15 2	23 44	23 47	23 56			n.a.
M27	14 0	8 42	4 29	4 52	3 44	14 35	1 24	13 19	0 58	14 13	1 2	5 51	2 50	20 53	0 39	18 30	1 19	11 1	15 2	23 45	23 47	23 56			n.a.
T 28	13 40	13 32	3 47	5 9	3 40	14 9	1 23	13 4	0 57	14 13	1 2	5 52	2 50	20 53	0 39	18 30	1 19	10 59	15 1	23 45	23 47	23 56			n.a.
W29	13 20	17 49	2 51	5 30	3 35	13 43	1 23	12 50	0 57	14 14	1 2	5 54	2 50	20 52	0 39	18 31	1 19	10 58	15 1	23 45	23 47	23 55			n.a.
T 30	13 0	21 12	1 44	5 55	3 28	13 16	1 23	12 35	0 57	14 15	1 2	5 56	2 50	20 51	0 39	18 31	1 19	10 57	15 1	23 45	23 47	23 55			n.a.
F 31	12n39	23s20	0n29	6n25	3s19	12n48	1n22	12n20	0n56	14n15	1s 2	5s58	2s51	20n50	0n39	18s31	1n19	10n56	15n 0	23n45	23n47	23n55			n.a.

Julian Day Number = 1364420.5, Delta T = 06h56m07s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°34'11, Lahiri = -17°27'10 Julian Calendar 1 Aug. 978 BCE == Greg. Calendar 23 July 978 BCE

The year -977 astronomical counting style corresponds to year 978 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 978 BCE
geocentric

SEPTEMBER 978 BCE (-977) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 0 40	28♌ 8'21	13♉29	4°R50	1♍35	1♍10	10♉37	21°R35	1♌15	27♏ 2	6♎58	4°R13	2♋29	18♋30	n.a.	S 1
S 2	22 4 36	29° 7'44	28°17	3♍42	2°50	1°50	10°39	21♓31	1°19	27° 3	7° 0	4♋11	2°26	18°37	n.a.	S 2
M 3	22 8 33	0♍ 7'08	13♒12	2°32	4° 5	2°31	10°40	21°27	1°22	27° 3	7° 2	4° 6	2°23	18°44	n.a.	M 3
T 4	22 12 30	1° 6'35	28° 7	1°20	5°21	3°11	10°41	21°22	1°26	27° 4	7° 4	3°59	2°20	18°50	n.a.	T 4
W 5	22 16 26	2° 6'04	12♓52	0°10	6°36	3°51	10°42	21°18	1°29	27° 4	7° 7	3°50	2°17	18°57	n.a.	W 5
T 6	22 20 23	3° 5'36	27°20	29♌ 1	7°51	4°32	10°42	21°13	1°32	27° 5	7° 9	3°41	2°13	19° 4	n.a.	T 6
F 7	22 24 19	4° 5'09	11♈24	27°58	9° 6	5°12	10°43	21° 9	1°36	27° 5	7°11	3°32	2°10	19°10	n.a.	F 7
S 8	22 28 16	5° 4'45	25° 1	27° 2	10°21	5°53	10°43	21° 4	1°39	27° 6	7°13	3°24	2° 7	19°17	n.a.	S 8
S 9	22 32 12	6° 4'23	8♉10	26°13	11°36	6°33	10°R43	21° 0	1°42	27° 7	7°15	3°18	2° 4	19°24	n.a.	S 9
M10	22 36 9	7° 4'04	20°54	25°34	12°52	7°14	10°43	20°55	1°46	27° 7	7°17	3°14	2° 1	19°30	n.a.	M10
T 11	22 40 5	8° 3'47	3♊16	25° 6	14° 7	7°55	10°42	20°51	1°49	27° 8	7°19	3°D13	1°57	19°37	n.a.	T 11
W12	22 44 2	9° 3'33	15°21	24°48	15°22	8°35	10°42	20°46	1°52	27° 9	7°22	3°13	1°54	19°43	n.a.	W12
T 13	22 47 58	10° 3'21	27°14	24°D42	16°37	9°16	10°41	20°41	1°55	27°10	7°24	3°R13	1°51	19°50	n.a.	T 13
F 14	22 51 55	11° 3'11	9♋ 2	24°47	17°53	9°57	10°40	20°36	1°58	27°11	7°26	3°13	1°48	19°57	n.a.	F 14
S 15	22 55 52	12° 3'04	20°49	25° 2	19° 8	10°38	10°39	20°32	2° 2	27°11	7°28	3°12	1°45	20° 3	n.a.	S 15
S 16	22 59 48	13° 2'59	2♌40	25°28	20°23	11°19	10°37	20°27	2° 5	27°12	7°30	3° 8	1°42	20°10	n.a.	S 16
M17	23 3 45	14° 2'56	14°38	26° 4	21°38	11°59	10°36	20°22	2° 8	27°13	7°33	3° 1	1°38	20°17	n.a.	M17
T 18	23 7 41	15° 2'55	26°46	26°48	22°54	12°40	10°34	20°17	2°11	27°14	7°35	2°52	1°35	20°23	n.a.	T 18
W19	23 11 38	16° 2'57	9♍ 7	27°40	24° 9	13°21	10°32	20°12	2°14	27°15	7°37	2°40	1°32	20°30	n.a.	W19
T 20	23 15 34	17° 3'00	21°40	28°39	25°24	14° 2	10°30	20° 7	2°17	27°16	7°40	2°27	1°29	20°37	n.a.	T 20
F 21	23 19 31	18° 3'06	4♎27	29°45	26°39	14°44	10°27	20° 2	2°20	27°17	7°42	2°14	1°26	20°43	n.a.	F 21
S 22	23 23 27	19° 3'13	17°25	0♍56	27°55	15°25	10°25	19°58	2°23	27°18	7°44	2° 1	1°22	20°50	n.a.	S 22
S 23	23 27 24	20° 3'22	0♏35	2°12	29°10	16° 6	10°22	19°53	2°25	27°19	7°47	1°51	1°19	20°57	n.a.	S 23
M24	23 31 20	21° 3'34	13°56	3°31	0♎25	16°47	10°19	19°48	2°28	27°21	7°49	1°44	1°16	21° 3	n.a.	M24
T 25	23 35 17	22° 3'46	27°27	4°55	1°40	17°28	10°16	19°43	2°31	27°22	7°51	1°39	1°13	21°10	n.a.	T 25
W26	23 39 14	23° 4'01	11♐ 9	6°21	2°56	18°10	10°12	19°38	2°34	27°23	7°54	1°37	1°10	21°17	n.a.	W26
T 27	23 43 10	24° 4'17	25° 3	7°49	4°11	18°51	10° 9	19°33	2°37	27°24	7°56	1°37	1° 7	21°23	n.a.	T 27
F 28	23 47 7	25° 4'35	9♑ 7	9°20	5°26	19°32	10° 5	19°28	2°39	27°25	7°58	1°37	1° 3	21°30	n.a.	F 28
S 29	23 51 3	26° 4'55	23°22	10°52	6°42	20°14	10° 1	19°24	2°42	27°27	8° 1	1°36	1° 0	21°37	n.a.	S 29
S 30	23 55 0	27♍ 5'16	7♒47	12♍25	7♎57	20♍55	9♉57	19♓19	2♌44	27♏28	8♎ 3	1♋32	0♋57	21♋43	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
S 1	12n18	23s56	0s50	6n58	3s 8	12n21	1n22	12n 6	0n56	14n15	1s 2	6s 0	2s51	20n50	0n39	18s31	1n19	10n55	15n 0	23n45	23n47	23n55	n.a.
S 2	11 57	22 52	2 5	7 35	2 55	11 53	1 21	11 51	0 55	14 16	1 2	6 1	2 51	20 49	0 39	18 31	1 19	10 54	14 59	23 45	23 47	23 55	n.a.
M 3	11 36	20 12	3 13	8 15	2 40	11 24	1 20	11 36	0 55	14 16	1 2	6 3	2 51	20 48	0 39	18 31	1 19	10 53	14 59	23 45	23 47	23 55	n.a.
T 4	11 15	16 10	4 8	8 56	2 24	10 56	1 19	11 21	0 55	14 16	1 2	6 5	2 51	20 47	0 39	18 32	1 19	10 52	14 59	23 45	23 47	23 55	n.a.
W 5	10 53	11 12	4 45	9 38	2 6	10 27	1 19	11 5	0 54	14 17	1 2	6 7	2 51	20 47	0 39	18 32	1 19	10 51	14 58	23 45	23 48	23 55	n.a.
T 6	10 32	5 42	5 3	10 20	1 46	9 57	1 18	10 50	0 54	14 17	1 3	6 9	2 51	20 46	0 39	18 32	1 19	10 49	14 58	23 46	23 48	23 55	n.a.
F 7	10 10	0 3	5 2	11 1	1 26	9 28	1 17	10 35	0 54	14 17	1 3	6 11	2 52	20 45	0 39	18 32	1 19	10 48	14 58	23 46	23 48	23 55	n.a.
S 8	9 48	5n26	4 44	11 40	1 6	8 58	1 16	10 19	0 53	14 17	1 3	6 13	2 52	20 44	0 39	18 32	1 19	10 47	14 57	23 46	23 48	23 54	n.a.
S 9	9 25	10 30	4 11	12 15	0 46	8 28	1 15	10 4	0 53	14 17	1 3	6 15	2 52	20 44	0 39	18 32	1 19	10 46	14 57	23 46	23 48	23 54	n.a.
M10	9 3	14 57	3 26	12 47	0 26	7 58	1 14	9 48	0 52	14 16	1 3	6 17	2 52	20 43	0 39	18 33	1 19	10 45	14 57	23 46	23 48	23 54	n.a.
T 11	8 40	18 38	2 33	13 15	0 7	7 27	1 12	9 32	0 52	14 16	1 3	6 19	2 52	20 42	0 39	18 33	1 19	10 44	14 56	23 46	23 48	23 54	n.a.
W12	8 18	21 26	1 34	13 38	0n12	6 57	1 11	9 16	0 52	14 16	1 3	6 21	2 52	20 42	0 39	18 33	1 19	10 43	14 56	23 46	23 48	23 54	n.a.
T 13	7 55	23 15	0 32	13 57	0 29	6 26	1 10	9 0	0 51	14 16	1 3	6 23	2 52	20 41	0 39	18 33	1 19	10 41	14 56	23 46	23 48	23 54	n.a.
F 14	7 32	24 1	0n31	14 10	0 44	5 55	1 9	8 44	0 51	14 15	1 3	6 25	2 52	20 40	0 40	18 34	1 18	10 40	14 56	23 46	23 48	23 54	n.a.
S 15	7 9	23 41	1 32	14 18	0 59	5 24	1 7	8 28	0 51	14 15	1 3	6 27	2 52	20 39	0 40	18 34	1 18	10 39	14 55	23 46	23 48	23 53	n.a.
S 16	6 46	22 18	2 30	14 21	1 11	4 52	1 6	8 12	0 50	14 14	1 3	6 28	2 52	20 39	0 40	18 34	1 18	10 38	14 55	23 46	23 48	23 53	n.a.
M17	6 22	19 54	3 21	14 19	1 23	4 21	1 4	7 56	0 50	14 14	1 3	6 30	2 52	20 38	0 40	18 34	1 18	10 37	14 55	23 47	23 48	23 53	n.a.
T 18	5 59	16 36	4 4	14 13	1 33	3 49	1 3	7 40	0 49	14 13	1 3	6 32	2 52	20 37	0 40	18 35	1 18	10 36	14 55	23 47	23 48	23 53	n.a.
W19	5 35	12 32	4 36	14 3	1 41	3 17	1 1	7 23	0 49	14 12	1 3	6 34	2 52	20 37	0 40	18 35	1 18	10 35	14 54	23 47	23 48	23 53	n.a.
T 20	5 11	7 52	4 56	13 48	1 48	2 46	0 59	7 7	0 48	14 12	1 4	6 36	2 52	20 36	0 40	18 35	1 18	10 34	14 54	23 47	23 48	23 52	n.a.
F 21	4 48	2 48	5 1	13 30	1 54	2 14	0 58	6 51	0 48	14 11	1 4	6 38	2 53	20 35	0 40	18 36	1 18	10 33	14 54	23 48	23 48	23 52	n.a.
S 22	4 24	2s29	4 50	13 9	1 58	1 42	0 56	6 34	0 48	14 10	1 4	6 40	2 53	20 35	0 40	18 36	1 18	10 31	14 54	23 48	23 48	23 52	n.a.
S 23	4 0	7 44	4 24	12 44	2 1	1 10	0 54	6 17	0 47	14 9	1 4	6 42	2 53	20 34	0 40	18 36	1 18	10 30	14 54	23 48	23 48	23 52	n.a.
M24	3 36	12 43	3 44	12 17	2 4	0 38	0 52	6 1	0 47	14 8	1 4	6 44	2 53	20 34	0 40	18 36	1 18	10 29	14 53	23 48	23 48	23 52	n.a.
T 25	3 12	17 8	2 50	11 48	2 5	0 5	0 50	5 44	0 46	14 7	1 4	6 46	2 53	20 33	0 40	18 37	1 18	10 28	14 53	23 48	23 48	23 51	n.a.
W26	2 48	20 43	1 46	11 16	2 6	0s27	0 48	5 27	0 46	14 6	1 4	6 48	2 53	20 32	0 40	18 37	1 18	10 27	14 53	23 48	23 48	23 51	n.a.
T 27	2 23	23 8	0 35	10 42	2 5	0 59	0 46	5 10	0 45	14 5	1 4	6 50	2 53	20 32	0 40	18 37	1 18	10 26	14 53	23 48	23 48	23 51	n.a.
F 28	1 59	24 9	0s40	10 6	2 4	1 31	0 44	4 54	0 45	14 3	1 4	6 52	2 53	20 31	0 40	18 38	1 18	10 25	14 53	23 48	23 48	23 51	n.a.
S 29	1 35	23 36	1 52	9 29	2 2	2 3	0 42	4 37	0 45	14 2	1 4	6 54	2 52	20 31	0 40	18 38	1 18	10 24	14 52	23 48	23 48	23 50	n.a.
S 30	1n11	21s29	2s59	8n51	2n 0	2s35	0n40	4n20	0n44	14n 1	1s 4	6s56	2s52	20n30	0n40	18s38	1n18	10n23	14n52	23n48	23n49	23n50	n.a.

Julian Day Number = 1364451.5, Delta T = 06h56m05s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°34'07, Lahiri = -17°27'06 Julian Calendar 1 Sept. 978 BCE == Greg. Calendar 23 Aug. 978 BCE

The year -977 astronomical counting style corresponds to year 978 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 978 BCE
geocentric

OCTOBER 978 BCE (-977) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 58 56	28♍ 5'38	22♒17	14♍ 0	9♎12	21♍37	9°R53	19°R14	2♌47	27♏29	8♎ 6	1°R26	0♋54	21♋50	n.a.	M 1
T 2	0 2 53	29° 6'02	6♓48	15°35	10°27	22°18	9♉48	19♓ 9	2°49	27°31	8° 8	1♋17	0°51	21°57	n.a.	T 2
W 3	0 6 49	0♎ 6'28	21°13	17°11	11°42	23° 0	9°43	19° 4	2°52	27°32	8°10	1° 6	0°48	22° 3	n.a.	W 3
T 4	0 10 46	1° 6'56	5♈26	18°47	12°58	23°41	9°39	19° 0	2°54	27°34	8°13	0°53	0°44	22°10	n.a.	T 4
F 5	0 14 43	2° 7'25	19°21	20°24	14°13	24°23	9°33	18°55	2°57	27°35	8°15	0°41	0°41	22°17	n.a.	F 5
S 6	0 18 39	3° 7'56	2♉53	22° 1	15°28	25° 5	9°28	18°50	2°59	27°37	8°18	0°30	0°38	22°23	n.a.	S 6
S 7	0 22 36	4° 8'29	16° 1	23°38	16°43	25°47	9°23	18°46	3° 1	27°38	8°20	0°21	0°35	22°30	n.a.	S 7
M 8	0 26 32	5° 9'04	28°46	25°15	17°59	26°28	9°17	18°41	3° 4	27°40	8°22	0°15	0°32	22°36	n.a.	M 8
T 9	0 30 29	6° 9'41	11♊ 9	26°52	19°14	27°10	9°12	18°37	3° 6	27°41	8°25	0°12	0°28	22°43	n.a.	T 9
W10	0 34 25	7°10'19	23°16	28°29	20°29	27°52	9° 6	18°32	3° 8	27°43	8°27	0°11	0°25	22°50	n.a.	W10
T 11	0 38 22	8°11'00	5♋11	0♎ 5	21°44	28°34	9° 0	18°28	3°10	27°44	8°30	0°11	0°22	22°56	n.a.	T 11
F 12	0 42 18	9°11'42	17° 0	1°42	22°59	29°16	8°54	18°23	3°12	27°46	8°32	0°10	0°19	23° 3	n.a.	F 12
S 13	0 46 15	10°12'27	28°48	3°19	24°15	29°58	8°48	18°19	3°14	27°48	8°35	0° 9	0°16	23°10	n.a.	S 13
S 14	0 50 12	11°13'13	10♌41	4°55	25°30	0♎40	8°41	18°15	3°16	27°49	8°37	0° 6	0°13	23°16	n.a.	S 14
M15	0 54 8	12°14'00	22°43	6°31	26°45	1°22	8°35	18°10	3°18	27°51	8°39	29♊59	0° 9	23°23	n.a.	M15
T 16	0 58 5	13°14'50	4♍58	8° 7	28° 0	2° 5	8°28	18° 6	3°20	27°53	8°42	29°50	0° 6	23°30	n.a.	T 16
W17	1 2 1	14°15'41	17°30	9°43	29°15	2°47	8°21	18° 2	3°22	27°54	8°44	29°39	0° 3	23°36	n.a.	W17
T 18	1 5 58	15°16'33	0♎19	11°18	0♏31	3°29	8°14	17°58	3°24	27°56	8°47	29°26	29♊59	23°43	n.a.	T 18
F 19	1 9 54	16°17'27	13°24	12°54	1°46	4°11	8° 7	17°54	3°25	27°58	8°49	29°13	29°57	23°50	n.a.	F 19
S 20	1 13 51	17°18'22	26°46	14°29	3° 1	4°54	8° 0	17°50	3°27	28° 0	8°52	29° 1	29°53	23°56	n.a.	S 20
S 21	1 17 47	18°19'19	10♏21	16° 4	4°16	5°36	7°53	17°46	3°29	28° 2	8°54	28°51	29°50	24° 3	n.a.	S 21
M22	1 21 44	19°20'16	24° 6	17°39	5°31	6°19	7°45	17°42	3°30	28° 4	8°56	28°44	29°47	24°10	n.a.	M22
T 23	1 25 41	20°21'15	7♐58	19°14	6°46	7° 1	7°38	17°39	3°32	28° 5	8°59	28°39	29°44	24°16	n.a.	T 23
W24	1 29 37	21°22'15	21°56	20°48	8° 1	7°44	7°30	17°35	3°33	28° 7	9° 1	28°38	29°41	24°23	n.a.	W24
T 25	1 33 34	22°23'16	5♑57	22°23	9°17	8°26	7°23	17°32	3°34	28° 9	9° 4	28°D38	29°38	24°30	n.a.	T 25
F 26	1 37 30	23°24'18	20° 2	23°57	10°32	9° 9	7°15	17°28	3°36	28°11	9° 6	28°R38	29°34	24°36	n.a.	F 26
S 27	1 41 27	24°25'20	4♒ 8	25°32	11°47	9°51	7° 7	17°25	3°37	28°13	9° 8	28°38	29°31	24°43	n.a.	S 27
S 28	1 45 23	25°26'23	18°15	27° 6	13° 2	10°34	6°59	17°21	3°38	28°15	9°11	28°35	29°28	24°50	n.a.	S 28
M29	1 49 20	26°27'27	2♓21	28°40	14°17	11°17	6°51	17°18	3°40	28°17	9°13	28°31	29°25	24°56	n.a.	M29
T 30	1 53 16	27°28'31	16°25	0♏15	15°32	12° 0	6°43	17°15	3°41	28°19	9°15	28°23	29°22	25° 3	n.a.	T 30
W31	1 57 13	28♎29'36	0♈21	1♏49	16♏47	12♎42	6♉35	17♓12	3♌42	28♏21	9♎18	28♊14	29♊19	25♋10	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	0n46	17s58	3s54	8n11	1n57	3s 7	0n38	4n 3	0n44	13n59	1s 4	6s58	2s52	20n29	0n40	18s39	1n18	10n22	14n52	23n48	23n49	23n50			n.a.
T 2	0 22	13 22	4 34	7 31	1 54	3 39	0 36	3 46	0 43	13 58	1 4	7 0	2 52	20 29	0 40	18 39	1 18	10 21	14 52	23 48	23 49	23 49			n.a.
W 3	0s 3	8 3	4 56	6 49	1 50	4 11	0 34	3 28	0 43	13 56	1 4	7 1	2 52	20 28	0 40	18 40	1 18	10 19	14 52	23 48	23 49	23 49			n.a.
T 4	0 27	2 22	4 59	6 7	1 46	4 43	0 32	3 11	0 42	13 55	1 4	7 3	2 52	20 28	0 40	18 40	1 17	10 18	14 52	23 49	23 49	23 49			n.a.
F 5	0 51	3n18	4 45	5 24	1 41	5 14	0 29	2 54	0 42	13 53	1 4	7 5	2 52	20 27	0 40	18 40	1 17	10 17	14 52	23 49	23 49	23 49			n.a.
S 6	1 16	8 41	4 14	4 41	1 36	5 46	0 27	2 37	0 41	13 52	1 4	7 7	2 52	20 27	0 40	18 41	1 17	10 16	14 52	23 49	23 49	23 48			n.a.
S 7	1 40	13 31	3 31	3 58	1 31	6 17	0 25	2 20	0 41	13 50	1 4	7 9	2 52	20 26	0 40	18 41	1 17	10 15	14 51	23 49	23 49	23 48			n.a.
M 8	2 5	17 37	2 38	3 14	1 26	6 49	0 22	2 2	0 40	13 48	1 4	7 10	2 52	20 26	0 40	18 41	1 17	10 14	14 51	23 49	23 49	23 48			n.a.
T 9	2 29	20 50	1 39	2 29	1 20	7 20	0 20	1 45	0 40	13 46	1 4	7 12	2 52	20 25	0 40	18 42	1 17	10 13	14 51	23 49	23 49	23 47			n.a.
W10	2 53	23 2	0 37	1 45	1 15	7 51	0 18	1 28	0 39	13 44	1 4	7 14	2 52	20 25	0 40	18 42	1 17	10 12	14 51	23 49	23 49	23 47			n.a.
T 11	3 18	24 9	0n27	1 1	1 9	8 22	0 15	1 10	0 39	13 42	1 4	7 15	2 52	20 24	0 40	18 43	1 17	10 11	14 51	23 49	23 49	23 47			n.a.
F 12	3 42	24 10	1 28	0 16	1 3	8 52	0 13	0 53	0 38	13 40	1 4	7 17	2 52	20 24	0 40	18 43	1 17	10 10	14 51	23 49	23 49	23 46			n.a.
S 13	4 6	23 6	2 26	0s29	0 56	9 23	0 11	0 35	0 38	13 38	1 4	7 19	2 51	20 24	0 40	18 43	1 17	10 9	14 51	23 49	23 49	23 46			n.a.
S 14	4 30	20 59	3 17	1 13	0 50	9 53	0 8	0 18	0 37	13 36	1 4	7 20	2 51	20 23	0 41	18 44	1 17	10 8	14 51	23 49	23 49	23 46			n.a.
M15	4 54	17 56	4 1	1 58	0 44	10 23	0 6	0 1	0 37	13 34	1 4	7 22	2 51	20 23	0 41	18 44	1 17	10 7	14 51	23 49	23 49	23 45			n.a.
T 16	5 18	14 4	4 34	2 42	0 37	10 53	0 3	0s17	0 36	13 32	1 4	7 23	2 51	20 22	0 41	18 45	1 17	10 6	14 51	23 49	23 49	23 45			n.a.
W17	5 42	9 31	4 55	3 26	0 31	11 22	0 1	0 34	0 36	13 30	1 4	7 25	2 51	20 22	0 41	18 45	1 17	10 5	14 51	23 49	23 49	23 45			n.a.
T 18	6 6	4 28	5 1	4 10	0 24	11 51	0s 2	0 52	0 35	13 28	1 4	7 26	2 51	20 22	0 41	18 46	1 17	10 4	14 51	23 49	23 49	23 44			n.a.
F 19	6 30	0s54	4 52	4 54	0 18	12 20	0 4	1 9	0 35	13 25	1 4	7 28	2 51	20 21	0 41	18 46	1 17	10 3	14 51	23 49	23 49	23 44			n.a.
S 20	6 54	6 20	4 27	5 37	0 11	12 49	0 7	1 27	0 34	13 23	1 4	7 29	2 50	20 21	0 41	18 46	1 17	10 3	14 51	23 48	23 49	23 43			n.a.
S 21	7 17	11 34	3 47	6 21	0 5	13 17	0 9	1 44	0 34	13 21	1 4	7 31	2 50	20 20	0 41	18 47	1 17	10 2	14 51	23 48	23 49	23 43			n.a.
M22	7 41	16 18	2 53	7 4	0s 2	13 45	0 12	2 2	0 33	13 18	1 4	7 32	2 50	20 20	0 41	18 47	1 17	10 1	14 51	23 48	23 49	23 43			n.a.
T 23	8 4	20 13	1 48	7 46	0 9	14 13	0 14	2 20	0 33	13 16	1 4	7 33	2 50	20 20	0 41	18 48	1 17	10 0	14 51	23 48	23 49	23 42			n.a.
W24	8 28	22 58	0 36	8 29	0 15	14 40	0 17	2 37	0 32	13 14	1 4	7 35	2 50	20 19	0 41	18 48	1 17	9 59	14 51	23 48	23 49	23 42			n.a.
T 25	8 51	24 19	0s39	9 10	0 21	15 7	0 19	2 55	0 32	13 11	1 4	7 36	2 50	20 19	0 41	18 49	1 17	9 58	14 51	23 48	23 49	23 41			n.a.
F 26	9 14	24 8	1 51	9 52	0 28	15 33	0 22	3 12	0 31	13 9	1 4	7 37	2 49	20 19	0 41	18 49	1 17	9 57	14 51	23 48	23 49	23 41			n.a.
S 27	9 37	22 24	2 57	10 33	0 34	15 59	0 24	3 30	0 31	13 6	1 3	7 38	2 49	20 19	0 41	18 50	1 17	9 56	14 51	23 48	23 49	23 40			n.a.
S 28	9 59	19 16	3 52	11 13	0 40	16 25	0 27	3 47	0 30	13 4	1 3	7 39	2 49	20 18	0 41	18 50	1 17	9 55	14 51	23 48	23 49	23 40			n.a.
M29	10 22	15 2	4 33	11 53	0 46	16 50	0 29	4 5	0 30	13 1	1 3	7 40	2 49	20 18	0 41	18 51	1 17	9 55	14 52	23 48	23 49	23 40			n.a.
T 30	10 44	10 0	4 58	12 33	0 52	17 15	0 32	4 22	0 29	12 59	1 3	7 41	2 49	20 18	0 41	18 51	1 16	9 54	14 52	23 48	23 49	23 39			n.a.
W31	11s 6	4s29	5s 4	13s12	0s58	17s39	0s34	4s40	0n28	12n56	1s 3	7s42	2s48	20n18	0n41	18s52	1n16	9n53	14n52	23n48	23n49	23n39			n.a.

Julian Day Number = 1364481.5, Delta T = 06h56m04s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°34'02, Lahiri = -17°27'02 Julian Calendar 1 Oct. 978 BCE == Greg. Calendar 22 Sept. 978 BCE

The year -977 astronomical counting style corresponds to year 978 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 978 BCE
geocentric

NOVEMBER 978 BCE (-977) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 1 10	29♎30'42	14♈ 8	3♏23	18♏ 2	13♎25	6°R27	17°R 9	3♌43	28♏23	9♎20	28°R 4	29♊15	25♋16	n.a.	T 1
F 2	2 5 6	0♏31'49	27°41	4°57	19°17	14° 8	6♉19	17♓ 6	3°44	28°25	9°22	27♊53	29°12	25°23	n.a.	F 2
S 3	2 9 3	1°32'57	10♉57	6°31	20°32	14°51	6°11	17° 4	3°45	28°27	9°25	27°44	29° 9	25°30	n.a.	S 3
S 4	2 12 59	2°34'05	23°54	8° 6	21°47	15°34	6° 3	17° 1	3°46	28°29	9°27	27°37	29° 6	25°36	n.a.	S 4
M 5	2 16 56	3°35'15	6♊33	9°40	23° 2	16°17	5°55	16°58	3°46	28°31	9°29	27°32	29° 3	25°43	n.a.	M 5
T 6	2 20 52	4°36'25	18°54	11°15	24°17	17° 0	5°47	16°56	3°47	28°33	9°31	27°30	28°59	25°50	n.a.	T 6
W 7	2 24 49	5°37'36	1♋ 0	12°49	25°32	17°43	5°38	16°53	3°48	28°36	9°34	27°D29	28°56	25°56	n.a.	W 7
T 8	2 28 45	6°38'49	12°56	14°24	26°47	18°26	5°30	16°51	3°48	28°38	9°36	27°30	28°53	26° 3	n.a.	T 8
F 9	2 32 42	7°40'02	24°45	15°58	28° 2	19°10	5°22	16°49	3°49	28°40	9°38	27°32	28°50	26°10	n.a.	F 9
S 10	2 36 39	8°41'15	6♌34	17°33	29°17	19°53	5°14	16°47	3°50	28°42	9°40	27°R32	28°47	26°16	n.a.	S 10
S 11	2 40 35	9°42'30	18°27	19° 8	0♐32	20°36	5° 6	16°45	3°50	28°44	9°43	27°32	28°44	26°23	n.a.	S 11
M12	2 44 32	10°43'45	0♍30	20°42	1°47	21°20	4°58	16°43	3°50	28°46	9°45	27°30	28°40	26°30	n.a.	M12
T 13	2 48 28	11°45'01	12°47	22°17	3° 2	22° 3	4°50	16°41	3°51	28°49	9°47	27°25	28°37	26°36	n.a.	T 13
W14	2 52 25	12°46'18	25°22	23°52	4°17	22°46	4°42	16°40	3°51	28°51	9°49	27°19	28°34	26°43	n.a.	W14
T 15	2 56 21	13°47'35	8♎19	25°27	5°31	23°30	4°34	16°38	3°51	28°53	9°51	27°12	28°31	26°50	n.a.	T 15
F 16	3 0 18	14°48'53	21°37	27° 1	6°46	24°13	4°26	16°37	3°51	28°55	9°53	27° 4	28°28	26°56	n.a.	F 16
S 17	3 4 14	15°50'11	5♏17	28°36	8° 1	24°57	4°18	16°35	3°52	28°57	9°55	26°57	28°25	27° 3	n.a.	S 17
S 18	3 8 11	16°51'30	19°14	0♐10	9°16	25°41	4°10	16°34	3°52	29° 0	9°57	26°51	28°21	27°10	n.a.	S 18
M19	3 12 8	17°52'49	3♐26	1°44	10°31	26°24	4° 2	16°33	3°R52	29° 2	9°59	26°47	28°18	27°16	n.a.	M19
T 20	3 16 4	18°54'08	17°47	3°18	11°46	27° 8	3°54	16°32	3°52	29° 4	10° 1	26°44	28°15	27°23	n.a.	T 20
W21	3 20 1	19°55'27	2♑11	4°51	13° 0	27°52	3°47	16°31	3°52	29° 6	10° 3	26°D44	28°12	27°30	n.a.	W21
T 22	3 23 57	20°56'45	16°35	6°23	14°15	28°35	3°39	16°31	3°51	29° 9	10° 5	26°45	28° 9	27°36	n.a.	T 22
F 23	3 27 54	21°58'04	0♒54	7°55	15°30	29°19	3°32	16°30	3°51	29°11	10° 7	26°47	28° 5	27°43	n.a.	F 23
S 24	3 31 50	22°59'22	15° 6	9°26	16°45	0♏ 3	3°25	16°29	3°51	29°13	10° 9	26°48	28° 2	27°50	n.a.	S 24
S 25	3 35 47	24° 0'40	29°10	10°55	17°59	0°47	3°17	16°29	3°51	29°15	10°11	26°R48	27°59	27°56	n.a.	S 25
M26	3 39 44	25° 1'58	13♓ 3	12°23	19°14	1°31	3°10	16°29	3°50	29°18	10°13	26°47	27°56	28° 3	n.a.	M26
T 27	3 43 40	26° 3'15	26°46	13°49	20°29	2°15	3° 3	16°28	3°50	29°20	10°15	26°44	27°53	28°10	n.a.	T 27
W28	3 47 37	27° 4'31	10♈18	15°12	21°43	2°59	2°56	16°D28	3°49	29°22	10°17	26°40	27°50	28°16	n.a.	W28
T 29	3 51 33	28° 5'47	23°37	16°33	22°58	3°43	2°50	16°28	3°49	29°24	10°19	26°35	27°46	28°23	n.a.	T 29
F 30	3 55 30	29♏ 7'03	6♉44	17♐51	24♐13	4♏27	2♉43	16♓29	3♌48	29♏27	10♎20	26♊30	27♊43	28♋30	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s28	1n11	4s52	13s50	1s 4	18s 3	0s36	4s57	0n28	12n53	1s 3	7s43	2s48	20n18	0n41	18s52	1n16	9n52	14n52	23n48	23n49	23n38		n.a.
F 2	11 50	6 42	4 25	14 28	1 10	18 27	0 39	5 14	0 27	12 51	1 3	7 44	2 48	20 17	0 41	18 53	1 16	9 51	14 52	23 48	23 49	23 38		n.a.
S 3	12 12	11 49	3 43	15 5	1 15	18 49	0 41	5 32	0 27	12 48	1 3	7 45	2 48	20 17	0 41	18 53	1 16	9 51	14 52	23 48	23 49	23 37		n.a.
S 4	12 33	16 18	2 50	15 42	1 21	19 12	0 44	5 49	0 26	12 46	1 3	7 46	2 47	20 17	0 41	18 54	1 16	9 50	14 52	23 47	23 49	23 37		n.a.
M 5	12 54	19 56	1 50	16 17	1 26	19 34	0 46	6 6	0 26	12 43	1 3	7 47	2 47	20 17	0 41	18 54	1 16	9 49	14 52	23 47	23 49	23 36		n.a.
T 6	13 15	22 34	0 46	16 52	1 31	19 55	0 48	6 24	0 25	12 40	1 2	7 48	2 47	20 17	0 42	18 55	1 16	9 48	14 53	23 47	23 48	23 36		n.a.
W 7	13 36	24 7	0n19	17 26	1 35	20 16	0 51	6 41	0 24	12 38	1 2	7 48	2 47	20 17	0 42	18 55	1 16	9 48	14 53	23 47	23 48	23 35		n.a.
T 8	13 57	24 32	1 22	18 0	1 40	20 36	0 53	6 58	0 24	12 35	1 2	7 49	2 47	20 16	0 42	18 56	1 16	9 47	14 53	23 47	23 48	23 35		n.a.
F 9	14 17	23 50	2 22	18 32	1 44	20 55	0 55	7 15	0 23	12 33	1 2	7 50	2 46	20 16	0 42	18 56	1 16	9 46	14 53	23 47	23 48	23 34		n.a.
S 10	14 37	22 4	3 15	19 4	1 48	21 14	0 57	7 33	0 23	12 30	1 2	7 50	2 46	20 16	0 42	18 57	1 16	9 46	14 53	23 47	23 48	23 34		n.a.
S 11	14 57	19 20	4 0	19 34	1 52	21 33	0 59	7 50	0 22	12 27	1 2	7 51	2 46	20 16	0 42	18 57	1 16	9 45	14 53	23 47	23 48	23 33		n.a.
M12	15 16	15 45	4 36	20 4	1 56	21 51	1 2	8 7	0 22	12 25	1 2	7 51	2 46	20 16	0 42	18 58	1 16	9 44	14 54	23 47	23 48	23 33		n.a.
T 13	15 36	11 27	4 59	20 32	1 59	22 8	1 4	8 24	0 21	12 22	1 1	7 52	2 45	20 16	0 42	18 58	1 16	9 44	14 54	23 47	23 48	23 32		n.a.
W14	15 55	6 34	5 9	21 0	2 2	22 24	1 6	8 41	0 20	12 20	1 1	7 52	2 45	20 16	0 42	18 59	1 16	9 43	14 54	23 47	23 48	23 31		n.a.
T 15	16 13	1 17	5 3	21 26	2 4	22 40	1 8	8 58	0 20	12 17	1 1	7 53	2 45	20 16	0 42	18 59	1 16	9 42	14 54	23 47	23 48	23 31		n.a.
F 16	16 32	4s13	4 41	21 51	2 6	22 55	1 10	9 14	0 19	12 14	1 1	7 53	2 44	20 16	0 42	19 0	1 16	9 42	14 55	23 47	23 48	23 30		n.a.
S 17	16 50	9 40	4 3	22 14	2 8	23 10	1 12	9 31	0 18	12 12	1 1	7 53	2 44	20 16	0 42	19 0	1 16	9 41	14 55	23 47	23 48	23 30		n.a.
S 18	17 8	14 46	3 10	22 37	2 10	23 24	1 14	9 48	0 18	12 9	1 0	7 53	2 44	20 16	0 42	19 1	1 16	9 40	14 55	23 46	23 48	23 29		n.a.
M19	17 26	19 9	2 3	22 58	2 10	23 37	1 15	10 5	0 17	12 7	1 0	7 54	2 44	20 16	0 42	19 1	1 16	9 40	14 55	23 46	23 48	23 29		n.a.
T 20	17 43	22 26	0 49	23 17	2 11	23 49	1 17	10 21	0 17	12 5	1 0	7 54	2 43	20 16	0 42	19 2	1 16	9 39	14 56	23 46	23 48	23 28		n.a.
W21	18 0	24 17	0s30	23 35	2 11	24 1	1 19	10 38	0 16	12 2	1 0	7 54	2 43	20 16	0 42	19 2	1 16	9 39	14 56	23 46	23 48	23 27		n.a.
T 22	18 16	24 31	1 46	23 51	2 10	24 12	1 21	10 54	0 15	12 0	1 0	7 54	2 43	20 16	0 42	19 3	1 16	9 38	14 56	23 46	23 48	23 27		n.a.
F 23	18 33	23 7	2 56	24 5	2 9	24 22	1 22	11 10	0 15	11 57	0 59	7 54	2 43	20 16	0 42	19 3	1 16	9 38	14 56	23 46	23 48	23 26		n.a.
S 24	18 48	20 16	3 54	24 18	2 7	24 32	1 24	11 27	0 14	11 55	0 59	7 54	2 42	20 17	0 42	19 4	1 16	9 37	14 57	23 46	23 48	23 26		n.a.
S 25	19 4	16 16	4 37	24 29	2 4	24 41	1 25	11 43	0 13	11 53	0 59	7 54	2 42	20 17	0 42	19 4	1 16	9 37	14 57	23 46	23 48	23 25		n.a.
M26	19 19	11 25	5 4	24 38	2 1	24 49	1 27	11 59	0 13	11 51	0 59	7 54	2 42	20 17	0 42	19 5	1 16	9 36	14 57	23 46	23 48	23 24		n.a.
T 27	19 34	6 4	5 13	24 45	1 57	24 56	1 28	12 15	0 12	11 48	0 59	7 53	2 41	20 17	0 42	19 5	1 16	9 36	14 58	23 46	23 48	23 24		n.a.
W28	19 49	0 31	5 4	24 50	1 52	25 2	1 30	12 31	0 11	11 46	0 58	7 53	2 41	20 17	0 42	19 6	1 16	9 36	14 58	23 46	23 48	23 23		n.a.
T 29	20 3	5n 0	4 39	24 53	1 46	25 8	1 31	12 47	0 11	11 44	0 58	7 53	2 41	20 17	0 43	19 6	1 16	9 35	14 58	23 46	23 48	23 22		n.a.
F 30	20s16	10n12	3s59	24s54	1s39	25s13	1s32	13s 3	0n10	11n42	0s58	7s53	2s41	20n18	0n43	19s 7	1n16	9n35	14n58	23n46	23n48	23n22		n.a.

Julian Day Number = 1364512.5, Delta T = 06h56m02s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°33'58, Lahiri = -17°26'58 Julian Calendar 1 Nov. 978 BCE == Greg. Calendar 23 Oct. 978 BCE

The year -977 astronomical counting style corresponds to year 978 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 978 BCE
geocentric

DECEMBER 978 BCE (-977) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 59 26	0♐ 8'18	19♉36	19♐ 5	25♐27	5♏11	2°R37	16♓29	3°R47	29♏29	10♎22	26°R26	27♊40	28♋36	n.a.	S 1
S 2	4 3 23	1° 9'34	2♊15	20°15	26°42	5°55	2♉30	16°29	3♌47	29°31	10°24	26♊23	27°37	28°43	n.a.	S 2
M 3	4 7 19	2°10'48	14°41	21°20	27°56	6°39	2°24	16°30	3°46	29°34	10°26	26°21	27°34	28°50	n.a.	M 3
T 4	4 11 16	3°12'03	26°54	22°19	29°11	7°23	2°18	16°30	3°45	29°36	10°27	26°D21	27°30	28°56	n.a.	T 4
W 5	4 15 13	4°13'17	8♋56	23°11	0♌25	8° 8	2°12	16°31	3°44	29°38	10°29	26°21	27°27	29° 3	n.a.	W 5
T 6	4 19 9	5°14'31	20°50	23°56	1°40	8°52	2° 6	16°32	3°43	29°40	10°31	26°22	27°24	29°10	n.a.	T 6
F 7	4 23 6	6°15'44	2♌40	24°32	2°54	9°36	2° 1	16°33	3°42	29°43	10°32	26°24	27°21	29°16	n.a.	F 7
S 8	4 27 2	7°16'57	14°29	24°59	4° 9	10°21	1°55	16°34	3°41	29°45	10°34	26°26	27°18	29°23	n.a.	S 8
S 9	4 30 59	8°18'10	26°21	25°15	5°23	11° 5	1°50	16°35	3°40	29°47	10°35	26°27	27°15	29°30	n.a.	S 9
M10	4 34 55	9°19'22	8♍22	25°R21	6°37	11°50	1°45	16°36	3°39	29°49	10°37	26°R28	27°11	29°36	n.a.	M10
T 11	4 38 52	10°20'34	20°37	25°16	7°52	12°34	1°40	16°38	3°38	29°52	10°38	26°27	27° 8	29°43	n.a.	T 11
W12	4 42 49	11°21'46	3♎10	24°59	9° 6	13°19	1°35	16°39	3°37	29°54	10°40	26°26	27° 5	29°50	n.a.	W12
T 13	4 46 45	12°22'57	16° 4	24°30	10°20	14° 3	1°31	16°41	3°35	29°56	10°41	26°25	27° 2	29°56	n.a.	T 13
F 14	4 50 42	13°24'07	29°23	23°50	11°34	14°48	1°26	16°43	3°34	29°58	10°43	26°23	26°59	0♌ 3	n.a.	F 14
S 15	4 54 38	14°25'17	13♏ 8	22°59	12°49	15°32	1°22	16°44	3°33	0♐ 1	10°44	26°21	26°56	0°10	n.a.	S 15
S 16	4 58 35	15°26'26	27°17	21°59	14° 3	16°17	1°18	16°46	3°31	0° 3	10°45	26°20	26°52	0°16	n.a.	S 16
M17	5 2 31	16°27'35	11♐46	20°52	15°17	17° 2	1°14	16°48	3°30	0° 5	10°47	26°19	26°49	0°23	n.a.	M17
T 18	5 6 28	17°28'42	26°31	19°40	16°31	17°47	1°11	16°51	3°28	0° 7	10°48	26°D18	26°46	0°30	n.a.	T 18
W19	5 10 24	18°29'49	11♑23	18°25	17°45	18°31	1° 7	16°53	3°27	0° 9	10°49	26°19	26°43	0°36	n.a.	W19
T 20	5 14 21	19°30'54	26°14	17° 8	18°59	19°16	1° 4	16°55	3°25	0°12	10°50	26°19	26°40	0°43	n.a.	T 20
F 21	5 18 18	20°31'58	10♒59	15°53	20°13	20° 1	1° 1	16°58	3°23	0°14	10°52	26°20	26°36	0°50	n.a.	F 21
S 22	5 22 14	21°33'01	25°30	14°42	21°27	20°46	0°58	17° 0	3°22	0°16	10°53	26°20	26°33	0°56	n.a.	S 22
S 23	5 26 11	22°34'02	9♓44	13°36	22°41	21°31	0°55	17° 3	3°20	0°18	10°54	26°21	26°30	1° 3	n.a.	S 23
M24	5 30 7	23°35'02	23°40	12°36	23°55	22°16	0°53	17° 6	3°18	0°20	10°55	26°R21	26°27	1°10	n.a.	M24
T 25	5 34 4	24°36'00	7♈16	11°44	25° 9	23° 1	0°50	17° 9	3°16	0°22	10°56	26°21	26°24	1°16	n.a.	T 25
W26	5 38 0	25°36'57	20°33	11° 0	26°22	23°46	0°48	17°12	3°14	0°24	10°57	26°21	26°21	1°23	n.a.	W26
T 27	5 41 57	26°37'52	3♉33	10°25	27°36	24°31	0°46	17°15	3°13	0°27	10°58	26°D21	26°17	1°30	n.a.	T 27
F 28	5 45 54	27°38'46	16°18	9°58	28°50	25°16	0°45	17°18	3°11	0°29	10°59	26°21	26°14	1°36	n.a.	F 28
S 29	5 49 50	28°39'38	28°50	9°40	0♒ 3	26° 1	0°43	17°21	3° 9	0°31	11° 0	26°21	26°11	1°43	n.a.	S 29
S 30	5 53 47	29°40'29	11♊10	9°31	1°17	26°46	0°42	17°25	3° 7	0°33	11° 1	26°21	26° 8	1°50	n.a.	S 30
M31	5 57 43	0♑41'18	23♊20	9°D29	2♒31	27♏31	0♉41	17♓28	3♌ 5	0♐35	11♎ 1	26°R21	26♊ 5	1♌56	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s30	14n53	3s 8	24s52	1s31	25s17	1s33	13s18	0n 9	11n40	0s58	7s52	2s40	20n18	0n43	19s 7	1n16	9n34	14n59	23n46	23n47	23n21		n.a.
S 2	20 43	18 50	2 9	24 49	1 23	25 21	1 35	13 34	0 9	11 38	0 57	7 52	2 40	20 18	0 43	19 8	1 16	9 34	14 59	23 46	23 47	23 20		n.a.
M 3	20 55	21 52	1 4	24 44	1 13	25 23	1 36	13 49	0 8	11 36	0 57	7 51	2 40	20 18	0 43	19 8	1 16	9 34	14 59	23 46	23 47	23 20		n.a.
T 4	21 7	23 50	0n 3	24 36	1 2	25 25	1 37	14 5	0 7	11 34	0 57	7 51	2 39	20 18	0 43	19 9	1 16	9 33	15 0	23 46	23 47	23 19		n.a.
W 5	21 19	24 39	1 9	24 27	0 49	25 26	1 38	14 20	0 7	11 32	0 57	7 50	2 39	20 19	0 43	19 9	1 16	9 33	15 0	23 46	23 47	23 18		n.a.
T 6	21 30	24 20	2 11	24 16	0 36	25 27	1 38	14 35	0 6	11 31	0 56	7 50	2 39	20 19	0 43	19 10	1 16	9 33	15 1	23 46	23 47	23 18		n.a.
F 7	21 41	22 54	3 7	24 3	0 21	25 26	1 39	14 50	0 5	11 29	0 56	7 49	2 39	20 19	0 43	19 10	1 16	9 32	15 1	23 46	23 47	23 17		n.a.
S 8	21 52	20 29	3 56	23 48	0 5	25 25	1 40	15 5	0 5	11 27	0 56	7 48	2 38	20 19	0 43	19 11	1 16	9 32	15 1	23 46	23 47	23 16		n.a.
S 9	22 2	17 12	4 34	23 32	0n11	25 23	1 41	15 19	0 4	11 26	0 56	7 48	2 38	20 20	0 43	19 11	1 16	9 32	15 2	23 46	23 47	23 16		n.a.
M10	22 12	13 12	5 1	23 15	0 29	25 20	1 41	15 34	0 3	11 24	0 55	7 47	2 38	20 20	0 43	19 12	1 16	9 32	15 2	23 46	23 47	23 15		n.a.
T 11	22 21	8 35	5 15	22 56	0 48	25 16	1 42	15 49	0 3	11 23	0 55	7 46	2 37	20 20	0 43	19 12	1 16	9 31	15 2	23 46	23 47	23 14		n.a.
W12	22 30	3 31	5 14	22 36	1 7	25 12	1 42	16 3	0 2	11 21	0 55	7 45	2 37	20 21	0 43	19 13	1 16	9 31	15 3	23 46	23 47	23 14		n.a.
T 13	22 38	1s50	4 58	22 16	1 26	25 6	1 43	16 17	0 1	11 20	0 55	7 44	2 37	20 21	0 43	19 13	1 16	9 31	15 3	23 46	23 47	23 13		n.a.
F 14	22 46	7 17	4 26	21 55	1 45	25 0	1 43	16 31	0 0	11 18	0 54	7 43	2 37	20 21	0 43	19 14	1 16	9 31	15 4	23 46	23 47	23 12		n.a.
S 15	22 53	12 34	3 37	21 33	2 4	24 54	1 43	16 45	0s 0	11 17	0 54	7 42	2 36	20 22	0 43	19 14	1 16	9 31	15 4	23 46	23 47	23 11		n.a.
S 16	23 0	17 21	2 34	21 12	2 22	24 46	1 43	16 59	0 1	11 16	0 54	7 41	2 36	20 22	0 43	19 15	1 16	9 30	15 4	23 46	23 46	23 11		n.a.
M17	23 7	21 14	1 20	20 51	2 39	24 38	1 43	17 13	0 2	11 15	0 54	7 40	2 36	20 23	0 43	19 15	1 16	9 30	15 5	23 46	23 46	23 10		n.a.
T 18	23 13	23 47	0s 1	20 31	2 53	24 29	1 43	17 26	0 2	11 14	0 53	7 39	2 35	20 23	0 43	19 15	1 16	9 30	15 5	23 46	23 46	23 9		n.a.
W19	23 18	24 41	1 23	20 12	3 6	24 19	1 43	17 39	0 3	11 13	0 53	7 38	2 35	20 23	0 43	19 16	1 16	9 30	15 6	23 46	23 46	23 8		n.a.
T 20	23 23	23 50	2 39	19 55	3 17	24 9	1 43	17 53	0 4	11 12	0 53	7 37	2 35	20 24	0 43	19 16	1 16	9 30	15 6	23 46	23 46	23 7		n.a.
F 21	23 28	21 19	3 44	19 39	3 25	23 57	1 43	18 6	0 5	11 11	0 53	7 36	2 35	20 24	0 43	19 17	1 16	9 30	15 6	23 46	23 46	23 7		n.a.
S 22	23 32	17 29	4 33	19 25	3 31	23 45	1 43	18 19	0 5	11 10	0 52	7 34	2 34	20 25	0 43	19 17	1 16	9 30	15 7	23 46	23 46	23 6		n.a.
S 23	23 36	12 43	5 5	19 14	3 35	23 33	1 42	18 31	0 6	11 10	0 52	7 33	2 34	20 25	0 43	19 18	1 16	9 30	15 7	23 46	23 46	23 5		n.a.
M24	23 39	7 24	5 17	19 6	3 36	23 20	1 42	18 44	0 7	11 9	0 52	7 32	2 34	20 26	0 43	19 18	1 16	9 30	15 8	23 46	23 46	23 4		n.a.
T 25	23 42	1 50	5 12	19 0	3 35	23 6	1 41	18 56	0 8	11 9	0 51	7 30	2 33	20 26	0 44	19 19	1 16	9 30	15 8	23 46	23 46	23 3		n.a.
W26	23 44	3n41	4 50	18 56	3 32	22 51	1 40	19 8	0 8	11 8	0 51	7 29	2 33	20 26	0 44	19 19	1 16	9 30	15 9	23 46	23 46	23 3		n.a.
T 27	23 46	8 56	4 13	18 56	3 28	22 36	1 40	19 20	0 9	11 8	0 51	7 27	2 33	20 27	0 44	19 20	1 16	9 30	15 9	23 46	23 46	23 2		n.a.
F 28	23 47	13 42	3 25	18 58	3 22	22 20	1 39	19 32	0 10	11 7	0 51	7 26	2 33	20 27	0 44	19 20	1 16	9 30	15 10	23 46	23 45	23 1		n.a.
S 29	23 48	17 49	2 27	19 2	3 15	22 3	1 38	19 44	0 11	11 7	0 50	7 24	2 32	20 28	0 44	19 20	1 16	9 30	15 10	23 46	23 45	23 0		n.a.
S 30	23 49	21 5	1 23	19 8	3 7	21 46	1 37	19 55	0 11	11 7	0 50	7 23	2 32	20 28	0 44	19 21	1 16	9 30	15 10	23 46	23 45	22 59		n.a.
M31	23s49	23n22	0s17	19s17	2n58	21s28	1s36	20s 6	0s12	11n 7	0s50	7s21	2s32	20n29	0n44	19s21	1n16	9n30	15n11	23n46	23n45	22n59		n.a.

Julian Day Number = 1364542.5, Delta T = 06h56m01s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°33'54, Lahiri = -17°26'54 Julian Calendar 1 Dec. 978 BCE == Greg. Calendar 22 Nov. 978 BCE

The year -977 astronomical counting style corresponds to year 978 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 977 BCE
geocentric

JANUARY 977 BCE (-976) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 1 40	1♉42'06	5♋22	9♐34	3♒44	28♏16	0°R40	17♓32	3°R 2	0♐37	11♎ 2	26°R21	26♊ 2	2♌ 3	n.a.	T 1
W 2	6 5 36	2°42'53	17°18	9°46	4°57	29° 1	0♉39	17°36	3♌ 0	0°39	11° 3	26♊21	25°58	2°10	n.a.	W 2
T 3	6 9 33	3°43'38	29°10	10° 5	6°11	29°47	0°39	17°39	2°58	0°41	11° 4	26°20	25°55	2°16	n.a.	T 3
F 4	6 13 29	4°44'22	10♌59	10°30	7°24	0♐32	0°39	17°43	2°56	0°43	11° 4	26°19	25°52	2°23	n.a.	F 4
S 5	6 17 26	5°45'04	22°49	11° 0	8°37	1°17	0°D39	17°47	2°54	0°45	11° 5	26°18	25°49	2°30	n.a.	S 5
S 6	6 21 23	6°45'45	4♍43	11°35	9°50	2° 3	0°39	17°51	2°52	0°47	11° 6	26°16	25°46	2°36	n.a.	S 6
M 7	6 25 19	7°46'24	16°44	12°14	11° 4	2°48	0°39	17°56	2°49	0°49	11° 6	26°15	25°42	2°43	n.a.	M 7
T 8	6 29 16	8°47'02	28°56	12°58	12°17	3°33	0°40	18° 0	2°47	0°50	11° 7	26°14	25°39	2°50	n.a.	T 8
W 9	6 33 12	9°47'39	11♎24	13°46	13°30	4°19	0°40	18° 4	2°45	0°52	11° 7	26°D14	25°36	2°56	n.a.	W 9
T 10	6 37 9	10°48'14	24°12	14°37	14°43	5° 4	0°41	18° 9	2°42	0°54	11° 8	26°14	25°33	3° 3	n.a.	T 10
F 11	6 41 5	11°48'48	7♏24	15°32	15°55	5°50	0°42	18°13	2°40	0°56	11° 8	26°15	25°30	3°10	n.a.	F 11
S 12	6 45 2	12°49'21	21° 2	16°29	17° 8	6°35	0°44	18°18	2°38	0°58	11° 9	26°16	25°27	3°16	n.a.	S 12
S 13	6 48 58	13°49'52	5♐ 7	17°29	18°21	7°21	0°45	18°22	2°35	1° 0	11° 9	26°18	25°23	3°23	n.a.	S 13
M14	6 52 55	14°50'21	19°38	18°32	19°34	8° 6	0°47	18°27	2°33	1° 1	11° 9	26°R18	25°20	3°30	n.a.	M14
T 15	6 56 52	15°50'49	4♑30	19°38	20°46	8°52	0°49	18°32	2°30	1° 3	11°10	26°18	25°17	3°36	n.a.	T 15
W16	7 0 48	16°51'15	19°37	20°45	21°59	9°37	0°51	18°37	2°28	1° 5	11°10	26°17	25°14	3°43	n.a.	W16
T 17	7 4 45	17°51'40	4♒49	21°55	23°11	10°23	0°53	18°42	2°25	1° 7	11°10	26°15	25°11	3°50	n.a.	T 17
F 18	7 8 41	18°52'02	19°57	23° 6	24°24	11° 9	0°56	18°47	2°23	1° 8	11°11	26°12	25° 8	3°56	n.a.	F 18
S 19	7 12 38	19°52'22	4♓51	24°19	25°36	11°54	0°59	18°52	2°20	1°10	11°11	26° 9	25° 4	4° 3	n.a.	S 19
S 20	7 16 34	20°52'40	19°23	25°34	26°48	12°40	1° 2	18°58	2°18	1°12	11°11	26° 6	25° 1	4°10	n.a.	S 20
M21	7 20 31	21°52'56	3♈31	26°51	28° 1	13°26	1° 5	19° 3	2°15	1°13	11°11	26° 4	24°58	4°16	n.a.	M21
T 22	7 24 27	22°53'10	17°12	28° 9	29°13	14°11	1° 8	19° 8	2°13	1°15	11°11	26°D 2	24°55	4°23	n.a.	T 22
W23	7 28 24	23°53'21	0♉28	29°29	0♓25	14°57	1°11	19°14	2°10	1°16	11°R11	26° 3	24°52	4°30	n.a.	W23
T 24	7 32 21	24°53'30	13°21	0♑50	1°36	15°43	1°15	19°20	2° 7	1°18	11°11	26° 4	24°48	4°37	n.a.	T 24
F 25	7 36 17	25°53'37	25°54	2°13	2°48	16°28	1°19	19°25	2° 5	1°19	11°11	26° 5	24°45	4°43	n.a.	F 25
S 26	7 40 14	26°53'42	8♊13	3°36	4° 0	17°14	1°23	19°31	2° 2	1°21	11°11	26° 7	24°42	4°50	n.a.	S 26
S 27	7 44 10	27°53'44	20°20	5° 2	5°12	18° 0	1°27	19°37	2° 0	1°22	11°11	26°R 8	24°39	4°57	n.a.	S 27
M28	7 48 7	28°53'45	2♋18	6°28	6°23	18°46	1°32	19°43	1°57	1°24	11°10	26° 8	24°36	5° 3	n.a.	M28
T 29	7 52 3	29°53'43	14°12	7°56	7°35	19°32	1°36	19°48	1°54	1°25	11°10	26° 6	24°33	5°10	n.a.	T 29
W30	7 56 0	0♒53'39	26° 2	9°25	8°46	20°17	1°41	19°54	1°52	1°27	11°10	26° 3	24°29	5°17	n.a.	W30
T 31	7 59 56	1♒53'33	7♌52	10♑55	9♓57	21♐ 3	1♉46	20♓ 0	1♌49	1♐28	11♎10	25♊58	24♊26	5♌23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23 s48	24n32	0n50	19 s27	2n49	21 s 9	1 s35	20 s18	0 s13	11n 7	0 s49	7 s19	2 s32	20n29	0n44	19 s22	1n16	9n30	15n11	23n46	23n45	22n58		n.a.	
W 2	23 47	24 33	1 54	19 38	2 39	20 50	1 34	20 28	0 14	11 7	0 49	7 18	2 31	20 30	0 44	19 22	1 16	9 30	15 12	23 46	23 45	22 57		n.a.	
T 3	23 45	23 27	2 52	19 51	2 29	20 31	1 32	20 39	0 14	11 7	0 49	7 16	2 31	20 31	0 44	19 22	1 16	9 30	15 12	23 46	23 45	22 56		n.a.	
F 4	23 44	21 19	3 43	20 5	2 19	20 10	1 31	20 50	0 15	11 7	0 49	7 14	2 31	20 31	0 44	19 23	1 16	9 31	15 13	23 46	23 45	22 55		n.a.	
S 5	23 41	18 17	4 25	20 19	2 8	19 50	1 30	21 0	0 16	11 7	0 48	7 12	2 31	20 32	0 44	19 23	1 16	9 31	15 13	23 46	23 45	22 54		n.a.	
S 6	23 38	14 29	4 55	20 35	1 58	19 28	1 28	21 10	0 17	11 8	0 48	7 10	2 30	20 32	0 44	19 24	1 16	9 31	15 14	23 45	23 45	22 53		n.a.	
M 7	23 35	10 6	5 12	20 51	1 47	19 6	1 26	21 20	0 17	11 8	0 48	7 8	2 30	20 33	0 44	19 24	1 16	9 31	15 14	23 45	23 44	22 52		n.a.	
T 8	23 31	5 15	5 16	21 7	1 36	18 44	1 25	21 29	0 18	11 8	0 48	7 6	2 30	20 33	0 44	19 24	1 16	9 31	15 15	23 45	23 44	22 52		n.a.	
W 9	23 27	0 6	5 6	21 24	1 26	18 21	1 23	21 39	0 19	11 9	0 47	7 5	2 30	20 34	0 44	19 25	1 16	9 32	15 15	23 45	23 44	22 51		n.a.	
T 10	23 22	5 s12	4 40	21 40	1 15	17 58	1 21	21 48	0 20	11 10	0 47	7 3	2 29	20 34	0 44	19 25	1 16	9 32	15 16	23 45	23 44	22 50		n.a.	
F 11	23 17	10 26	3 59	21 56	1 5	17 34	1 19	21 57	0 21	11 10	0 47	7 1	2 29	20 35	0 44	19 25	1 16	9 32	15 16	23 45	23 44	22 49		n.a.	
S 12	23 11	15 21	3 3	22 13	0 54	17 10	1 17	22 6	0 21	11 11	0 46	6 58	2 29	20 36	0 44	19 26	1 16	9 32	15 16	23 46	23 44	22 48		n.a.	
S 13	23 5	19 36	1 55	22 29	0 44	16 45	1 15	22 14	0 22	11 12	0 46	6 56	2 29	20 36	0 44	19 26	1 16	9 33	15 17	23 46	23 44	22 47		n.a.	
M14	22 58	22 47	0 37	22 44	0 34	16 20	1 13	22 23	0 23	11 13	0 46	6 54	2 28	20 37	0 44	19 27	1 16	9 33	15 17	23 46	23 44	22 46		n.a.	
T 15	22 51	24 29	0 s45	22 59	0 25	15 55	1 11	22 31	0 24	11 14	0 46	6 52	2 28	20 37	0 44	19 27	1 16	9 33	15 18	23 46	23 44	22 45		n.a.	
W16	22 44	24 25	2 5	23 14	0 15	15 29	1 9	22 39	0 25	11 15	0 45	6 50	2 28	20 38	0 44	19 27	1 16	9 34	15 18	23 46	23 43	22 44		n.a.	
T 17	22 36	22 32	3 17	23 28	0 6	15 2	1 6	22 46	0 25	11 16	0 45	6 48	2 28	20 38	0 44	19 28	1 16	9 34	15 19	23 45	23 43	22 43		n.a.	
F 18	22 28	19 4	4 14	23 41	0 s 3	14 36	1 4	22 54	0 26	11 17	0 45	6 45	2 28	20 39	0 44	19 28	1 16	9 34	15 19	23 45	23 43	22 42		n.a.	
S 19	22 19	14 25	4 53	23 53	0 12	14 9	1 1	23 1	0 27	11 18	0 45	6 43	2 27	20 40	0 44	19 28	1 16	9 35	15 20	23 45	23 43	22 41		n.a.	
S 20	22 10	9 2	5 12	24 5	0 20	13 41	0 59	23 8	0 28	11 19	0 44	6 41	2 27	20 40	0 44	19 29	1 16	9 35	15 20	23 45	23 43	22 40		n.a.	
M21	22 0	3 20	5 12	24 15	0 29	13 14	0 56	23 14	0 29	11 21	0 44	6 39	2 27	20 41	0 44	19 29	1 16	9 35	15 21	23 45	23 43	22 39		n.a.	
T 22	21 50	2n21	4 53	24 24	0 37	12 45	0 53	23 21	0 29	11 22	0 44	6 36	2 27	20 41	0 44	19 29	1 16	9 36	15 21	23 45	23 43	22 38		n.a.	
W23	21 40	7 46	4 20	24 33	0 44	12 17	0 51	23 27	0 30	11 23	0 44	6 34	2 26	20 42	0 44	19 29	1 16	9 36	15 22	23 45	23 43	22 37		n.a.	
T 24	21 29	12 42	3 34	24 40	0 52	11 49	0 48	23 33	0 31	11 25	0 43	6 31	2 26	20 43	0 44	19 30	1 16	9 37	15 22	23 45	23 42	22 36		n.a.	
F 25	21 18	16 58	2 38	24 46	0 59	11 20	0 45	23 38	0 32	11 27	0 43	6 29	2 26	20 43	0 44	19 30	1 16	9 37	15 23	23 45	23 42	22 35		n.a.	
S 26	21 6	20 26	1 37	24 51	1 5	10 50	0 42	23 44	0 33	11 28	0 43	6 27	2 26	20 44	0 44	19 30	1 16	9 38	15 23	23 45	23 42	22 34		n.a.	
S 27	20 54	22 55	0 32	24 55	1 12	10 21	0 39	23 49	0 33	11 30	0 42	6 24	2 26	20 45	0 44	19 31	1 16	9 38	15 23	23 45	23 42	22 33		n.a.	
M28	20 42	24 21	0n34	24 57	1 18	9 51	0 36	23 54	0 34	11 32	0 42	6 22	2 25	20 45	0 44	19 31	1 16	9 39	15 24	23 45	23 42	22 32		n.a.	
T 29	20 29	24 39	1 37	24 58	1 24	9 22	0 32	23 58	0 35	11 34	0 42	6 19	2 25	20 46	0 44	19 31	1 16	9 39	15 24	23 45	23 42	22 31		n.a.	
W30	20 16	23 49	2 36	24 58	1 29	8 52	0 29	24 3	0 36	11 35	0 42	6 16	2 25	20 46	0 44	19 31	1 16	9 40	15 25	23 45	23 42	22 30		n.a.	
T 31	20 s 3	21n56	3n28	24 s56	1 s35	8 s21	0 s26	24 s 7	0 s37	11n37	0 s41	6 s14	2 s25	20n47	0n44	19 s32	1n16	9n40	15n25	23n45	23n42	22n29		n.a.	

Julian Day Number = 1364573.5, Delta T = 06h55m59s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°33'50, Lahiri = -17°26'50 Julian Calendar 1 Jan. 977 BCE == Greg. Calendar 23 Dec. 978 BCE

The year -976 astronomical counting style corresponds to year 977 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 977 BCE
geocentric

FEBRUARY 977 BCE (-976) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 3 53	2♒53'24	19♌43	12♉26	11♓ 8	21♐49	1♉51	20♓ 7	1°R46	1♐29	11°R10	25°R52	24♊23	5♌30	n.a.	F 1
S 2	8 7 50	3°53'14	1♍36	13°59	12°19	22°35	1°56	20°13	1♌44	1°31	11♎ 9	25♊44	24°20	5°37	n.a.	S 2
S 3	8 11 46	4°53'02	13°35	15°33	13°30	23°21	2° 1	20°19	1°41	1°32	11° 9	25°37	24°17	5°43	n.a.	S 3
M 4	8 15 43	5°52'48	25°40	17° 8	14°41	24° 7	2° 7	20°25	1°39	1°33	11° 8	25°30	24°14	5°50	n.a.	M 4
T 5	8 19 39	6°52'32	7♎55	18°44	15°51	24°53	2°13	20°32	1°36	1°34	11° 8	25°25	24°10	5°57	n.a.	T 5
W 6	8 23 36	7°52'14	20°23	20°21	17° 2	25°39	2°19	20°38	1°33	1°36	11° 7	25°21	24° 7	6° 3	n.a.	W 6
T 7	8 27 32	8°51'54	3♏ 7	22° 0	18°12	26°25	2°25	20°45	1°31	1°37	11° 7	25°20	24° 4	6°10	n.a.	T 7
F 8	8 31 29	9°51'32	16°12	23°40	19°23	27°11	2°31	20°51	1°28	1°38	11° 6	25°D20	24° 1	6°17	n.a.	F 8
S 9	8 35 25	10°51'08	29°39	25°21	20°33	27°57	2°37	20°58	1°26	1°39	11° 6	25°21	23°58	6°23	n.a.	S 9
S 10	8 39 22	11°50'43	13♐32	27° 3	21°43	28°43	2°44	21° 4	1°23	1°40	11° 5	25°22	23°54	6°30	n.a.	S 10
M11	8 43 18	12°50'16	27°52	28°46	22°53	29°28	2°50	21°11	1°20	1°41	11° 5	25°R22	23°51	6°37	n.a.	M11
T 12	8 47 15	13°49'47	12♑36	0♒31	24° 3	0♑14	2°57	21°18	1°18	1°42	11° 4	25°21	23°48	6°43	n.a.	T 12
W13	8 51 12	14°49'16	27°39	2°17	25°12	1° 1	3° 4	21°24	1°15	1°43	11° 3	25°18	23°45	6°50	n.a.	W13
T 14	8 55 8	15°48'42	12♒54	4° 4	26°22	1°47	3°11	21°31	1°13	1°44	11° 3	25°12	23°42	6°57	n.a.	T 14
F 15	8 59 5	16°48'07	28°11	5°53	27°31	2°33	3°19	21°38	1°10	1°45	11° 2	25° 5	23°39	7° 3	n.a.	F 15
S 16	9 3 1	17°47'29	13♓17	7°43	28°41	3°19	3°26	21°45	1° 8	1°46	11° 1	24°57	23°35	7°10	n.a.	S 16
S 17	9 6 58	18°46'49	28° 4	9°34	29°50	4° 5	3°34	21°52	1° 5	1°47	11° 0	24°49	23°32	7°17	n.a.	S 17
M18	9 10 54	19°46'06	12♈24	11°26	0♈59	4°51	3°41	21°59	1° 3	1°47	10°59	24°42	23°29	7°24	n.a.	M18
T 19	9 14 51	20°45'21	26°16	13°20	2° 8	5°37	3°49	22° 6	1° 1	1°48	10°58	24°37	23°26	7°30	n.a.	T 19
W20	9 18 47	21°44'34	9♉37	15°15	3°16	6°23	3°57	22°13	0°58	1°49	10°58	24°34	23°23	7°37	n.a.	W20
T 21	9 22 44	22°43'44	22°32	17°11	4°25	7° 9	4° 5	22°20	0°56	1°50	10°57	24°D34	23°20	7°44	n.a.	T 21
F 22	9 26 41	23°42'52	5♊ 5	19° 9	5°33	7°55	4°13	22°28	0°53	1°50	10°56	24°34	23°16	7°50	n.a.	F 22
S 23	9 30 37	24°41'57	17°19	21° 7	6°41	8°41	4°22	22°35	0°51	1°51	10°55	24°35	23°13	7°57	n.a.	S 23
S 24	9 34 34	25°41'00	29°20	23° 7	7°49	9°27	4°30	22°42	0°49	1°52	10°54	24°R35	23°10	8° 4	n.a.	S 24
M25	9 38 30	26°40'01	11♋13	25° 8	8°57	10°13	4°39	22°49	0°46	1°52	10°53	24°33	23° 7	8°10	n.a.	M25
T 26	9 42 27	27°38'59	23° 2	27°10	10° 5	10°59	4°48	22°57	0°44	1°53	10°52	24°29	23° 4	8°17	n.a.	T 26
W27	9 46 23	28°37'55	4♌50	29°13	11°12	11°45	4°56	23° 4	0°42	1°53	10°50	24°23	23° 0	8°24	n.a.	W27
T 28	9 50 20	29°36'48	16°41	1♓17	12°20	12°31	5° 5	23°11	0°40	1°54	10°49	24°14	22°57	8°30	n.a.	T 28
F 29	9 54 16	0♓35'40	28♌36	3♓21	13♈27	13♉17	5♉14	23♓19	0♌38	1♐54	10♎48	24♊ 3	22♊54	8♌37	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	19s49	19n 5	4n11	24s52	1s39	7s51	0s23	24s11	0s37	11n39	0s41	6s11	2s25	20n48	0n44	19s32	1n17	9n41	15n26	23n45	23n41	22n28		n.a.	F 1
S 2	19 35	15 28	4 43	24 47	1 44	7 20	0 19	24 14	0 38	11 41	0 41	6 9	2 25	20 48	0 44	19 32	1 17	9 41	15 26	23 45	23 41	22 27		n.a.	S 2
S 3	19 20	11 12	5 3	24 41	1 48	6 49	0 16	24 17	0 39	11 44	0 41	6 6	2 24	20 49	0 44	19 32	1 17	9 42	15 27	23 44	23 41	22 26		n.a.	S 3
M 4	19 6	6 28	5 10	24 32	1 52	6 19	0 12	24 20	0 40	11 46	0 40	6 3	2 24	20 49	0 44	19 33	1 17	9 42	15 27	23 44	23 41	22 25		n.a.	M 4
T 5	18 51	1 26	5 2	24 23	1 55	5 48	0 9	24 23	0 41	11 48	0 40	6 1	2 24	20 50	0 44	19 33	1 17	9 43	15 27	23 44	23 41	22 24		n.a.	T 5
W 6	18 35	3s45	4 41	24 11	1 58	5 16	0 5	24 26	0 41	11 50	0 40	5 58	2 24	20 51	0 44	19 33	1 17	9 43	15 28	23 44	23 41	22 23		n.a.	W 6
T 7	18 19	8 55	4 5	23 58	2 1	4 45	0 1	24 28	0 42	11 53	0 40	5 55	2 24	20 51	0 44	19 33	1 17	9 44	15 28	23 44	23 41	22 22		n.a.	T 7
F 8	18 3	13 49	3 16	23 43	2 3	4 14	0n 2	24 30	0 43	11 55	0 40	5 52	2 24	20 52	0 44	19 33	1 17	9 45	15 29	23 44	23 40	22 21		n.a.	F 8
S 9	17 47	18 12	2 15	23 26	2 4	3 42	0 6	24 32	0 44	11 57	0 39	5 50	2 23	20 52	0 44	19 34	1 17	9 45	15 29	23 44	23 40	22 20		n.a.	S 9
S 10	17 30	21 44	1 4	23 8	2 6	3 11	0 10	24 33	0 45	12 0	0 39	5 47	2 23	20 53	0 44	19 34	1 17	9 46	15 30	23 44	23 40	22 19		n.a.	S 10
M11	17 13	24 1	0s13	22 47	2 6	2 40	0 14	24 34	0 45	12 2	0 39	5 44	2 23	20 53	0 44	19 34	1 17	9 46	15 30	23 44	23 40	22 17		n.a.	M11
T 12	16 56	24 43	1 32	22 25	2 7	2 8	0 18	24 35	0 46	12 5	0 39	5 41	2 23	20 54	0 44	19 34	1 17	9 47	15 30	23 44	23 40	22 16		n.a.	T 12
W13	16 38	23 39	2 45	22 1	2 7	1 36	0 21	24 36	0 47	12 8	0 38	5 38	2 23	20 55	0 44	19 34	1 17	9 48	15 31	23 44	23 40	22 15		n.a.	W13
T 14	16 21	20 50	3 47	21 35	2 6	1 5	0 25	24 36	0 48	12 10	0 38	5 35	2 23	20 55	0 44	19 34	1 17	9 48	15 31	23 43	23 40	22 14		n.a.	T 14
F 15	16 3	16 33	4 34	21 7	2 5	0 33	0 29	24 36	0 49	12 13	0 38	5 33	2 22	20 56	0 44	19 35	1 17	9 49	15 32	23 43	23 39	22 13		n.a.	F 15
S 16	15 44	11 16	5 0	20 37	2 4	0 1	0 33	24 36	0 49	12 16	0 38	5 30	2 22	20 56	0 44	19 35	1 17	9 50	15 32	23 43	23 39	22 12		n.a.	S 16
S 17	15 26	5 27	5 6	20 5	2 1	0n30	0 37	24 35	0 50	12 19	0 37	5 27	2 22	20 57	0 44	19 35	1 17	9 50	15 32	23 43	23 39	22 11		n.a.	S 17
M18	15 7	0n30	4 52	19 31	1 59	1 2	0 41	24 34	0 51	12 21	0 37	5 24	2 22	20 57	0 44	19 35	1 17	9 51	15 33	23 42	23 39	22 9		n.a.	M18
T 19	14 48	6 14	4 21	18 55	1 56	1 33	0 46	24 33	0 52	12 24	0 37	5 21	2 22	20 58	0 44	19 35	1 17	9 52	15 33	23 42	23 39	22 8		n.a.	T 19
W20	14 29	11 30	3 37	18 18	1 52	2 5	0 50	24 32	0 53	12 27	0 37	5 18	2 22	20 58	0 44	19 35	1 17	9 52	15 33	23 42	23 39	22 7		n.a.	W20
T 21	14 9	16 4	2 43	17 38	1 48	2 36	0 54	24 30	0 53	12 30	0 37	5 15	2 22	20 59	0 44	19 35	1 17	9 53	15 34	23 42	23 38	22 6		n.a.	T 21
F 22	13 49	19 48	1 43	16 56	1 43	3 7	0 58	24 28	0 54	12 33	0 36	5 12	2 22	20 59	0 44	19 36	1 17	9 54	15 34	23 42	23 38	22 5		n.a.	F 22
S 23	13 30	22 33	0 39	16 13	1 38	3 39	1 2	24 26	0 55	12 36	0 36	5 9	2 21	21 0	0 44	19 36	1 17	9 54	15 34	23 42	23 38	22 4		n.a.	S 23
S 24	13 9	24 14	0n25	15 28	1 32	4 10	1 6	24 24	0 56	12 39	0 36	5 6	2 21	21 0	0 44	19 36	1 17	9 55	15 35	23 42	23 38	22 2		n.a.	S 24
M25	12 49	24 47	1 28	14 41	1 25	4 41	1 10	24 21	0 57	12 43	0 36	5 3	2 21	21 1	0 44	19 36	1 17	9 56	15 35	23 42	23 38	22 1		n.a.	M25
T 26	12 29	24 12	2 26	13 52	1 18	5 12	1 15	24 18	0 57	12 46	0 36	5 0	2 21	21 1	0 44	19 36	1 17	9 56	15 35	23 42	23 38	22 0		n.a.	T 26
W27	12 8	22 32	3 17	13 1	1 10	5 42	1 19	24 15	0 58	12 49	0 35	4 57	2 21	21 2	0 44	19 36	1 17	9 57	15 36	23 41	23 37	21 59		n.a.	W27
T 28	11 47	19 53	4 0	12 9	1 2	6 13	1 23	24 11	0 59	12 52	0 35	4 54	2 21	21 2	0 44	19 36	1 17	9 58	15 36	23 41	23 37	21 58		n.a.	T 28
F 29	11s26	16n24	4n33	11s16	0s54	6n43	1n27	24s 8	1s 0	12n55	0s35	4s51	2s21	21n 3	0n44	19s36	1n17	9n59	15n36	23n41	23n37	21n56		n.a.	F 29

Julian Day Number = 1364604.5, Delta T = 06h55m58s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°33'46, Lahiri = -17°26'45 Julian Calendar 1 Feb. 977 BCE == Greg. Calendar 23 Jan. 977 BCE

The year -976 astronomical counting style corresponds to year 977 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 977 BCE
geocentric

MARCH 977 BCE (-976) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 58 13	1♓34'29	10♍36	5♓26	14♈33	14♑ 3	5♉24	23♓26	0°R35	1♐55	10°R47	23°R50	22♊51	8♌44	n.a.	S 1
S 2	10 2 9	2°33'16	22°44	7°31	15°40	14°49	5°33	23°34	0♌33	1°55	10♎46	23♊38	22°48	8°50	n.a.	S 2
M 3	10 6 6	3°32'01	4♎59	9°36	16°47	15°35	5°42	23°41	0°31	1°55	10°45	23°26	22°45	8°57	n.a.	M 3
T 4	10 10 3	4°30'44	17°24	11°40	17°53	16°21	5°52	23°49	0°29	1°56	10°43	23°16	22°41	9° 4	n.a.	T 4
W 5	10 13 59	5°29'25	29°59	13°44	18°59	17° 6	6° 2	23°56	0°27	1°56	10°42	23° 9	22°38	9°11	n.a.	W 5
T 6	10 17 56	6°28'04	12♏48	15°47	20° 5	17°52	6°11	24° 4	0°25	1°56	10°41	23° 4	22°35	9°17	n.a.	T 6
F 7	10 21 52	7°26'41	25°53	17°49	21°10	18°38	6°21	24°11	0°23	1°56	10°40	23° 2	22°32	9°24	n.a.	F 7
S 8	10 25 49	8°25'17	9♐16	19°50	22°16	19°24	6°31	24°19	0°21	1°57	10°38	23°D 1	22°29	9°31	n.a.	S 8
S 9	10 29 45	9°23'51	22°59	21°48	23°21	20°10	6°41	24°27	0°20	1°57	10°37	23°R 1	22°26	9°37	n.a.	S 9
M10	10 33 42	10°22'24	7♑ 5	23°44	24°26	20°56	6°52	24°34	0°18	1°57	10°35	23° 1	22°22	9°44	n.a.	M10
T 11	10 37 38	11°20'54	21°33	25°38	25°30	21°42	7° 2	24°42	0°16	1°57	10°34	22°58	22°19	9°51	n.a.	T 11
W12	10 41 35	12°19'23	6♒20	27°28	26°35	22°28	7°12	24°50	0°14	1°57	10°33	22°54	22°16	9°57	n.a.	W12
T 13	10 45 32	13°17'50	21°21	29°16	27°39	23°14	7°23	24°57	0°13	1°R57	10°31	22°46	22°13	10° 4	n.a.	T 13
F 14	10 49 28	14°16'15	6♓27	1♈ 0	28°43	24° 0	7°33	25° 5	0°11	1°57	10°30	22°36	22°10	10°11	n.a.	F 14
S 15	10 53 25	15°14'38	21°28	2°40	29°46	24°46	7°44	25°13	0° 9	1°57	10°28	22°25	22° 6	10°17	n.a.	S 15
S 16	10 57 21	16°12'59	6♈15	4°16	0♉50	25°31	7°55	25°21	0° 8	1°57	10°27	22°14	22° 3	10°24	n.a.	S 16
M17	11 1 18	17°11'18	20°39	5°49	1°53	26°17	8° 5	25°28	0° 6	1°57	10°25	22° 4	22° 0	10°31	n.a.	M17
T 18	11 5 14	18° 9'35	4♉35	7°17	2°56	27° 3	8°16	25°36	0° 5	1°57	10°24	21°56	21°57	10°37	n.a.	T 18
W19	11 9 11	19° 7'49	18° 2	8°40	3°58	27°49	8°27	25°44	0° 3	1°57	10°22	21°51	21°54	10°44	n.a.	W19
T 20	11 13 7	20° 6'02	1♊ 2	9°59	5° 0	28°34	8°39	25°52	0° 2	1°56	10°21	21°49	21°51	10°51	n.a.	T 20
F 21	11 17 4	21° 4'13	13°37	11°14	6° 2	29°20	8°50	25°59	0° 0	1°56	10°19	21°48	21°47	10°58	n.a.	F 21
S 22	11 21 0	22° 2'21	25°53	12°23	7° 3	0♒ 6	9° 1	26° 7	29♋59	1°56	10°18	21°48	21°44	11° 4	n.a.	S 22
S 23	11 24 57	23° 0'27	7♋55	13°28	8° 5	0°51	9°12	26°15	29°58	1°56	10°16	21°47	21°41	11°11	n.a.	S 23
M24	11 28 54	23°58'32	19°47	14°28	9° 5	1°37	9°24	26°23	29°57	1°55	10°15	21°45	21°38	11°18	n.a.	M24
T 25	11 32 50	24°56'34	1♌36	15°23	10° 6	2°23	9°35	26°31	29°55	1°55	10°13	21°41	21°35	11°24	n.a.	T 25
W26	11 36 47	25°54'34	13°26	16°13	11° 6	3° 8	9°47	26°39	29°54	1°55	10°11	21°34	21°31	11°31	n.a.	W26
T 27	11 40 43	26°52'32	25°20	16°57	12° 5	3°54	9°58	26°46	29°53	1°54	10°10	21°25	21°28	11°38	n.a.	T 27
F 28	11 44 40	27°50'28	7♍20	17°37	13° 5	4°39	10°10	26°54	29°52	1°54	10° 8	21°13	21°25	11°44	n.a.	F 28
S 29	11 48 36	28°48'23	19°29	18°11	14° 3	5°25	10°22	27° 2	29°51	1°53	10° 7	21° 0	21°22	11°51	n.a.	S 29
S 30	11 52 33	29°46'15	1♎49	18°40	15° 2	6°10	10°34	27°10	29°50	1°53	10° 5	20°46	21°19	11°58	n.a.	S 30
M31	11 56 29	0♈44'06	14♎19	19♈ 4	16♉ 0	6♒56	10♉46	27♓18	29♋49	1♐52	10♎ 3	20♊34	21♊16	12♌ 4	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 5	12n13	4n54	10s21	0s44	7n13	1n31	24s 4	1s 0	12n59	0s35	4s48	2s21	21n 3	0n44	19s36	1n17	9n59	15n37	23n40	23n37	21n55		n.a.
S 2	10 43	7 32	5 2	9 25	0 35	7 43	1 36	23 59	1 1	13 2	0 35	4 45	2 21	21 4	0 44	19 36	1 17	10 0	15 37	23 39	23 37	21 54		n.a.
M 3	10 22	2 30	4 56	8 28	0 25	8 13	1 40	23 55	1 2	13 5	0 34	4 41	2 21	21 4	0 44	19 36	1 17	10 1	15 37	23 39	23 37	21 53		n.a.
T 4	10 0	2s42	4 36	7 31	0 14	8 43	1 44	23 50	1 3	13 9	0 34	4 38	2 21	21 5	0 44	19 36	1 18	10 1	15 38	23 38	23 36	21 52		n.a.
W 5	9 39	7 52	4 2	6 33	0 3	9 12	1 48	23 45	1 4	13 12	0 34	4 35	2 20	21 5	0 44	19 36	1 18	10 2	15 38	23 38	23 36	21 50		n.a.
T 6	9 17	12 49	3 16	5 34	0n 8	9 42	1 52	23 40	1 4	13 16	0 34	4 32	2 20	21 5	0 44	19 36	1 18	10 3	15 38	23 38	23 36	21 49		n.a.
F 7	8 55	17 17	2 19	4 36	0 19	10 11	1 56	23 34	1 5	13 19	0 34	4 29	2 20	21 6	0 44	19 36	1 18	10 4	15 38	23 38	23 36	21 48		n.a.
S 8	8 32	21 0	1 12	3 37	0 31	10 39	2 0	23 28	1 6	13 23	0 33	4 26	2 20	21 6	0 44	19 36	1 18	10 4	15 39	23 38	23 36	21 47		n.a.
S 9	8 10	23 37	0 0	2 39	0 42	11 8	2 4	23 22	1 7	13 26	0 33	4 23	2 20	21 7	0 44	19 36	1 18	10 5	15 39	23 38	23 36	21 45		n.a.
M10	7 48	24 51	1s14	1 42	0 54	11 36	2 9	23 16	1 7	13 30	0 33	4 20	2 20	21 7	0 44	19 36	1 18	10 6	15 39	23 37	23 35	21 44		n.a.
T 11	7 25	24 26	2 25	0 46	1 5	12 4	2 13	23 9	1 8	13 33	0 33	4 16	2 20	21 7	0 44	19 36	1 18	10 7	15 39	23 37	23 35	21 43		n.a.
W12	7 3	22 20	3 28	0n 9	1 16	12 31	2 17	23 2	1 9	13 37	0 33	4 13	2 20	21 8	0 44	19 36	1 18	10 7	15 39	23 37	23 35	21 41		n.a.
T 13	6 40	18 39	4 17	1 2	1 27	12 59	2 20	22 55	1 10	13 41	0 32	4 10	2 20	21 8	0 44	19 36	1 18	10 8	15 40	23 37	23 35	21 40		n.a.
F 14	6 17	13 44	4 49	1 54	1 38	13 26	2 24	22 48	1 10	13 44	0 32	4 7	2 20	21 8	0 44	19 36	1 18	10 9	15 40	23 36	23 35	21 39		n.a.
S 15	5 54	8 1	5 1	2 44	1 48	13 52	2 28	22 40	1 11	13 48	0 32	4 4	2 20	21 9	0 44	19 36	1 18	10 10	15 40	23 35	23 34	21 38		n.a.
S 16	5 31	1 56	4 52	3 32	1 58	14 19	2 32	22 32	1 12	13 52	0 32	4 1	2 20	21 9	0 44	19 36	1 18	10 10	15 40	23 35	23 34	21 36		n.a.
M17	5 8	4n 6	4 24	4 17	2 7	14 45	2 36	22 24	1 12	13 55	0 32	3 58	2 20	21 9	0 44	19 36	1 18	10 11	15 40	23 34	23 34	21 35		n.a.
T 18	4 45	9 46	3 42	5 0	2 16	15 10	2 40	22 16	1 13	13 59	0 32	3 54	2 20	21 10	0 44	19 36	1 18	10 12	15 41	23 34	23 34	21 34		n.a.
W19	4 22	14 47	2 48	5 41	2 24	15 36	2 43	22 8	1 14	14 3	0 31	3 51	2 20	21 10	0 44	19 36	1 18	10 13	15 41	23 33	23 34	21 32		n.a.
T 20	3 59	18 56	1 48	6 20	2 31	16 0	2 47	21 59	1 15	14 7	0 31	3 48	2 20	21 10	0 44	19 36	1 18	10 13	15 41	23 33	23 33	21 31		n.a.
F 21	3 36	22 5	0 43	6 55	2 38	16 25	2 51	21 50	1 15	14 10	0 31	3 45	2 20	21 10	0 44	19 36	1 18	10 14	15 41	23 33	23 33	21 30		n.a.
S 22	3 12	24 6	0n22	7 28	2 43	16 49	2 54	21 41	1 16	14 14	0 31	3 42	2 20	21 11	0 44	19 36	1 18	10 15	15 41	23 33	23 33	21 28		n.a.
S 23	2 49	24 58	1 24	7 58	2 48	17 13	2 58	21 31	1 17	14 18	0 31	3 39	2 20	21 11	0 44	19 36	1 18	10 15	15 41	23 33	23 33	21 27		n.a.
M24	2 26	24 40	2 22	8 26	2 52	17 36	3 1	21 22	1 17	14 22	0 31	3 35	2 20	21 11	0 44	19 36	1 18	10 16	15 41	23 33	23 33	21 26		n.a.
T 25	2 2	23 15	3 14	8 50	2 55	17 59	3 4	21 12	1 18	14 26	0 30	3 32	2 20	21 11	0 44	19 35	1 18	10 17	15 41	23 33	23 32	21 24		n.a.
W26	1 39	20 49	3 57	9 11	2 57	18 21	3 8	21 2	1 19	14 30	0 30	3 29	2 20	21 12	0 44	19 35	1 18	10 18	15 42	23 32	23 32	21 23		n.a.
T 27	1 16	17 30	4 30	9 30	2 58	18 43	3 11	20 52	1 19	14 34	0 30	3 26	2 20	21 12	0 43	19 35	1 18	10 18	15 42	23 32	23 32	21 21		n.a.
F 28	0 52	13 27	4 51	9 45	2 58	19 5	3 14	20 41	1 20	14 37	0 30	3 23	2 20	21 12	0 43	19 35	1 18	10 19	15 42	23 31	23 32	21 20		n.a.
S 29	0 29	8 48	5 0	9 58	2 57	19 26	3 17	20 31	1 21	14 41	0 30	3 20	2 20	21 12	0 43	19 35	1 18	10 20	15 42	23 30	23 32	21 19		n.a.
S 30	0 6	3 46	4 55	10 7	2 55	19 46	3 20	20 20	1 21	14 45	0 30	3 16	2 20	21 12	0 43	19 35	1 18	10 20	15 42	23 29	23 31	21 17		n.a.
M31	0n18	1s31	4n35	10n13	2n51	20n 6	3n22	20s 9	1s22	14n49	0s29	3s13	2s20	21n13	0n43	19s35	1n18	10n21	15n42	23n28	23n31	21n16		n.a.

Julian Day Number = 1364633.5, Delta T = 06h55m56s
Ecliptic obliquity = 23°48'44, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°33'42, Lahiri = -17°26'41 Julian Calendar 1 March 977 BCE == Greg. Calendar 21 Feb. 977 BCE

The year -976 astronomical counting style corresponds to year 977 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 977 BCE
geocentric

APRIL 977 BCE (-976) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 0 26	1♈41'56	26♎59	19♈23	16♉57	7♒41	10♉58	27♓25	29°R49	1°R52	10°R 2	20°R23	21♊12	12♌11	n.a.	T 1
W 2	12 4 22	2°39'44	9♏50	19°36	17°54	8°26	11°10	27°33	29♋48	1♐51	10♎ 0	20♊15	21° 9	12°18	n.a.	W 2
T 3	12 8 19	3°37'30	22°53	19°44	18°51	9°12	11°22	27°41	29°47	1°50	9°58	20°10	21° 6	12°25	n.a.	T 3
F 4	12 12 16	4°35'16	6♐ 8	19°R47	19°47	9°57	11°34	27°49	29°46	1°50	9°57	20° 8	21° 3	12°31	n.a.	F 4
S 5	12 16 12	5°33'00	19°37	19°45	20°42	10°42	11°46	27°57	29°46	1°49	9°55	20°D 7	21° 0	12°38	n.a.	S 5
S 6	12 20 9	6°30'42	3♑20	19°39	21°37	11°28	11°58	28° 4	29°45	1°48	9°53	20°R 7	20°57	12°45	n.a.	S 6
M 7	12 24 5	7°28'24	17°19	19°27	22°31	12°13	12°11	28°12	29°45	1°47	9°52	20° 7	20°53	12°51	n.a.	M 7
T 8	12 28 2	8°26'05	1♒34	19°12	23°25	12°58	12°23	28°20	29°44	1°47	9°50	20° 5	20°50	12°58	n.a.	T 8
W 9	12 31 58	9°23'44	16° 2	18°52	24°19	13°43	12°36	28°28	29°44	1°46	9°48	20° 1	20°47	13° 5	n.a.	W 9
T 10	12 35 55	10°21'22	0♓41	18°29	25°11	14°28	12°48	28°35	29°44	1°45	9°47	19°54	20°44	13°11	n.a.	T 10
F 11	12 39 52	11°18'59	15°25	18° 3	26° 3	15°13	13° 1	28°43	29°43	1°44	9°45	19°46	20°41	13°18	n.a.	F 11
S 12	12 43 48	12°16'34	0♈ 6	17°34	26°55	15°58	13°13	28°51	29°43	1°43	9°43	19°36	20°37	13°25	n.a.	S 12
S 13	12 47 45	13°14'08	14°36	17° 2	27°46	16°43	13°26	28°58	29°43	1°42	9°41	19°26	20°34	13°31	n.a.	S 13
M14	12 51 41	14°11'41	28°49	16°29	28°36	17°28	13°39	29° 6	29°43	1°41	9°40	19°17	20°31	13°38	n.a.	M14
T 15	12 55 38	15° 9'13	12♉39	15°55	29°25	18°13	13°51	29°14	29°43	1°40	9°38	19°10	20°28	13°45	n.a.	T 15
W16	12 59 34	16° 6'43	26° 4	15°21	0♊13	18°58	14° 4	29°21	29°D43	1°39	9°36	19° 5	20°25	13°52	n.a.	W16
T 17	13 3 31	17° 4'12	9♊ 4	14°47	1° 1	19°42	14°17	29°29	29°43	1°38	9°35	19° 3	20°22	13°58	n.a.	T 17
F 18	13 7 27	18° 1'40	21°41	14°13	1°48	20°27	14°30	29°37	29°43	1°37	9°33	19°D 2	20°18	14° 5	n.a.	F 18
S 19	13 11 24	18°59'06	3♋59	13°41	2°34	21°12	14°43	29°44	29°43	1°36	9°32	19° 3	20°15	14°12	n.a.	S 19
S 20	13 15 20	19°56'30	16° 3	13°10	3°20	21°56	14°56	29°52	29°43	1°35	9°30	19°R 3	20°12	14°18	n.a.	S 20
M21	13 19 17	20°53'54	27°58	12°42	4° 4	22°41	15° 9	29°59	29°43	1°34	9°28	19° 3	20° 9	14°25	n.a.	M21
T 22	13 23 14	21°51'16	9♌49	12°16	4°47	23°25	15°22	0♈ 7	29°43	1°33	9°27	19° 1	20° 6	14°32	n.a.	T 22
W23	13 27 10	22°48'36	21°40	11°54	5°30	24°10	15°35	0°14	29°44	1°32	9°25	18°57	20° 2	14°38	n.a.	W23
T 24	13 31 7	23°45'56	3♍38	11°35	6°11	24°54	15°48	0°21	29°44	1°31	9°23	18°51	19°59	14°45	n.a.	T 24
F 25	13 35 3	24°43'14	15°44	11°20	6°52	25°39	16° 1	0°29	29°45	1°30	9°22	18°44	19°56	14°52	n.a.	F 25
S 26	13 39 0	25°40'31	28° 2	11° 9	7°31	26°23	16°14	0°36	29°45	1°28	9°20	18°35	19°53	14°59	n.a.	S 26
S 27	13 42 56	26°37'46	10♎33	11° 3	8° 9	27° 7	16°27	0°44	29°46	1°27	9°19	18°25	19°50	15° 5	n.a.	S 27
M28	13 46 53	27°35'01	23°18	11°D 0	8°46	27°51	16°41	0°51	29°46	1°26	9°17	18°16	19°47	15°12	n.a.	M28
T 29	13 50 49	28°32'15	6♏17	11° 2	9°22	28°35	16°54	0°58	29°47	1°25	9°15	18° 9	19°43	15°19	n.a.	T 29
W30	13 54 46	29♈29'29	19♏29	11♈ 9	9♊56	29♒19	17♉ 7	1♈ 5	29♋48	1♐23	9♎14	18♊ 4	19♊40	15♌25	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n41	6s48	4n 2	10n16	2n47	20n26	3n25	19s58	1s23	14n53	0s29	3s10	2s20	21n13	0n43	19s35	1n18	10n22	15n42	23n27	23n31	21n14		n.a.
W 2	1 4	11 54	3 16	10 16	2 41	20 45	3 28	19 46	1 23	14 57	0 29	3 7	2 20	21 13	0 43	19 34	1 18	10 22	15 42	23 27	23 31	21 13		n.a.
T 3	1 28	16 33	2 19	10 13	2 34	21 4	3 30	19 35	1 24	15 1	0 29	3 4	2 20	21 13	0 43	19 34	1 18	10 23	15 42	23 26	23 31	21 12		n.a.
F 4	1 51	20 28	1 13	10 6	2 26	21 22	3 33	19 23	1 25	15 5	0 29	3 1	2 20	21 13	0 43	19 34	1 19	10 24	15 42	23 26	23 30	21 10		n.a.
S 5	2 14	23 21	0 3	9 57	2 17	21 39	3 35	19 11	1 25	15 9	0 29	2 58	2 20	21 13	0 43	19 34	1 19	10 24	15 42	23 26	23 30	21 9		n.a.
S 6	2 37	24 56	1s10	9 45	2 7	21 56	3 37	18 59	1 26	15 13	0 29	2 55	2 20	21 13	0 43	19 34	1 19	10 25	15 42	23 26	23 30	21 7		n.a.
M 7	3 1	24 58	2 19	9 30	1 55	22 13	3 39	18 47	1 26	15 17	0 28	2 51	2 20	21 13	0 43	19 34	1 19	10 26	15 42	23 26	23 30	21 6		n.a.
T 8	3 24	23 23	3 21	9 12	1 43	22 29	3 41	18 34	1 27	15 21	0 28	2 48	2 20	21 13	0 43	19 33	1 19	10 26	15 42	23 26	23 29	21 4		n.a.
W 9	3 47	20 16	4 11	8 52	1 29	22 44	3 43	18 22	1 28	15 25	0 28	2 45	2 20	21 13	0 43	19 33	1 19	10 27	15 42	23 26	23 29	21 3		n.a.
T 10	4 10	15 50	4 46	8 30	1 15	22 59	3 45	18 9	1 28	15 29	0 28	2 42	2 20	21 14	0 43	19 33	1 19	10 27	15 42	23 25	23 29	21 1		n.a.
F 11	4 33	10 27	5 1	8 6	1 0	23 13	3 46	17 56	1 29	15 33	0 28	2 39	2 20	21 14	0 43	19 33	1 19	10 28	15 42	23 25	23 29	21 0		n.a.
S 12	4 55	4 30	4 57	7 40	0 44	23 27	3 47	17 43	1 29	15 37	0 28	2 36	2 20	21 14	0 43	19 33	1 19	10 29	15 42	23 24	23 29	20 59		n.a.
S 13	5 18	1n38	4 34	7 13	0 27	23 40	3 49	17 30	1 30	15 41	0 28	2 33	2 20	21 14	0 43	19 32	1 19	10 29	15 41	23 23	23 28	20 57		n.a.
M14	5 41	7 35	3 54	6 45	0 11	23 53	3 50	17 16	1 30	15 45	0 27	2 30	2 20	21 14	0 43	19 32	1 19	10 30	15 41	23 22	23 28	20 56		n.a.
T 15	6 3	13 0	3 1	6 16	0s 6	24 5	3 51	17 3	1 31	15 49	0 27	2 27	2 20	21 14	0 43	19 32	1 19	10 30	15 41	23 22	23 28	20 54		n.a.
W16	6 26	17 38	1 59	5 46	0 24	24 17	3 51	16 49	1 32	15 53	0 27	2 24	2 20	21 14	0 43	19 32	1 19	10 31	15 41	23 21	23 28	20 53		n.a.
T 17	6 48	21 17	0 53	5 17	0 41	24 28	3 52	16 35	1 32	15 57	0 27	2 21	2 20	21 14	0 43	19 31	1 19	10 31	15 41	23 21	23 27	20 51		n.a.
F 18	7 11	23 47	0n14	4 49	0 57	24 38	3 52	16 21	1 33	16 1	0 27	2 18	2 20	21 13	0 43	19 31	1 19	10 32	15 41	23 21	23 27	20 50		n.a.
S 19	7 33	25 4	1 19	4 21	1 14	24 48	3 52	16 7	1 33	16 5	0 27	2 15	2 20	21 13	0 43	19 31	1 19	10 32	15 41	23 21	23 27	20 48		n.a.
S 20	7 55	25 8	2 19	3 54	1 30	24 57	3 52	15 53	1 34	16 9	0 27	2 12	2 20	21 13	0 43	19 31	1 19	10 33	15 41	23 21	23 27	20 47		n.a.
M21	8 17	24 2	3 13	3 29	1 45	25 5	3 52	15 39	1 34	16 13	0 26	2 9	2 21	21 13	0 43	19 31	1 19	10 33	15 40	23 21	23 26	20 45		n.a.
T 22	8 39	21 52	3 57	3 6	2 0	25 13	3 52	15 25	1 35	16 17	0 26	2 6	2 21	21 13	0 43	19 30	1 19	10 34	15 40	23 21	23 26	20 44		n.a.
W23	9 0	18 47	4 32	2 44	2 13	25 21	3 51	15 10	1 35	16 21	0 26	2 3	2 21	21 13	0 43	19 30	1 19	10 34	15 40	23 21	23 26	20 42		n.a.
T 24	9 22	14 54	4 55	2 25	2 26	25 27	3 50	14 55	1 36	16 25	0 26	2 0	2 21	21 13	0 43	19 30	1 19	10 35	15 40	23 20	23 26	20 40		n.a.
F 25	9 43	10 23	5 5	2 8	2 38	25 34	3 49	14 41	1 36	16 29	0 26	1 57	2 21	21 13	0 43	19 30	1 19	10 35	15 40	23 20	23 25	20 39		n.a.
S 26	10 4	5 24	5 1	1 54	2 48	25 39	3 48	14 26	1 37	16 33	0 26	1 54	2 21	21 13	0 43	19 29	1 19	10 36	15 40	23 19	23 25	20 37		n.a.
S 27	10 26	0 6	4 43	1 43	2 58	25 44	3 47	14 11	1 37	16 36	0 26	1 52	2 21	21 13	0 42	19 29	1 19	10 36	15 39	23 18	23 25	20 36		n.a.
M28	10 46	5s19	4 11	1 34	3 7	25 48	3 45	13 56	1 38	16 40	0 26	1 49	2 21	21 12	0 42	19 29	1 19	10 37	15 39	23 17	23 25	20 34		n.a.
T 29	11 7	10 36	3 25	1 28	3 14	25 52	3 43	13 41	1 38	16 44	0 25	1 46	2 21	21 12	0 42	19 28	1 19	10 37	15 39	23 16	23 24	20 33		n.a.
W30	11n28	15s31	2n27	1n25	3s20	25n55	3n40	13s25	1s39	16n48	0s25	1s43	2s21	21n12	0n42	19s28	1n19	10n37	15n39	23n16	23n24	20n31		n.a.

Julian Day Number = 1364664.5, Delta T = 06h55m55s
Ecliptic obliquity = 23°48'45, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°33'38, Lahiri = -17°26'37 Julian Calendar 1 Apr. 977 BCE == Greg. Calendar 23 March 977 BCE

The year -976 astronomical counting style corresponds to year 977 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 977 BCE
geocentric

MAY 977 BCE (-976) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 58 43	0♉26'41	2♐53	11♈20	10♊29	0♓ 3	17♉20	1♈12	29♋48	1°R22	9°R12	18°R 1	19♊37	15♌32	n.a.	T 1
F 2	14 2 39	1°23'53	16°29	11°36	11° 1	0°47	17°34	1°20	29°49	1♐21	9♎11	18°D 0	19°34	15°39	n.a.	F 2
S 3	14 6 36	2°21'05	0♑14	11°56	11°31	1°31	17°47	1°27	29°50	1°19	9° 9	18♊ 0	19°31	15°45	n.a.	S 3
S 4	14 10 32	3°18'16	14° 8	12°21	12° 0	2°15	18° 1	1°34	29°51	1°18	9° 8	18° 1	19°28	15°52	n.a.	S 4
M 5	14 14 29	4°15'27	28°11	12°50	12°27	2°59	18°14	1°41	29°52	1°17	9° 6	18°R 2	19°24	15°59	n.a.	M 5
T 6	14 18 25	5°12'37	12♒21	13°23	12°53	3°42	18°27	1°48	29°53	1°15	9° 5	18° 2	19°21	16° 6	n.a.	T 6
W 7	14 22 22	6° 9'47	26°37	14° 0	13°17	4°26	18°41	1°55	29°54	1°14	9° 3	18° 1	19°18	16°12	n.a.	W 7
T 8	14 26 19	7° 6'57	10♓57	14°42	13°40	5°10	18°54	2° 2	29°55	1°12	9° 2	17°57	19°15	16°19	n.a.	T 8
F 9	14 30 15	8° 4'06	25°16	15°27	14° 0	5°53	19° 8	2° 9	29°56	1°11	9° 1	17°52	19°12	16°26	n.a.	F 9
S 10	14 34 12	9° 1'16	9♈29	16°17	14°19	6°36	19°21	2°15	29°58	1° 9	8°59	17°47	19° 8	16°32	n.a.	S 10
S 11	14 38 8	9°58'24	23°34	17°11	14°36	7°20	19°35	2°22	29°59	1° 8	8°58	17°41	19° 5	16°39	n.a.	S 11
M12	14 42 5	10°55'33	7♉24	18° 8	14°51	8° 3	19°48	2°29	0♌ 0	1° 6	8°56	17°36	19° 2	16°46	n.a.	M12
T 13	14 46 1	11°52'41	20°56	19° 9	15° 4	8°46	20° 2	2°36	0° 2	1° 5	8°55	17°32	18°59	16°52	n.a.	T 13
W14	14 49 58	12°49'49	4♊ 9	20°14	15°15	9°29	20°15	2°42	0° 3	1° 3	8°54	17°29	18°56	16°59	n.a.	W14
T 15	14 53 54	13°46'56	17° 2	21°22	15°24	10°12	20°29	2°49	0° 4	1° 2	8°52	17°D28	18°53	17° 6	n.a.	T 15
F 16	14 57 51	14°44'03	29°36	22°34	15°31	10°55	20°43	2°55	0° 6	1° 0	8°51	17°29	18°49	17°13	n.a.	F 16
S 17	15 1 48	15°41'09	11♋53	23°50	15°36	11°38	20°56	3° 2	0° 8	0°59	8°50	17°30	18°46	17°19	n.a.	S 17
S 18	15 5 44	16°38'15	23°58	25° 9	15°38	12°21	21°10	3° 8	0° 9	0°57	8°49	17°32	18°43	17°26	n.a.	S 18
M19	15 9 41	17°35'21	5♌54	26°31	15°R38	13° 3	21°23	3°15	0°11	0°56	8°47	17°33	18°40	17°33	n.a.	M19
T 20	15 13 37	18°32'26	17°46	27°57	15°36	13°46	21°37	3°21	0°13	0°54	8°46	17°R34	18°37	17°39	n.a.	T 20
W21	15 17 34	19°29'31	29°39	29°26	15°31	14°29	21°50	3°27	0°14	0°53	8°45	17°34	18°34	17°46	n.a.	W21
T 22	15 21 30	20°26'35	11♍38	0♉59	15°24	15°11	22° 4	3°34	0°16	0°51	8°44	17°32	18°30	17°53	n.a.	T 22
F 23	15 25 27	21°23'39	23°48	2°35	15°15	15°53	22°18	3°40	0°18	0°49	8°43	17°29	18°27	17°59	n.a.	F 23
S 24	15 29 23	22°20'42	6♎10	4°14	15° 3	16°36	22°31	3°46	0°20	0°48	8°42	17°26	18°24	18° 6	n.a.	S 24
S 25	15 33 20	23°17'46	18°50	5°56	14°49	17°18	22°45	3°52	0°22	0°46	8°41	17°22	18°21	18°13	n.a.	S 25
M26	15 37 17	24°14'49	1♏47	7°41	14°32	18° 0	22°58	3°58	0°24	0°45	8°40	17°18	18°18	18°20	n.a.	M26
T 27	15 41 13	25°11'52	15° 3	9°30	14°13	18°42	23°12	4° 4	0°26	0°43	8°39	17°16	18°14	18°26	n.a.	T 27
W28	15 45 10	26° 8'56	28°36	11°21	13°52	19°24	23°26	4° 9	0°28	0°41	8°38	17°14	18°11	18°33	n.a.	W28
T 29	15 49 6	27° 6'00	12♐24	13°15	13°28	20° 5	23°39	4°15	0°30	0°40	8°37	17°D13	18° 8	18°40	n.a.	T 29
F 30	15 53 3	28° 3'03	26°25	15°11	13° 3	20°47	23°53	4°21	0°32	0°38	8°36	17°13	18° 5	18°46	n.a.	F 30
S 31	15 56 59	29♉ 0'08	10♑35	17♉10	12♊36	21♓29	24♉ 6	4♈27	0♌34	0♐37	8♎35	17♊14	18♊ 2	18♌53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11n48	19s45	1n21	1n24	3s26	25n58	3n38	13s10	1s39	16n52	0s25	1s40	2s22	21n12	0n42	19s28	1n19	10n38	15n38	23n16	23n24	20n30			n.a.
F 2	12 9	22 59	0 8	1 27	3 30	25 59	3 35	12 55	1 39	16 56	0 25	1 37	2 22	21 12	0 42	19 28	1 19	10 38	15 38	23 16	23 24	20 28			n.a.
S 3	12 29	24 54	1s 6	1 32	3 33	26 1	3 32	12 39	1 40	17 0	0 25	1 35	2 22	21 11	0 42	19 27	1 19	10 38	15 38	23 16	23 23	20 26			n.a.
S 4	12 48	25 19	2 17	1 39	3 35	26 1	3 28	12 23	1 40	17 4	0 25	1 32	2 22	21 11	0 42	19 27	1 19	10 39	15 38	23 16	23 23	20 25			n.a.
M 5	13 8	24 6	3 20	1 50	3 36	26 1	3 25	12 8	1 41	17 8	0 25	1 29	2 22	21 11	0 42	19 27	1 19	10 39	15 37	23 16	23 23	20 23			n.a.
T 6	13 28	21 23	4 12	2 3	3 36	26 1	3 21	11 52	1 41	17 12	0 25	1 26	2 22	21 11	0 42	19 26	1 19	10 39	15 37	23 16	23 23	20 22			n.a.
W 7	13 47	17 20	4 48	2 18	3 36	25 59	3 16	11 36	1 41	17 16	0 24	1 24	2 22	21 10	0 42	19 26	1 19	10 40	15 37	23 16	23 22	20 20			n.a.
T 8	14 6	12 18	5 7	2 36	3 34	25 58	3 11	11 20	1 42	17 19	0 24	1 21	2 22	21 10	0 42	19 26	1 19	10 40	15 36	23 15	23 22	20 18			n.a.
F 9	14 25	6 36	5 7	2 56	3 32	25 55	3 6	11 4	1 42	17 23	0 24	1 18	2 22	21 10	0 42	19 25	1 19	10 40	15 36	23 15	23 22	20 17			n.a.
S 10	14 44	0 35	4 48	3 18	3 28	25 52	3 1	10 48	1 42	17 27	0 24	1 16	2 23	21 10	0 42	19 25	1 19	10 40	15 36	23 14	23 22	20 15			n.a.
S 11	15 2	5n24	4 11	3 43	3 24	25 48	2 55	10 32	1 43	17 31	0 24	1 13	2 23	21 9	0 42	19 25	1 19	10 41	15 35	23 14	23 21	20 13			n.a.
M12	15 20	11 2	3 21	4 9	3 19	25 44	2 49	10 16	1 43	17 35	0 24	1 11	2 23	21 9	0 42	19 25	1 19	10 41	15 35	23 13	23 21	20 12			n.a.
T 13	15 38	16 2	2 19	4 38	3 14	25 39	2 42	10 0	1 44	17 39	0 24	1 8	2 23	21 9	0 42	19 24	1 19	10 41	15 35	23 13	23 21	20 10			n.a.
W14	15 56	20 8	1 12	5 8	3 8	25 33	2 35	9 44	1 44	17 42	0 24	1 6	2 23	21 8	0 42	19 24	1 19	10 41	15 34	23 13	23 21	20 8			n.a.
T 15	16 13	23 8	0 2	5 40	3 1	25 27	2 27	9 28	1 44	17 46	0 24	1 3	2 23	21 8	0 42	19 24	1 19	10 41	15 34	23 13	23 20	20 7			n.a.
F 16	16 31	24 54	1n 6	6 14	2 53	25 19	2 20	9 11	1 44	17 50	0 23	1 1	2 24	21 8	0 42	19 23	1 19	10 42	15 34	23 13	23 20	20 5			n.a.
S 17	16 47	25 25	2 10	6 50	2 45	25 12	2 11	8 55	1 45	17 54	0 23	0 58	2 24	21 7	0 42	19 23	1 19	10 42	15 33	23 13	23 20	20 3			n.a.
S 18	17 4	24 42	3 6	7 27	2 37	25 3	2 3	8 39	1 45	17 57	0 23	0 56	2 24	21 7	0 42	19 23	1 19	10 42	15 33	23 13	23 19	20 2			n.a.
M19	17 21	22 52	3 54	8 6	2 27	24 54	1 54	8 22	1 45	18 1	0 23	0 53	2 24	21 6	0 42	19 22	1 19	10 42	15 32	23 13	23 19	20 0			n.a.
T 20	17 37	20 3	4 32	8 46	2 18	24 45	1 44	8 6	1 46	18 5	0 23	0 51	2 24	21 6	0 42	19 22	1 19	10 42	15 32	23 13	23 19	19 58			n.a.
W21	17 53	16 25	4 58	9 27	2 8	24 34	1 34	7 50	1 46	18 8	0 23	0 48	2 24	21 6	0 42	19 22	1 19	10 42	15 32	23 13	23 19	19 57			n.a.
T 22	18 8	12 6	5 12	10 10	1 57	24 23	1 24	7 33	1 46	18 12	0 23	0 46	2 24	21 5	0 42	19 21	1 19	10 42	15 31	23 13	23 18	19 55			n.a.
F 23	18 23	7 15	5 12	10 53	1 47	24 11	1 13	7 17	1 46	18 16	0 23	0 44	2 25	21 5	0 42	19 21	1 19	10 42	15 31	23 13	23 18	19 53			n.a.
S 24	18 38	2 3	4 57	11 38	1 36	23 59	1 1	7 0	1 47	18 19	0 23	0 41	2 25	21 4	0 42	19 21	1 19	10 42	15 30	23 12	23 18	19 52			n.a.
S 25	18 53	3s22	4 28	12 23	1 24	23 45	0 50	6 44	1 47	18 23	0 22	0 39	2 25	21 4	0 42	19 20	1 19	10 42	15 30	23 12	23 18	19 50			n.a.
M26	19 8	8 46	3 44	13 9	1 13	23 32	0 38	6 27	1 47	18 27	0 22	0 37	2 25	21 3	0 42	19 20	1 19	10 42	15 30	23 12	23 17	19 48			n.a.
T 27	19 22	13 56	2 48	13 55	1 1	23 17	0 25	6 11	1 47	18 30	0 22	0 35	2 25	21 3	0 42	19 20	1 19	10 42	15 29	23 11	23 17	19 46			n.a.
W28	19 35	18 31	1 41	14 41	0 49	23 2	0 13	5 54	1 47	18 34	0 22	0 33	2 26	21 2	0 41	19 19	1 19	10 42	15 29	23 11	23 17	19 45			n.a.
T 29	19 49	22 12	0 26	15 28	0 38	22 46	0s 0	5 38	1 48	18 37	0 22	0 30	2 26	21 2	0 41	19 19	1 19	10 42	15 28	23 11	23 16	19 43			n.a.
F 30	20 2	24 36	0s51	16 14	0 26	22 29	0 14	5 21	1 48	18 41	0 22	0 28	2 26	21 1	0 41	19 19	1 19	10 42	15 28	23 11	23 16	19 41			n.a.
S 31	20n15	25s28	2s 5	17n 0	0s14	22n12	0s27	5s 5	1s48	18n44	0s22	0s26	2s26	21n 1	0n41	19s18	1n19	10n42	15n27	23n11	23n16	19n39			n.a.

Julian Day Number = 1364694.5, Delta T = 06h55m53s
Ecliptic obliquity = 23°48'44, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°33'34, Lahiri = -17°26'33 Julian Calendar 1 May 977 BCE == Greg. Calendar 22 Apr. 977 BCE

The year -976 astronomical counting style corresponds to year 977 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 977 BCE
geocentric

JUNE 977 BCE (-976) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 0 56	29♉57'13	24♋51	19♉12	12°R 6	22♓10	24♉20	4♈32	0♌37	0°R35	8°R34	17♊15	17♊59	19♌ 0	n.a.	S 1
M 2	16 4 53	0♊54'18	9♒ 8	21°15	11♊35	22°52	24°33	4°38	0°39	0♐33	8♎33	17°16	17°55	19° 7	n.a.	M 2
T 3	16 8 49	1°51'24	23°25	23°19	11° 3	23°33	24°47	4°43	0°41	0°32	8°32	17°17	17°52	19°13	n.a.	T 3
W 4	16 12 46	2°48'30	7♓38	25°25	10°29	24°14	25° 0	4°49	0°44	0°30	8°32	17°R17	17°49	19°20	n.a.	W 4
T 5	16 16 42	3°45'37	21°46	27°33	9°54	24°55	25°14	4°54	0°46	0°28	8°31	17°16	17°46	19°27	n.a.	T 5
F 6	16 20 39	4°42'45	5♈45	29°41	9°19	25°36	25°27	4°59	0°49	0°27	8°30	17°15	17°43	19°33	n.a.	F 6
S 7	16 24 35	5°39'53	19°34	1♊49	8°42	26°17	25°41	5° 4	0°51	0°25	8°29	17°14	17°40	19°40	n.a.	S 7
S 8	16 28 32	6°37'02	3♉11	3°58	8° 5	26°58	25°54	5° 9	0°54	0°24	8°29	17°12	17°36	19°47	n.a.	S 8
M 9	16 32 28	7°34'12	16°35	6° 7	7°28	27°39	26° 8	5°14	0°56	0°22	8°28	17°11	17°33	19°53	n.a.	M 9
T 10	16 36 25	8°31'23	29°44	8°15	6°51	28°19	26°21	5°19	0°59	0°20	8°27	17°11	17°30	20° 0	n.a.	T 10
W11	16 40 22	9°28'34	12♊38	10°23	6°14	29° 0	26°35	5°24	1° 2	0°19	8°27	17°D10	17°27	20° 7	n.a.	W11
T 12	16 44 18	10°25'46	25°18	12°30	5°37	29°40	26°48	5°29	1° 4	0°17	8°26	17°10	17°24	20°14	n.a.	T 12
F 13	16 48 15	11°22'59	7♋43	14°36	5° 1	0♈20	27° 1	5°34	1° 7	0°16	8°26	17°11	17°20	20°20	n.a.	F 13
S 14	16 52 11	12°20'12	19°55	16°41	4°27	1° 0	27°15	5°38	1°10	0°14	8°25	17°11	17°17	20°27	n.a.	S 14
S 15	16 56 8	13°17'25	1♌57	18°45	3°53	1°40	27°28	5°43	1°13	0°12	8°25	17°12	17°14	20°34	n.a.	S 15
M16	17 0 4	14°14'39	13°52	20°47	3°20	2°20	27°41	5°47	1°15	0°11	8°24	17°12	17°11	20°40	n.a.	M16
T 17	17 4 1	15°11'54	25°44	22°48	2°49	3° 0	27°55	5°51	1°18	0° 9	8°24	17°12	17° 8	20°47	n.a.	T 17
W18	17 7 58	16° 9'09	7♍37	24°47	2°20	3°39	28° 8	5°56	1°21	0° 8	8°24	17°12	17° 5	20°54	n.a.	W18
T 19	17 11 54	17° 6'25	19°36	26°45	1°52	4°19	28°21	6° 0	1°24	0° 6	8°23	17°12	17° 1	21° 1	n.a.	T 19
F 20	17 15 51	18° 3'41	1♎44	28°42	1°27	4°58	28°34	6° 4	1°27	0° 5	8°23	17°12	16°58	21° 7	n.a.	F 20
S 21	17 19 47	19° 0'58	14° 7	0♋36	1° 3	5°37	28°47	6° 8	1°30	0° 3	8°23	17°12	16°55	21°14	n.a.	S 21
S 22	17 23 44	19°58'15	26°49	2°29	0°41	6°16	29° 0	6°12	1°33	0° 2	8°23	17°13	16°52	21°21	n.a.	S 22
M23	17 27 40	20°55'34	9♏51	4°21	0°22	6°55	29°13	6°16	1°36	0° 0	8°22	17°13	16°49	21°27	n.a.	M23
T 24	17 31 37	21°52'53	23°16	6°10	0° 5	7°34	29°27	6°20	1°39	29♏59	8°22	17°13	16°45	21°34	n.a.	T 24
W25	17 35 33	22°50'13	7♐ 4	7°58	29♉51	8°13	29°39	6°23	1°42	29°57	8°22	17°14	16°42	21°41	n.a.	W25
T 26	17 39 30	23°47'34	21°13	9°45	29°38	8°51	29°52	6°27	1°46	29°56	8°22	17°R14	16°39	21°48	n.a.	T 26
F 27	17 43 27	24°44'57	5♑39	11°30	29°29	9°30	0♊ 5	6°30	1°49	29°54	8°22	17°13	16°36	21°54	n.a.	F 27
S 28	17 47 23	25°42'20	20°16	13°13	29°21	10° 8	0°18	6°34	1°52	29°53	8°D22	17°13	16°33	22° 1	n.a.	S 28
S 29	17 51 20	26°39'45	4♒58	14°54	29°16	10°46	0°31	6°37	1°55	29°52	8°22	17°12	16°30	22° 8	n.a.	S 29
M30	17 55 16	27♊37'11	19♒38	16♋34	29♉14	11♈24	0♊44	6♈40	1♌59	29♏50	8♎22	17♊11	16♊26	22♌14	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n27	24s39	3s13	17n45	0s 3	21n55	0s41	4s48	1s48	18n48	0s22	0s24	2s26	21n 0	0n41	19s18	1n19	10n42	15n27	23n11	23n16	19n38		n.a.
M 2	20 39	22 14	4 9	18 29	0n 8	21 37	0 55	4 32	1 48	18 51	0 22	0 22	2 27	21 0	0 41	19 18	1 19	10 42	15 26	23 12	23 15	19 36		n.a.
T 3	20 51	18 27	4 49	19 12	0 19	21 19	1 9	4 15	1 48	18 55	0 22	0 20	2 27	20 59	0 41	19 17	1 19	10 42	15 26	23 12	23 15	19 34		n.a.
W 4	21 3	13 38	5 11	19 53	0 29	21 0	1 23	3 59	1 49	18 58	0 21	0 18	2 27	20 59	0 41	19 17	1 19	10 42	15 25	23 12	23 15	19 32		n.a.
T 5	21 14	8 7	5 15	20 33	0 39	20 41	1 37	3 42	1 49	19 1	0 21	0 16	2 27	20 58	0 41	19 17	1 19	10 42	15 25	23 12	23 14	19 31		n.a.
F 6	21 25	2 15	5 0	21 11	0 49	20 21	1 51	3 26	1 49	19 5	0 21	0 14	2 27	20 58	0 41	19 16	1 19	10 41	15 24	23 11	23 14	19 29		n.a.
S 7	21 35	3n39	4 27	21 47	0 58	20 2	2 5	3 10	1 49	19 8	0 21	0 12	2 28	20 57	0 41	19 16	1 19	10 41	15 24	23 11	23 14	19 27		n.a.
S 8	21 45	9 20	3 40	22 21	1 6	19 43	2 19	2 53	1 49	19 11	0 21	0 11	2 28	20 56	0 41	19 16	1 19	10 41	15 23	23 11	23 13	19 25		n.a.
M 9	21 55	14 29	2 41	22 52	1 14	19 23	2 33	2 37	1 49	19 15	0 21	0 9	2 28	20 56	0 41	19 15	1 19	10 41	15 23	23 11	23 13	19 23		n.a.
T 10	22 4	18 52	1 35	23 21	1 20	19 4	2 46	2 21	1 49	19 18	0 21	0 7	2 28	20 55	0 41	19 15	1 19	10 41	15 22	23 11	23 13	19 22		n.a.
W11	22 13	22 15	0 25	23 47	1 27	18 45	2 59	2 4	1 49	19 21	0 21	0 5	2 29	20 55	0 41	19 15	1 19	10 40	15 22	23 11	23 13	19 20		n.a.
T 12	22 22	24 28	0n45	24 10	1 32	18 26	3 11	1 48	1 49	19 25	0 21	0 4	2 29	20 54	0 41	19 14	1 19	10 40	15 21	23 11	23 12	19 18		n.a.
F 13	22 30	25 26	1 51	24 31	1 37	18 8	3 24	1 32	1 49	19 28	0 21	0 2	2 29	20 53	0 41	19 14	1 19	10 40	15 21	23 11	23 12	19 16		n.a.
S 14	22 38	25 8	2 52	24 49	1 41	17 50	3 35	1 16	1 49	19 31	0 21	0 0	2 29	20 53	0 41	19 14	1 19	10 40	15 20	23 11	23 12	19 14		n.a.
S 15	22 45	23 40	3 43	25 4	1 45	17 33	3 47	1 0	1 49	19 34	0 20	0n 1	2 29	20 52	0 41	19 13	1 19	10 39	15 20	23 11	23 11	19 13		n.a.
M16	22 52	21 8	4 25	25 16	1 47	17 16	3 57	0 44	1 49	19 37	0 20	0 3	2 30	20 51	0 41	19 13	1 19	10 39	15 19	23 11	23 11	19 11		n.a.
T 17	22 59	17 45	4 55	25 26	1 49	17 0	4 7	0 28	1 49	19 40	0 20	0 4	2 30	20 51	0 41	19 13	1 19	10 39	15 19	23 11	23 11	19 9		n.a.
W18	23 5	13 40	5 13	25 33	1 51	16 45	4 17	0 12	1 49	19 43	0 20	0 6	2 30	20 50	0 41	19 13	1 19	10 38	15 18	23 11	23 10	19 7		n.a.
T 19	23 11	9 1	5 17	25 38	1 52	16 31	4 26	0n 4	1 49	19 47	0 20	0 7	2 30	20 49	0 41	19 12	1 19	10 38	15 18	23 11	23 10	19 5		n.a.
F 20	23 16	3 59	5 7	25 40	1 52	16 18	4 34	0 20	1 49	19 50	0 20	0 9	2 31	20 49	0 41	19 12	1 19	10 37	15 17	23 11	23 10	19 3		n.a.
S 21	23 21	1s19	4 43	25 40	1 51	16 5	4 42	0 36	1 49	19 53	0 20	0 10	2 31	20 48	0 41	19 12	1 19	10 37	15 16	23 11	23 9	19 1		n.a.
S 22	23 26	6 42	4 5	25 37	1 50	15 54	4 49	0 52	1 49	19 56	0 20	0 12	2 31	20 47	0 41	19 11	1 19	10 37	15 16	23 11	23 9	19 0		n.a.
M23	23 30	11 57	3 13	25 33	1 48	15 43	4 56	1 7	1 49	19 59	0 20	0 13	2 31	20 47	0 41	19 11	1 19	10 36	15 15	23 11	23 9	18 58		n.a.
T 24	23 34	16 48	2 9	25 26	1 46	15 34	5 2	1 23	1 49	20 1	0 20	0 14	2 32	20 46	0 41	19 11	1 19	10 36	15 15	23 11	23 9	18 56		n.a.
W25	23 37	20 54	0 56	25 17	1 44	15 25	5 8	1 38	1 49	20 4	0 20	0 15	2 32	20 45	0 41	19 10	1 19	10 35	15 14	23 11	23 8	18 54		n.a.
T 26	23 40	23 53	0s22	25 7	1 40	15 18	5 12	1 54	1 49	20 7	0 20	0 17	2 32	20 44	0 41	19 10	1 19	10 35	15 14	23 11	23 8	18 52		n.a.
F 27	23 42	25 22	1 40	24 55	1 37	15 12	5 17	2 9	1 49	20 10	0 19	0 18	2 32	20 44	0 41	19 10	1 19	10 34	15 13	23 11	23 8	18 50		n.a.
S 28	23 44	25 6	2 53	24 41	1 33	15 6	5 21	2 25	1 49	20 13	0 19	0 19	2 33	20 43	0 41	19 10	1 19	10 34	15 13	23 11	23 7	18 48		n.a.
S 29	23 46	23 6	3 55	24 25	1 28	15 2	5 24	2 40	1 49	20 16	0 19	0 20	2 33	20 42	0 41	19 9	1 19	10 33	15 12	23 11	23 7	18 46		n.a.
M30	23n47	19s35	4s41	24n 8	1n23	14n59	5s27	2n55	1s48	20n19	0s19	0n21	2s33	20n41	0n41	19s 9	1n19	10n33	15n11	23n11	23n 7	18n44		n.a.

Julian Day Number = 1364725.5, Delta T = 06h55m52s
Ecliptic obliquity = 23°48'44, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°33'29, Lahiri = -17°26'29 Julian Calendar 1 June 977 BCE == Greg. Calendar 23 May 977 BCE

The year -976 astronomical counting style corresponds to year 977 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 977 BCE
geocentric

JULY 977 BCE (-976) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 59 13	28♊34'38	4♓11	18♋13	29°D13	12♈ 2	0♊57	6♈43	2♌ 2	29°R49	8♎22	17°R10	16♊23	22♌21	n.a.	T 1
W 2	18 3 9	29°32'07	18°32	19°49	29♉15	12°39	1° 9	6°46	2° 5	29♏47	8°22	17♊ 9	16°20	22°28	n.a.	W 2
T 3	18 7 6	0♋29'38	2♈37	21°25	29°20	13°17	1°22	6°49	2° 8	29°46	8°22	17°D 9	16°17	22°35	n.a.	T 3
F 4	18 11 2	1°27'10	16°26	22°58	29°26	13°54	1°35	6°52	2°12	29°45	8°22	17° 9	16°14	22°41	n.a.	F 4
S 5	18 14 59	2°24'43	29°58	24°30	29°35	14°31	1°47	6°55	2°15	29°43	8°23	17°10	16°11	22°48	n.a.	S 5
S 6	18 18 56	3°22'19	13♉14	26° 0	29°46	15° 8	2° 0	6°57	2°19	29°42	8°23	17°11	16° 7	22°55	n.a.	S 6
M 7	18 22 52	4°19'56	26°15	27°29	29°59	15°45	2°12	7° 0	2°22	29°41	8°23	17°12	16° 4	23° 1	n.a.	M 7
T 8	18 26 49	5°17'34	9♊ 2	28°56	0♊13	16°22	2°25	7° 2	2°26	29°40	8°23	17°13	16° 1	23° 8	n.a.	T 8
W 9	18 30 45	6°15'15	21°36	0♌22	0°30	16°58	2°37	7° 5	2°29	29°38	8°24	17°R13	15°58	23°15	n.a.	W 9
T 10	18 34 42	7°12'56	3♋59	1°46	0°49	17°35	2°49	7° 7	2°33	29°37	8°24	17°13	15°55	23°22	n.a.	T 10
F 11	18 38 38	8°10'40	16°13	3° 8	1°10	18°11	3° 1	7° 9	2°36	29°36	8°25	17°11	15°52	23°28	n.a.	F 11
S 12	18 42 35	9° 8'24	28°17	4°28	1°32	18°47	3°14	7°11	2°40	29°35	8°25	17° 8	15°48	23°35	n.a.	S 12
S 13	18 46 32	10° 6'10	10♌15	5°47	1°56	19°23	3°26	7°13	2°43	29°34	8°26	17° 4	15°45	23°42	n.a.	S 13
M14	18 50 28	11° 3'58	22° 8	7° 4	2°22	19°58	3°38	7°15	2°47	29°33	8°26	17° 0	15°42	23°48	n.a.	M14
T 15	18 54 25	12° 1'47	3♍59	8°18	2°49	20°34	3°50	7°16	2°50	29°32	8°27	16°56	15°39	23°55	n.a.	T 15
W16	18 58 21	12°59'37	15°51	9°31	3°18	21° 9	4° 2	7°18	2°54	29°30	8°27	16°53	15°36	24° 2	n.a.	W16
T 17	19 2 18	13°57'29	27°48	10°42	3°48	21°44	4°14	7°19	2°58	29°29	8°28	16°51	15°32	24° 9	n.a.	T 17
F 18	19 6 14	14°55'22	9♎54	11°51	4°20	22°19	4°25	7°21	3° 1	29°28	8°28	16°D50	15°29	24°15	n.a.	F 18
S 19	19 10 11	15°53'16	22°14	12°57	4°53	22°53	4°37	7°22	3° 5	29°27	8°29	16°50	15°26	24°22	n.a.	S 19
S 20	19 14 7	16°51'12	4♏51	14° 2	5°27	23°28	4°49	7°23	3° 9	29°26	8°30	16°51	15°23	24°29	n.a.	S 20
M21	19 18 4	17°49'09	17°51	15° 3	6° 3	24° 2	5° 0	7°24	3°12	29°25	8°31	16°52	15°20	24°35	n.a.	M21
T 22	19 22 0	18°47'08	1♐16	16° 3	6°40	24°36	5°12	7°25	3°16	29°25	8°31	16°54	15°17	24°42	n.a.	T 22
W23	19 25 57	19°45'09	15° 8	16°59	7°18	25° 9	5°23	7°26	3°20	29°24	8°32	16°R54	15°13	24°49	n.a.	W23
T 24	19 29 54	20°43'11	29°26	17°53	7°57	25°43	5°35	7°27	3°23	29°23	8°33	16°54	15°10	24°56	n.a.	T 24
F 25	19 33 50	21°41'15	14♑ 8	18°43	8°38	26°16	5°46	7°27	3°27	29°22	8°34	16°52	15° 7	25° 2	n.a.	F 25
S 26	19 37 47	22°39'21	29° 6	19°31	9°19	26°49	5°57	7°28	3°31	29°21	8°35	16°48	15° 4	25° 9	n.a.	S 26
S 27	19 41 43	23°37'28	14♒12	20°15	10° 2	27°22	6° 8	7°28	3°35	29°20	8°36	16°43	15° 1	25°16	n.a.	S 27
M28	19 45 40	24°35'37	29°16	20°55	10°45	27°55	6°19	7°29	3°38	29°20	8°37	16°38	14°57	25°22	n.a.	M28
T 29	19 49 36	25°33'49	14♓10	21°31	11°30	28°27	6°30	7°29	3°42	29°19	8°38	16°32	14°54	25°29	n.a.	T 29
W30	19 53 33	26°32'02	28°46	22° 3	12°15	28°59	6°41	7°R29	3°46	29°18	8°39	16°28	14°51	25°36	n.a.	W30
T 31	19 57 29	27♋30'18	12♈59	22♌31	13♊ 1	29♈31	6♊52	7♈29	3♌50	29♏17	8♎40	16♊26	14♊48	25♌43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n48	14s54	5s 8	23n50	1n18	14n57	5s29	3n10	1s48	20n21	0s19	0n22	2s33	20n41	0n41	19s 9	1n19	10n32	15n11	23n11	23n 6	18n43			n.a.
W 2	23 49	9 26	5 16	23 30	1 12	14 55	5 31	3 25	1 48	20 24	0 19	0 23	2 34	20 40	0 41	19 9	1 18	10 32	15 10	23 11	23 6	18 41			n.a.
T 3	23 49	3 35	5 5	23 9	1 6	14 55	5 32	3 40	1 48	20 27	0 19	0 24	2 34	20 39	0 41	19 8	1 18	10 31	15 10	23 11	23 6	18 39			n.a.
F 4	23 48	2n19	4 36	22 48	0 59	14 55	5 33	3 55	1 48	20 29	0 19	0 25	2 34	20 38	0 41	19 8	1 18	10 31	15 9	23 11	23 5	18 37			n.a.
S 5	23 47	8 1	3 52	22 25	0 52	14 56	5 34	4 10	1 48	20 32	0 19	0 26	2 35	20 37	0 41	19 8	1 18	10 30	15 9	23 11	23 5	18 35			n.a.
S 6	23 46	13 15	2 57	22 1	0 45	14 58	5 34	4 24	1 47	20 35	0 19	0 26	2 35	20 37	0 41	19 8	1 18	10 29	15 8	23 11	23 5	18 33			n.a.
M 7	23 44	17 47	1 53	21 36	0 38	15 1	5 34	4 39	1 47	20 37	0 19	0 27	2 35	20 36	0 41	19 7	1 18	10 29	15 7	23 11	23 4	18 31			n.a.
T 8	23 42	21 24	0 45	21 11	0 30	15 5	5 34	4 53	1 47	20 40	0 19	0 28	2 35	20 35	0 41	19 7	1 18	10 28	15 7	23 11	23 4	18 29			n.a.
W 9	23 40	23 57	0n24	20 45	0 22	15 9	5 33	5 8	1 47	20 42	0 18	0 28	2 36	20 34	0 41	19 7	1 18	10 27	15 6	23 11	23 4	18 27			n.a.
T 10	23 37	25 16	1 31	20 18	0 14	15 14	5 32	5 22	1 47	20 45	0 18	0 29	2 36	20 33	0 41	19 7	1 18	10 27	15 6	23 11	23 3	18 25			n.a.
F 11	23 33	25 20	2 33	19 51	0 5	15 19	5 30	5 36	1 46	20 47	0 18	0 30	2 36	20 33	0 41	19 6	1 18	10 26	15 5	23 11	23 3	18 23			n.a.
S 12	23 29	24 12	3 27	19 23	0s 4	15 26	5 29	5 50	1 46	20 50	0 18	0 30	2 36	20 32	0 41	19 6	1 18	10 25	15 5	23 11	23 3	18 21			n.a.
S 13	23 25	21 58	4 11	18 55	0 13	15 32	5 27	6 4	1 46	20 52	0 18	0 31	2 37	20 31	0 41	19 6	1 18	10 25	15 4	23 10	23 2	18 19			n.a.
M14	23 21	18 49	4 45	18 27	0 22	15 39	5 25	6 18	1 46	20 55	0 18	0 31	2 37	20 30	0 41	19 6	1 18	10 24	15 3	23 10	23 2	18 17			n.a.
T 15	23 15	14 55	5 5	17 58	0 31	15 47	5 22	6 32	1 45	20 57	0 18	0 32	2 37	20 29	0 41	19 6	1 18	10 23	15 3	23 10	23 2	18 15			n.a.
W16	23 10	10 27	5 13	17 30	0 40	15 55	5 20	6 45	1 45	20 59	0 18	0 32	2 38	20 28	0 41	19 5	1 18	10 22	15 2	23 9	23 1	18 13			n.a.
T 17	23 4	5 35	5 8	17 1	0 50	16 3	5 17	6 59	1 45	21 2	0 18	0 32	2 38	20 28	0 41	19 5	1 18	10 22	15 2	23 9	23 1	18 11			n.a.
F 18	22 58	0 26	4 48	16 33	1 0	16 12	5 14	7 12	1 44	21 4	0 18	0 33	2 38	20 27	0 41	19 5	1 18	10 21	15 1	23 9	23 0	18 9			n.a.
S 19	22 51	4s50	4 16	16 4	1 10	16 21	5 10	7 26	1 44	21 6	0 18	0 33	2 38	20 26	0 41	19 5	1 18	10 20	15 1	23 9	23 0	18 7			n.a.
S 20	22 44	10 3	3 30	15 36	1 20	16 31	5 7	7 39	1 44	21 8	0 18	0 33	2 39	20 25	0 41	19 5	1 18	10 19	15 0	23 9	23 0	18 5			n.a.
M21	22 36	14 59	2 32	15 8	1 30	16 40	5 4	7 52	1 43	21 11	0 17	0 33	2 39	20 24	0 41	19 5	1 18	10 18	14 59	23 9	22 59	18 3			n.a.
T 22	22 28	19 21	1 24	14 41	1 40	16 50	5 0	8 5	1 43	21 13	0 17	0 33	2 39	20 23	0 41	19 4	1 18	10 18	14 59	23 9	22 59	18 1			n.a.
W23	22 20	22 48	0 10	14 14	1 50	17 0	4 56	8 18	1 42	21 15	0 17	0 33	2 40	20 22	0 41	19 4	1 18	10 17	14 58	23 9	22 59	17 59			n.a.
T 24	22 11	24 57	1s 8	13 48	2 0	17 10	4 52	8 31	1 42	21 17	0 17	0 33	2 40	20 21	0 41	19 4	1 18	10 16	14 58	23 9	22 58	17 57			n.a.
F 25	22 2	25 25	2 23	13 23	2 11	17 21	4 48	8 43	1 42	21 19	0 17	0 33	2 40	20 21	0 41	19 4	1 18	10 15	14 57	23 9	22 58	17 55			n.a.
S 26	21 52	24 4	3 29	12 58	2 21	17 31	4 44	8 56	1 41	21 21	0 17	0 33	2 40	20 20	0 40	19 4	1 18	10 14	14 57	23 9	22 58	17 53			n.a.
S 27	21 43	21 0	4 22	12 35	2 31	17 42	4 39	9 8	1 41	21 23	0 17	0 33	2 41	20 19	0 40	19 4	1 17	10 13	14 56	23 8	22 57	17 51			n.a.
M28	21 32	16 31	4 56	12 13	2 41	17 52	4 35	9 20	1 40	21 25	0 17	0 33	2 41	20 18	0 40	19 4	1 17	10 12	14 56	23 8	22 57	17 49			n.a.
T 29	21 22	11 4	5 10	11 52	2 50	18 3	4 30	9 32	1 40	21 27	0 17	0 33	2 41	20 17	0 40	19 3	1 17	10 12	14 55	23 7	22 57	17 47			n.a.
W30	21 10	5 7	5 3	11 32	3 0	18 13	4 26	9 44	1 39	21 29	0 17	0 33	2 42	20 16	0 40	19 3	1 17	10 11	14 55	23 7	22 56	17 45			n.a.
T 31	20n59	0n57	4s38	11n15	3s 9	18n24	4s21	9n56	1s39	21n31	0s17	0n32	2s42	20n15	0n40	19s 3	1n17	10n10	14n54	23n 6	22n56	17n43			n.a.

Julian Day Number = 1364755.5, Delta T = 06h55m50s
Ecliptic obliquity = 23°48'44, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°33'25, Lahiri = -17°26'25 Julian Calendar 1 July 977 BCE == Greg. Calendar 22 June 977 BCE

The year -976 astronomical counting style corresponds to year 977 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 977 BCE
geocentric

AUGUST 977 BCE (-976) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 1 26	28♋28'36	26♈48	22♌54	13♊48	0♉ 3	7♊ 3	7°R29	3♌53	29°R17	8♎41	16°D25	14♊45	25♌49	n.a.	F 1
S 2	20 5 23	29°26'56	10♉14	23°12	14°36	0°34	7°13	7♈28	3°57	29♏16	8°42	16♊25	14°42	25°56	n.a.	S 2
S 3	20 9 19	0♌25'19	23°18	23°24	15°25	1° 5	7°24	7°28	4° 1	29°16	8°43	16°26	14°38	26° 3	n.a.	S 3
M 4	20 13 16	1°23'43	6♊ 3	23°31	16°15	1°36	7°34	7°28	4° 5	29°15	8°45	16°28	14°35	26° 9	n.a.	M 4
T 5	20 17 12	2°22'11	18°34	23°R32	17° 5	2° 7	7°44	7°27	4° 8	29°15	8°46	16°R28	14°32	26°16	n.a.	T 5
W 6	20 21 9	3°20'40	0♋53	23°27	17°56	2°37	7°55	7°26	4°12	29°14	8°47	16°27	14°29	26°23	n.a.	W 6
T 7	20 25 5	4°19'11	13° 2	23°15	18°48	3° 7	8° 5	7°26	4°16	29°14	8°48	16°24	14°26	26°30	n.a.	T 7
F 8	20 29 2	5°17'45	25° 4	22°56	19°40	3°37	8°15	7°25	4°20	29°13	8°50	16°18	14°23	26°36	n.a.	F 8
S 9	20 32 58	6°16'21	7♌ 1	22°31	20°33	4° 6	8°25	7°24	4°24	29°13	8°51	16°10	14°19	26°43	n.a.	S 9
S 10	20 36 55	7°14'58	18°55	21°58	21°27	4°35	8°34	7°23	4°27	29°12	8°53	16° 1	14°16	26°50	n.a.	S 10
M11	20 40 52	8°13'38	0♍47	21°19	22°21	5° 4	8°44	7°21	4°31	29°12	8°54	15°51	14°13	26°56	n.a.	M11
T 12	20 44 48	9°12'20	12°38	20°34	23°16	5°32	8°54	7°20	4°35	29°12	8°55	15°41	14°10	27° 3	n.a.	T 12
W13	20 48 45	10°11'03	24°31	19°43	24°11	6° 1	9° 3	7°18	4°39	29°12	8°57	15°31	14° 7	27°10	n.a.	W13
T 14	20 52 41	11° 9'49	6♎28	18°47	25° 7	6°28	9°13	7°17	4°43	29°11	8°58	15°24	14° 3	27°17	n.a.	T 14
F 15	20 56 38	12° 8'36	18°33	17°46	26° 4	6°56	9°22	7°15	4°46	29°11	9° 0	15°19	14° 0	27°23	n.a.	F 15
S 16	21 0 34	13° 7'25	0♏50	16°42	27° 1	7°23	9°31	7°14	4°50	29°11	9° 1	15°16	13°57	27°30	n.a.	S 16
S 17	21 4 31	14° 6'16	13°22	15°37	27°58	7°50	9°40	7°12	4°54	29°11	9° 3	15°D15	13°54	27°37	n.a.	S 17
M18	21 8 27	15° 5'09	26°15	14°32	28°56	8°16	9°49	7°10	4°58	29°11	9° 5	15°16	13°51	27°43	n.a.	M18
T 19	21 12 24	16° 4'04	9♐33	13°28	29°54	8°42	9°58	7° 8	5° 1	29°11	9° 6	15°R16	13°48	27°50	n.a.	T 19
W20	21 16 20	17° 3'01	23°19	12°27	0♋53	9° 8	10° 6	7° 5	5° 5	29°11	9° 8	15°16	13°44	27°57	n.a.	W20
T 21	21 20 17	18° 2'00	7♑33	11°31	1°53	9°33	10°15	7° 3	5° 9	29°D11	9°10	15°14	13°41	28° 4	n.a.	T 21
F 22	21 24 14	19° 1'01	22°15	10°41	2°52	9°58	10°23	7° 1	5°13	29°11	9°11	15°10	13°38	28°10	n.a.	F 22
S 23	21 28 10	20° 0'04	7♒19	9°59	3°53	10°23	10°32	6°58	5°16	29°11	9°13	15° 3	13°35	28°17	n.a.	S 23
S 24	21 32 7	20°59'09	22°37	9°25	4°53	10°47	10°40	6°56	5°20	29°11	9°15	14°54	13°32	28°24	n.a.	S 24
M25	21 36 3	21°58'15	7♓57	9° 1	5°54	11°11	10°48	6°53	5°24	29°11	9°17	14°44	13°29	28°31	n.a.	M25
T 26	21 40 0	22°57'25	23° 8	8°47	6°55	11°34	10°56	6°50	5°27	29°11	9°18	14°34	13°25	28°37	n.a.	T 26
W27	21 43 56	23°56'36	8♈ 1	8°D44	7°57	11°57	11° 4	6°48	5°31	29°11	9°20	14°26	13°22	28°44	n.a.	W27
T 28	21 47 53	24°55'50	22°27	8°51	8°59	12°19	11°11	6°45	5°35	29°11	9°22	14°20	13°19	28°51	n.a.	T 28
F 29	21 51 49	25°55'06	6♉24	9° 9	10° 2	12°41	11°19	6°42	5°38	29°12	9°24	14°16	13°16	28°57	n.a.	F 29
S 30	21 55 46	26°54'25	19°53	9°36	11° 5	13° 3	11°26	6°39	5°42	29°12	9°26	14°15	13°13	29° 4	n.a.	S 30
S 31	21 59 43	27♌53'47	2♊56	10♌13	12♋ 8	13♉24	11♊33	6♈35	5♌45	29♏12	9♎28	14°D15	13♊ 9	29♌11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n47	6n49	3s57	10n59	3s18	18n35	4s16	10n 8	1s38	21n33	0s17	0n32	2s42	20n14	0n40	19s 3	1n17	10n 9	14n53	23n 6	22n55	17n41		n.a.
S 2	20 35	12 13	3 3	10 45	3 27	18 45	4 11	10 20	1 38	21 35	0 17	0 32	2 42	20 13	0 40	19 3	1 17	10 8	14 53	23 6	22 55	17 39		n.a.
S 3	20 22	16 55	2 2	10 33	3 35	18 55	4 6	10 31	1 37	21 37	0 16	0 31	2 43	20 12	0 41	19 3	1 17	10 7	14 52	23 7	22 55	17 36		n.a.
M 4	20 10	20 44	0 56	10 24	3 42	19 5	4 1	10 42	1 37	21 39	0 16	0 31	2 43	20 12	0 41	19 3	1 17	10 6	14 52	23 7	22 54	17 34		n.a.
T 5	19 56	23 30	0n11	10 17	3 49	19 15	3 56	10 54	1 36	21 40	0 16	0 30	2 43	20 11	0 41	19 3	1 17	10 5	14 51	23 7	22 54	17 32		n.a.
W 6	19 43	25 6	1 17	10 14	3 54	19 25	3 51	11 5	1 36	21 42	0 16	0 30	2 44	20 10	0 41	19 3	1 17	10 4	14 51	23 7	22 54	17 30		n.a.
T 7	19 29	25 27	2 18	10 13	3 59	19 35	3 46	11 16	1 35	21 44	0 16	0 29	2 44	20 9	0 41	19 3	1 17	10 3	14 50	23 6	22 53	17 28		n.a.
F 8	19 14	24 36	3 12	10 16	4 3	19 44	3 40	11 26	1 34	21 46	0 16	0 29	2 44	20 8	0 41	19 3	1 17	10 2	14 50	23 6	22 53	17 26		n.a.
S 9	19 0	22 38	3 58	10 22	4 5	19 54	3 35	11 37	1 34	21 47	0 16	0 28	2 44	20 7	0 41	19 3	1 17	10 1	14 49	23 5	22 53	17 24		n.a.
S 10	18 45	19 41	4 32	10 31	4 6	20 3	3 30	11 47	1 33	21 49	0 16	0 27	2 45	20 6	0 41	19 3	1 17	10 0	14 49	23 4	22 52	17 22		n.a.
M11	18 29	15 57	4 55	10 44	4 6	20 11	3 24	11 58	1 32	21 50	0 16	0 27	2 45	20 5	0 41	19 3	1 17	9 59	14 48	23 3	22 52	17 20		n.a.
T 12	18 14	11 36	5 5	11 1	4 4	20 20	3 19	12 8	1 32	21 52	0 16	0 26	2 45	20 4	0 41	19 3	1 17	9 58	14 48	23 2	22 51	17 17		n.a.
W13	17 58	6 49	5 1	11 21	3 59	20 28	3 14	12 18	1 31	21 54	0 16	0 25	2 45	20 3	0 41	19 3	1 17	9 57	14 47	23 1	22 51	17 15		n.a.
T 14	17 42	1 45	4 45	11 44	3 53	20 35	3 8	12 28	1 30	21 55	0 16	0 24	2 46	20 2	0 41	19 3	1 17	9 56	14 47	23 0	22 51	17 13		n.a.
F 15	17 25	3s27	4 16	12 11	3 45	20 43	3 3	12 38	1 30	21 57	0 16	0 23	2 46	20 1	0 41	19 3	1 17	9 55	14 46	22 59	22 50	17 11		n.a.
S 16	17 8	8 36	3 34	12 40	3 35	20 50	2 57	12 47	1 29	21 58	0 15	0 22	2 46	20 1	0 41	19 3	1 16	9 54	14 46	22 59	22 50	17 9		n.a.
S 17	16 51	13 32	2 42	13 11	3 23	20 56	2 52	12 57	1 28	22 0	0 15	0 21	2 46	20 0	0 41	19 3	1 16	9 53	14 46	22 59	22 49	17 7		n.a.
M18	16 34	18 0	1 40	13 43	3 9	21 2	2 46	13 6	1 27	22 1	0 15	0 20	2 47	19 59	0 41	19 3	1 16	9 52	14 45	22 59	22 49	17 5		n.a.
T 19	16 16	21 44	0 30	14 17	2 53	21 8	2 41	13 15	1 27	22 2	0 15	0 19	2 47	19 58	0 41	19 3	1 16	9 51	14 45	22 59	22 49	17 2		n.a.
W20	15 58	24 21	0s43	14 50	2 36	21 14	2 35	13 24	1 26	22 4	0 15	0 18	2 47	19 57	0 41	19 3	1 16	9 50	14 44	22 59	22 48	17 0		n.a.
T 21	15 40	25 31	1 56	15 24	2 18	21 18	2 30	13 33	1 25	22 5	0 15	0 17	2 47	19 56	0 41	19 3	1 16	9 49	14 44	22 59	22 48	16 58		n.a.
F 22	15 21	24 57	3 3	15 56	1 59	21 23	2 24	13 42	1 24	22 6	0 15	0 16	2 48	19 55	0 41	19 3	1 16	9 48	14 43	22 58	22 48	16 56		n.a.
S 23	15 2	22 35	4 0	16 26	1 39	21 27	2 18	13 51	1 23	22 8	0 15	0 15	2 48	19 54	0 41	19 3	1 16	9 47	14 43	22 58	22 47	16 54		n.a.
S 24	14 43	18 35	4 40	16 54	1 19	21 30	2 13	13 59	1 22	22 9	0 15	0 14	2 48	19 53	0 41	19 3	1 16	9 46	14 42	22 57	22 47	16 52		n.a.
M25	14 24	13 21	5 0	17 19	1 0	21 33	2 7	14 8	1 22	22 10	0 15	0 12	2 48	19 52	0 41	19 3	1 16	9 44	14 42	22 55	22 46	16 49		n.a.
T 26	14 5	7 20	4 59	17 42	0 40	21 36	2 2	14 16	1 21	22 11	0 15	0 11	2 49	19 51	0 41	19 3	1 16	9 43	14 42	22 54	22 46	16 47		n.a.
W27	13 45	1 1	4 37	18 1	0 22	21 38	1 56	14 24	1 20	22 13	0 15	0 10	2 49	19 51	0 41	19 3	1 16	9 42	14 41	22 53	22 46	16 45		n.a.
T 28	13 25	5n11	3 59	18 16	0 4	21 39	1 51	14 32	1 19	22 14	0 15	0 8	2 49	19 50	0 41	19 3	1 16	9 41	14 41	22 53	22 45	16 43		n.a.
F 29	13 5	10 56	3 6	18 27	0n13	21 40	1 46	14 39	1 18	22 15	0 14	0 7	2 49	19 49	0 41	19 3	1 16	9 40	14 40	22 52	22 45	16 40		n.a.
S 30	12 44	15 58	2 5	18 35	0 28	21 41	1 40	14 47	1 17	22 16	0 14	0 5	2 49	19 48	0 41	19 4	1 16	9 39	14 40	22 52	22 44	16 38		n.a.
S 31	12n23	20n 6	1s 0	18n38	0n43	21n41	1s35	14n54	1s16	22n17	0s14	0n 4	2s50	19n47	0n41	19s 4	1n16	9n38	14n40	22n52	22n44	16n36		n.a.

Julian Day Number = 1364786.5, Delta T = 06h55m49s
Ecliptic obliquity = 23°48'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°33'21, Lahiri = -17°26'21 Julian Calendar 1 Aug. 977 BCE == Greg. Calendar 23 July 977 BCE

The year -976 astronomical counting style corresponds to year 977 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 977 BCE
geocentric

SEPTEMBER 977 BCE (-976) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 3 39	28♌53'10	15♊36	10♌59	13♋11	13♉44	11♊40	6°R32	5♌49	29♏13	9♎30	14°R15	13♊ 6	29♌18	n.a.	M 1
T 2	22 7 36	29°52'37	27°59	11°53	14°15	14° 5	11°47	6♈29	5°53	29°13	9°32	14♊14	13° 3	29°24	n.a.	T 2
W 3	22 11 32	0♍52'06	10♋ 8	12°54	15°19	14°24	11°54	6°25	5°56	29°13	9°34	14°11	13° 0	29°31	n.a.	W 3
T 4	22 15 29	1°51'37	22° 9	14° 2	16°23	14°43	12° 1	6°22	6° 0	29°14	9°36	14° 6	12°57	29°38	n.a.	T 4
F 5	22 19 25	2°51'10	4♌ 4	15°16	17°28	15° 2	12° 7	6°18	6° 3	29°14	9°38	13°58	12°54	29°44	n.a.	F 5
S 6	22 23 22	3°50'46	15°56	16°35	18°33	15°20	12°14	6°14	6° 7	29°15	9°40	13°46	12°50	29°51	n.a.	S 6
S 7	22 27 18	4°50'24	27°48	17°58	19°38	15°37	12°20	6°11	6°10	29°15	9°42	13°33	12°47	29°58	n.a.	S 7
M 8	22 31 15	5°50'04	9♍40	19°25	20°44	15°54	12°26	6° 7	6°14	29°16	9°44	13°18	12°44	0♍ 5	n.a.	M 8
T 9	22 35 11	6°49'46	21°34	20°56	21°50	16°11	12°32	6° 3	6°17	29°17	9°46	13° 4	12°41	0°11	n.a.	T 9
W10	22 39 8	7°49'30	3♎32	22°29	22°56	16°26	12°37	5°59	6°20	29°17	9°48	12°50	12°38	0°18	n.a.	W10
T 11	22 43 5	8°49'17	15°34	24° 4	24° 2	16°42	12°43	5°55	6°24	29°18	9°50	12°39	12°35	0°25	n.a.	T 11
F 12	22 47 1	9°49'05	27°44	25°41	25° 9	16°56	12°48	5°51	6°27	29°19	9°53	12°31	12°31	0°31	n.a.	F 12
S 13	22 50 58	10°48'55	10♏ 3	27°20	26°15	17°10	12°53	5°47	6°30	29°19	9°55	12°25	12°28	0°38	n.a.	S 13
S 14	22 54 54	11°48'47	22°36	28°59	27°22	17°23	12°58	5°42	6°34	29°20	9°57	12°23	12°25	0°45	n.a.	S 14
M15	22 58 51	12°48'41	5♐25	0♍39	28°29	17°36	13° 3	5°38	6°37	29°21	9°59	12°22	12°22	0°52	n.a.	M15
T 16	23 2 47	13°48'37	18°36	2°20	29°37	17°48	13° 8	5°34	6°40	29°22	10° 1	12°22	12°19	0°58	n.a.	T 16
W17	23 6 44	14°48'34	2♑11	4° 1	0♌44	18° 0	13°13	5°29	6°43	29°23	10° 4	12°21	12°15	1° 5	n.a.	W17
T 18	23 10 40	15°48'34	16°13	5°43	1°52	18°10	13°17	5°25	6°46	29°24	10° 6	12°19	12°12	1°12	n.a.	T 18
F 19	23 14 37	16°48'35	0♒43	7°24	3° 0	18°20	13°21	5°20	6°50	29°25	10° 8	12°14	12° 9	1°19	n.a.	F 19
S 20	23 18 34	17°48'38	15°36	9° 6	4° 9	18°30	13°25	5°16	6°53	29°26	10°10	12° 6	12° 6	1°25	n.a.	S 20
S 21	23 22 30	18°48'42	0♓47	10°47	5°17	18°38	13°29	5°11	6°56	29°27	10°13	11°56	12° 3	1°32	n.a.	S 21
M22	23 26 27	19°48'49	16° 5	12°28	6°26	18°46	13°32	5° 7	6°59	29°28	10°15	11°45	12° 0	1°39	n.a.	M22
T 23	23 30 23	20°48'57	1♈19	14° 9	7°35	18°54	13°36	5° 2	7° 2	29°29	10°17	11°34	11°56	1°45	n.a.	T 23
W24	23 34 20	21°49'07	16°19	15°50	8°44	19° 0	13°39	4°57	7° 5	29°30	10°20	11°24	11°53	1°52	n.a.	W24
T 25	23 38 16	22°49'20	0♉55	17°30	9°53	19° 6	13°42	4°53	7° 8	29°31	10°22	11°16	11°50	1°59	n.a.	T 25
F 26	23 42 13	23°49'34	15° 2	19° 9	11° 2	19°11	13°45	4°48	7°11	29°32	10°24	11°12	11°47	2° 6	n.a.	F 26
S 27	23 46 9	24°49'51	28°39	20°49	12°12	19°15	13°48	4°43	7°13	29°33	10°27	11° 9	11°44	2°12	n.a.	S 27
S 28	23 50 6	25°50'10	11♊47	22°28	13°21	19°18	13°50	4°38	7°16	29°35	10°29	11°D 9	11°40	2°19	n.a.	S 28
M29	23 54 2	26°50'32	24°31	24° 7	14°31	19°21	13°53	4°33	7°19	29°36	10°31	11°R 9	11°37	2°26	n.a.	M29
T 30	23 57 59	27♍50'55	6♋54	25♍45	15♌41	19♉23	13♊55	4♈28	7♌22	29♏37	10♎34	11♊ 9	11♊34	2♍32	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n 3	23n 8	0n 7	18n38	0n56	21n40	1s29	15n 1	1s15	22n18	0s14	0n 3	2s50	19n46	0n41	19s 4	1n16	9n37	14n39	22n52	22n44	16n34		n.a.
T 2	11 41	25 0	1 12	18 34	1 7	21 39	1 24	15 9	1 14	22 19	0 14	0 1	2 50	19 45	0 41	19 4	1 16	9 36	14 39	22 52	22 43	16 32		n.a.
W 3	11 20	25 37	2 12	18 27	1 18	21 37	1 19	15 15	1 12	22 20	0 14	0s 1	2 50	19 44	0 41	19 4	1 16	9 35	14 39	22 52	22 43	16 29		n.a.
T 4	10 59	25 1	3 6	18 15	1 27	21 34	1 13	15 22	1 11	22 21	0 14	0 2	2 50	19 44	0 41	19 4	1 15	9 33	14 38	22 51	22 42	16 27		n.a.
F 5	10 37	23 16	3 51	18 1	1 34	21 31	1 8	15 29	1 10	22 22	0 14	0 4	2 51	19 43	0 41	19 4	1 15	9 32	14 38	22 50	22 42	16 25		n.a.
S 6	10 15	20 31	4 25	17 43	1 41	21 28	1 3	15 35	1 9	22 23	0 14	0 5	2 51	19 42	0 41	19 5	1 15	9 31	14 37	22 49	22 42	16 23		n.a.
S 7	9 53	16 55	4 48	17 22	1 47	21 24	0 58	15 42	1 8	22 24	0 14	0 7	2 51	19 41	0 41	19 5	1 15	9 30	14 37	22 47	22 41	16 20		n.a.
M 8	9 31	12 40	4 59	16 59	1 51	21 19	0 53	15 48	1 7	22 25	0 14	0 9	2 51	19 40	0 41	19 5	1 15	9 29	14 37	22 45	22 41	16 18		n.a.
T 9	9 8	7 55	4 56	16 33	1 54	21 14	0 48	15 54	1 5	22 26	0 14	0 10	2 51	19 39	0 41	19 5	1 15	9 28	14 36	22 43	22 40	16 16		n.a.
W10	8 46	2 51	4 40	16 4	1 57	21 8	0 43	15 59	1 4	22 26	0 13	0 12	2 51	19 38	0 41	19 5	1 15	9 27	14 36	22 42	22 40	16 14		n.a.
T 11	8 23	2s21	4 12	15 33	1 58	21 1	0 38	16 5	1 3	22 27	0 13	0 14	2 51	19 38	0 41	19 6	1 15	9 26	14 36	22 40	22 39	16 11		n.a.
F 12	8 0	7 32	3 32	15 1	1 59	20 54	0 33	16 10	1 2	22 28	0 13	0 16	2 52	19 37	0 41	19 6	1 15	9 25	14 36	22 39	22 39	16 9		n.a.
S 13	7 37	12 30	2 42	14 27	1 59	20 46	0 28	16 16	1 0	22 29	0 13	0 18	2 52	19 36	0 41	19 6	1 15	9 23	14 35	22 38	22 39	16 7		n.a.
S 14	7 14	17 3	1 42	13 51	1 58	20 38	0 23	16 21	0 59	22 30	0 13	0 19	2 52	19 35	0 41	19 6	1 15	9 22	14 35	22 38	22 38	16 4		n.a.
M15	6 51	20 56	0 37	13 13	1 56	20 29	0 19	16 26	0 57	22 30	0 13	0 21	2 52	19 34	0 41	19 6	1 15	9 21	14 35	22 38	22 38	16 2		n.a.
T 16	6 28	23 52	0s33	12 35	1 54	20 19	0 14	16 31	0 56	22 31	0 13	0 23	2 52	19 34	0 41	19 7	1 15	9 20	14 34	22 38	22 37	16 0		n.a.
W17	6 4	25 30	1 43	11 55	1 52	20 9	0 9	16 35	0 54	22 32	0 13	0 25	2 52	19 33	0 41	19 7	1 15	9 19	14 34	22 38	22 37	15 58		n.a.
T 18	5 41	25 36	2 48	11 14	1 49	19 58	0 5	16 40	0 53	22 32	0 13	0 27	2 52	19 32	0 41	19 7	1 15	9 18	14 34	22 37	22 36	15 55		n.a.
F 19	5 17	23 59	3 46	10 33	1 45	19 47	0 0	16 44	0 51	22 33	0 13	0 29	2 52	19 31	0 41	19 7	1 15	9 17	14 34	22 37	22 36	15 53		n.a.
S 20	4 53	20 41	4 29	9 51	1 42	19 35	0n 4	16 48	0 50	22 33	0 13	0 31	2 53	19 30	0 41	19 8	1 15	9 16	14 33	22 36	22 36	15 51		n.a.
S 21	4 30	15 57	4 55	9 8	1 37	19 23	0 8	16 52	0 48	22 34	0 12	0 33	2 53	19 30	0 41	19 8	1 15	9 15	14 33	22 34	22 35	15 48		n.a.
M22	4 6	10 9	4 59	8 25	1 33	19 10	0 13	16 56	0 47	22 35	0 12	0 34	2 53	19 29	0 41	19 8	1 15	9 13	14 33	22 33	22 35	15 46		n.a.
T 23	3 42	3 47	4 43	7 41	1 28	18 56	0 17	16 59	0 45	22 35	0 12	0 36	2 53	19 28	0 41	19 8	1 15	9 12	14 33	22 31	22 34	15 44		n.a.
W24	3 18	2n43	4 7	6 57	1 23	18 42	0 21	17 3	0 43	22 36	0 12	0 38	2 53	19 27	0 41	19 9	1 14	9 11	14 33	22 30	22 34	15 41		n.a.
T 25	2 53	8 55	3 15	6 12	1 18	18 27	0 25	17 6	0 42	22 36	0 12	0 40	2 53	19 27	0 41	19 9	1 14	9 10	14 32	22 29	22 34	15 39		n.a.
F 26	2 29	14 28	2 13	5 28	1 12	18 12	0 29	17 9	0 40	22 36	0 12	0 42	2 53	19 26	0 41	19 9	1 14	9 9	14 32	22 28	22 33	15 37		n.a.
S 27	2 5	19 6	1 6	4 43	1 7	17 56	0 33	17 12	0 38	22 37	0 12	0 44	2 53	19 25	0 41	19 10	1 14	9 8	14 32	22 28	22 33	15 34		n.a.
S 28	1 41	22 37	0n 3	3 58	1 1	17 39	0 37	17 15	0 36	22 37	0 12	0 46	2 53	19 25	0 42	19 10	1 14	9 7	14 32	22 28	22 32	15 32		n.a.
M29	1 16	24 52	1 10	3 13	0 55	17 22	0 40	17 17	0 34	22 38	0 12	0 48	2 53	19 24	0 42	19 10	1 14	9 6	14 32	22 28	22 32	15 30		n.a.
T 30	0n52	25n50	2n12	2n27	0n49	17n 5	0n44	17n20	0s32	22n38	0s12	0s50	2s53	19n23	0n42	19s11	1n14	9n 5	14n31	22n28	22n31	15n27		n.a.

Julian Day Number = 1364817.5, Delta T = 06h55m47s
Ecliptic obliquity = 23°48'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°33'17, Lahiri = -17°26'16 Julian Calendar 1 Sept. 977 BCE == Greg. Calendar 23 Aug. 977 BCE

The year -976 astronomical counting style corresponds to year 977 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 977 BCE
geocentric

OCTOBER 977 BCE (-976) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 1 56	28♍51'20	19♋ 2	27♍23	16♌52	19♉23	13♊57	4°R24	7♌25	29♏38	10♎36	11°R 7	11♊31	2♍39	n.a.	W 1
T 2	0 5 52	29°51'48	1♌ 0	29° 0	18° 2	19°R24	13°59	4♈19	7°27	29°40	10°38	11♊ 2	11°28	2°46	n.a.	T 2
F 3	0 9 49	0♎52'17	12°52	0♎37	19°12	19°23	14° 0	4°14	7°30	29°41	10°41	10°55	11°25	2°53	n.a.	F 3
S 4	0 13 45	1°52'49	24°42	2°14	20°23	19°21	14° 2	4° 9	7°33	29°42	10°43	10°45	11°21	2°59	n.a.	S 4
S 5	0 17 42	2°53'22	6♍34	3°50	21°34	19°19	14° 3	4° 4	7°35	29°44	10°46	10°34	11°18	3° 6	n.a.	S 5
M 6	0 21 38	3°53'57	18°29	5°26	22°45	19°15	14° 4	3°59	7°38	29°45	10°48	10°20	11°15	3°13	n.a.	M 6
T 7	0 25 35	4°54'34	0♎29	7° 2	23°56	19°11	14° 4	3°54	7°40	29°47	10°50	10° 7	11°12	3°20	n.a.	T 7
W 8	0 29 31	5°55'12	12°36	8°37	25° 7	19° 6	14° 5	3°49	7°43	29°48	10°53	9°55	11° 9	3°26	n.a.	W 8
T 9	0 33 28	6°55'52	24°49	10°12	26°18	19° 0	14° 5	3°44	7°45	29°50	10°55	9°45	11° 6	3°33	n.a.	T 9
F 10	0 37 25	7°56'34	7♏11	11°47	27°30	18°53	14°R 6	3°39	7°47	29°51	10°58	9°38	11° 2	3°40	n.a.	F 10
S 11	0 41 21	8°57'17	19°42	13°21	28°41	18°45	14° 6	3°34	7°50	29°53	11° 0	9°33	10°59	3°46	n.a.	S 11
S 12	0 45 18	9°58'02	2♐24	14°55	29°53	18°37	14° 5	3°29	7°52	29°55	11° 3	9°31	10°56	3°53	n.a.	S 12
M13	0 49 14	10°58'48	15°20	16°29	1♍ 5	18°27	14° 5	3°25	7°54	29°56	11° 5	9°D31	10°53	4° 0	n.a.	M13
T 14	0 53 11	11°59'35	28°31	18° 3	2°17	18°17	14° 4	3°20	7°56	29°58	11° 7	9°32	10°50	4° 7	n.a.	T 14
W15	0 57 7	13° 0'23	12♑ 2	19°37	3°29	18° 6	14° 3	3°15	7°58	29°59	11°10	9°R32	10°46	4°13	n.a.	W15
T 16	1 1 4	14° 1'13	25°54	21°10	4°41	17°54	14° 2	3°10	8° 0	0♐ 1	11°12	9°31	10°43	4°20	n.a.	T 16
F 17	1 5 0	15° 2'03	10♒ 7	22°43	5°53	17°41	14° 1	3° 5	8° 2	0° 3	11°15	9°29	10°40	4°27	n.a.	F 17
S 18	1 8 57	16° 2'55	24°40	24°16	7° 5	17°28	14° 0	3° 1	8° 4	0° 5	11°17	9°24	10°37	4°33	n.a.	S 18
S 19	1 12 54	17° 3'47	9♓29	25°49	8°18	17°13	13°58	2°56	8° 6	0° 6	11°20	9°17	10°34	4°40	n.a.	S 19
M20	1 16 50	18° 4'41	24°27	27°22	9°30	16°58	13°56	2°51	8° 8	0° 8	11°22	9° 9	10°31	4°47	n.a.	M20
T 21	1 20 47	19° 5'36	9♈26	28°54	10°43	16°42	13°54	2°46	8°10	0°10	11°24	9° 1	10°27	4°54	n.a.	T 21
W22	1 24 43	20° 6'32	24°15	0♏27	11°55	16°25	13°52	2°42	8°12	0°12	11°27	8°53	10°24	5° 0	n.a.	W22
T 23	1 28 40	21° 7'29	8♉47	1°59	13° 8	16° 8	13°50	2°37	8°13	0°14	11°29	8°48	10°21	5° 7	n.a.	T 23
F 24	1 32 36	22° 8'27	22°55	3°31	14°21	15°50	13°47	2°33	8°15	0°16	11°32	8°44	10°18	5°14	n.a.	F 24
S 25	1 36 33	23° 9'27	6♊37	5° 3	15°34	15°31	13°44	2°28	8°17	0°17	11°34	8°D43	10°15	5°21	n.a.	S 25
S 26	1 40 29	24°10'29	19°51	6°35	16°47	15°12	13°41	2°24	8°18	0°19	11°36	8°44	10°12	5°27	n.a.	S 26
M27	1 44 26	25°11'31	2♋41	8° 6	18° 0	14°52	13°38	2°20	8°20	0°21	11°39	8°45	10° 8	5°34	n.a.	M27
T 28	1 48 23	26°12'35	15° 9	9°37	19°13	14°32	13°35	2°15	8°21	0°23	11°41	8°46	10° 5	5°41	n.a.	T 28
W29	1 52 19	27°13'40	27°21	11° 8	20°26	14°11	13°31	2°11	8°23	0°25	11°44	8°R47	10° 2	5°47	n.a.	W29
T 30	1 56 16	28°14'47	9♌21	12°39	21°39	13°49	13°27	2° 7	8°24	0°27	11°46	8°46	9°59	5°54	n.a.	T 30
F 31	2 0 12	29♎15'54	21♌14	14♏10	22♍53	13♉27	13♊24	2♈ 3	8♌25	0♐29	11♎48	8♊44	9♊56	6♍ 1	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	0n28	25n31	3n 6	1n42	0n42	16n47	0n47	17n22	0s30	22n38	0s12	0s52	2s53	19n23	0n42	19s11	1n14	9n 4	14n31	22n27	22n31	15n25			n.a.
T 2	0 3	24 1	3 52	0 57	0 36	16 28	0 51	17 24	0 28	22 39	0 11	0 54	2 53	19 22	0 42	19 11	1 14	9 3	14 31	22 27	22 30	15 23			n.a.
F 3	0s21	21 28	4 27	0 12	0 30	16 9	0 54	17 25	0 26	22 39	0 11	0 56	2 53	19 21	0 42	19 12	1 14	9 2	14 31	22 26	22 30	15 20			n.a.
S 4	0 46	18 2	4 50	0s33	0 23	15 50	0 58	17 27	0 24	22 39	0 11	0 58	2 53	19 21	0 42	19 12	1 14	9 0	14 31	22 24	22 30	15 18			n.a.
S 5	1 10	13 53	5 1	1 18	0 17	15 30	1 1	17 28	0 22	22 39	0 11	1 0	2 53	19 20	0 42	19 12	1 14	8 59	14 31	22 23	22 29	15 15			n.a.
M 6	1 34	9 11	4 59	2 2	0 10	15 9	1 4	17 29	0 20	22 40	0 11	1 2	2 53	19 19	0 42	19 13	1 14	8 58	14 31	22 21	22 29	15 13			n.a.
T 7	1 59	4 7	4 43	2 46	0 4	14 48	1 7	17 30	0 18	22 40	0 11	1 4	2 53	19 19	0 42	19 13	1 14	8 57	14 30	22 19	22 28	15 11			n.a.
W 8	2 23	1s 9	4 15	3 31	0s 3	14 27	1 10	17 31	0 16	22 40	0 11	1 6	2 53	19 18	0 42	19 13	1 14	8 56	14 30	22 17	22 28	15 8			n.a.
T 9	2 48	6 26	3 34	4 15	0 9	14 5	1 13	17 31	0 14	22 40	0 11	1 8	2 53	19 18	0 42	19 14	1 14	8 55	14 30	22 16	22 27	15 6			n.a.
F 10	3 12	11 33	2 43	4 58	0 16	13 42	1 15	17 32	0 11	22 40	0 11	1 10	2 53	19 17	0 42	19 14	1 14	8 54	14 30	22 14	22 27	15 3			n.a.
S 11	3 36	16 16	1 44	5 42	0 22	13 20	1 18	17 32	0 9	22 40	0 11	1 12	2 53	19 16	0 42	19 14	1 14	8 53	14 30	22 14	22 26	15 1			n.a.
S 12	4 0	20 21	0 38	6 25	0 29	12 57	1 21	17 31	0 7	22 41	0 10	1 14	2 53	19 16	0 42	19 15	1 14	8 52	14 30	22 13	22 26	14 59			n.a.
M13	4 25	23 30	0s31	7 7	0 35	12 33	1 23	17 31	0 4	22 41	0 10	1 16	2 53	19 15	0 42	19 15	1 14	8 51	14 30	22 13	22 26	14 56			n.a.
T 14	4 49	25 28	1 40	7 49	0 41	12 9	1 26	17 30	0 2	22 41	0 10	1 18	2 53	19 15	0 42	19 16	1 14	8 50	14 30	22 13	22 25	14 54			n.a.
W15	5 13	26 0	2 45	8 31	0 48	11 45	1 28	17 30	0n 0	22 41	0 10	1 19	2 53	19 14	0 42	19 16	1 14	8 49	14 30	22 14	22 25	14 51			n.a.
T 16	5 37	24 56	3 42	9 13	0 54	11 20	1 30	17 29	0 3	22 41	0 10	1 21	2 53	19 14	0 42	19 16	1 14	8 48	14 30	22 13	22 24	14 49			n.a.
F 17	6 1	22 16	4 27	9 54	1 0	10 55	1 32	17 27	0 5	22 41	0 10	1 23	2 53	19 13	0 42	19 17	1 13	8 47	14 30	22 13	22 24	14 47			n.a.
S 18	6 25	18 8	4 56	10 34	1 6	10 30	1 34	17 26	0 8	22 41	0 10	1 25	2 52	19 13	0 42	19 17	1 13	8 46	14 30	22 12	22 23	14 44			n.a.
S 19	6 48	12 51	5 6	11 14	1 12	10 4	1 36	17 24	0 10	22 40	0 10	1 27	2 52	19 12	0 42	19 18	1 13	8 45	14 30	22 11	22 23	14 42			n.a.
M20	7 12	6 44	4 55	11 54	1 17	9 38	1 38	17 22	0 13	22 40	0 10	1 29	2 52	19 12	0 42	19 18	1 13	8 44	14 30	22 10	22 22	14 39			n.a.
T 21	7 35	0 15	4 24	12 33	1 23	9 12	1 39	17 20	0 15	22 40	0 9	1 30	2 52	19 11	0 42	19 19	1 13	8 44	14 30	22 9	22 22	14 37			n.a.
W22	7 59	6n12	3 36	13 11	1 28	8 45	1 41	17 18	0 18	22 40	0 9	1 32	2 52	19 11	0 42	19 19	1 13	8 43	14 30	22 8	22 21	14 34			n.a.
T 23	8 22	12 13	2 34	13 48	1 34	8 18	1 43	17 15	0 21	22 40	0 9	1 34	2 52	19 11	0 42	19 19	1 13	8 42	14 30	22 7	22 21	14 32			n.a.
F 24	8 45	17 26	1 24	14 25	1 39	7 51	1 44	17 12	0 23	22 40	0 9	1 35	2 52	19 10	0 43	19 20	1 13	8 41	14 30	22 6	22 20	14 29			n.a.
S 25	9 8	21 34	0 11	15 2	1 43	7 23	1 45	17 9	0 26	22 39	0 9	1 37	2 52	19 10	0 43	19 20	1 13	8 40	14 30	22 6	22 20	14 27			n.a.
S 26	9 31	24 25	1n 0	15 37	1 48	6 56	1 47	17 6	0 29	22 39	0 9	1 39	2 51	19 9	0 43	19 21	1 13	8 39	14 30	22 6	22 19	14 24			n.a.
M27	9 54	25 53	2 6	16 12	1 52	6 28	1 48	17 3	0 31	22 39	0 9	1 40	2 51	19 9	0 43	19 21	1 13	8 38	14 30	22 6	22 19	14 22			n.a.
T 28	10 16	25 59	3 4	16 45	1 56	6 0	1 49	16 59	0 34	22 39	0 9	1 42	2 51	19 9	0 43	19 22	1 13	8 37	14 30	22 7	22 19	14 20			n.a.
W29	10 39	24 49	3 53	17 18	2 0	5 31	1 50	16 55	0 36	22 38	0 8	1 44	2 51	19 8	0 43	19 22	1 13	8 36	14 30	22 7	22 18	14 17			n.a.
T 30	11 1	22 32	4 30	17 50	2 4	5 3	1 51	16 51	0 39	22 38	0 8	1 45	2 51	19 8	0 43	19 22	1 13	8 36	14 30	22 6	22 18	14 15			n.a.
F 31	11s23	19n18	4n56	18s21	2s 7	4n34	1n51	16n47	0n42	22n38	0s 8	1s47	2s51	19n 8	0n43	19s23	1n13	8n35	14n30	22n 6	22n17	14n12			n.a.

Julian Day Number = 1364847.5, Delta T = 06h55m46s
Ecliptic obliquity = 23°48'46, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°33'13, Lahiri = -17°26'12 Julian Calendar 1 Oct. 977 BCE == Greg. Calendar 22 Sept. 977 BCE

The year -976 astronomical counting style corresponds to year 977 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 977 BCE
geocentric

NOVEMBER 977 BCE (-976) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 4 9	0♏17'03	3♍ 5	15♏40	24♍ 6	13°R 5	13°R19	1°R59	8♌27	0♐31	11♎51	8°R39	9♊52	6♍ 8	n.a.	S 1
S 2	2 8 5	1°18'13	14°58	17° 9	25°20	12♉42	13♊15	1♈55	8°28	0°33	11°53	8♊33	9°49	6°14	n.a.	S 2
M 3	2 12 2	2°19'23	26°56	18°38	26°33	12°19	13°11	1°51	8°29	0°35	11°55	8°27	9°46	6°21	n.a.	M 3
T 4	2 15 58	3°20'35	9♎ 3	20° 6	27°47	11°56	13° 6	1°47	8°30	0°37	11°57	8°20	9°43	6°28	n.a.	T 4
W 5	2 19 55	4°21'47	21°19	21°34	29° 1	11°32	13° 1	1°43	8°31	0°39	12° 0	8°13	9°40	6°35	n.a.	W 5
T 6	2 23 52	5°23'01	3♏46	23° 1	0♎14	11° 8	12°56	1°40	8°32	0°41	12° 2	8° 8	9°37	6°41	n.a.	T 6
F 7	2 27 48	6°24'15	16°25	24°26	1°28	10°45	12°51	1°36	8°33	0°44	12° 4	8° 4	9°33	6°48	n.a.	F 7
S 8	2 31 45	7°25'29	29°15	25°50	2°42	10°21	12°46	1°33	8°34	0°46	12° 7	8° 3	9°30	6°55	n.a.	S 8
S 9	2 35 41	8°26'44	12♐17	27°12	3°56	9°57	12°40	1°29	8°35	0°48	12° 9	8°D 2	9°27	7° 1	n.a.	S 9
M10	2 39 38	9°28'00	25°32	28°33	5°10	9°33	12°35	1°26	8°35	0°50	12°11	8° 3	9°24	7° 8	n.a.	M10
T 11	2 43 34	10°29'16	8♑58	29°51	6°24	9° 9	12°29	1°23	8°36	0°52	12°13	8° 5	9°21	7°15	n.a.	T 11
W12	2 47 31	11°30'32	22°38	1♐ 7	7°38	8°46	12°23	1°19	8°37	0°54	12°15	8° 6	9°17	7°22	n.a.	W12
T 13	2 51 28	12°31'48	6♒30	2°20	8°52	8°23	12°17	1°16	8°37	0°56	12°18	8°R 7	9°14	7°28	n.a.	T 13
F 14	2 55 24	13°33'04	20°35	3°29	10° 6	7°59	12°11	1°13	8°38	0°59	12°20	8° 7	9°11	7°35	n.a.	F 14
S 15	2 59 21	14°34'21	4♓51	4°35	11°20	7°37	12° 4	1°10	8°38	1° 1	12°22	8° 6	9° 8	7°42	n.a.	S 15
S 16	3 3 17	15°35'37	19°16	5°35	12°34	7°14	11°58	1° 8	8°39	1° 3	12°24	8° 4	9° 5	7°49	n.a.	S 16
M17	3 7 14	16°36'53	3♈45	6°30	13°48	6°52	11°51	1° 5	8°39	1° 5	12°26	8° 1	9° 2	7°55	n.a.	M17
T 18	3 11 10	17°38'09	18°15	7°19	15° 2	6°30	11°44	1° 2	8°39	1° 7	12°28	7°58	8°58	8° 2	n.a.	T 18
W19	3 15 7	18°39'25	2♉38	8° 1	16°17	6° 9	11°38	1° 0	8°40	1°10	12°30	7°55	8°55	8° 9	n.a.	W19
T 20	3 19 3	19°40'41	16°49	8°34	17°31	5°48	11°31	0°57	8°40	1°12	12°32	7°53	8°52	8°15	n.a.	T 20
F 21	3 23 0	20°41'58	0♊44	8°59	18°45	5°28	11°23	0°55	8°40	1°14	12°34	7°52	8°49	8°22	n.a.	F 21
S 22	3 26 57	21°43'14	14°19	9°14	20° 0	5° 9	11°16	0°53	8°40	1°16	12°36	7°D52	8°46	8°29	n.a.	S 22
S 23	3 30 53	22°44'31	27°32	9°R19	21°14	4°49	11° 9	0°51	8°R40	1°19	12°38	7°53	8°43	8°36	n.a.	S 23
M24	3 34 50	23°45'48	10♋23	9°12	22°28	4°31	11° 2	0°49	8°40	1°21	12°40	7°54	8°39	8°42	n.a.	M24
T 25	3 38 46	24°47'05	22°55	8°54	23°43	4°13	10°54	0°47	8°40	1°23	12°42	7°56	8°36	8°49	n.a.	T 25
W26	3 42 43	25°48'22	5♌11	8°23	24°57	3°56	10°47	0°45	8°40	1°25	12°44	7°57	8°33	8°56	n.a.	W26
T 27	3 46 39	26°49'39	17°14	7°41	26°12	3°40	10°39	0°44	8°39	1°28	12°46	7°57	8°30	9° 2	n.a.	T 27
F 28	3 50 36	27°50'56	29° 9	6°49	27°26	3°24	10°31	0°42	8°39	1°30	12°48	7°R58	8°27	9° 9	n.a.	F 28
S 29	3 54 33	28°52'14	11♍ 1	5°46	28°41	3° 9	10°24	0°41	8°39	1°32	12°50	7°57	8°23	9°16	n.a.	S 29
S 30	3 58 29	29♏53'31	22♍55	4♐36	29♎55	2♉55	10♊16	0♈39	8♌38	1♐35	12♎52	7♊57	8♊20	9♍23	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s45	15n19	5n 9	18s51	2s10	4n 5	1n52	16n43	0n44	22n37	0s 8	1s48	2s50	19n 7	0n43	19s23	1n13	8n34	14n30	22n 5	22n17	14n10		n.a.
S 2	12 7	10 44	5 8	19 20	2 12	3 36	1 53	16 38	0 47	22 37	0 8	1 49	2 50	19 7	0 43	19 24	1 13	8 33	14 30	22 4	22 16	14 7		n.a.
M 3	12 28	5 43	4 54	19 47	2 14	3 7	1 53	16 33	0 50	22 36	0 8	1 51	2 50	19 7	0 43	19 24	1 13	8 32	14 31	22 3	22 16	14 5		n.a.
T 4	12 49	0 27	4 27	20 14	2 16	2 37	1 53	16 29	0 52	22 36	0 8	1 52	2 50	19 7	0 43	19 25	1 13	8 32	14 31	22 2	22 15	14 2		n.a.
W 5	13 10	4s56	3 47	20 39	2 17	2 8	1 54	16 24	0 55	22 35	0 8	1 54	2 50	19 6	0 43	19 25	1 13	8 31	14 31	22 1	22 15	14 0		n.a.
T 6	13 31	10 13	2 56	21 2	2 18	1 38	1 54	16 19	0 57	22 35	0 7	1 55	2 49	19 6	0 43	19 26	1 13	8 30	14 31	22 0	22 14	13 57		n.a.
F 7	13 52	15 10	1 55	21 24	2 18	1 9	1 54	16 13	1 0	22 34	0 7	1 56	2 49	19 6	0 43	19 26	1 13	8 29	14 31	22 0	22 14	13 55		n.a.
S 8	14 12	19 31	0 48	21 44	2 18	0 39	1 54	16 8	1 2	22 34	0 7	1 57	2 49	19 6	0 43	19 27	1 13	8 29	14 31	21 59	22 13	13 52		n.a.
S 9	14 32	23 0	0s23	22 3	2 16	0 9	1 54	16 3	1 5	22 33	0 7	1 58	2 49	19 6	0 43	19 27	1 13	8 28	14 31	21 59	22 13	13 49		n.a.
M10	14 52	25 19	1 34	22 20	2 15	0s21	1 54	15 57	1 7	22 33	0 7	2 0	2 49	19 5	0 43	19 28	1 13	8 27	14 32	22 0	22 12	13 47		n.a.
T 11	15 12	26 11	2 42	22 35	2 12	0 51	1 54	15 52	1 9	22 32	0 7	2 1	2 48	19 5	0 43	19 28	1 13	8 26	14 32	22 0	22 12	13 44		n.a.
W12	15 31	25 30	3 41	22 48	2 9	1 21	1 53	15 46	1 12	22 31	0 7	2 2	2 48	19 5	0 43	19 28	1 13	8 26	14 32	22 0	22 11	13 42		n.a.
T 13	15 50	23 15	4 28	22 59	2 5	1 51	1 53	15 41	1 14	22 31	0 6	2 3	2 48	19 5	0 43	19 29	1 13	8 25	14 32	22 0	22 11	13 39		n.a.
F 14	16 9	19 35	5 0	23 8	2 0	2 20	1 52	15 35	1 16	22 30	0 6	2 4	2 48	19 5	0 43	19 29	1 13	8 24	14 32	22 0	22 10	13 37		n.a.
S 15	16 28	14 44	5 14	23 15	1 53	2 50	1 52	15 30	1 18	22 29	0 6	2 5	2 47	19 5	0 43	19 30	1 13	8 24	14 32	22 0	22 10	13 34		n.a.
S 16	16 46	9 2	5 8	23 19	1 46	3 20	1 51	15 24	1 20	22 29	0 6	2 6	2 47	19 5	0 44	19 30	1 13	8 23	14 33	22 0	22 9	13 32		n.a.
M17	17 4	2 48	4 43	23 20	1 38	3 50	1 50	15 19	1 23	22 28	0 6	2 6	2 47	19 5	0 44	19 31	1 13	8 22	14 33	21 59	22 9	13 29		n.a.
T 18	17 21	3n34	4 0	23 19	1 28	4 20	1 50	15 14	1 25	22 27	0 6	2 7	2 47	19 5	0 44	19 31	1 13	8 22	14 33	21 59	22 8	13 27		n.a.
W19	17 39	9 44	3 2	23 16	1 17	4 50	1 49	15 8	1 27	22 26	0 6	2 8	2 46	19 5	0 44	19 32	1 13	8 21	14 33	21 58	22 8	13 24		n.a.
T 20	17 56	15 19	1 54	23 9	1 5	5 19	1 48	15 3	1 29	22 25	0 5	2 9	2 46	19 5	0 44	19 32	1 12	8 21	14 34	21 58	22 7	13 21		n.a.
F 21	18 12	19 59	0 39	23 0	0 52	5 49	1 47	14 58	1 30	22 25	0 5	2 9	2 46	19 5	0 44	19 33	1 12	8 20	14 34	21 58	22 7	13 19		n.a.
S 22	18 29	23 28	0n36	22 47	0 37	6 19	1 46	14 53	1 32	22 24	0 5	2 10	2 46	19 5	0 44	19 33	1 12	8 20	14 34	21 58	22 6	13 16		n.a.
S 23	18 45	25 34	1 47	22 32	0 21	6 48	1 44	14 48	1 34	22 23	0 5	2 11	2 45	19 5	0 44	19 34	1 12	8 19	14 34	21 58	22 6	13 14		n.a.
M24	19 0	26 14	2 50	22 14	0 4	7 17	1 43	14 43	1 36	22 22	0 5	2 11	2 45	19 5	0 44	19 34	1 12	8 19	14 35	21 58	22 5	13 11		n.a.
T 25	19 16	25 31	3 44	21 53	0n15	7 46	1 42	14 39	1 37	22 21	0 5	2 12	2 45	19 5	0 44	19 35	1 12	8 18	14 35	21 58	22 5	13 8		n.a.
W26	19 31	23 34	4 26	21 29	0 34	8 15	1 40	14 34	1 39	22 20	0 5	2 12	2 44	19 5	0 44	19 35	1 12	8 18	14 35	21 58	22 4	13 6		n.a.
T 27	19 45	20 36	4 56	21 3	0 54	8 44	1 39	14 30	1 40	22 19	0 4	2 13	2 44	19 5	0 44	19 36	1 12	8 17	14 35	21 59	22 4	13 3		n.a.
F 28	19 59	16 49	5 13	20 34	1 14	9 12	1 38	14 26	1 42	22 18	0 4	2 13	2 44	19 5	0 44	19 36	1 12	8 17	14 36	21 59	22 3	13 1		n.a.
S 29	20 13	12 24	5 16	20 4	1 34	9 41	1 36	14 22	1 43	22 17	0 4	2 13	2 44	19 5	0 44	19 37	1 12	8 16	14 36	21 59	22 3	12 58		n.a.
S 30	20s27	7n31	5n 6	19s33	1n53	10s 9	1n34	14n18	1n45	22n16	0s 4	2s14	2s43	19n 6	0n44	19s37	1n12	8n16	14n36	21n58	22n 2	12n55		n.a.

Julian Day Number = 1364878.5, Delta T = 06h55m44s
Ecliptic obliquity = 23°48'46, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°33'09, Lahiri = -17°26'08 Julian Calendar 1 Nov. 977 BCE == Greg. Calendar 23 Oct. 977 BCE

The year -976 astronomical counting style corresponds to year 977 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 977 BCE
geocentric

DECEMBER 977 BCE (-976) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 2 26	0♐54'48	4♎55	3°R20	1♏10	2°R41	10°R 8	0°R38	8°R38	1♐37	12♎53	7°R56	8♊17	9♍29	n.a.	M 1
T 2	4 6 22	1°56'05	17° 5	2♐ 0	2°24	2♉29	10♊ 0	0♈37	8♌38	1°39	12°55	7♊55	8°14	9°36	n.a.	T 2
W 3	4 10 19	2°57'22	29°28	0°40	3°39	2°17	9°52	0°36	8°37	1°41	12°57	7°54	8°11	9°43	n.a.	W 3
T 4	4 14 15	3°58'38	12♏ 6	29♏22	4°53	2° 6	9°44	0°35	8°36	1°44	12°59	7°54	8° 8	9°50	n.a.	T 4
F 5	4 18 12	4°59'54	25° 1	28° 8	6° 8	1°55	9°36	0°34	8°36	1°46	13° 0	7°53	8° 4	9°56	n.a.	F 5
S 6	4 22 8	6° 1'10	8♐13	27° 0	7°23	1°46	9°28	0°34	8°35	1°48	13° 2	7°D53	8° 1	10° 3	n.a.	S 6
S 7	4 26 5	7° 2'26	21°41	25°59	8°37	1°37	9°20	0°33	8°34	1°50	13° 4	7°53	7°58	10°10	n.a.	S 7
M 8	4 30 2	8° 3'40	5♑22	25° 7	9°52	1°30	9°12	0°33	8°33	1°53	13° 5	7°R53	7°55	10°16	n.a.	M 8
T 9	4 33 58	9° 4'54	19°16	24°25	11° 7	1°23	9° 4	0°32	8°33	1°55	13° 7	7°53	7°52	10°23	n.a.	T 9
W10	4 37 55	10° 6'07	3♒18	23°52	12°21	1°17	8°56	0°32	8°32	1°57	13° 9	7°53	7°49	10°30	n.a.	W10
T 11	4 41 51	11° 7'19	17°25	23°29	13°36	1°11	8°47	0°D32	8°31	1°59	13°10	7°53	7°45	10°37	n.a.	T 11
F 12	4 45 48	12° 8'30	1♓36	23°15	14°50	1° 7	8°39	0°32	8°30	2° 2	13°12	7°52	7°42	10°43	n.a.	F 12
S 13	4 49 44	13° 9'40	15°48	23°D10	16° 5	1° 3	8°31	0°32	8°29	2° 4	13°13	7°D52	7°39	10°50	n.a.	S 13
S 14	4 53 41	14°10'49	29°58	23°14	17°20	1° 0	8°23	0°32	8°27	2° 6	13°15	7°53	7°36	10°57	n.a.	S 14
M15	4 57 37	15°11'56	14♈ 4	23°25	18°34	0°58	8°15	0°33	8°26	2° 8	13°16	7°53	7°33	11° 4	n.a.	M15
T 16	5 1 34	16°13'02	28° 5	23°43	19°49	0°57	8° 7	0°33	8°25	2°11	13°17	7°54	7°29	11°10	n.a.	T 16
W17	5 5 31	17°14'08	11♉58	24° 8	21° 4	0°D56	8° 0	0°34	8°24	2°13	13°19	7°55	7°26	11°17	n.a.	W17
T 18	5 9 27	18°15'12	25°40	24°38	22°18	0°56	7°52	0°35	8°22	2°15	13°20	7°55	7°23	11°24	n.a.	T 18
F 19	5 13 24	19°16'15	9♊10	25°14	23°33	0°57	7°44	0°35	8°21	2°17	13°21	7°R56	7°20	11°30	n.a.	F 19
S 20	5 17 20	20°17'17	22°26	25°55	24°48	0°59	7°36	0°36	8°20	2°20	13°23	7°55	7°17	11°37	n.a.	S 20
S 21	5 21 17	21°18'17	5♋26	26°41	26° 2	1° 2	7°28	0°38	8°18	2°22	13°24	7°54	7°14	11°44	n.a.	S 21
M22	5 25 13	22°19'17	18°10	27°30	27°17	1° 5	7°21	0°39	8°17	2°24	13°25	7°52	7°10	11°51	n.a.	M22
T 23	5 29 10	23°20'16	0♌40	28°23	28°32	1° 9	7°13	0°40	8°15	2°26	13°26	7°50	7° 7	11°57	n.a.	T 23
W24	5 33 7	24°21'14	12°55	29°20	29°46	1°13	7° 6	0°41	8°13	2°28	13°27	7°47	7° 4	12° 4	n.a.	W24
T 25	5 37 3	25°22'10	25° 0	0♐19	1♐ 1	1°18	6°59	0°43	8°12	2°30	13°28	7°45	7° 1	12°11	n.a.	T 25
F 26	5 41 0	26°23'06	6♍56	1°22	2°16	1°24	6°51	0°45	8°10	2°32	13°29	7°43	6°58	12°18	n.a.	F 26
S 27	5 44 56	27°24'01	18°48	2°26	3°30	1°31	6°44	0°46	8° 8	2°35	13°30	7°42	6°55	12°24	n.a.	S 27
S 28	5 48 53	28°24'54	0♎42	3°33	4°45	1°38	6°37	0°48	8° 7	2°37	13°31	7°D41	6°51	12°31	n.a.	S 28
M29	5 52 49	29°25'46	12°40	4°42	6° 0	1°46	6°30	0°50	8° 5	2°39	13°32	7°42	6°48	12°38	n.a.	M29
T 30	5 56 46	0♑26'38	24°49	5°53	7°14	1°55	6°23	0°52	8° 3	2°41	13°33	7°43	6°45	12°44	n.a.	T 30
W31	6 0 42	1♑27'28	7♏13	7♐ 6	8♐29	2♉ 4	6♊17	0♈54	8♌ 1	2♐43	13♎34	7♊45	6♊42	12♍51	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	20s40	2n19	4n42	19s 1	2n11	10s37	1n33	14n15	1n46	22n15	0s 4	2s14	2s43	19n 6	0n44	19s38	1n12	8n15	14n37	21n58	22n 2	12n53			n.a.
T 2	20 52	3s 2	4 6	18 29	2 27	11 5	1 31	14 12	1 47	22 14	0 4	2 14	2 43	19 6	0 44	19 38	1 12	8 15	14 37	21 58	22 1	12 50			n.a.
W 3	21 5	8 23	3 17	17 58	2 42	11 32	1 29	14 9	1 48	22 13	0 3	2 14	2 42	19 6	0 44	19 38	1 12	8 15	14 37	21 58	22 1	12 48			n.a.
T 4	21 16	13 31	2 18	17 30	2 54	11 59	1 27	14 6	1 49	22 12	0 3	2 14	2 42	19 6	0 44	19 39	1 12	8 14	14 37	21 58	22 0	12 45			n.a.
F 5	21 28	18 11	1 11	17 4	3 4	12 26	1 25	14 3	1 51	22 11	0 3	2 14	2 42	19 6	0 44	19 39	1 12	8 14	14 38	21 58	22 0	12 42			n.a.
S 6	21 39	22 3	0s 2	16 41	3 12	12 53	1 23	14 1	1 52	22 10	0 3	2 14	2 41	19 7	0 44	19 40	1 12	8 13	14 38	21 58	21 59	12 40			n.a.
S 7	21 49	24 48	1 16	16 22	3 17	13 19	1 21	13 59	1 53	22 9	0 3	2 14	2 41	19 7	0 44	19 40	1 12	8 13	14 38	21 58	21 59	12 37			n.a.
M 8	22 0	26 9	2 27	16 7	3 20	13 45	1 19	13 57	1 53	22 8	0 3	2 14	2 41	19 7	0 45	19 41	1 12	8 13	14 39	21 58	21 58	12 34			n.a.
T 9	22 9	25 52	3 30	15 56	3 21	14 10	1 17	13 55	1 54	22 7	0 3	2 14	2 41	19 7	0 45	19 41	1 12	8 13	14 39	21 58	21 58	12 32			n.a.
W10	22 19	23 57	4 21	15 49	3 20	14 36	1 15	13 54	1 55	22 6	0 2	2 14	2 40	19 8	0 45	19 42	1 12	8 12	14 40	21 58	21 57	12 29			n.a.
T 11	22 28	20 33	4 57	15 45	3 17	15 1	1 13	13 53	1 56	22 4	0 2	2 13	2 40	19 8	0 45	19 42	1 12	8 12	14 40	21 58	21 57	12 27			n.a.
F 12	22 36	15 57	5 15	15 46	3 13	15 25	1 10	13 52	1 57	22 3	0 2	2 13	2 40	19 8	0 45	19 43	1 12	8 12	14 40	21 58	21 56	12 24			n.a.
S 13	22 44	10 29	5 14	15 49	3 8	15 49	1 8	13 51	1 57	22 2	0 2	2 13	2 39	19 9	0 45	19 43	1 12	8 12	14 41	21 58	21 56	12 21			n.a.
S 14	22 51	4 29	4 54	15 56	3 2	16 13	1 6	13 51	1 58	22 1	0 2	2 12	2 39	19 9	0 45	19 44	1 12	8 11	14 41	21 58	21 55	12 19			n.a.
M15	22 59	1n43	4 16	16 6	2 55	16 36	1 4	13 50	1 59	22 0	0 2	2 12	2 39	19 9	0 45	19 44	1 12	8 11	14 41	21 58	21 55	12 16			n.a.
T 16	23 5	7 48	3 23	16 18	2 47	16 59	1 1	13 51	1 59	21 59	0 1	2 11	2 38	19 10	0 45	19 44	1 12	8 11	14 42	21 58	21 54	12 13			n.a.
W17	23 11	13 28	2 19	16 32	2 39	17 22	0 59	13 51	2 0	21 58	0 1	2 11	2 38	19 10	0 45	19 45	1 12	8 11	14 42	21 58	21 53	12 11			n.a.
T 18	23 17	18 23	1 7	16 47	2 31	17 43	0 56	13 51	2 0	21 57	0 1	2 10	2 38	19 11	0 45	19 45	1 12	8 11	14 43	21 58	21 53	12 8			n.a.
F 19	23 22	22 17	0n 7	17 5	2 22	18 5	0 54	13 52	2 1	21 55	0 1	2 10	2 37	19 11	0 45	19 46	1 12	8 10	14 43	21 58	21 52	12 5			n.a.
S 20	23 27	24 55	1 19	17 23	2 13	18 26	0 51	13 53	2 1	21 54	0 1	2 9	2 37	19 11	0 45	19 46	1 12	8 10	14 43	21 58	21 52	12 2			n.a.
S 21	23 31	26 8	2 26	17 43	2 3	18 46	0 49	13 55	2 2	21 53	0 1	2 8	2 37	19 12	0 45	19 47	1 12	8 10	14 44	21 58	21 51	12 0			n.a.
M22	23 35	25 56	3 24	18 4	1 54	19 6	0 46	13 56	2 2	21 52	0 1	2 8	2 37	19 12	0 45	19 47	1 12	8 10	14 44	21 58	21 51	11 57			n.a.
T 23	23 38	24 25	4 12	18 25	1 45	19 26	0 44	13 58	2 3	21 51	0 0	2 7	2 36	19 13	0 45	19 47	1 12	8 10	14 45	21 57	21 50	11 54			n.a.
W24	23 41	21 46	4 46	18 46	1 35	19 45	0 41	14 0	2 3	21 50	0 0	2 6	2 36	19 13	0 45	19 48	1 12	8 10	14 45	21 57	21 50	11 52			n.a.
T 25	23 44	18 12	5 7	19 9	1 26	20 3	0 39	14 2	2 3	21 49	0 0	2 5	2 36	19 14	0 45	19 48	1 12	8 10	14 45	21 57	21 49	11 49			n.a.
F 26	23 46	13 58	5 15	19 31	1 16	20 21	0 36	14 4	2 3	21 48	0n 0	2 4	2 35	19 14	0 45	19 49	1 12	8 10	14 46	21 56	21 49	11 46			n.a.
S 27	23 47	9 13	5 9	19 53	1 7	20 38	0 33	14 7	2 4	21 47	0 0	2 3	2 35	19 15	0 45	19 49	1 12	8 10	14 46	21 56	21 48	11 44			n.a.
S 28	23 48	4 9	4 50	20 15	0 57	20 55	0 31	14 10	2 4	21 46	0 0	2 2	2 35	19 15	0 45	19 50	1 12	8 10	14 47	21 56	21 48	11 41			n.a.
M29	23 49	1s 7	4 18	20 37	0 48	21 11	0 28	14 12	2 4	21 44	0 1	2 1	2 34	19 16	0 45	19 50	1 12	8 10	14 47	21 56	21 47	11 38			n.a.
T 30	23 49	6 26	3 35	20 59	0 39	21 26	0 26	14 16	2 4	21 43	0 1	2 0	2 34	19 16	0 45	19 50	1 12	8 10	14 47	21 56	21 46	11 35			n.a.
W31	23s48	11s37	2n40	21s20	0n30	21s41	0n23	14n19	2n 4	21n42	0n 1	1s59	2s34	19n17	0n45	19s51	1n12	8n10	14n48	21n57	21n46	11n33			n.a.

Julian Day Number = 1364908.5, Delta T = 06h55m43s
Ecliptic obliquity = 23°48'45, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°33'04, Lahiri = -17°26'04 Julian Calendar 1 Dec. 977 BCE == Greg. Calendar 22 Nov. 977 BCE

The year -976 astronomical counting style corresponds to year 977 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 976 BCE
geocentric

JANUARY 976 BCE (-975) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 4 39	2♑28'17	19♏56	8♐21	9♐44	2♉13	6°R10	0♈57	7°R59	2♐45	13♎35	7♊47	6♊39	12♍58	n.a.	T 1
F 2	6 8 36	3°29'05	3♐ 0	9°37	10°58	2°24	6♊ 4	0°59	7♌57	2°47	13°36	7°R48	6°35	13° 5	n.a.	F 2
S 3	6 12 32	4°29'51	16°27	10°55	12°13	2°35	5°57	1° 1	7°55	2°49	13°37	7°47	6°32	13°11	n.a.	S 3
S 4	6 16 29	5°30'36	0♑15	12°14	13°28	2°46	5°51	1° 4	7°53	2°51	13°38	7°46	6°29	13°18	n.a.	S 4
M 5	6 20 25	6°31'20	14°24	13°34	14°42	2°58	5°45	1° 7	7°51	2°53	13°38	7°43	6°26	13°25	n.a.	M 5
T 6	6 24 22	7°32'02	28°47	14°56	15°57	3°11	5°39	1°10	7°49	2°55	13°39	7°39	6°23	13°32	n.a.	T 6
W 7	6 28 18	8°32'42	13♒19	16°18	17°11	3°24	5°33	1°13	7°47	2°57	13°40	7°34	6°20	13°38	n.a.	W 7
T 8	6 32 15	9°33'20	27°53	17°42	18°26	3°38	5°28	1°16	7°44	2°59	13°40	7°29	6°16	13°45	n.a.	T 8
F 9	6 36 12	10°33'56	12♓24	19° 7	19°41	3°52	5°22	1°19	7°42	3° 1	13°41	7°26	6°13	13°52	n.a.	F 9
S 10	6 40 8	11°34'30	26°46	20°33	20°55	4° 6	5°17	1°22	7°40	3° 3	13°41	7°23	6°10	13°58	n.a.	S 10
S 11	6 44 5	12°35'03	10♈56	22° 0	22°10	4°21	5°12	1°25	7°38	3° 4	13°42	7°D22	6° 7	14° 5	n.a.	S 11
M12	6 48 1	13°35'33	24°53	23°29	23°24	4°37	5° 7	1°29	7°35	3° 6	13°42	7°23	6° 4	14°12	n.a.	M12
T 13	6 51 58	14°36'01	8♉35	24°58	24°39	4°53	5° 2	1°32	7°33	3° 8	13°43	7°24	6° 1	14°19	n.a.	T 13
W14	6 55 54	15°36'27	22° 4	26°28	25°54	5°10	4°57	1°36	7°31	3°10	13°43	7°25	5°57	14°25	n.a.	W14
T 15	6 59 51	16°36'51	5♊21	27°59	27° 8	5°27	4°53	1°40	7°28	3°12	13°44	7°R26	5°54	14°32	n.a.	T 15
F 16	7 3 47	17°37'13	18°25	29°31	28°23	5°44	4°49	1°43	7°26	3°13	13°44	7°26	5°51	14°39	n.a.	F 16
S 17	7 7 44	18°37'33	1♋18	1♑ 5	29°37	6° 2	4°45	1°47	7°24	3°15	13°44	7°23	5°48	14°45	n.a.	S 17
S 18	7 11 41	19°37'52	13°59	2°39	0♑52	6°20	4°41	1°51	7°21	3°17	13°44	7°19	5°45	14°52	n.a.	S 18
M19	7 15 37	20°38'08	26°30	4°14	2° 6	6°39	4°37	1°55	7°19	3°19	13°45	7°12	5°41	14°59	n.a.	M19
T 20	7 19 34	21°38'22	8♌50	5°50	3°21	6°57	4°33	2° 0	7°16	3°20	13°45	7° 4	5°38	15° 6	n.a.	T 20
W21	7 23 30	22°38'35	21° 0	7°27	4°35	7°17	4°30	2° 4	7°14	3°22	13°45	6°55	5°35	15°12	n.a.	W21
T 22	7 27 27	23°38'45	3♍ 2	9° 5	5°50	7°37	4°27	2° 8	7°11	3°24	13°45	6°46	5°32	15°19	n.a.	T 22
F 23	7 31 23	24°38'54	14°57	10°44	7° 4	7°57	4°24	2°13	7° 9	3°25	13°45	6°38	5°29	15°26	n.a.	F 23
S 24	7 35 20	25°39'01	26°49	12°25	8°19	8°17	4°21	2°17	7° 6	3°27	13°45	6°32	5°26	15°33	n.a.	S 24
S 25	7 39 16	26°39'06	8♎40	14° 6	9°33	8°38	4°18	2°22	7° 4	3°28	13°R45	6°28	5°22	15°39	n.a.	S 25
M26	7 43 13	27°39'09	20°37	15°48	10°48	8°59	4°16	2°27	7° 1	3°30	13°45	6°26	5°19	15°46	n.a.	M26
T 27	7 47 9	28°39'11	2♏43	17°32	12° 2	9°20	4°14	2°31	6°59	3°31	13°45	6°D26	5°16	15°53	n.a.	T 27
W28	7 51 6	29°39'11	15° 3	19°16	13°16	9°42	4°11	2°36	6°56	3°33	13°45	6°27	5°13	15°59	n.a.	W28
T 29	7 55 3	0♒39'09	27°43	21° 2	14°31	10° 4	4°10	2°41	6°53	3°34	13°45	6°28	5°10	16° 6	n.a.	T 29
F 30	7 58 59	1°39'05	10♐47	22°48	15°45	10°27	4° 8	2°46	6°51	3°36	13°45	6°R28	5° 7	16°13	n.a.	F 30
S 31	8 2 56	2♒39'00	24♐18	24♑36	17♑ 0	10♉49	4♊ 6	2♈51	6♌48	3♐37	13♎45	6♊26	5♊ 3	16♍20	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23s47	16s27	1n37	21s41	0n21	21s55	0n20	14n23	2n 5	21n41	0n 1	1s58	2s33	19n17	0n45	19s51	1n12	8n10	14n48	21n57	21n45	11n30			n.a.
F 2	23 46	20 39	0 26	22 2	0 13	22 9	0 18	14 26	2 5	21 40	0 1	1 56	2 33	19 18	0 45	19 52	1 12	8 10	14 49	21 57	21 45	11 27			n.a.
S 3	23 44	23 54	0s47	22 21	0 4	22 22	0 15	14 30	2 5	21 39	0 1	1 55	2 33	19 18	0 45	19 52	1 12	8 10	14 49	21 57	21 44	11 25			n.a.
S 4	23 42	25 49	2 0	22 40	0s 4	22 34	0 12	14 34	2 5	21 38	0 1	1 54	2 33	19 19	0 45	19 52	1 12	8 10	14 50	21 57	21 44	11 22			n.a.
M 5	23 39	26 7	3 7	22 59	0 12	22 46	0 10	14 39	2 5	21 38	0 2	1 52	2 32	19 19	0 46	19 53	1 12	8 11	14 50	21 56	21 43	11 19			n.a.
T 6	23 36	24 41	4 3	23 16	0 20	22 57	0 7	14 43	2 5	21 37	0 2	1 51	2 32	19 20	0 46	19 53	1 12	8 11	14 51	21 56	21 43	11 16			n.a.
W 7	23 32	21 37	4 44	23 33	0 27	23 7	0 4	14 48	2 5	21 36	0 2	1 49	2 32	19 21	0 46	19 53	1 12	8 11	14 51	21 55	21 42	11 14			n.a.
T 8	23 28	17 11	5 7	23 49	0 35	23 16	0 2	14 52	2 5	21 35	0 2	1 48	2 31	19 21	0 46	19 54	1 12	8 11	14 51	21 54	21 42	11 11			n.a.
F 9	23 23	11 47	5 11	24 3	0 42	23 25	0s 1	14 57	2 5	21 34	0 2	1 46	2 31	19 22	0 46	19 54	1 12	8 11	14 52	21 53	21 41	11 8			n.a.
S 10	23 18	5 47	4 54	24 17	0 49	23 33	0 3	15 2	2 5	21 33	0 2	1 45	2 31	19 22	0 46	19 55	1 12	8 11	14 52	21 53	21 40	11 5			n.a.
S 11	23 12	0n25	4 20	24 29	0 55	23 41	0 6	15 8	2 5	21 32	0 2	1 43	2 30	19 23	0 46	19 55	1 12	8 12	14 53	21 53	21 40	11 3			n.a.
M12	23 6	6 31	3 31	24 41	1 2	23 47	0 9	15 13	2 5	21 32	0 3	1 42	2 30	19 24	0 46	19 55	1 12	8 12	14 53	21 53	21 39	11 0			n.a.
T 13	23 0	12 13	2 30	24 51	1 8	23 53	0 11	15 18	2 5	21 31	0 3	1 40	2 30	19 24	0 46	19 56	1 12	8 12	14 54	21 53	21 39	10 57			n.a.
W14	22 53	17 14	1 23	25 0	1 14	23 58	0 14	15 24	2 5	21 30	0 3	1 38	2 30	19 25	0 46	19 56	1 13	8 12	14 54	21 53	21 38	10 54			n.a.
T 15	22 46	21 20	0 11	25 7	1 20	24 3	0 16	15 30	2 5	21 30	0 3	1 36	2 29	19 26	0 46	19 56	1 13	8 13	14 55	21 53	21 38	10 51			n.a.
F 16	22 38	24 17	0n59	25 14	1 25	24 7	0 19	15 35	2 5	21 29	0 3	1 35	2 29	19 26	0 46	19 57	1 13	8 13	14 55	21 53	21 37	10 49			n.a.
S 17	22 30	25 54	2 6	25 18	1 30	24 10	0 21	15 41	2 4	21 28	0 3	1 33	2 29	19 27	0 46	19 57	1 13	8 13	14 56	21 53	21 36	10 46			n.a.
S 18	22 21	26 8	3 5	25 22	1 35	24 12	0 23	15 47	2 4	21 28	0 3	1 31	2 28	19 27	0 46	19 57	1 13	8 14	14 56	21 52	21 36	10 43			n.a.
M19	22 12	25 0	3 54	25 24	1 39	24 14	0 26	15 54	2 4	21 27	0 4	1 29	2 28	19 28	0 46	19 57	1 13	8 14	14 56	21 51	21 35	10 40			n.a.
T 20	22 3	22 41	4 31	25 24	1 43	24 14	0 28	16 0	2 4	21 27	0 4	1 27	2 28	19 29	0 46	19 58	1 13	8 14	14 57	21 50	21 35	10 38			n.a.
W21	21 53	19 22	4 56	25 22	1 47	24 14	0 31	16 6	2 4	21 26	0 4	1 25	2 28	19 29	0 46	19 58	1 13	8 15	14 57	21 48	21 34	10 35			n.a.
T 22	21 42	15 18	5 6	25 20	1 50	24 14	0 33	16 13	2 4	21 26	0 4	1 23	2 27	19 30	0 46	19 58	1 13	8 15	14 58	21 47	21 34	10 32			n.a.
F 23	21 32	10 40	5 4	25 15	1 53	24 12	0 35	16 19	2 4	21 25	0 4	1 21	2 27	19 31	0 46	19 59	1 13	8 15	14 58	21 45	21 33	10 29			n.a.
S 24	21 21	5 41	4 48	25 9	1 56	24 10	0 37	16 26	2 4	21 25	0 4	1 19	2 27	19 31	0 46	19 59	1 13	8 16	14 59	21 44	21 33	10 26			n.a.
S 25	21 9	0 29	4 20	25 0	1 58	24 7	0 40	16 33	2 3	21 24	0 4	1 17	2 27	19 32	0 46	19 59	1 13	8 16	14 59	21 44	21 32	10 24			n.a.
M26	20 57	4s46	3 41	24 51	2 0	24 4	0 42	16 39	2 3	21 24	0 5	1 15	2 26	19 33	0 46	19 59	1 13	8 17	15 0	21 43	21 31	10 21			n.a.
T 27	20 45	9 56	2 51	24 39	2 1	23 59	0 44	16 46	2 3	21 24	0 5	1 13	2 26	19 33	0 46	20 0	1 13	8 17	15 0	21 43	21 31	10 18			n.a.
W28	20 32	14 49	1 52	24 25	2 2	23 54	0 46	16 53	2 3	21 24	0 5	1 10	2 26	19 34	0 46	20 0	1 13	8 17	15 0	21 43	21 30	10 15			n.a.
T 29	20 19	19 12	0 47	24 10	2 3	23 48	0 48	17 0	2 3	21 23	0 5	1 8	2 26	19 35	0 46	20 0	1 13	8 18	15 1	21 44	21 30	10 12			n.a.
F 30	20 6	22 48	0s23	23 52	2 3	23 42	0 50	17 7	2 2	21 23	0 5	1 6	2 25	19 35	0 46	20 1	1 13	8 18	15 1	21 44	21 29	10 9			n.a.
S 31	19s52	25s15	1s34	23s33	2s 3	23s34	0s52	17n14	2n 2	21n23	0n 5	1s 4	2s25	19n36	0n46	20s 1	1n13	8n19	15n 2	21n43	21n28	10n 7			n.a.

Julian Day Number = 1364939.5, Delta T = 06h55m41s
Ecliptic obliquity = 23°48'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°33'00, Lahiri = -17°26'00 Julian Calendar 1 Jan. 976 BCE == Greg. Calendar 23 Dec. 977 BCE

The year -975 astronomical counting style corresponds to year 976 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 976 BCE
geocentric

FEBRUARY 976 BCE (-975) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 6 52	3♒38'52	8♉16	26♉25	18♉14	11♉12	4°R 5	2♈57	6°R46	3♐38	13°R44	6°R23	5♊ 0	16♍26	n.a.	S 1
M 2	8 10 49	4°38'43	22°40	28°15	19°29	11°36	4♊ 4	3° 2	6♌43	3°40	13♎44	6♊16	4°57	16°33	n.a.	M 2
T 3	8 14 45	5°38'32	7♒25	0♒ 7	20°43	11°59	4° 3	3° 7	6°40	3°41	13°44	6° 8	4°54	16°40	n.a.	T 3
W 4	8 18 42	6°38'18	22°23	1°59	21°57	12°23	4° 2	3°13	6°38	3°42	13°43	5°59	4°51	16°46	n.a.	W 4
T 5	8 22 38	7°38'03	7♓24	3°52	23°12	12°47	4° 2	3°18	6°35	3°44	13°43	5°49	4°47	16°53	n.a.	T 5
F 6	8 26 35	8°37'44	22°20	5°47	24°26	13°12	4° 2	3°24	6°32	3°45	13°43	5°41	4°44	17° 0	n.a.	F 6
S 7	8 30 32	9°37'24	7♈ 1	7°43	25°41	13°36	4°D 2	3°29	6°30	3°46	13°42	5°35	4°41	17° 7	n.a.	S 7
S 8	8 34 28	10°37'01	21°24	9°39	26°55	14° 1	4° 2	3°35	6°27	3°47	13°42	5°31	4°38	17°13	n.a.	S 8
M 9	8 38 25	11°36'35	5♉24	11°37	28° 9	14°26	4° 2	3°41	6°25	3°48	13°41	5°29	4°35	17°20	n.a.	M 9
T 10	8 42 21	12°36'07	19° 3	13°36	29°23	14°52	4° 2	3°47	6°22	3°49	13°41	5°D29	4°32	17°27	n.a.	T 10
W11	8 46 18	13°35'37	2♊21	15°35	0♒38	15°17	4° 3	3°53	6°19	3°51	13°40	5°R30	4°28	17°34	n.a.	W11
T 12	8 50 14	14°35'04	15°23	17°35	1°52	15°43	4° 4	3°59	6°17	3°52	13°40	5°29	4°25	17°40	n.a.	T 12
F 13	8 54 11	15°34'29	28° 9	19°36	3° 6	16° 9	4° 5	4° 5	6°14	3°53	13°39	5°27	4°22	17°47	n.a.	F 13
S 14	8 58 7	16°33'52	10♋43	21°37	4°21	16°35	4° 6	4°11	6°12	3°54	13°38	5°22	4°19	17°54	n.a.	S 14
S 15	9 2 4	17°33'12	23° 8	23°38	5°35	17° 2	4° 8	4°17	6° 9	3°55	13°38	5°15	4°16	18° 0	n.a.	S 15
M16	9 6 1	18°32'30	5♌23	25°39	6°49	17°29	4° 9	4°23	6° 7	3°55	13°37	5° 4	4°13	18° 7	n.a.	M16
T 17	9 9 57	19°31'45	17°32	27°40	8° 3	17°55	4°11	4°30	6° 4	3°56	13°36	4°52	4° 9	18°14	n.a.	T 17
W18	9 13 54	20°30'58	29°34	29°40	9°18	18°23	4°13	4°36	6° 2	3°57	13°35	4°38	4° 6	18°21	n.a.	W18
T 19	9 17 50	21°30'10	11♍31	1♓40	10°32	18°50	4°15	4°43	5°59	3°58	13°34	4°24	4° 3	18°27	n.a.	T 19
F 20	9 21 47	22°29'19	23°24	3°38	11°46	19°17	4°18	4°49	5°57	3°59	13°34	4°12	4° 0	18°34	n.a.	F 20
S 21	9 25 43	23°28'25	5♎15	5°35	13° 0	19°45	4°20	4°56	5°54	4° 0	13°33	4° 1	3°57	18°41	n.a.	S 21
S 22	9 29 40	24°27'30	17° 7	7°29	14°14	20°13	4°23	5° 2	5°52	4° 0	13°32	3°53	3°53	18°47	n.a.	S 22
M23	9 33 36	25°26'33	29° 3	9°22	15°29	20°41	4°26	5° 9	5°49	4° 1	13°31	3°48	3°50	18°54	n.a.	M23
T 24	9 37 33	26°25'34	11♏ 7	11°11	16°43	21° 9	4°29	5°16	5°47	4° 2	13°30	3°46	3°47	19° 1	n.a.	T 24
W25	9 41 29	27°24'34	23°25	12°57	17°57	21°37	4°32	5°22	5°44	4° 2	13°29	3°45	3°44	19° 8	n.a.	W25
T 26	9 45 26	28°23'31	6♐ 0	14°40	19°11	22° 6	4°36	5°29	5°42	4° 3	13°28	3°45	3°41	19°14	n.a.	T 26
F 27	9 49 23	29°22'27	18°59	16°19	20°25	22°34	4°39	5°36	5°40	4° 4	13°27	3°45	3°38	19°21	n.a.	F 27
S 28	9 53 19	0♓21'20	2♉25	17♓53	21♒39	23♉ 3	4♊43	5♈43	5♌37	4♐ 4	13♎26	3♊43	3♊34	19♍28	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s38	26s14	2s42	23s11	2s 2	23s26	0s54	17n21	2n 2	21n23	0n 5	1s 1	2s25	19n37	0n46	20s 1	1n13	8n19	15n 2	21n43	21n28	10n 4		n.a.
M 2	19 24	25 30	3 41	22 48	2 1	23 17	0 56	17 28	2 2	21 23	0 5	0 59	2 25	19 38	0 46	20 1	1 13	8 20	15 3	21 42	21 27	10 1		n.a.
T 3	19 9	23 0	4 27	22 23	1 59	23 8	0 57	17 36	2 2	21 23	0 6	0 57	2 24	19 38	0 46	20 1	1 13	8 20	15 3	21 40	21 27	9 58		n.a.
W 4	18 54	18 54	4 55	21 55	1 57	22 58	0 59	17 43	2 1	21 23	0 6	0 54	2 24	19 39	0 46	20 2	1 13	8 21	15 3	21 38	21 26	9 55		n.a.
T 5	18 39	13 36	5 3	21 26	1 54	22 47	1 1	17 50	2 1	21 23	0 6	0 52	2 24	19 40	0 46	20 2	1 13	8 21	15 4	21 37	21 26	9 52		n.a.
F 6	18 23	7 32	4 51	20 54	1 50	22 36	1 3	17 58	2 1	21 23	0 6	0 49	2 24	19 40	0 46	20 2	1 13	8 22	15 4	21 35	21 25	9 50		n.a.
S 7	18 7	1 8	4 19	20 20	1 46	22 23	1 4	18 5	2 1	21 23	0 6	0 47	2 24	19 41	0 46	20 2	1 13	8 22	15 5	21 34	21 24	9 47		n.a.
S 8	17 51	5n12	3 32	19 45	1 42	22 11	1 6	18 12	2 0	21 23	0 6	0 44	2 23	19 42	0 46	20 2	1 13	8 23	15 5	21 33	21 24	9 44		n.a.
M 9	17 34	11 8	2 33	19 7	1 37	21 57	1 7	18 20	2 0	21 23	0 6	0 42	2 23	19 42	0 46	20 3	1 13	8 24	15 6	21 33	21 23	9 41		n.a.
T 10	17 17	16 22	1 26	18 27	1 31	21 43	1 9	18 27	2 0	21 23	0 6	0 39	2 23	19 43	0 46	20 3	1 13	8 24	15 6	21 33	21 23	9 38		n.a.
W11	17 0	20 41	0 17	17 46	1 25	21 28	1 10	18 35	2 0	21 24	0 6	0 37	2 23	19 44	0 46	20 3	1 13	8 25	15 6	21 33	21 22	9 35		n.a.
T 12	16 43	23 52	0n52	17 2	1 18	21 13	1 11	18 42	1 59	21 24	0 7	0 34	2 22	19 44	0 46	20 3	1 13	8 25	15 7	21 33	21 21	9 32		n.a.
F 13	16 25	25 45	1 57	16 17	1 10	20 57	1 13	18 50	1 59	21 24	0 7	0 31	2 22	19 45	0 46	20 3	1 13	8 26	15 7	21 33	21 21	9 30		n.a.
S 14	16 7	26 17	2 55	15 30	1 2	20 40	1 14	18 57	1 59	21 25	0 7	0 29	2 22	19 46	0 46	20 4	1 13	8 27	15 8	21 32	21 20	9 27		n.a.
S 15	15 49	25 28	3 44	14 41	0 53	20 23	1 15	19 5	1 59	21 25	0 7	0 26	2 22	19 46	0 46	20 4	1 13	8 27	15 8	21 31	21 20	9 24		n.a.
M16	15 30	23 26	4 22	13 52	0 44	20 5	1 16	19 12	1 58	21 25	0 7	0 23	2 22	19 47	0 46	20 4	1 13	8 28	15 8	21 29	21 19	9 21		n.a.
T 17	15 12	20 22	4 47	13 0	0 34	19 47	1 17	19 19	1 58	21 26	0 7	0 21	2 21	19 47	0 46	20 4	1 13	8 28	15 9	21 26	21 18	9 18		n.a.
W18	14 53	16 27	4 59	12 8	0 24	19 28	1 18	19 27	1 58	21 26	0 7	0 18	2 21	19 48	0 46	20 4	1 13	8 29	15 9	21 24	21 18	9 15		n.a.
T 19	14 33	11 56	4 58	11 15	0 13	19 8	1 19	19 34	1 57	21 27	0 7	0 15	2 21	19 49	0 46	20 4	1 13	8 30	15 9	21 21	21 17	9 12		n.a.
F 20	14 14	6 59	4 44	10 22	0 2	18 48	1 20	19 42	1 57	21 27	0 8	0 12	2 21	19 49	0 46	20 4	1 13	8 30	15 10	21 19	21 17	9 9		n.a.
S 21	13 54	1 49	4 17	9 28	0n10	18 28	1 21	19 49	1 57	21 28	0 8	0 10	2 21	19 50	0 46	20 4	1 13	8 31	15 10	21 17	21 16	9 7		n.a.
S 22	13 34	3s27	3 40	8 34	0 21	18 7	1 22	19 57	1 57	21 29	0 8	0 7	2 20	19 51	0 46	20 5	1 13	8 32	15 10	21 15	21 15	9 4		n.a.
M23	13 14	8 37	2 52	7 40	0 34	17 45	1 22	20 4	1 56	21 29	0 8	0 4	2 20	19 51	0 46	20 5	1 14	8 32	15 11	21 14	21 15	9 1		n.a.
T 24	12 54	13 33	1 57	6 47	0 46	17 23	1 23	20 11	1 56	21 30	0 8	0 1	2 20	19 52	0 46	20 5	1 14	8 33	15 11	21 14	21 14	8 58		n.a.
W25	12 34	18 2	0 54	5 54	0 58	17 1	1 24	20 19	1 56	21 31	0 8	0n 2	2 20	19 52	0 46	20 5	1 14	8 34	15 11	21 14	21 14	8 55		n.a.
T 26	12 13	21 50	0s12	5 3	1 11	16 38	1 24	20 26	1 55	21 31	0 8	0 5	2 20	19 53	0 46	20 5	1 14	8 34	15 12	21 14	21 13	8 52		n.a.
F 27	11 52	24 40	1 20	4 13	1 23	16 14	1 24	20 33	1 55	21 32	0 8	0 8	2 20	19 53	0 46	20 5	1 14	8 35	15 12	21 14	21 12	8 49		n.a.
S 28	11s31	26s13	2s25	3s25	1n35	15s50	1s25	20n40	1n55	21n33	0n 8	0n10	2s19	19n54	0n46	20s 5	1n14	8n36	15n12	21n13	21n12	8n46		n.a.

Julian Day Number = 1364970.5, Delta T = 06h55m40s
Ecliptic obliquity = 23°48'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°32'56, Lahiri = -17°25'56 Julian Calendar 1 Feb. 976 BCE == Greg. Calendar 23 Jan. 976 BCE

The year -975 astronomical counting style corresponds to year 976 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 976 BCE
geocentric

MARCH 976 BCE (-975) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 57 16	1♓20'12	16♉21	19♓23	22♒54	23♉32	4♊47	5♈50	5°R35	4♐ 5	13°R25	3°R38	3♊31	19♍34	n.a.	S 1
M 2	10 1 12	2°19'02	0♒46	20°48	24° 8	24° 1	4°51	5°57	5♌33	4° 5	13♎24	3♊31	3°28	19°41	n.a.	M 2
T 3	10 5 9	3°17'50	15°36	22° 8	25°22	24°31	4°56	6° 4	5°31	4° 5	13°22	3°21	3°25	19°48	n.a.	T 3
W 4	10 9 5	4°16'36	0♓45	23°23	26°36	25° 0	5° 0	6°11	5°28	4° 6	13°21	3°10	3°22	19°55	n.a.	W 4
T 5	10 13 2	5°15'19	16° 3	24°32	27°50	25°30	5° 5	6°18	5°26	4° 6	13°20	2°59	3°18	20° 1	n.a.	T 5
F 6	10 16 58	6°14'01	1♈16	25°36	29° 4	25°59	5° 9	6°25	5°24	4° 7	13°19	2°49	3°15	20° 8	n.a.	F 6
S 7	10 20 55	7°12'40	16°16	26°33	0♓18	26°29	5°14	6°32	5°22	4° 7	13°18	2°41	3°12	20°15	n.a.	S 7
S 8	10 24 51	8°11'17	0♉55	27°25	1°32	26°59	5°20	6°40	5°20	4° 7	13°16	2°36	3° 9	20°22	n.a.	S 8
M 9	10 28 48	9° 9'52	15° 7	28°11	2°46	27°29	5°25	6°47	5°18	4° 7	13°15	2°33	3° 6	20°28	n.a.	M 9
T 10	10 32 45	10° 8'24	28°53	28°50	4° 0	28° 0	5°30	6°54	5°16	4° 8	13°14	2°D33	3° 3	20°35	n.a.	T 10
W11	10 36 41	11° 6'54	12♊13	29°24	5°14	28°30	5°36	7° 2	5°14	4° 8	13°12	2°R33	2°59	20°42	n.a.	W11
T 12	10 40 38	12° 5'22	25°10	29°51	6°29	29° 1	5°42	7° 9	5°12	4° 8	13°11	2°32	2°56	20°48	n.a.	T 12
F 13	10 44 34	13° 3'48	7♋49	0♈12	7°43	29°31	5°48	7°16	5°10	4° 8	13°10	2°30	2°53	20°55	n.a.	F 13
S 14	10 48 31	14° 2'11	20°14	0°27	8°57	0♊ 2	5°54	7°24	5° 8	4° 8	13° 8	2°25	2°50	21° 2	n.a.	S 14
S 15	10 52 27	15° 0'32	2♌27	0°36	10°11	0°33	6° 0	7°31	5° 6	4° 8	13° 7	2°18	2°47	21° 9	n.a.	S 15
M16	10 56 24	15°58'51	14°33	0°R38	11°24	1° 4	6° 6	7°39	5° 5	4°R 8	13° 5	2° 8	2°44	21°15	n.a.	M16
T 17	11 0 20	16°57'08	26°32	0°35	12°38	1°35	6°13	7°46	5° 3	4° 8	13° 4	1°56	2°40	21°22	n.a.	T 17
W18	11 4 17	17°55'22	8♍27	0°27	13°52	2° 6	6°19	7°54	5° 1	4° 8	13° 3	1°43	2°37	21°29	n.a.	W18
T 19	11 8 14	18°53'35	20°20	0°13	15° 6	2°38	6°26	8° 1	5° 0	4° 8	13° 1	1°29	2°34	21°35	n.a.	T 19
F 20	11 12 10	19°51'46	2♎12	29♓54	16°20	3° 9	6°33	8° 9	4°58	4° 8	13° 0	1°17	2°31	21°42	n.a.	F 20
S 21	11 16 7	20°49'55	14° 5	29°31	17°34	3°41	6°40	8°17	4°56	4° 8	12°58	1° 7	2°28	21°49	n.a.	S 21
S 22	11 20 3	21°48'02	25°59	29° 4	18°48	4°12	6°47	8°24	4°55	4° 8	12°57	0°59	2°24	21°56	n.a.	S 22
M23	11 24 0	22°46'07	7♏59	28°33	20° 2	4°44	6°55	8°32	4°53	4° 7	12°55	0°54	2°21	22° 2	n.a.	M23
T 24	11 27 56	23°44'11	20° 7	27°59	21°16	5°16	7° 2	8°40	4°52	4° 7	12°54	0°52	2°18	22° 9	n.a.	T 24
W25	11 31 53	24°42'14	2♐26	27°23	22°30	5°48	7°10	8°47	4°50	4° 7	12°52	0°D51	2°15	22°16	n.a.	W25
T 26	11 35 49	25°40'15	15° 1	26°46	23°44	6°20	7°18	8°55	4°49	4° 6	12°50	0°52	2°12	22°22	n.a.	T 26
F 27	11 39 46	26°38'14	27°57	26° 7	24°58	6°52	7°25	9° 3	4°48	4° 6	12°49	0°R52	2° 9	22°29	n.a.	F 27
S 28	11 43 42	27°36'12	11♑18	25°29	26°11	7°24	7°33	9°11	4°46	4° 6	12°47	0°51	2° 5	22°36	n.a.	S 28
S 29	11 47 39	28°34'09	25° 5	24°50	27°25	7°56	7°42	9°18	4°45	4° 5	12°46	0°48	2° 2	22°43	n.a.	S 29
M30	11 51 36	29°32'04	9♒22	24°14	28°39	8°29	7°50	9°26	4°44	4° 5	12°44	0°43	1°59	22°49	n.a.	M30
T 31	11 55 32	0♈29'58	24♒ 4	23♓38	29♓53	9♊ 1	7♊58	9♈34	4♌43	4♐ 4	12♎42	0♊36	1♊56	22♍56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s10	26s11	3s25	2s38	1n46	15s26	1s25	20n48	1n55	21n34	0n 8	0n13	2s19	19n55	0n46	20s 5	1n14	8n36	15n13	21n12	21n11	8n43		n.a.
M 2	10 49	24 25	4 13	1 54	1 58	15 1	1 25	20 55	1 54	21 35	0 9	0 16	2 19	19 55	0 46	20 5	1 14	8 37	15 13	21 11	21 11	8 40		n.a.
T 3	10 27	20 57	4 46	1 12	2 9	14 36	1 26	21 2	1 54	21 36	0 9	0 19	2 19	19 56	0 46	20 5	1 14	8 38	15 13	21 9	21 10	8 38		n.a.
W 4	10 6	16 2	5 0	0 32	2 19	14 11	1 26	21 9	1 54	21 36	0 9	0 22	2 19	19 56	0 46	20 5	1 14	8 39	15 14	21 7	21 9	8 35		n.a.
T 5	9 44	10 4	4 52	0n 4	2 29	13 45	1 26	21 16	1 53	21 37	0 9	0 25	2 19	19 57	0 46	20 5	1 14	8 39	15 14	21 5	21 9	8 32		n.a.
F 6	9 22	3 31	4 24	0 38	2 38	13 19	1 26	21 23	1 53	21 38	0 9	0 28	2 19	19 57	0 46	20 5	1 14	8 40	15 14	21 3	21 8	8 29		n.a.
S 7	9 0	3n 9	3 38	1 9	2 46	12 52	1 26	21 30	1 53	21 39	0 9	0 31	2 18	19 58	0 46	20 5	1 14	8 41	15 14	21 1	21 7	8 26		n.a.
S 8	8 38	9 30	2 39	1 37	2 54	12 25	1 25	21 37	1 52	21 40	0 9	0 34	2 18	19 58	0 46	20 5	1 14	8 41	15 15	21 0	21 7	8 23		n.a.
M 9	8 15	15 11	1 31	2 1	3 0	11 58	1 25	21 43	1 52	21 41	0 9	0 37	2 18	19 59	0 46	20 5	1 14	8 42	15 15	21 0	21 6	8 20		n.a.
T 10	7 53	19 54	0 19	2 22	3 6	11 30	1 25	21 50	1 52	21 43	0 9	0 40	2 18	19 59	0 46	20 5	1 14	8 43	15 15	21 0	21 6	8 17		n.a.
W11	7 31	23 27	0n51	2 40	3 11	11 3	1 25	21 57	1 51	21 44	0 9	0 43	2 18	20 0	0 46	20 5	1 14	8 44	15 15	21 0	21 5	8 14		n.a.
T 12	7 8	25 40	1 57	2 54	3 14	10 35	1 24	22 3	1 51	21 45	0 10	0 47	2 18	20 0	0 46	20 5	1 14	8 44	15 16	21 0	21 4	8 11		n.a.
F 13	6 45	26 29	2 55	3 4	3 16	10 6	1 24	22 10	1 51	21 46	0 10	0 50	2 18	20 1	0 46	20 5	1 14	8 45	15 16	20 59	21 4	8 8		n.a.
S 14	6 23	25 57	3 44	3 11	3 17	9 37	1 23	22 16	1 51	21 47	0 10	0 53	2 18	20 1	0 46	20 5	1 14	8 46	15 16	20 58	21 3	8 5		n.a.
S 15	6 0	24 9	4 21	3 15	3 17	9 9	1 23	22 23	1 50	21 48	0 10	0 56	2 17	20 1	0 46	20 5	1 14	8 46	15 16	20 57	21 2	8 2		n.a.
M16	5 37	21 17	4 47	3 14	3 15	8 39	1 22	22 29	1 50	21 50	0 10	0 59	2 17	20 2	0 46	20 5	1 14	8 47	15 16	20 55	21 2	7 59		n.a.
T 17	5 14	17 32	4 59	3 10	3 12	8 10	1 21	22 35	1 50	21 51	0 10	1 2	2 17	20 2	0 46	20 5	1 14	8 48	15 16	20 52	21 1	7 56		n.a.
W18	4 51	13 7	4 58	3 3	3 8	7 41	1 21	22 41	1 49	21 52	0 10	1 5	2 17	20 3	0 46	20 5	1 14	8 49	15 17	20 50	21 1	7 53		n.a.
T 19	4 28	8 14	4 45	2 52	3 2	7 11	1 20	22 47	1 49	21 53	0 10	1 8	2 17	20 3	0 46	20 5	1 14	8 49	15 17	20 47	21 0	7 51		n.a.
F 20	4 4	3 3	4 19	2 38	2 55	6 41	1 19	22 53	1 49	21 55	0 10	1 11	2 17	20 3	0 46	20 5	1 14	8 50	15 17	20 44	20 59	7 48		n.a.
S 21	3 41	2s15	3 41	2 21	2 47	6 11	1 18	22 59	1 48	21 56	0 10	1 14	2 17	20 4	0 46	20 5	1 14	8 51	15 17	20 42	20 59	7 45		n.a.
S 22	3 18	7 30	2 54	2 1	2 37	5 41	1 17	23 5	1 48	21 57	0 10	1 18	2 17	20 4	0 45	20 5	1 14	8 51	15 17	20 41	20 58	7 42		n.a.
M23	2 55	12 31	1 58	1 38	2 26	5 10	1 16	23 11	1 48	21 59	0 11	1 21	2 17	20 5	0 45	20 5	1 14	8 52	15 17	20 40	20 57	7 39		n.a.
T 24	2 31	17 8	0 57	1 13	2 13	4 40	1 15	23 16	1 47	22 0	0 11	1 24	2 17	20 5	0 45	20 5	1 14	8 53	15 18	20 39	20 57	7 36		n.a.
W25	2 8	21 7	0s 8	0 47	2 0	4 9	1 14	23 22	1 47	22 1	0 11	1 27	2 17	20 5	0 45	20 5	1 14	8 54	15 18	20 39	20 56	7 33		n.a.
T 26	1 45	24 12	1 15	0 18	1 46	3 38	1 13	23 27	1 47	22 3	0 11	1 30	2 16	20 5	0 45	20 5	1 14	8 54	15 18	20 39	20 55	7 30		n.a.
F 27	1 21	26 7	2 19	0s11	1 31	3 7	1 11	23 32	1 46	22 4	0 11	1 33	2 16	20 6	0 45	20 5	1 15	8 55	15 18	20 39	20 55	7 27		n.a.
S 28	0 58	26 37	3 18	0 41	1 15	2 36	1 10	23 38	1 46	22 6	0 11	1 37	2 16	20 6	0 45	20 5	1 15	8 56	15 18	20 39	20 54	7 24		n.a.
S 29	0 35	25 30	4 8	1 11	0 59	2 5	1 9	23 43	1 46	22 7	0 11	1 40	2 16	20 6	0 45	20 4	1 15	8 56	15 18	20 38	20 54	7 21		n.a.
M30	0 11	22 44	4 44	1 41	0 42	1 34	1 7	23 48	1 45	22 8	0 11	1 43	2 16	20 7	0 45	20 4	1 15	8 57	15 18	20 37	20 53	7 18		n.a.
T 31	0n12	18s27	5s 2	2s11	0n25	1s 3	1s 6	23n52	1n45	22n10	0n11	1n46	2s16	20n 7	0n45	20s 4	1n15	8n58	15n18	20n36	20n52	7n15		n.a.

Julian Day Number = 1364998.5, Delta T = 06h55m38s
Ecliptic obliquity = 23°48'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°32'52, Lahiri = -17°25'52 Julian Calendar 1 March 976 BCE == Greg. Calendar 20 Feb. 976 BCE

The year -975 astronomical counting style corresponds to year 976 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 976 BCE
geocentric

APRIL 976 BCE (-975) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 59 29	1♈27'50	9♓ 7	23°R 5	1♈ 7	9♊34	8♊ 7	9♈42	4°R42	4°R 4	12°R41	0°R28	1♊53	23♍ 3	n.a.	W 1
T 2	12 3 25	2°25'40	24°23	22♓35	2°21	10° 7	8°15	9°50	4♌41	4♐ 3	12♎39	0♊19	1°50	23° 9	n.a.	T 2
F 3	12 7 22	3°23'29	9♈39	22° 8	3°35	10°39	8°24	9°57	4°40	4° 3	12°37	0°11	1°46	23°16	n.a.	F 3
S 4	12 11 18	4°21'17	24°46	21°45	4°48	11°12	8°33	10° 5	4°39	4° 2	12°36	0° 5	1°43	23°23	n.a.	S 4
S 5	12 15 15	5°19'03	9♉34	21°26	6° 2	11°45	8°42	10°13	4°38	4° 2	12°34	0° 1	1°40	23°30	n.a.	S 5
M 6	12 19 11	6°16'47	23°57	21°11	7°16	12°18	8°51	10°21	4°37	4° 1	12°33	29°D59	1°37	23°36	n.a.	M 6
T 7	12 23 8	7°14'29	7♊52	21° 0	8°30	12°51	9° 0	10°29	4°36	4° 0	12°31	29♉59	1°34	23°43	n.a.	T 7
W 8	12 27 5	8°12'10	21°19	20°54	9°44	13°24	9° 9	10°37	4°36	4° 0	12°29	0♊ 1	1°30	23°50	n.a.	W 8
T 9	12 31 1	9° 9'49	4♋21	20°D53	10°57	13°58	9°19	10°45	4°35	3°59	12°28	0°R 1	1°27	23°56	n.a.	T 9
F 10	12 34 58	10° 7'26	17° 1	20°56	12°11	14°31	9°28	10°52	4°34	3°58	12°26	0° 1	1°24	24° 3	n.a.	F 10
S 11	12 38 54	11° 5'02	29°24	21° 3	13°25	15° 4	9°38	11° 0	4°34	3°57	12°24	29♉59	1°21	24°10	n.a.	S 11
S 12	12 42 51	12° 2'36	11♌33	21°15	14°39	15°38	9°47	11° 8	4°33	3°57	12°23	29°56	1°18	24°17	n.a.	S 12
M13	12 46 47	13° 0'08	23°34	21°32	15°52	16°12	9°57	11°16	4°33	3°56	12°21	29°50	1°15	24°23	n.a.	M13
T 14	12 50 44	13°57'39	5♍29	21°53	17° 6	16°45	10° 7	11°24	4°32	3°55	12°19	29°43	1°11	24°30	n.a.	T 14
W15	12 54 40	14°55'08	17°21	22°18	18°20	17°19	10°17	11°32	4°32	3°54	12°18	29°34	1° 8	24°37	n.a.	W15
T 16	12 58 37	15°52'36	29°12	22°48	19°33	17°53	10°27	11°40	4°32	3°53	12°16	29°26	1° 5	24°43	n.a.	T 16
F 17	13 2 34	16°50'03	11♎ 6	23°22	20°47	18°26	10°37	11°48	4°32	3°52	12°14	29°19	1° 2	24°50	n.a.	F 17
S 18	13 6 30	17°47'28	23° 2	23°59	22° 1	19° 0	10°47	11°55	4°31	3°51	12°13	29°12	0°59	24°57	n.a.	S 18
S 19	13 10 27	18°44'52	5♏ 4	24°41	23°14	19°34	10°58	12° 3	4°31	3°50	12°11	29° 8	0°55	25° 4	n.a.	S 19
M20	13 14 23	19°42'15	17°13	25°26	24°28	20° 8	11° 8	12°11	4°31	3°49	12° 9	29° 5	0°52	25°10	n.a.	M20
T 21	13 18 20	20°39'38	29°30	26°15	25°42	20°42	11°19	12°19	4°D31	3°48	12° 8	29°D 5	0°49	25°17	n.a.	T 21
W22	13 22 16	21°36'59	11♐59	27° 8	26°55	21°17	11°29	12°27	4°31	3°47	12° 6	29° 5	0°46	25°24	n.a.	W22
T 23	13 26 13	22°34'20	24°42	28° 4	28° 9	21°51	11°40	12°34	4°31	3°46	12° 4	29° 7	0°43	25°30	n.a.	T 23
F 24	13 30 9	23°31'39	7♑42	29° 3	29°23	22°25	11°51	12°42	4°31	3°45	12° 3	29° 8	0°40	25°37	n.a.	F 24
S 25	13 34 6	24°28'59	21° 2	0♈ 6	0♉36	23° 0	12° 1	12°50	4°31	3°44	12° 1	29°R 9	0°36	25°44	n.a.	S 25
S 26	13 38 3	25°26'17	4♒45	1°11	1°50	23°34	12°12	12°58	4°32	3°42	11°59	29° 9	0°33	25°51	n.a.	S 26
M27	13 41 59	26°23'35	18°51	2°20	3° 4	24° 9	12°23	13° 6	4°32	3°41	11°58	29° 7	0°30	25°57	n.a.	M27
T 28	13 45 56	27°20'52	3♓19	3°32	4°17	24°43	12°34	13°13	4°32	3°40	11°56	29° 4	0°27	26° 4	n.a.	T 28
W29	13 49 52	28°18'08	18° 5	4°47	5°31	25°18	12°46	13°21	4°33	3°39	11°55	29° 0	0°24	26°11	n.a.	W29
T 30	13 53 49	29♈15'24	3♈ 4	6♈ 5	6♉45	25♊52	12♊57	13♈29	4♌33	3♐38	11♎53	28♉56	0♊21	26♍17	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n35	12s54	5s 1	2s39	0n 8	0s32	1s 4	23n57	1n45	22n11	0n11	1n49	2s16	20n 7	0n45	20s 4	1n15	8n58	15n18	20n34	20n52	7n12		n.a.
T 2	0 59	6 31	4 38	3 7	0s 8	0 0	1 3	24 2	1 44	22 13	0 11	1 52	2 16	20 7	0 45	20 4	1 15	8 59	15 18	20 32	20 51	7 9		n.a.
F 3	1 22	0n17	3 56	3 33	0 25	0n31	1 1	24 6	1 44	22 14	0 12	1 56	2 16	20 7	0 45	20 4	1 15	9 0	15 18	20 30	20 50	7 6		n.a.
S 4	1 45	7 0	2 57	3 56	0 41	1 2	0 59	24 11	1 44	22 16	0 12	1 59	2 16	20 8	0 45	20 4	1 15	9 0	15 18	20 29	20 50	7 3		n.a.
S 5	2 9	13 13	1 47	4 18	0 56	1 33	0 58	24 15	1 43	22 17	0 12	2 2	2 16	20 8	0 45	20 4	1 15	9 1	15 18	20 28	20 49	7 0		n.a.
M 6	2 32	18 32	0 32	4 38	1 11	2 4	0 56	24 19	1 43	22 19	0 12	2 5	2 16	20 8	0 45	20 3	1 15	9 2	15 18	20 28	20 48	6 57		n.a.
T 7	2 55	22 39	0n42	4 55	1 25	2 36	0 54	24 23	1 42	22 20	0 12	2 8	2 16	20 8	0 45	20 3	1 15	9 2	15 18	20 28	20 48	6 54		n.a.
W 8	3 18	25 23	1 52	5 10	1 38	3 7	0 52	24 27	1 42	22 22	0 12	2 11	2 16	20 8	0 45	20 3	1 15	9 3	15 18	20 28	20 47	6 51		n.a.
T 9	3 41	26 38	2 54	5 22	1 51	3 38	0 50	24 31	1 42	22 23	0 12	2 14	2 16	20 8	0 45	20 3	1 15	9 4	15 18	20 28	20 46	6 48		n.a.
F 10	4 4	26 26	3 45	5 31	2 2	4 9	0 48	24 35	1 41	22 25	0 12	2 18	2 16	20 9	0 45	20 3	1 15	9 4	15 18	20 28	20 46	6 45		n.a.
S 11	4 27	24 55	4 25	5 38	2 13	4 40	0 46	24 38	1 41	22 27	0 12	2 21	2 16	20 9	0 45	20 3	1 15	9 5	15 18	20 28	20 45	6 42		n.a.
S 12	4 50	22 15	4 52	5 42	2 23	5 11	0 44	24 42	1 41	22 28	0 12	2 24	2 16	20 9	0 45	20 2	1 15	9 5	15 18	20 27	20 44	6 39		n.a.
M13	5 13	18 40	5 6	5 44	2 32	5 41	0 42	24 45	1 40	22 30	0 12	2 27	2 16	20 9	0 45	20 2	1 15	9 6	15 18	20 26	20 44	6 36		n.a.
T 14	5 35	14 22	5 6	5 43	2 40	6 12	0 40	24 48	1 40	22 31	0 12	2 30	2 16	20 9	0 45	20 2	1 15	9 7	15 18	20 24	20 43	6 33		n.a.
W15	5 58	9 33	4 53	5 39	2 47	6 42	0 38	24 51	1 40	22 33	0 13	2 33	2 16	20 9	0 45	20 2	1 15	9 7	15 18	20 22	20 42	6 30		n.a.
T 16	6 20	4 24	4 27	5 33	2 54	7 13	0 36	24 54	1 39	22 34	0 13	2 36	2 16	20 9	0 45	20 2	1 15	9 8	15 18	20 21	20 42	6 27		n.a.
F 17	6 43	0s56	3 50	5 24	2 59	7 43	0 34	24 57	1 39	22 36	0 13	2 40	2 16	20 9	0 45	20 1	1 15	9 8	15 18	20 19	20 41	6 24		n.a.
S 18	7 5	6 16	3 3	5 13	3 3	8 13	0 32	24 59	1 39	22 37	0 13	2 43	2 16	20 9	0 45	20 1	1 15	9 9	15 18	20 18	20 40	6 21		n.a.
S 19	7 27	11 26	2 7	5 0	3 7	8 43	0 30	25 2	1 38	22 39	0 13	2 46	2 16	20 9	0 45	20 1	1 15	9 9	15 18	20 17	20 40	6 17		n.a.
M20	7 49	16 13	1 4	4 44	3 10	9 12	0 27	25 4	1 38	22 41	0 13	2 49	2 16	20 9	0 45	20 1	1 15	9 10	15 17	20 16	20 39	6 14		n.a.
T 21	8 11	20 24	0s 2	4 26	3 12	9 42	0 25	25 6	1 38	22 42	0 13	2 52	2 16	20 9	0 44	20 1	1 15	9 10	15 17	20 16	20 38	6 11		n.a.
W22	8 33	23 44	1 10	4 6	3 13	10 11	0 23	25 8	1 37	22 44	0 13	2 55	2 16	20 9	0 44	20 0	1 15	9 11	15 17	20 16	20 38	6 8		n.a.
T 23	8 55	25 57	2 15	3 44	3 13	10 40	0 21	25 10	1 37	22 45	0 13	2 58	2 16	20 9	0 44	20 0	1 15	9 11	15 17	20 16	20 37	6 5		n.a.
F 24	9 16	26 50	3 15	3 19	3 13	11 8	0 18	25 12	1 36	22 47	0 13	3 1	2 16	20 9	0 44	20 0	1 15	9 12	15 17	20 17	20 36	6 2		n.a.
S 25	9 38	26 11	4 6	2 53	3 12	11 37	0 16	25 13	1 36	22 48	0 13	3 4	2 16	20 9	0 44	20 0	1 15	9 12	15 17	20 17	20 36	5 59		n.a.
S 26	9 59	23 58	4 44	2 25	3 10	12 5	0 14	25 15	1 36	22 50	0 13	3 7	2 16	20 9	0 44	19 59	1 15	9 13	15 16	20 17	20 35	5 56		n.a.
M27	10 20	20 16	5 7	1 55	3 7	12 33	0 11	25 16	1 35	22 51	0 14	3 10	2 16	20 9	0 44	19 59	1 15	9 13	15 16	20 16	20 34	5 53		n.a.
T 28	10 41	15 16	5 11	1 23	3 4	13 0	0 9	25 17	1 35	22 53	0 14	3 13	2 16	20 9	0 44	19 59	1 15	9 14	15 16	20 16	20 34	5 50		n.a.
W29	11 2	9 18	4 55	0 49	3 0	13 28	0 7	25 18	1 35	22 55	0 14	3 16	2 16	20 8	0 44	19 59	1 15	9 14	15 16	20 15	20 33	5 47		n.a.
T 30	11n23	2s43	4s19	0s13	2s55	13n55	0s 4	25n19	1n34	22n56	0n14	3n19	2s16	20n 8	0n44	19s59	1n15	9n14	15n16	20n14	20n32	5n44		n.a.

Julian Day Number = 1365029.5, Delta T = 06h55m37s
Ecliptic obliquity = 23°48'47, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°32'48, Lahiri = -17°25'48 Julian Calendar 1 Apr. 976 BCE == Greg. Calendar 23 March 976 BCE

The year -975 astronomical counting style corresponds to year 976 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 976 BCE
geocentric

MAY 976 BCE (-975) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 57 45	0♉12'39	18♈ 6	7♈26	7♉58	26♊27	13♊ 8	13♈36	4♌33	3°R36	11°R51	28°R52	0♊17	26♍24	n.a.	F 1
S 2	14 1 42	1° 9'54	3♉ 4	8°50	9°12	27° 2	13°19	13°44	4°34	3♐35	11♎50	28♉49	0°14	26°31	n.a.	S 2
S 3	14 5 38	2° 7'07	17°48	10°16	10°26	27°37	13°31	13°52	4°35	3°34	11°48	28°48	0°11	26°37	n.a.	S 3
M 4	14 9 35	3° 4'20	2♊12	11°46	11°39	28°12	13°42	13°59	4°35	3°32	11°47	28°D47	0° 8	26°44	n.a.	M 4
T 5	14 13 32	4° 1'33	16°11	13°18	12°53	28°47	13°54	14° 7	4°36	3°31	11°45	28°48	0° 5	26°51	n.a.	T 5
W 6	14 17 28	4°58'44	29°43	14°53	14° 6	29°22	14° 6	14°14	4°37	3°30	11°44	28°49	0° 1	26°58	n.a.	W 6
T 7	14 21 25	5°55'55	12♋51	16°31	15°20	29°57	14°17	14°22	4°38	3°28	11°42	28°51	29♉58	27° 4	n.a.	T 7
F 8	14 25 21	6°53'04	25°36	18°11	16°34	0♋32	14°29	14°29	4°38	3°27	11°41	28°52	29°55	27°11	n.a.	F 8
S 9	14 29 18	7°50'13	8♌ 1	19°55	17°47	1° 7	14°41	14°37	4°39	3°25	11°39	28°R52	29°52	27°18	n.a.	S 9
S 10	14 33 14	8°47'21	20°12	21°40	19° 1	1°43	14°53	14°44	4°40	3°24	11°38	28°52	29°49	27°24	n.a.	S 10
M11	14 37 11	9°44'28	2♍12	23°29	20°14	2°18	15° 5	14°52	4°41	3°23	11°36	28°51	29°46	27°31	n.a.	M11
T 12	14 41 8	10°41'35	14° 6	25°20	21°28	2°53	15°17	14°59	4°42	3°21	11°35	28°49	29°42	27°38	n.a.	T 12
W13	14 45 4	11°38'41	25°57	27°14	22°41	3°29	15°29	15° 7	4°43	3°20	11°34	28°46	29°39	27°45	n.a.	W13
T 14	14 49 1	12°35'46	7♎50	29°10	23°55	4° 4	15°41	15°14	4°45	3°18	11°32	28°44	29°36	27°51	n.a.	T 14
F 15	14 52 57	13°32'51	19°47	1♉ 8	25° 8	4°40	15°53	15°21	4°46	3°17	11°31	28°41	29°33	27°58	n.a.	F 15
S 16	14 56 54	14°29'56	1♏50	3° 9	26°22	5°16	16° 5	15°28	4°47	3°15	11°30	28°40	29°30	28° 5	n.a.	S 16
S 17	15 0 50	15°27'00	14° 2	5°11	27°36	5°51	16°17	15°36	4°48	3°14	11°28	28°38	29°27	28°11	n.a.	S 17
M18	15 4 47	16°24'04	26°24	7°16	28°49	6°27	16°30	15°43	4°50	3°12	11°27	28°D38	29°23	28°18	n.a.	M18
T 19	15 8 43	17°21'08	8♐57	9°22	0♊ 3	7° 3	16°42	15°50	4°51	3°11	11°26	28°38	29°20	28°25	n.a.	T 19
W20	15 12 40	18°18'11	21°43	11°29	1°16	7°39	16°54	15°57	4°53	3° 9	11°24	28°39	29°17	28°31	n.a.	W20
T 21	15 16 37	19°15'15	4♑42	13°38	2°30	8°15	17° 7	16° 4	4°54	3° 8	11°23	28°40	29°14	28°38	n.a.	T 21
F 22	15 20 33	20°12'19	17°56	15°48	3°43	8°50	17°19	16°11	4°56	3° 6	11°22	28°40	29°11	28°45	n.a.	F 22
S 23	15 24 30	21° 9'23	1♒26	17°58	4°57	9°26	17°32	16°18	4°57	3° 4	11°21	28°41	29° 7	28°52	n.a.	S 23
S 24	15 28 26	22° 6'28	15°11	20° 8	6°10	10° 2	17°44	16°25	4°59	3° 3	11°20	28°41	29° 4	28°58	n.a.	S 24
M25	15 32 23	23° 3'32	29°12	22°19	7°24	10°39	17°57	16°32	5° 1	3° 1	11°19	28°R41	29° 1	29° 5	n.a.	M25
T 26	15 36 19	24° 0'37	13♓28	24°29	8°37	11°15	18° 9	16°39	5° 2	3° 0	11°17	28°41	28°58	29°12	n.a.	T 26
W27	15 40 16	24°57'42	27°56	26°39	9°51	11°51	18°22	16°45	5° 4	2°58	11°16	28°41	28°55	29°18	n.a.	W27
T 28	15 44 12	25°54'48	12♈31	28°48	11° 4	12°27	18°35	16°52	5° 6	2°56	11°15	28°40	28°52	29°25	n.a.	T 28
F 29	15 48 9	26°51'54	27°10	0♊56	12°18	13° 3	18°48	16°59	5° 8	2°55	11°14	28°40	28°48	29°32	n.a.	F 29
S 30	15 52 6	27°49'00	11♉46	3° 4	13°31	13°40	19° 0	17° 6	5°10	2°53	11°13	28°40	28°45	29°39	n.a.	S 30
S 31	15 56 2	28♉46'07	26♉12	5♊ 9	14♊45	14♋16	19♊13	17♈12	5♌12	2♐52	11♎12	28♉40	28♉42	29♍45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n43	4n 4	3s24	0n24	2s50	14n21	0s 2	25n20	1n34	22n58	0n14	3n22	2s16	20n 8	0n44	19s58	1n15	9n15	15n15	20n13	20n32	5n41		n.a.
S 2	12 4	10 36	2 16	1 3	2 44	14 48	0n 1	25 20	1 33	22 59	0 14	3 25	2 16	20 8	0 44	19 58	1 15	9 15	15 15	20 13	20 31	5 38		n.a.
S 3	12 24	16 27	1 0	1 43	2 38	15 13	0 3	25 21	1 33	23 1	0 14	3 28	2 16	20 8	0 44	19 58	1 15	9 16	15 15	20 12	20 30	5 35		n.a.
M 4	12 44	21 14	0n19	2 25	2 31	15 39	0 5	25 21	1 33	23 2	0 14	3 31	2 16	20 8	0 44	19 57	1 15	9 16	15 15	20 12	20 30	5 32		n.a.
T 5	13 3	24 39	1 34	3 8	2 23	16 4	0 8	25 21	1 32	23 4	0 14	3 34	2 16	20 7	0 44	19 57	1 15	9 16	15 14	20 12	20 29	5 29		n.a.
W 6	13 23	26 31	2 42	3 53	2 15	16 29	0 10	25 21	1 32	23 5	0 14	3 37	2 16	20 7	0 44	19 57	1 15	9 17	15 14	20 13	20 28	5 26		n.a.
T 7	13 42	26 49	3 39	4 38	2 7	16 53	0 13	25 20	1 32	23 7	0 14	3 40	2 16	20 7	0 44	19 57	1 15	9 17	15 14	20 13	20 28	5 22		n.a.
F 8	14 1	25 40	4 23	5 26	1 58	17 17	0 15	25 20	1 31	23 8	0 14	3 43	2 16	20 7	0 44	19 56	1 15	9 17	15 14	20 13	20 27	5 19		n.a.
S 9	14 20	23 17	4 54	6 14	1 49	17 41	0 17	25 19	1 31	23 9	0 15	3 46	2 16	20 6	0 44	19 56	1 15	9 18	15 13	20 13	20 26	5 16		n.a.
S 10	14 39	19 53	5 11	7 3	1 39	18 4	0 20	25 19	1 30	23 11	0 15	3 48	2 16	20 6	0 44	19 56	1 15	9 18	15 13	20 13	20 26	5 13		n.a.
M11	14 58	15 44	5 14	7 53	1 29	18 26	0 22	25 18	1 30	23 12	0 15	3 51	2 16	20 6	0 44	19 56	1 15	9 18	15 13	20 13	20 25	5 10		n.a.
T 12	15 16	11 1	5 4	8 44	1 18	18 48	0 24	25 17	1 30	23 14	0 15	3 54	2 16	20 6	0 44	19 55	1 15	9 18	15 12	20 12	20 24	5 7		n.a.
W13	15 34	5 54	4 40	9 36	1 8	19 10	0 27	25 15	1 29	23 15	0 15	3 57	2 16	20 5	0 44	19 55	1 15	9 19	15 12	20 12	20 23	5 4		n.a.
T 14	15 52	0 35	4 5	10 28	0 57	19 31	0 29	25 14	1 29	23 17	0 15	4 0	2 17	20 5	0 44	19 55	1 15	9 19	15 12	20 11	20 23	5 1		n.a.
F 15	16 9	4s48	3 18	11 20	0 46	19 51	0 32	25 12	1 29	23 18	0 15	4 2	2 17	20 5	0 44	19 54	1 15	9 19	15 11	20 11	20 22	4 58		n.a.
S 16	16 26	10 4	2 23	12 13	0 35	20 11	0 34	25 10	1 28	23 19	0 15	4 5	2 17	20 4	0 44	19 54	1 15	9 19	15 11	20 10	20 21	4 55		n.a.
S 17	16 43	15 2	1 20	13 5	0 24	20 31	0 36	25 9	1 28	23 21	0 15	4 8	2 17	20 4	0 44	19 54	1 15	9 20	15 11	20 10	20 21	4 52		n.a.
M18	17 0	19 27	0 12	13 57	0 13	20 50	0 38	25 6	1 27	23 22	0 15	4 11	2 17	20 4	0 44	19 53	1 15	9 20	15 10	20 10	20 20	4 48		n.a.
T 19	17 17	23 4	0s57	14 49	0 2	21 8	0 41	25 4	1 27	23 23	0 15	4 13	2 17	20 3	0 43	19 53	1 15	9 20	15 10	20 10	20 19	4 45		n.a.
W20	17 33	25 37	2 4	15 40	0n 9	21 26	0 43	25 2	1 27	23 25	0 15	4 16	2 17	20 3	0 43	19 53	1 15	9 20	15 10	20 10	20 19	4 42		n.a.
T 21	17 49	26 50	3 7	16 30	0 20	21 43	0 45	24 59	1 26	23 26	0 16	4 19	2 17	20 2	0 43	19 53	1 15	9 20	15 9	20 10	20 18	4 39		n.a.
F 22	18 4	26 33	4 0	17 18	0 30	22 0	0 47	24 56	1 26	23 27	0 16	4 21	2 17	20 2	0 43	19 52	1 15	9 20	15 9	20 11	20 17	4 36		n.a.
S 23	18 20	24 44	4 42	18 5	0 40	22 16	0 49	24 53	1 25	23 29	0 16	4 24	2 17	20 1	0 43	19 52	1 15	9 20	15 8	20 11	20 17	4 33		n.a.
S 24	18 35	21 26	5 8	18 51	0 49	22 31	0 51	24 50	1 25	23 30	0 16	4 26	2 17	20 1	0 43	19 52	1 15	9 20	15 8	20 11	20 16	4 30		n.a.
M25	18 50	16 52	5 17	19 34	0 58	22 46	0 53	24 47	1 25	23 31	0 16	4 29	2 18	20 1	0 43	19 51	1 15	9 20	15 8	20 11	20 15	4 27		n.a.
T 26	19 4	11 18	5 6	20 16	1 7	23 0	0 56	24 44	1 24	23 32	0 16	4 32	2 18	20 0	0 43	19 51	1 15	9 21	15 7	20 11	20 14	4 24		n.a.
W27	19 18	5 3	4 37	20 55	1 14	23 13	0 58	24 40	1 24	23 34	0 16	4 34	2 18	20 0	0 43	19 51	1 15	9 21	15 7	20 11	20 14	4 21		n.a.
T 28	19 32	1n31	3 49	21 32	1 22	23 26	1 0	24 36	1 23	23 35	0 16	4 37	2 18	19 59	0 43	19 50	1 15	9 21	15 6	20 11	20 13	4 17		n.a.
F 29	19 46	8 3	2 46	22 6	1 28	23 38	1 1	24 32	1 23	23 36	0 16	4 39	2 18	19 59	0 43	19 50	1 15	9 21	15 6	20 10	20 12	4 14		n.a.
S 30	19 59	14 8	1 32	22 38	1 34	23 50	1 3	24 28	1 23	23 37	0 16	4 42	2 18	19 58	0 43	19 50	1 15	9 21	15 5	20 10	20 12	4 11		n.a.
S 31	20n12	19n23	0s14	23n 7	1n39	24n 0	1n 5	24n24	1n22	23n38	0n16	4n44	2s18	19n58	0n43	19s50	1n15	9n21	15n 5	20n10	20n11	4n 8		n.a.

Julian Day Number = 1365059.5, Delta T = 06h55m35s
Ecliptic obliquity = 23°48'47, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°32'44, Lahiri = -17°25'43 Julian Calendar 1 May 976 BCE == Greg. Calendar 22 Apr. 976 BCE

The year -975 astronomical counting style corresponds to year 976 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 976 BCE
geocentric

JUNE 976 BCE (-975) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 59 59	29♉43'14	10♊24	7♊14	15♊58	14♋53	19♊26	17♈19	5♌14	2°R50	11°R11	28°R40	28♉39	29♍52	n.a.	M 1
T 2	16 3 55	0♊40'21	24°16	9°17	17°12	15°29	19°39	17°25	5°16	2♐48	11♎10	28♉40	28°36	29°59	n.a.	T 2
W 3	16 7 52	1°37'29	7♋47	11°18	18°25	16° 6	19°52	17°32	5°18	2°47	11° 9	28°40	28°32	0♎ 5	n.a.	W 3
T 4	16 11 48	2°34'36	20°56	13°18	19°38	16°42	20° 5	17°38	5°20	2°45	11° 9	28°39	28°29	0°12	n.a.	T 4
F 5	16 15 45	3°31'44	3♌43	15°16	20°52	17°19	20°18	17°44	5°23	2°44	11° 8	28°39	28°26	0°19	n.a.	F 5
S 6	16 19 42	4°28'52	16°11	17°12	22° 5	17°56	20°31	17°51	5°25	2°42	11° 7	28°38	28°23	0°25	n.a.	S 6
S 7	16 23 38	5°26'00	28°23	19° 6	23°19	18°33	20°44	17°57	5°27	2°40	11° 6	28°38	28°20	0°32	n.a.	S 7
M 8	16 27 35	6°23'08	10♍24	20°58	24°32	19°10	20°57	18° 3	5°29	2°39	11° 5	28°D38	28°17	0°39	n.a.	M 8
T 9	16 31 31	7°20'16	22°19	22°49	25°46	19°46	21°10	18° 9	5°32	2°37	11° 5	28°38	28°13	0°46	n.a.	T 9
W10	16 35 28	8°17'25	4♎11	24°38	26°59	20°23	21°23	18°15	5°34	2°35	11° 4	28°39	28°10	0°52	n.a.	W10
T 11	16 39 24	9°14'34	16° 5	26°25	28°12	21° 0	21°36	18°21	5°37	2°34	11° 3	28°40	28° 7	0°59	n.a.	T 11
F 12	16 43 21	10°11'44	28° 5	28°10	29°26	21°37	21°49	18°27	5°39	2°32	11° 3	28°41	28° 4	1° 6	n.a.	F 12
S 13	16 47 17	11° 8'54	10♏15	29°53	0♋39	22°14	22° 2	18°33	5°42	2°31	11° 2	28°42	28° 1	1°12	n.a.	S 13
S 14	16 51 14	12° 6'04	22°38	1♋34	1°53	22°52	22°15	18°39	5°44	2°29	11° 1	28°R43	27°58	1°19	n.a.	S 14
M15	16 55 11	13° 3'15	5♐14	3°14	3° 6	23°29	22°28	18°44	5°47	2°27	11° 1	28°43	27°54	1°26	n.a.	M15
T 16	16 59 7	14° 0'27	18° 7	4°51	4°19	24° 6	22°42	18°50	5°50	2°26	11° 0	28°42	27°51	1°32	n.a.	T 16
W17	17 3 4	14°57'40	1♑15	6°27	5°33	24°43	22°55	18°55	5°52	2°24	11° 0	28°40	27°48	1°39	n.a.	W17
T 18	17 7 0	15°54'54	14°38	8° 1	6°46	25°20	23° 8	19° 1	5°55	2°23	10°59	28°38	27°45	1°46	n.a.	T 18
F 19	17 10 57	16°52'08	28°15	9°34	7°59	25°58	23°21	19° 6	5°58	2°21	10°59	28°36	27°42	1°53	n.a.	F 19
S 20	17 14 53	17°49'24	12♒ 3	11° 4	9°13	26°35	23°34	19°12	6° 1	2°20	10°59	28°33	27°38	1°59	n.a.	S 20
S 21	17 18 50	18°46'41	26° 1	12°32	10°26	27°13	23°48	19°17	6° 3	2°18	10°58	28°32	27°35	2° 6	n.a.	S 21
M22	17 22 47	19°43'59	10♓ 7	13°59	11°39	27°50	24° 1	19°22	6° 6	2°17	10°58	28°30	27°32	2°13	n.a.	M22
T 23	17 26 43	20°41'18	24°18	15°24	12°53	28°28	24°14	19°27	6° 9	2°15	10°58	28°D30	27°29	2°19	n.a.	T 23
W24	17 30 40	21°38'38	8♈33	16°46	14° 6	29° 5	24°27	19°32	6°12	2°14	10°57	28°31	27°26	2°26	n.a.	W24
T 25	17 34 36	22°36'00	22°48	18° 7	15°19	29°43	24°41	19°37	6°15	2°12	10°57	28°32	27°23	2°33	n.a.	T 25
F 26	17 38 33	23°33'23	7♉ 1	19°26	16°33	0♌21	24°54	19°42	6°18	2°11	10°57	28°33	27°19	2°40	n.a.	F 26
S 27	17 42 29	24°30'47	21°10	20°43	17°46	0°59	25° 7	19°47	6°21	2° 9	10°57	28°34	27°16	2°46	n.a.	S 27
S 28	17 46 26	25°28'13	5♊11	21°57	18°59	1°36	25°20	19°52	6°24	2° 8	10°57	28°R34	27°13	2°53	n.a.	S 28
M29	17 50 22	26°25'40	19° 1	23° 9	20°12	2°14	25°34	19°56	6°27	2° 6	10°57	28°33	27°10	3° 0	n.a.	M29
T 30	17 54 19	27♊23'09	2♋37	24♋20	21♋26	2♌52	25♊47	20♈ 1	6♌30	2♐ 5	10♎57	28♉30	27♉ 7	3♎ 6	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n24	23n25	1n 5	23n33	1n43	24n10	1n 7	24n19	1n22	23n40	0n17	4n46	2s18	19n57	0n43	19s49	1n15	9n20	15n 5	20n10	20n10	4n 5		n.a.
T 2	20 37	25 58	2 17	23 57	1 47	24 20	1 9	24 15	1 21	23 41	0 17	4 49	2 19	19 57	0 43	19 49	1 15	9 20	15 4	20 10	20 9	4 2		n.a.
W 3	20 48	26 55	3 20	24 18	1 50	24 28	1 10	24 10	1 21	23 42	0 17	4 51	2 19	19 56	0 43	19 49	1 15	9 20	15 4	20 10	20 9	3 59		n.a.
T 4	21 0	26 17	4 11	24 37	1 53	24 36	1 12	24 5	1 20	23 43	0 17	4 53	2 19	19 55	0 43	19 48	1 15	9 20	15 3	20 10	20 8	3 56		n.a.
F 5	21 11	24 16	4 47	24 53	1 54	24 43	1 14	24 0	1 20	23 44	0 17	4 56	2 19	19 55	0 43	19 48	1 15	9 20	15 3	20 10	20 7	3 52		n.a.
S 6	21 22	21 8	5 9	25 6	1 55	24 50	1 15	23 54	1 20	23 45	0 17	4 58	2 19	19 54	0 43	19 48	1 15	9 20	15 2	20 10	20 7	3 49		n.a.
S 7	21 33	17 9	5 17	25 17	1 56	24 55	1 17	23 49	1 19	23 46	0 17	5 0	2 19	19 54	0 43	19 47	1 15	9 20	15 2	20 10	20 6	3 46		n.a.
M 8	21 43	12 33	5 10	25 25	1 56	25 0	1 18	23 43	1 19	23 47	0 17	5 3	2 19	19 53	0 43	19 47	1 15	9 20	15 1	20 10	20 5	3 43		n.a.
T 9	21 52	7 32	4 50	25 31	1 55	25 4	1 20	23 37	1 18	23 48	0 17	5 5	2 20	19 52	0 43	19 47	1 15	9 20	15 1	20 10	20 4	3 40		n.a.
W10	22 2	2 15	4 18	25 35	1 53	25 8	1 21	23 31	1 18	23 49	0 17	5 7	2 20	19 52	0 43	19 46	1 15	9 19	15 0	20 10	20 4	3 37		n.a.
T 11	22 11	3s 8	3 35	25 37	1 51	25 10	1 22	23 25	1 18	23 50	0 17	5 9	2 20	19 51	0 43	19 46	1 15	9 19	15 0	20 10	20 3	3 34		n.a.
F 12	22 20	8 27	2 41	25 37	1 49	25 12	1 24	23 19	1 17	23 51	0 18	5 11	2 20	19 50	0 43	19 46	1 15	9 19	14 59	20 11	20 2	3 30		n.a.
S 13	22 28	13 32	1 40	25 34	1 45	25 14	1 25	23 12	1 17	23 52	0 18	5 13	2 20	19 50	0 43	19 46	1 15	9 19	14 59	20 11	20 2	3 27		n.a.
S 14	22 36	18 10	0 34	25 30	1 42	25 14	1 26	23 6	1 16	23 53	0 18	5 15	2 20	19 49	0 43	19 45	1 15	9 19	14 58	20 11	20 1	3 24		n.a.
M15	22 43	22 6	0s36	25 24	1 38	25 14	1 27	22 59	1 16	23 53	0 18	5 17	2 21	19 48	0 43	19 45	1 15	9 18	14 58	20 11	20 0	3 21		n.a.
T 16	22 50	25 1	1 45	25 16	1 33	25 13	1 28	22 52	1 15	23 54	0 18	5 19	2 21	19 48	0 43	19 45	1 15	9 18	14 57	20 11	19 59	3 18		n.a.
W17	22 57	26 38	2 50	25 7	1 28	25 11	1 29	22 45	1 15	23 55	0 18	5 21	2 21	19 47	0 43	19 44	1 15	9 18	14 57	20 10	19 59	3 15		n.a.
T 18	23 3	26 45	3 47	24 56	1 22	25 8	1 30	22 37	1 15	23 56	0 18	5 23	2 21	19 46	0 43	19 44	1 15	9 17	14 56	20 10	19 58	3 12		n.a.
F 19	23 9	25 16	4 32	24 44	1 16	25 5	1 31	22 30	1 14	23 57	0 18	5 25	2 21	19 46	0 43	19 44	1 15	9 17	14 56	20 9	19 57	3 8		n.a.
S 20	23 15	22 16	5 2	24 30	1 10	25 0	1 32	22 22	1 14	23 57	0 18	5 27	2 21	19 45	0 43	19 43	1 15	9 17	14 55	20 9	19 56	3 5		n.a.
S 21	23 20	17 57	5 14	24 15	1 3	24 56	1 32	22 14	1 13	23 58	0 18	5 29	2 22	19 44	0 43	19 43	1 15	9 16	14 55	20 9	19 56	3 2		n.a.
M22	23 24	12 38	5 8	23 59	0 56	24 50	1 33	22 6	1 13	23 59	0 18	5 31	2 22	19 43	0 42	19 43	1 15	9 16	14 54	20 8	19 55	2 59		n.a.
T 23	23 29	6 37	4 43	23 42	0 48	24 44	1 33	21 58	1 12	24 0	0 19	5 33	2 22	19 43	0 42	19 43	1 15	9 16	14 54	20 8	19 54	2 56		n.a.
W24	23 33	0 15	4 1	23 24	0 40	24 37	1 34	21 50	1 12	24 0	0 19	5 34	2 22	19 42	0 42	19 42	1 15	9 15	14 53	20 8	19 54	2 53		n.a.
T 25	23 36	6n 9	3 4	23 5	0 32	24 29	1 34	21 41	1 11	24 1	0 19	5 36	2 22	19 41	0 42	19 42	1 15	9 15	14 52	20 9	19 53	2 49		n.a.
F 26	23 39	12 15	1 56	22 45	0 23	24 20	1 35	21 33	1 11	24 2	0 19	5 38	2 23	19 40	0 42	19 42	1 15	9 14	14 52	20 9	19 52	2 46		n.a.
S 27	23 42	17 41	0 41	22 25	0 14	24 11	1 35	21 24	1 11	24 2	0 19	5 39	2 23	19 40	0 42	19 42	1 15	9 14	14 51	20 9	19 51	2 43		n.a.
S 28	23 44	22 6	0n36	22 4	0 4	24 1	1 35	21 15	1 10	24 3	0 19	5 41	2 23	19 39	0 42	19 41	1 15	9 14	14 51	20 9	19 51	2 40		n.a.
M29	23 46	25 10	1 50	21 42	0s 5	23 50	1 35	21 6	1 10	24 3	0 19	5 43	2 23	19 38	0 42	19 41	1 15	9 13	14 50	20 9	19 50	2 37		n.a.
T 30	23n47	26n43	2n56	21n20	0s15	23n39	1n35	20n57	1n 9	24n 4	0n19	5n44	2s23	19n37	0n42	19s41	1n15	9n13	14n50	20n 8	19n49	2n34		n.a.

Julian Day Number = 1365090.5, Delta T = 06h55m34s
Ecliptic obliquity = 23°48'46, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°32'40, Lahiri = -17°25'39 Julian Calendar 1 June 976 BCE == Greg. Calendar 23 May 976 BCE

The year -975 astronomical counting style corresponds to year 976 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 976 BCE
geocentric

JULY 976 BCE (-975) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 58 16	28♊20'38	15♋57	25♋27	22♋39	3♌30	26♊ 0	20♈ 6	6♌34	2°R 3	10°D57	28°R27	27♉ 4	3♎13	n.a.	W 1
T 2	18 2 12	29°18'09	28°58	26°33	23°52	4° 8	26°13	20°10	6°37	2♐ 2	10♎57	28♉22	27° 0	3°20	n.a.	T 2
F 3	18 6 9	0♋15'41	11♌42	27°35	25° 5	4°46	26°27	20°14	6°40	2° 1	10°57	28°17	26°57	3°26	n.a.	F 3
S 4	18 10 5	1°13'13	24° 9	28°36	26°19	5°25	26°40	20°19	6°43	1°59	10°57	28°12	26°54	3°33	n.a.	S 4
S 5	18 14 2	2°10'47	6♍21	29°33	27°32	6° 3	26°53	20°23	6°47	1°58	10°57	28° 8	26°51	3°40	n.a.	S 5
M 6	18 17 58	3° 8'22	18°22	0♌27	28°45	6°41	27° 6	20°27	6°50	1°56	10°57	28° 5	26°48	3°46	n.a.	M 6
T 7	18 21 55	4° 5'58	0♎15	1°19	29°58	7°19	27°19	20°31	6°53	1°55	10°57	28°D 4	26°44	3°53	n.a.	T 7
W 8	18 25 51	5° 3'35	12° 7	2° 7	1♌11	7°58	27°33	20°35	6°56	1°54	10°57	28° 4	26°41	4° 0	n.a.	W 8
T 9	18 29 48	6° 1'14	24° 1	2°52	2°24	8°36	27°46	20°38	7° 0	1°53	10°58	28° 5	26°38	4° 7	n.a.	T 9
F 10	18 33 45	6°58'53	6♏ 3	3°33	3°37	9°14	27°59	20°42	7° 3	1°51	10°58	28° 7	26°35	4°13	n.a.	F 10
S 11	18 37 41	7°56'34	18°16	4°10	4°51	9°53	28°12	20°46	7° 7	1°50	10°58	28° 8	26°32	4°20	n.a.	S 11
S 12	18 41 38	8°54'16	0♐46	4°44	6° 4	10°32	28°25	20°49	7°10	1°49	10°59	28°R 9	26°29	4°27	n.a.	S 12
M13	18 45 34	9°52'00	13°35	5°13	7°17	11°10	28°38	20°53	7°14	1°48	10°59	28° 7	26°25	4°33	n.a.	M13
T 14	18 49 31	10°49'45	26°45	5°38	8°30	11°49	28°51	20°56	7°17	1°46	10°59	28° 4	26°22	4°40	n.a.	T 14
W15	18 53 27	11°47'31	10♑15	5°58	9°43	12°27	29° 5	20°59	7°21	1°45	11° 0	28° 0	26°19	4°47	n.a.	W15
T 16	18 57 24	12°45'20	24° 4	6°13	10°56	13° 6	29°18	21° 2	7°24	1°44	11° 0	27°53	26°16	4°53	n.a.	T 16
F 17	19 1 21	13°43'09	8♒ 8	6°23	12° 9	13°45	29°31	21° 5	7°28	1°43	11° 1	27°46	26°13	5° 0	n.a.	F 17
S 18	19 5 17	14°41'01	22°23	6°R28	13°22	14°24	29°44	21° 8	7°31	1°42	11° 1	27°39	26°10	5° 7	n.a.	S 18
S 19	19 9 14	15°38'54	6♓43	6°27	14°35	15° 3	29°57	21°11	7°35	1°41	11° 2	27°33	26° 6	5°14	n.a.	S 19
M20	19 13 10	16°36'50	21° 4	6°20	15°47	15°42	0♋10	21°14	7°38	1°40	11° 3	27°28	26° 3	5°20	n.a.	M20
T 21	19 17 7	17°34'47	5♈22	6° 7	17° 0	16°21	0°23	21°17	7°42	1°39	11° 3	27°26	26° 0	5°27	n.a.	T 21
W22	19 21 3	18°32'46	19°33	5°48	18°13	17° 0	0°35	21°19	7°46	1°38	11° 4	27°D25	25°57	5°34	n.a.	W22
T 23	19 25 0	19°30'47	3♉36	5°23	19°26	17°39	0°48	21°22	7°49	1°37	11° 5	27°26	25°54	5°40	n.a.	T 23
F 24	19 28 56	20°28'51	17°30	4°53	20°39	18°18	1° 1	21°24	7°53	1°36	11° 5	27°26	25°50	5°47	n.a.	F 24
S 25	19 32 53	21°26'56	1♊16	4°16	21°52	18°57	1°14	21°26	7°57	1°35	11° 6	27°R27	25°47	5°54	n.a.	S 25
S 26	19 36 49	22°25'04	14°51	3°34	23° 4	19°36	1°27	21°28	8° 0	1°34	11° 7	27°25	25°44	6° 0	n.a.	S 26
M27	19 40 46	23°23'14	28°17	2°48	24°17	20°16	1°40	21°30	8° 4	1°33	11° 8	27°22	25°41	6° 7	n.a.	M27
T 28	19 44 43	24°21'26	11♋30	1°56	25°30	20°55	1°52	21°32	8° 8	1°33	11° 9	27°15	25°38	6°14	n.a.	T 28
W29	19 48 39	25°19'39	24°32	1° 2	26°43	21°35	2° 5	21°34	8°11	1°32	11°10	27° 7	25°35	6°20	n.a.	W29
T 30	19 52 36	26°17'55	7♌20	0° 5	27°55	22°14	2°18	21°36	8°15	1°31	11°11	26°57	25°31	6°27	n.a.	T 30
F 31	19 56 32	27♋16'12	19♌54	29♋ 6	29♌ 8	22♌54	2♋30	21♈37	8♌19	1♐30	11♎12	26♉46	25♉28	6♎34	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n48	26n39	3n50	20n58	0s25	23n27	1n35	20n47	1n 9	24n 4	0n19	5n46	2s24	19n36	0n42	19s40	1n15	9n12	14n49	20n 7	19n48	2n30			n.a.
T 2	23 49	25 7	4 32	20 35	0 36	23 14	1 35	20 38	1 8	24 5	0 19	5 47	2 24	19 35	0 42	19 40	1 15	9 12	14 49	20 6	19 48	2 27			n.a.
F 3	23 49	22 19	4 59	20 13	0 46	23 0	1 35	20 28	1 8	24 5	0 20	5 49	2 24	19 35	0 42	19 40	1 15	9 11	14 48	20 5	19 47	2 24			n.a.
S 4	23 48	18 33	5 11	19 50	0 57	22 46	1 35	20 18	1 7	24 6	0 20	5 50	2 24	19 34	0 42	19 40	1 15	9 10	14 47	20 4	19 46	2 21			n.a.
S 5	23 48	14 5	5 8	19 27	1 8	22 31	1 35	20 8	1 7	24 6	0 20	5 51	2 24	19 33	0 42	19 40	1 15	9 10	14 47	20 3	19 45	2 18			n.a.
M 6	23 46	9 9	4 52	19 5	1 19	22 16	1 34	19 58	1 6	24 7	0 20	5 53	2 25	19 32	0 42	19 39	1 15	9 9	14 46	20 3	19 45	2 15			n.a.
T 7	23 45	3 55	4 24	18 42	1 31	22 0	1 34	19 47	1 6	24 7	0 20	5 54	2 25	19 31	0 42	19 39	1 15	9 9	14 46	20 2	19 44	2 11			n.a.
W 8	23 43	1s26	3 44	18 20	1 42	21 43	1 33	19 37	1 6	24 7	0 20	5 55	2 25	19 30	0 42	19 39	1 15	9 8	14 45	20 2	19 43	2 8			n.a.
T 9	23 40	6 45	2 55	17 59	1 54	21 26	1 33	19 26	1 5	24 8	0 20	5 57	2 25	19 29	0 42	19 39	1 15	9 8	14 45	20 3	19 42	2 5			n.a.
F 10	23 38	11 54	1 57	17 38	2 5	21 8	1 32	19 16	1 5	24 8	0 20	5 58	2 25	19 29	0 42	19 38	1 15	9 7	14 44	20 3	19 42	2 2			n.a.
S 11	23 34	16 41	0 53	17 18	2 17	20 49	1 31	19 5	1 4	24 8	0 20	5 59	2 26	19 28	0 42	19 38	1 14	9 6	14 44	20 3	19 41	1 59			n.a.
S 12	23 30	20 52	0s14	16 59	2 28	20 30	1 30	18 54	1 4	24 9	0 21	6 0	2 26	19 27	0 42	19 38	1 14	9 6	14 43	20 3	19 40	1 55			n.a.
M13	23 26	24 9	1 23	16 41	2 40	20 11	1 29	18 42	1 3	24 9	0 21	6 1	2 26	19 26	0 42	19 38	1 14	9 5	14 42	20 3	19 39	1 52			n.a.
T 14	23 22	26 15	2 29	16 24	2 51	19 50	1 28	18 31	1 3	24 9	0 21	6 2	2 26	19 25	0 42	19 38	1 14	9 4	14 42	20 2	19 39	1 49			n.a.
W15	23 17	26 52	3 28	16 8	3 2	19 30	1 27	18 19	1 2	24 9	0 21	6 3	2 27	19 24	0 42	19 37	1 14	9 4	14 41	20 1	19 38	1 46			n.a.
T 16	23 11	25 50	4 16	15 53	3 13	19 8	1 26	18 8	1 2	24 10	0 21	6 4	2 27	19 23	0 42	19 37	1 14	9 3	14 41	20 0	19 37	1 43			n.a.
F 17	23 6	23 10	4 50	15 41	3 24	18 47	1 25	17 56	1 1	24 10	0 21	6 5	2 27	19 22	0 42	19 37	1 14	9 2	14 40	19 58	19 36	1 39			n.a.
S 18	22 59	19 5	5 6	15 30	3 34	18 24	1 24	17 44	1 1	24 10	0 21	6 6	2 27	19 21	0 42	19 37	1 14	9 1	14 40	19 57	19 36	1 36			n.a.
S 19	22 53	13 52	5 3	15 21	3 44	18 2	1 22	17 32	1 0	24 10	0 21	6 7	2 28	19 20	0 42	19 37	1 14	9 1	14 39	19 55	19 35	1 33			n.a.
M20	22 46	7 54	4 42	15 14	3 52	17 38	1 21	17 20	1 0	24 10	0 21	6 8	2 28	19 19	0 42	19 36	1 14	9 0	14 38	19 54	19 34	1 30			n.a.
T 21	22 38	1 33	4 3	15 9	4 0	17 14	1 19	17 8	0 59	24 10	0 22	6 8	2 28	19 18	0 42	19 36	1 14	8 59	14 38	19 54	19 33	1 27			n.a.
W22	22 30	4n51	3 9	15 7	4 8	16 50	1 18	16 55	0 59	24 10	0 22	6 9	2 28	19 17	0 42	19 36	1 14	8 58	14 37	19 53	19 33	1 23			n.a.
T 23	22 22	10 58	2 5	15 7	4 14	16 26	1 16	16 43	0 58	24 10	0 22	6 10	2 29	19 16	0 42	19 36	1 14	8 58	14 37	19 53	19 32	1 20			n.a.
F 24	22 13	16 28	0 53	15 10	4 18	16 1	1 15	16 30	0 58	24 10	0 22	6 11	2 29	19 15	0 42	19 36	1 14	8 57	14 36	19 54	19 31	1 17			n.a.
S 25	22 4	21 4	0n20	15 15	4 22	15 35	1 13	16 17	0 57	24 10	0 22	6 11	2 29	19 15	0 42	19 36	1 14	8 56	14 36	19 54	19 30	1 14			n.a.
S 26	21 55	24 28	1 32	15 23	4 24	15 9	1 11	16 4	0 57	24 10	0 22	6 12	2 29	19 14	0 42	19 36	1 14	8 55	14 35	19 53	19 30	1 11			n.a.
M27	21 45	26 25	2 37	15 34	4 24	14 43	1 9	15 51	0 56	24 10	0 22	6 12	2 29	19 13	0 42	19 35	1 14	8 54	14 35	19 53	19 29	1 7			n.a.
T 28	21 35	26 50	3 33	15 47	4 22	14 16	1 7	15 38	0 56	24 10	0 22	6 13	2 30	19 12	0 42	19 35	1 14	8 54	14 34	19 51	19 28	1 4			n.a.
W29	21 24	25 45	4 16	16 2	4 19	13 49	1 5	15 24	0 55	24 10	0 22	6 13	2 30	19 11	0 42	19 35	1 14	8 53	14 34	19 49	19 27	1 1			n.a.
T 30	21 13	23 20	4 46	16 20	4 13	13 22	1 3	15 11	0 55	24 10	0 23	6 14	2 30	19 10	0 42	19 35	1 14	8 52	14 33	19 47	19 26	0 58			n.a.
F 31	21n 2	19n50	5n 1	16n39	4s 6	12n54	1n 1	14n57	0n54	24n10	0n23	6n14	2s30	19n 9	0n42	19s35	1n14	8n51	14n32	19n44	19n26	0n55			n.a.

Julian Day Number = 1365120.5, Delta T = 06h55m32s
Ecliptic obliquity = 23°48'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°32'36, Lahiri = -17°25'35 Julian Calendar 1 July 976 BCE == Greg. Calendar 22 June 976 BCE

The year -975 astronomical counting style corresponds to year 976 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 976 BCE
geocentric

AUGUST 976 BCE (-975) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 0 29	28♋14'32	2♍14	28°R 7	0♍21	23♌33	2♋43	21♈39	8♌23	1°R30	11♎13	26°R35	25♉25	6♎41	n.a.	S 1
S 2	20 4 25	29°12'52	14°22	27♋ 9	1°33	24°13	2°55	21°40	8°26	1♐29	11°14	26♉26	25°22	6°47	n.a.	S 2
M 3	20 8 22	0♌11'15	26°21	26°14	2°46	24°52	3° 8	21°41	8°30	1°28	11°15	26°18	25°19	6°54	n.a.	M 3
T 4	20 12 18	1° 9'39	8♎12	25°22	3°59	25°32	3°20	21°43	8°34	1°28	11°16	26°13	25°16	7° 1	n.a.	T 4
W 5	20 16 15	2° 8'06	20° 2	24°36	5°11	26°12	3°33	21°44	8°38	1°27	11°17	26°10	25°12	7° 7	n.a.	W 5
T 6	20 20 12	3° 6'34	1♏54	23°55	6°24	26°52	3°45	21°45	8°41	1°26	11°18	26°D10	25° 9	7°14	n.a.	T 6
F 7	20 24 8	4° 5'03	13°54	23°22	7°36	27°32	3°57	21°45	8°45	1°26	11°19	26°10	25° 6	7°21	n.a.	F 7
S 8	20 28 5	5° 3'35	26° 7	22°56	8°49	28°12	4°10	21°46	8°49	1°25	11°21	26°R10	25° 3	7°27	n.a.	S 8
S 9	20 32 1	6° 2'08	8♐38	22°40	10° 1	28°52	4°22	21°47	8°53	1°25	11°22	26°10	25° 0	7°34	n.a.	S 9
M10	20 35 58	7° 0'44	21°32	22°D32	11°13	29°32	4°34	21°47	8°57	1°24	11°23	26° 7	24°56	7°41	n.a.	M10
T 11	20 39 54	7°59'21	4♑51	22°34	12°26	0♍12	4°46	21°48	9° 0	1°24	11°25	26° 2	24°53	7°47	n.a.	T 11
W12	20 43 51	8°58'00	18°37	22°45	13°38	0°52	4°58	21°48	9° 4	1°24	11°26	25°54	24°50	7°54	n.a.	W12
T 13	20 47 47	9°56'41	2♒46	23° 6	14°50	1°32	5°10	21°48	9° 8	1°23	11°27	25°45	24°47	8° 1	n.a.	T 13
F 14	20 51 44	10°55'24	17°15	23°36	16° 3	2°13	5°22	21°R48	9°12	1°23	11°29	25°34	24°44	8° 7	n.a.	F 14
S 15	20 55 41	11°54'09	1♓57	24°15	17°15	2°53	5°34	21°48	9°16	1°23	11°30	25°23	24°41	8°14	n.a.	S 15
S 16	20 59 37	12°52'56	16°44	25° 3	18°27	3°33	5°46	21°48	9°19	1°22	11°32	25°13	24°37	8°21	n.a.	S 16
M17	21 3 34	13°51'46	1♈28	25°58	19°39	4°14	5°57	21°48	9°23	1°22	11°33	25° 5	24°34	8°28	n.a.	M17
T 18	21 7 30	14°50'38	16° 1	27° 1	20°51	4°54	6° 9	21°47	9°27	1°22	11°35	25° 0	24°31	8°34	n.a.	T 18
W19	21 11 27	15°49'32	0♉21	28°11	22° 3	5°35	6°20	21°47	9°31	1°22	11°36	24°58	24°28	8°41	n.a.	W19
T 20	21 15 23	16°48'29	14°24	29°27	23°15	6°15	6°32	21°46	9°35	1°22	11°38	24°D57	24°25	8°48	n.a.	T 20
F 21	21 19 20	17°47'28	28°11	0♌48	24°27	6°56	6°43	21°46	9°38	1°22	11°39	24°R57	24°22	8°54	n.a.	F 21
S 22	21 23 16	18°46'30	11♊42	2°15	25°39	7°37	6°55	21°45	9°42	1°22	11°41	24°57	24°18	9° 1	n.a.	S 22
S 23	21 27 13	19°45'35	24°59	3°45	26°51	8°17	7° 6	21°44	9°46	1°D22	11°43	24°54	24°15	9° 8	n.a.	S 23
M24	21 31 9	20°44'41	8♋ 3	5°19	28° 3	8°58	7°17	21°43	9°50	1°22	11°44	24°49	24°12	9°14	n.a.	M24
T 25	21 35 6	21°43'51	20°56	6°56	29°15	9°39	7°29	21°42	9°53	1°22	11°46	24°40	24° 9	9°21	n.a.	T 25
W26	21 39 3	22°43'02	3♌38	8°36	0♎26	10°20	7°40	21°40	9°57	1°22	11°48	24°29	24° 6	9°28	n.a.	W26
T 27	21 42 59	23°42'16	16° 9	10°17	1°38	11° 1	7°51	21°39	10° 1	1°22	11°50	24°16	24° 2	9°34	n.a.	T 27
F 28	21 46 56	24°41'32	28°30	12° 1	2°50	11°42	8° 2	21°37	10° 4	1°22	11°51	24° 2	23°59	9°41	n.a.	F 28
S 29	21 50 52	25°40'50	10♍41	13°45	4° 1	12°23	8°13	21°36	10° 8	1°22	11°53	23°48	23°56	9°48	n.a.	S 29
S 30	21 54 49	26°40'10	22°43	15°30	5°13	13° 4	8°23	21°34	10°12	1°22	11°55	23°35	23°53	9°54	n.a.	S 30
M31	21 58 45	27♌39'32	4♎37	17♌16	6♎25	13♍45	8♋34	21♈32	10♌16	1♐23	11♎57	23♉25	23♉50	10♎ 1	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	20n50	15n31	5n 2	17n 0	3s56	12n26	0n58	14n43	0n54	24n10	0n23	6n14	2s31	19n 8	0n42	19s35	1n14	8n50	14n32	19n42	19n25	0n51		n.a.	S 1
S 2	20 38	10 40	4 49	17 23	3 45	11 57	0 56	14 30	0 53	24 10	0 23	6 15	2 31	19 7	0 42	19 35	1 14	8 49	14 31	19 39	19 24	0 48		n.a.	S 2
M 3	20 26	5 29	4 23	17 46	3 32	11 29	0 54	14 16	0 53	24 10	0 23	6 15	2 31	19 6	0 42	19 35	1 14	8 48	14 31	19 38	19 23	0 45		n.a.	M 3
T 4	20 13	0 9	3 46	18 10	3 17	11 0	0 51	14 2	0 52	24 9	0 23	6 15	2 31	19 5	0 42	19 35	1 13	8 47	14 30	19 36	19 23	0 42		n.a.	T 4
W 5	20 0	5s11	3 0	18 34	3 1	10 30	0 49	13 47	0 52	24 9	0 23	6 15	2 32	19 4	0 42	19 34	1 13	8 46	14 30	19 36	19 22	0 39		n.a.	W 5
T 6	19 46	10 22	2 5	18 58	2 44	10 1	0 46	13 33	0 51	24 9	0 24	6 15	2 32	19 3	0 42	19 34	1 13	8 46	14 29	19 36	19 21	0 35		n.a.	T 6
F 7	19 32	15 14	1 5	19 21	2 26	9 31	0 43	13 19	0 51	24 9	0 24	6 16	2 32	19 2	0 42	19 34	1 13	8 45	14 29	19 36	19 20	0 32		n.a.	F 7
S 8	19 18	19 35	0 0	19 44	2 8	9 1	0 41	13 4	0 50	24 9	0 24	6 16	2 32	19 1	0 42	19 34	1 13	8 44	14 28	19 36	19 19	0 29		n.a.	S 8
S 9	19 3	23 10	1s 6	20 5	1 49	8 31	0 38	12 50	0 50	24 8	0 24	6 16	2 33	19 0	0 42	19 34	1 13	8 43	14 28	19 36	19 19	0 26		n.a.	S 9
M10	18 48	25 42	2 10	20 25	1 30	8 1	0 35	12 35	0 49	24 8	0 24	6 16	2 33	18 59	0 42	19 34	1 13	8 42	14 27	19 35	19 18	0 22		n.a.	M10
T 11	18 33	26 53	3 10	20 43	1 11	7 30	0 32	12 20	0 49	24 8	0 24	6 15	2 33	18 58	0 42	19 34	1 13	8 41	14 27	19 34	19 17	0 19		n.a.	T 11
W12	18 18	26 28	4 0	21 0	0 53	6 59	0 29	12 5	0 48	24 7	0 24	6 15	2 33	18 57	0 42	19 34	1 13	8 40	14 26	19 32	19 16	0 16		n.a.	W12
T 13	18 2	24 20	4 37	21 14	0 35	6 28	0 26	11 50	0 48	24 7	0 24	6 15	2 34	18 56	0 42	19 34	1 13	8 39	14 26	19 30	19 16	0 13		n.a.	T 13
F 14	17 46	20 37	4 58	21 25	0 18	5 57	0 23	11 35	0 47	24 7	0 25	6 15	2 34	18 54	0 42	19 34	1 13	8 38	14 25	19 27	19 15	0 10		n.a.	F 14
S 15	17 29	15 35	4 59	21 34	0 2	5 26	0 20	11 20	0 47	24 6	0 25	6 15	2 34	18 53	0 42	19 34	1 13	8 37	14 25	19 24	19 14	0 6		n.a.	S 15
S 16	17 13	9 36	4 40	21 41	0n13	4 54	0 17	11 4	0 46	24 6	0 25	6 14	2 34	18 52	0 42	19 34	1 13	8 36	14 24	19 22	19 13	0 3		n.a.	S 16
M17	16 55	3 7	4 3	21 44	0 28	4 23	0 14	10 49	0 46	24 6	0 25	6 14	2 35	18 51	0 42	19 34	1 13	8 35	14 24	19 20	19 12	0s 0		n.a.	M17
T 18	16 38	3n29	3 10	21 45	0 41	3 51	0 11	10 33	0 45	24 5	0 25	6 14	2 35	18 50	0 42	19 34	1 13	8 34	14 23	19 19	19 12	0 3		n.a.	T 18
W19	16 20	9 48	2 6	21 43	0 53	3 19	0 8	10 18	0 44	24 5	0 25	6 13	2 35	18 49	0 42	19 34	1 13	8 33	14 23	19 18	19 11	0 7		n.a.	W19
T 20	16 3	15 32	0 56	21 37	1 4	2 47	0 5	10 2	0 44	24 4	0 25	6 13	2 35	18 48	0 42	19 34	1 13	8 32	14 23	19 18	19 10	0 10		n.a.	T 20
F 21	15 44	20 21	0n17	21 29	1 13	2 15	0 1	9 46	0 43	24 4	0 26	6 12	2 36	18 47	0 42	19 34	1 13	8 31	14 22	19 18	19 9	0 13		n.a.	F 21
S 22	15 26	23 59	1 27	21 18	1 22	1 43	0s 2	9 30	0 43	24 3	0 26	6 12	2 36	18 46	0 42	19 34	1 13	8 30	14 22	19 18	19 9	0 16		n.a.	S 22
S 23	15 7	26 14	2 31	21 4	1 29	1 11	0 5	9 15	0 42	24 3	0 26	6 11	2 36	18 45	0 42	19 34	1 13	8 29	14 21	19 17	19 8	0 19		n.a.	S 23
M24	14 48	27 0	3 26	20 47	1 36	0 39	0 9	8 58	0 42	24 3	0 26	6 11	2 36	18 44	0 42	19 34	1 12	8 28	14 21	19 16	19 7	0 23		n.a.	M24
T 25	14 29	26 16	4 10	20 27	1 41	0 7	0 12	8 42	0 41	24 2	0 26	6 10	2 37	18 43	0 42	19 34	1 12	8 26	14 20	19 14	19 6	0 26		n.a.	T 25
W26	14 9	24 11	4 40	20 5	1 45	0s25	0 16	8 26	0 41	24 2	0 26	6 9	2 37	18 42	0 42	19 34	1 12	8 25	14 20	19 11	19 5	0 29		n.a.	W26
T 27	13 50	20 57	4 57	19 41	1 49	0 57	0 19	8 10	0 40	24 1	0 26	6 9	2 37	18 41	0 42	19 35	1 12	8 24	14 19	19 8	19 5	0 32		n.a.	T 27
F 28	13 30	16 50	4 59	19 14	1 51	1 29	0 23	7 53	0 40	24 1	0 27	6 8	2 37	18 40	0 42	19 35	1 12	8 23	14 19	19 4	19 4	0 36		n.a.	F 28
S 29	13 9	12 5	4 47	18 45	1 53	2 1	0 26	7 37	0 39	24 0	0 27	6 7	2 37	18 39	0 42	19 35	1 12	8 22	14 19	19 1	19 3	0 39		n.a.	S 29
S 30	12 49	6 56	4 22	18 15	1 54	2 34	0 30	7 21	0 38	23 59	0 27	6 6	2 38	18 38	0 42	19 35	1 12	8 21	14 18	18 58	19 2	0 42		n.a.	S 30
M31	12n28	1n36	3n47	17n42	1n54	3s 6	0s33	7n 4	0n38	23n59	0n27	6n 5	2s38	18n37	0n42	19s35	1n12	8n20	14n18	18n55	19n 1	0s45		n.a.	M31

Julian Day Number = 1365151.5, Delta T = 06h55m31s
Ecliptic obliquity = 23°48'47, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°32'31, Lahiri = -17°25'31 Julian Calendar 1 Aug. 976 BCE == Greg. Calendar 23 July 976 BCE

The year -975 astronomical counting style corresponds to year 976 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 976 BCE
geocentric

SEPTEMBER 976 BCE (-975) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 2 42	28♌38'56	16♎26	19♌ 2	7♎36	14♍27	8♋45	21°R31	10♌19	1♐23	11♎59	23°R18	23♉47	10♎ 8	n.a.	T 1
W 2	22 6 38	29°38'22	28°13	20°49	8°48	15° 8	8°55	21♈28	10°23	1°23	12° 1	23♉13	23°43	10°15	n.a.	W 2
T 3	22 10 35	0♍37'50	10♏ 3	22°35	9°59	15°49	9° 5	21°26	10°27	1°24	12° 3	23°11	23°40	10°21	n.a.	T 3
F 4	22 14 32	1°37'20	22° 0	24°21	11°10	16°31	9°16	21°24	10°30	1°24	12° 5	23°D10	23°37	10°28	n.a.	F 4
S 5	22 18 28	2°36'52	4♐10	26° 7	12°22	17°12	9°26	21°22	10°34	1°24	12° 6	23°R10	23°34	10°35	n.a.	S 5
S 6	22 22 25	3°36'26	16°37	27°53	13°33	17°54	9°36	21°19	10°37	1°25	12° 8	23°10	23°31	10°41	n.a.	S 6
M 7	22 26 21	4°36'02	29°29	29°38	14°44	18°35	9°46	21°17	10°41	1°25	12°10	23° 7	23°28	10°48	n.a.	M 7
T 8	22 30 18	5°35'39	12♑47	1♍23	15°55	19°17	9°56	21°14	10°44	1°26	12°13	23° 3	23°24	10°55	n.a.	T 8
W 9	22 34 14	6°35'19	26°35	3° 7	17° 6	19°59	10° 6	21°12	10°48	1°26	12°15	22°56	23°21	11° 1	n.a.	W 9
T 10	22 38 11	7°35'01	10♒52	4°51	18°17	20°40	10°16	21° 9	10°51	1°27	12°17	22°46	23°18	11° 8	n.a.	T 10
F 11	22 42 7	8°34'44	25°34	6°34	19°28	21°22	10°25	21° 6	10°55	1°27	12°19	22°36	23°15	11°15	n.a.	F 11
S 12	22 46 4	9°34'29	10♓34	8°16	20°39	22° 4	10°35	21° 3	10°58	1°28	12°21	22°25	23°12	11°21	n.a.	S 12
S 13	22 50 0	10°34'17	25°43	9°58	21°50	22°46	10°44	21° 0	11° 2	1°29	12°23	22°15	23° 8	11°28	n.a.	S 13
M14	22 53 57	11°34'07	10♈49	11°39	23° 0	23°28	10°54	20°57	11° 5	1°29	12°25	22° 7	23° 5	11°35	n.a.	M14
T 15	22 57 54	12°33'59	25°44	13°20	24°11	24°10	11° 3	20°53	11° 9	1°30	12°27	22° 2	23° 2	11°41	n.a.	T 15
W16	23 1 50	13°33'53	10♉21	15° 0	25°22	24°52	11°12	20°50	11°12	1°31	12°29	22° 0	22°59	11°48	n.a.	W16
T 17	23 5 47	14°33'49	24°36	16°39	26°32	25°34	11°21	20°47	11°15	1°32	12°32	21°D59	22°56	11°55	n.a.	T 17
F 18	23 9 43	15°33'49	8♊28	18°18	27°42	26°16	11°30	20°43	11°19	1°33	12°34	21°59	22°53	12° 1	n.a.	F 18
S 19	23 13 40	16°33'50	21°57	19°56	28°53	26°58	11°38	20°40	11°22	1°34	12°36	22°R 0	22°49	12° 8	n.a.	S 19
S 20	23 17 36	17°33'54	5♋ 7	21°34	0♏ 3	27°41	11°47	20°36	11°25	1°34	12°38	21°58	22°46	12°15	n.a.	S 20
M21	23 21 33	18°34'00	17°59	23°11	1°13	28°23	11°56	20°32	11°28	1°35	12°40	21°54	22°43	12°21	n.a.	M21
T 22	23 25 29	19°34'08	0♌37	24°48	2°23	29° 5	12° 4	20°28	11°32	1°36	12°43	21°48	22°40	12°28	n.a.	T 22
W23	23 29 26	20°34'19	13° 3	26°24	3°33	29°48	12°12	20°24	11°35	1°37	12°45	21°39	22°37	12°35	n.a.	W23
T 24	23 33 23	21°34'31	25°20	28° 0	4°43	0♎30	12°20	20°20	11°38	1°38	12°47	21°28	22°33	12°41	n.a.	T 24
F 25	23 37 19	22°34'46	7♍27	29°35	5°53	1°13	12°28	20°16	11°41	1°39	12°50	21°16	22°30	12°48	n.a.	F 25
S 26	23 41 16	23°35'02	19°28	1♎10	7° 3	1°56	12°36	20°12	11°44	1°40	12°52	21° 5	22°27	12°55	n.a.	S 26
S 27	23 45 12	24°35'21	1♎23	2°44	8°13	2°38	12°44	20° 8	11°47	1°42	12°54	20°54	22°24	13° 2	n.a.	S 27
M28	23 49 9	25°35'41	13°13	4°18	9°22	3°21	12°52	20° 4	11°50	1°43	12°57	20°46	22°21	13° 8	n.a.	M28
T 29	23 53 5	26°36'03	25° 1	5°51	10°32	4° 4	12°59	20° 0	11°53	1°44	12°59	20°40	22°18	13°15	n.a.	T 29
W30	23 57 2	27♍36'27	6♏49	7♎24	11♏41	4♎47	13♋ 6	19♈55	11♌56	1♐45	13♎ 1	20♉36	22♉14	13♎22	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n 8	3s46	3n 1	17n 8	1n53	3s38	0s37	6n47	0n37	23n58	0n27	6n 4	2s38	18n36	0n42	19s35	1n12	8n19	14n17	18n53	19n 1	0s49		n.a.
W 2	11 47	9 1	2 8	16 33	1 52	4 10	0 41	6 31	0 37	23 58	0 27	6 4	2 38	18 35	0 42	19 35	1 12	8 18	14 17	18 52	19 0	0 52		n.a.
T 3	11 25	13 58	1 9	15 56	1 50	4 41	0 44	6 14	0 36	23 57	0 28	6 3	2 39	18 34	0 42	19 35	1 12	8 17	14 17	18 51	18 59	0 55		n.a.
F 4	11 4	18 27	0 6	15 18	1 48	5 13	0 48	5 57	0 36	23 57	0 28	6 1	2 39	18 33	0 42	19 35	1 12	8 16	14 16	18 51	18 58	0 58		n.a.
S 5	10 42	22 15	0s58	14 39	1 46	5 45	0 52	5 40	0 35	23 56	0 28	6 0	2 39	18 32	0 42	19 35	1 12	8 15	14 16	18 51	18 57	1 2		n.a.
S 6	10 20	25 8	2 1	14 0	1 42	6 16	0 55	5 23	0 34	23 56	0 28	5 59	2 39	18 31	0 42	19 36	1 12	8 13	14 16	18 51	18 57	1 5		n.a.
M 7	9 58	26 48	3 0	13 19	1 39	6 48	0 59	5 6	0 34	23 55	0 28	5 58	2 39	18 30	0 42	19 36	1 12	8 12	14 15	18 51	18 56	1 8		n.a.
T 8	9 36	27 1	3 51	12 37	1 35	7 19	1 2	4 49	0 33	23 54	0 28	5 57	2 39	18 29	0 42	19 36	1 12	8 11	14 15	18 49	18 55	1 11		n.a.
W 9	9 14	25 35	4 31	11 55	1 31	7 50	1 6	4 32	0 33	23 54	0 29	5 56	2 40	18 28	0 42	19 36	1 12	8 10	14 15	18 48	18 54	1 15		n.a.
T 10	8 51	22 30	4 55	11 13	1 26	8 21	1 10	4 15	0 32	23 53	0 29	5 55	2 40	18 28	0 42	19 36	1 12	8 9	14 14	18 45	18 53	1 18		n.a.
F 11	8 29	17 54	5 1	10 30	1 21	8 52	1 13	3 57	0 32	23 53	0 29	5 53	2 40	18 27	0 42	19 36	1 12	8 8	14 14	18 42	18 52	1 21		n.a.
S 12	8 6	12 7	4 47	9 46	1 16	9 22	1 17	3 40	0 31	23 52	0 29	5 52	2 40	18 26	0 42	19 37	1 12	8 7	14 14	18 40	18 52	1 24		n.a.
S 13	7 43	5 34	4 12	9 2	1 11	9 53	1 21	3 23	0 30	23 51	0 29	5 51	2 40	18 25	0 42	19 37	1 11	8 6	14 13	18 37	18 51	1 27		n.a.
M14	7 20	1n17	3 20	8 18	1 5	10 23	1 24	3 5	0 30	23 51	0 29	5 49	2 41	18 24	0 42	19 37	1 11	8 5	14 13	18 35	18 50	1 31		n.a.
T 15	6 57	8 1	2 15	7 34	1 0	10 53	1 28	2 48	0 29	23 50	0 30	5 48	2 41	18 23	0 42	19 37	1 11	8 4	14 13	18 34	18 49	1 34		n.a.
W16	6 34	14 11	1 1	6 49	0 54	11 22	1 31	2 30	0 29	23 50	0 30	5 47	2 41	18 22	0 42	19 37	1 11	8 2	14 12	18 33	18 48	1 37		n.a.
T 17	6 10	19 26	0n14	6 5	0 48	11 52	1 35	2 13	0 28	23 49	0 30	5 45	2 41	18 21	0 42	19 38	1 11	8 1	14 12	18 33	18 48	1 40		n.a.
F 18	5 47	23 29	1 27	5 20	0 42	12 21	1 38	1 55	0 27	23 49	0 30	5 44	2 41	18 20	0 43	19 38	1 11	8 0	14 12	18 33	18 47	1 44		n.a.
S 19	5 23	26 6	2 32	4 35	0 35	12 50	1 42	1 38	0 27	23 48	0 30	5 42	2 41	18 19	0 43	19 38	1 11	7 59	14 12	18 33	18 46	1 47		n.a.
S 20	4 59	27 11	3 28	3 50	0 29	13 18	1 45	1 20	0 26	23 47	0 31	5 41	2 41	18 18	0 43	19 38	1 11	7 58	14 11	18 33	18 45	1 50		n.a.
M21	4 35	26 45	4 13	3 5	0 23	13 46	1 49	1 3	0 26	23 47	0 31	5 39	2 42	18 17	0 43	19 39	1 11	7 57	14 11	18 32	18 44	1 53		n.a.
T 22	4 12	24 56	4 43	2 21	0 16	14 14	1 52	0 45	0 25	23 46	0 31	5 38	2 42	18 17	0 43	19 39	1 11	7 56	14 11	18 30	18 43	1 57		n.a.
W23	3 48	21 57	5 0	1 36	0 9	14 42	1 55	0 27	0 24	23 46	0 31	5 36	2 42	18 16	0 43	19 39	1 11	7 55	14 11	18 28	18 43	2 0		n.a.
T 24	3 23	18 1	5 3	0 51	0 3	15 9	1 59	0 10	0 24	23 45	0 31	5 34	2 42	18 15	0 43	19 39	1 11	7 54	14 10	18 25	18 42	2 3		n.a.
F 25	2 59	13 24	4 52	0 7	0s 4	15 36	2 2	0s 8	0 23	23 44	0 32	5 33	2 42	18 14	0 43	19 40	1 11	7 53	14 10	18 22	18 41	2 6		n.a.
S 26	2 35	8 19	4 28	0s38	0 10	16 3	2 5	0 26	0 23	23 44	0 32	5 31	2 42	18 13	0 43	19 40	1 11	7 51	14 10	18 18	18 40	2 10		n.a.
S 27	2 11	2 59	3 52	1 22	0 17	16 29	2 8	0 44	0 22	23 43	0 32	5 29	2 42	18 12	0 43	19 40	1 11	7 50	14 10	18 16	18 39	2 13		n.a.
M28	1 47	2s27	3 7	2 5	0 24	16 55	2 11	1 2	0 21	23 43	0 32	5 28	2 42	18 11	0 43	19 40	1 11	7 49	14 9	18 13	18 39	2 16		n.a.
T 29	1 22	7 46	2 13	2 49	0 30	17 20	2 15	1 19	0 21	23 42	0 32	5 26	2 43	18 11	0 43	19 41	1 11	7 48	14 9	18 12	18 38	2 19		n.a.
W30	0n58	12s51	1n13	3s32	0s37	17s45	2s18	1s37	0n20	23n42	0n33	5n24	2s43	18n10	0n43	19s41	1n11	7n47	14n 9	18n11	18n37	2s23		n.a.

Julian Day Number = 1365182.5, Delta T = 06h55m29s
Ecliptic obliquity = 23°48'48, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°32'27, Lahiri = -17°25'27 Julian Calendar 1 Sept. 976 BCE == Greg. Calendar 23 Aug. 976 BCE

The year -975 astronomical counting style corresponds to year 976 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 976 BCE
geocentric

OCTOBER 976 BCE (-975) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 0 58	28♍36'52	18♏39	8♎57	12♏50	5♎30	13♋13	19°R51	11♌59	1♐46	13♎ 4	20°D35	22♉11	13♎28	n.a.	T 1
F 2	0 4 55	29°37'20	0♐37	10°29	13°59	6°12	13°20	19♈46	12° 2	1°48	13° 6	20♉35	22° 8	13°35	n.a.	F 2
S 3	0 8 51	0♎37'48	12°45	12° 1	15° 8	6°55	13°27	19°42	12° 5	1°49	13° 8	20°37	22° 5	13°42	n.a.	S 3
S 4	0 12 48	1°38'19	25°10	13°32	16°17	7°38	13°34	19°37	12° 8	1°50	13°11	20°38	22° 2	13°48	n.a.	S 4
M 5	0 16 45	2°38'50	7♑56	15° 3	17°26	8°22	13°41	19°33	12°10	1°52	13°13	20°R38	21°59	13°55	n.a.	M 5
T 6	0 20 41	3°39'24	21° 7	16°34	18°35	9° 5	13°47	19°28	12°13	1°53	13°15	20°36	21°55	14° 2	n.a.	T 6
W 7	0 24 38	4°39'58	4♒47	18° 4	19°43	9°48	13°53	19°23	12°16	1°54	13°18	20°33	21°52	14° 8	n.a.	W 7
T 8	0 28 34	5°40'34	18°57	19°34	20°52	10°31	14° 0	19°19	12°18	1°56	13°20	20°27	21°49	14°15	n.a.	T 8
F 9	0 32 31	6°41'12	3♓34	21° 4	22° 0	11°15	14° 6	19°14	12°21	1°57	13°23	20°21	21°46	14°22	n.a.	F 9
S 10	0 36 27	7°41'50	18°35	22°33	23° 8	11°58	14°11	19° 9	12°24	1°59	13°25	20°14	21°43	14°28	n.a.	S 10
S 11	0 40 24	8°42'30	3♈49	24° 2	24°16	12°41	14°17	19° 4	12°26	2° 0	13°27	20° 8	21°39	14°35	n.a.	S 11
M12	0 44 20	9°43'12	19° 7	25°30	25°24	13°25	14°23	18°59	12°29	2° 2	13°30	20° 3	21°36	14°42	n.a.	M12
T 13	0 48 17	10°43'55	4♉18	26°58	26°31	14° 8	14°28	18°54	12°31	2° 3	13°32	20° 0	21°33	14°48	n.a.	T 13
W14	0 52 14	11°44'40	19°13	28°26	27°39	14°52	14°33	18°50	12°33	2° 5	13°35	19°D59	21°30	14°55	n.a.	W14
T 15	0 56 10	12°45'27	3♊44	29°52	28°46	15°35	14°38	18°45	12°36	2° 7	13°37	20° 0	21°27	15° 2	n.a.	T 15
F 16	1 0 7	13°46'15	17°50	1♏19	29°53	16°19	14°43	18°40	12°38	2° 8	13°40	20° 1	21°24	15° 8	n.a.	F 16
S 17	1 4 3	14°47'05	1♋28	2°44	1♐ 0	17° 3	14°48	18°35	12°40	2°10	13°42	20° 2	21°20	15°15	n.a.	S 17
S 18	1 8 0	15°47'57	14°42	4° 9	2° 7	17°47	14°52	18°30	12°43	2°12	13°44	20°R 3	21°17	15°22	n.a.	S 18
M19	1 11 56	16°48'51	27°33	5°33	3°13	18°30	14°56	18°25	12°45	2°13	13°47	20° 3	21°14	15°28	n.a.	M19
T 20	1 15 53	17°49'45	10♌ 6	6°55	4°20	19°14	15° 1	18°20	12°47	2°15	13°49	20° 0	21°11	15°35	n.a.	T 20
W21	1 19 49	18°50'42	22°24	8°17	5°26	19°58	15° 5	18°15	12°49	2°17	13°52	19°57	21° 8	15°42	n.a.	W21
T 22	1 23 46	19°51'40	4♍31	9°37	6°32	20°42	15° 8	18°10	12°51	2°19	13°54	19°52	21° 5	15°48	n.a.	T 22
F 23	1 27 43	20°52'39	16°29	10°56	7°38	21°26	15°12	18° 5	12°53	2°20	13°56	19°47	21° 1	15°55	n.a.	F 23
S 24	1 31 39	21°53'40	28°22	12°14	8°43	22°10	15°16	18° 0	12°55	2°22	13°59	19°41	20°58	16° 2	n.a.	S 24
S 25	1 35 36	22°54'42	10♎12	13°29	9°48	22°55	15°19	17°55	12°57	2°24	14° 1	19°36	20°55	16° 8	n.a.	S 25
M26	1 39 32	23°55'45	22° 1	14°42	10°53	23°39	15°22	17°50	12°59	2°26	14° 4	19°33	20°52	16°15	n.a.	M26
T 27	1 43 29	24°56'49	3♏50	15°52	11°58	24°23	15°25	17°45	13° 0	2°28	14° 6	19°30	20°49	16°22	n.a.	T 27
W28	1 47 25	25°57'54	15°42	17° 0	13° 3	25° 7	15°27	17°40	13° 2	2°30	14° 8	19°D29	20°45	16°28	n.a.	W28
T 29	1 51 22	26°59'00	27°39	18° 4	14° 7	25°52	15°30	17°35	13° 4	2°32	14°11	19°29	20°42	16°35	n.a.	T 29
F 30	1 55 18	28° 0'07	9♐44	19° 4	15°11	26°36	15°32	17°31	13° 5	2°33	14°13	19°31	20°39	16°42	n.a.	F 30
S 31	1 59 15	29♎ 1'15	21♐58	20♏ 0	16♐15	27♎20	15♋35	17♈26	13♌ 7	2♐35	14♎16	19♉32	20♉36	16♎48	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n34	17s29	0n10	4s16	0s43	18s10	2s21	1s55	0n20	23n41	0n33	5n22	2s43	18n 9	0n43	19s41	1n11	7n46	14n 9	18n11	18n36	2s26		n.a.
F 2	0 9	21 28	0s54	4 58	0 50	18 34	2 23	2 13	0 19	23 41	0 33	5 21	2 43	18 8	0 43	19 42	1 11	7 45	14 9	18 11	18 35	2 29		n.a.
S 3	0s15	24 37	1 57	5 41	0 56	18 57	2 26	2 31	0 18	23 40	0 33	5 19	2 43	18 7	0 43	19 42	1 11	7 44	14 9	18 11	18 34	2 33		n.a.
S 4	0 40	26 39	2 56	6 23	1 2	19 21	2 29	2 48	0 18	23 40	0 33	5 17	2 43	18 7	0 43	19 42	1 10	7 43	14 8	18 11	18 34	2 36		n.a.
M 5	1 4	27 21	3 48	7 4	1 8	19 43	2 32	3 6	0 17	23 39	0 34	5 15	2 43	18 6	0 43	19 42	1 10	7 42	14 8	18 11	18 33	2 39		n.a.
T 6	1 29	26 33	4 29	7 45	1 15	20 6	2 34	3 24	0 16	23 39	0 34	5 13	2 43	18 5	0 43	19 43	1 10	7 41	14 8	18 11	18 32	2 42		n.a.
W 7	1 53	24 10	4 58	8 26	1 21	20 27	2 37	3 42	0 16	23 38	0 34	5 12	2 43	18 4	0 43	19 43	1 10	7 40	14 8	18 10	18 31	2 46		n.a.
T 8	2 17	20 15	5 9	9 6	1 26	20 48	2 39	4 0	0 15	23 38	0 34	5 10	2 43	18 4	0 43	19 43	1 10	7 39	14 8	18 8	18 30	2 49		n.a.
F 9	2 42	15 1	5 1	9 46	1 32	21 9	2 42	4 18	0 15	23 37	0 34	5 8	2 43	18 3	0 43	19 44	1 10	7 38	14 8	18 7	18 29	2 52		n.a.
S 10	3 6	8 45	4 32	10 25	1 38	21 29	2 44	4 35	0 14	23 37	0 35	5 6	2 43	18 2	0 43	19 44	1 10	7 37	14 8	18 5	18 29	2 55		n.a.
S 11	3 30	1 53	3 44	11 3	1 43	21 49	2 46	4 53	0 13	23 37	0 35	5 4	2 43	18 2	0 43	19 44	1 10	7 36	14 8	18 3	18 28	2 59		n.a.
M12	3 55	5n 8	2 40	11 41	1 48	22 8	2 48	5 11	0 13	23 36	0 35	5 2	2 43	18 1	0 43	19 45	1 10	7 35	14 7	18 2	18 27	3 2		n.a.
T 13	4 19	11 50	1 24	12 18	1 53	22 26	2 50	5 29	0 12	23 36	0 35	5 0	2 43	18 0	0 43	19 45	1 10	7 34	14 7	18 1	18 26	3 5		n.a.
W14	4 43	17 44	0 4	12 55	1 58	22 44	2 52	5 46	0 11	23 36	0 35	4 59	2 43	18 0	0 43	19 46	1 10	7 33	14 7	18 1	18 25	3 8		n.a.
T 15	5 7	22 27	1n14	13 30	2 2	23 2	2 54	6 4	0 11	23 35	0 36	4 57	2 43	17 59	0 43	19 46	1 10	7 32	14 7	18 1	18 24	3 12		n.a.
F 16	5 31	25 40	2 26	14 5	2 7	23 18	2 56	6 22	0 10	23 35	0 36	4 55	2 43	17 58	0 43	19 46	1 10	7 31	14 7	18 1	18 24	3 15		n.a.
S 17	5 55	27 15	3 27	14 39	2 11	23 34	2 58	6 39	0 9	23 35	0 36	4 53	2 43	17 58	0 43	19 47	1 10	7 30	14 7	18 2	18 23	3 18		n.a.
S 18	6 19	27 13	4 15	15 12	2 14	23 50	2 59	6 57	0 9	23 34	0 36	4 51	2 43	17 57	0 43	19 47	1 10	7 29	14 7	18 2	18 22	3 21		n.a.
M19	6 42	25 41	4 49	15 44	2 17	24 5	3 1	7 14	0 8	23 34	0 37	4 49	2 43	17 57	0 44	19 47	1 10	7 28	14 7	18 2	18 21	3 25		n.a.
T 20	7 6	22 55	5 8	16 14	2 20	24 19	3 2	7 32	0 8	23 34	0 37	4 47	2 43	17 56	0 44	19 48	1 10	7 27	14 7	18 1	18 20	3 28		n.a.
W21	7 30	19 10	5 12	16 44	2 23	24 33	3 3	7 49	0 7	23 34	0 37	4 45	2 43	17 55	0 44	19 48	1 10	7 26	14 7	18 0	18 19	3 31		n.a.
T 22	7 53	14 41	5 2	17 12	2 25	24 46	3 4	8 7	0 6	23 33	0 37	4 44	2 43	17 55	0 44	19 49	1 10	7 25	14 7	17 59	18 18	3 34		n.a.
F 23	8 16	9 41	4 39	17 39	2 26	24 58	3 5	8 24	0 6	23 33	0 37	4 42	2 43	17 54	0 44	19 49	1 10	7 24	14 7	17 57	18 18	3 38		n.a.
S 24	8 40	4 23	4 5	18 4	2 27	25 10	3 6	8 41	0 5	23 33	0 38	4 40	2 43	17 54	0 44	19 49	1 10	7 23	14 7	17 56	18 17	3 41		n.a.
S 25	9 3	1s 3	3 19	18 28	2 28	25 20	3 7	8 59	0 4	23 33	0 38	4 38	2 43	17 53	0 44	19 50	1 10	7 22	14 7	17 55	18 16	3 44		n.a.
M26	9 26	6 28	2 25	18 50	2 27	25 31	3 7	9 16	0 4	23 33	0 38	4 36	2 43	17 53	0 44	19 50	1 10	7 21	14 7	17 54	18 15	3 47		n.a.
T 27	9 48	11 40	1 25	19 11	2 26	25 40	3 8	9 33	0 3	23 33	0 38	4 34	2 43	17 52	0 44	19 51	1 10	7 20	14 7	17 53	18 14	3 51		n.a.
W28	10 11	16 28	0 21	19 29	2 25	25 49	3 8	9 50	0 2	23 33	0 39	4 32	2 43	17 52	0 44	19 51	1 10	7 19	14 7	17 53	18 13	3 54		n.a.
T 29	10 33	20 40	0s45	19 45	2 22	25 58	3 8	10 7	0 2	23 32	0 39	4 31	2 42	17 51	0 44	19 51	1 9	7 18	14 7	17 53	18 12	3 57		n.a.
F 30	10 56	24 4	1 49	19 59	2 19	26 5	3 8	10 24	0 1	23 32	0 39	4 29	2 42	17 51	0 44	19 52	1 9	7 18	14 7	17 53	18 12	4 0		n.a.
S 31	11s18	26s24	2s50	20s10	2s14	26s12	3s 8	10s41	0n 0	23n32	0n39	4n27	2s42	17n51	0n44	19s52	1n 9	7n17	14n 7	17n53	18n11	4s 4		n.a.

Julian Day Number = 1365212.5, Delta T = 06h55m28s
Ecliptic obliquity = 23°48'48, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°32'23, Lahiri = -17°25'23 Julian Calendar 1 Oct. 976 BCE == Greg. Calendar 22 Sept. 976 BCE

The year -975 astronomical counting style corresponds to year 976 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 976 BCE
geocentric

NOVEMBER 976 BCE (-975) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 3 12	0♏ 2'23	4♑26	20♏50	17♐18	28♎ 5	15♋36	17°R21	13♌ 8	2♐37	14♎18	19♉34	20♉33	16♎55	n.a.	S 1
M 2	2 7 8	1° 3'32	17°12	21°35	18°21	28°49	15°38	17♈16	13°10	2°39	14°20	19°35	20°30	17° 2	n.a.	M 2
T 3	2 11 5	2° 4'42	0♒18	22°13	19°24	29°34	15°40	17°11	13°11	2°41	14°23	19°R35	20°26	17° 8	n.a.	T 3
W 4	2 15 1	3° 5'52	13°48	22°44	20°26	0♏19	15°41	17° 7	13°13	2°43	14°25	19°35	20°23	17°15	n.a.	W 4
T 5	2 18 58	4° 7'03	27°44	23° 6	21°28	1° 3	15°42	17° 2	13°14	2°45	14°27	19°34	20°20	17°22	n.a.	T 5
F 6	2 22 54	5° 8'13	12♓ 5	23°19	22°30	1°48	15°43	16°57	13°15	2°48	14°30	19°33	20°17	17°28	n.a.	F 6
S 7	2 26 51	6° 9'25	26°49	23°R22	23°31	2°33	15°44	16°53	13°16	2°50	14°32	19°31	20°14	17°35	n.a.	S 7
S 8	2 30 47	7°10'36	11♈49	23°15	24°32	3°18	15°45	16°48	13°18	2°52	14°34	19°29	20°10	17°42	n.a.	S 8
M 9	2 34 44	8°11'48	26°59	22°56	25°33	4° 2	15°45	16°44	13°19	2°54	14°36	19°28	20° 7	17°48	n.a.	M 9
T 10	2 38 41	9°13'01	12♉ 9	22°25	26°33	4°47	15°45	16°40	13°20	2°56	14°39	19°D27	20° 4	17°55	n.a.	T 10
W11	2 42 37	10°14'14	27° 9	21°43	27°32	5°32	15°R45	16°35	13°21	2°58	14°41	19°27	20° 1	18° 2	n.a.	W11
T 12	2 46 34	11°15'28	11♊51	20°50	28°32	6°17	15°45	16°31	13°22	3° 0	14°43	19°28	19°58	18° 8	n.a.	T 12
F 13	2 50 30	12°16'43	26° 9	19°47	29°30	7° 2	15°45	16°27	13°22	3° 2	14°45	19°29	19°55	18°15	n.a.	F 13
S 14	2 54 27	13°17'58	10♋ 0	18°35	0♑28	7°47	15°44	16°23	13°23	3° 4	14°48	19°29	19°51	18°22	n.a.	S 14
S 15	2 58 23	14°19'14	23°24	17°17	1°26	8°33	15°44	16°18	13°24	3° 7	14°50	19°30	19°48	18°28	n.a.	S 15
M16	3 2 20	15°20'30	6♌22	15°56	2°23	9°18	15°43	16°14	13°25	3° 9	14°52	19°30	19°45	18°35	n.a.	M16
T 17	3 6 17	16°21'47	18°58	14°34	3°20	10° 3	15°42	16°11	13°25	3°11	14°54	19°R30	19°42	18°42	n.a.	T 17
W18	3 10 13	17°23'04	1♍16	13°13	4°16	10°48	15°40	16° 7	13°26	3°13	14°56	19°30	19°39	18°48	n.a.	W18
T 19	3 14 10	18°24'22	13°20	11°57	5°11	11°33	15°39	16° 3	13°27	3°15	14°58	19°30	19°36	18°55	n.a.	T 19
F 20	3 18 6	19°25'40	25°14	10°47	6° 6	12°19	15°37	15°59	13°27	3°18	15° 0	19°D30	19°32	19° 2	n.a.	F 20
S 21	3 22 3	20°26'58	7♎ 4	9°46	7° 0	13° 4	15°35	15°55	13°27	3°20	15° 2	19°30	19°29	19° 8	n.a.	S 21
S 22	3 25 59	21°28'17	18°52	8°54	7°54	13°50	15°33	15°52	13°28	3°22	15° 5	19°30	19°26	19°15	n.a.	S 22
M23	3 29 56	22°29'35	0♏41	8°12	8°47	14°35	15°30	15°48	13°28	3°24	15° 7	19°30	19°23	19°22	n.a.	M23
T 24	3 33 52	23°30'54	12°35	7°41	9°39	15°21	15°28	15°45	13°28	3°27	15° 9	19°30	19°20	19°28	n.a.	T 24
W25	3 37 49	24°32'13	24°35	7°20	10°30	16° 6	15°25	15°42	13°28	3°29	15°11	19°R30	19°16	19°35	n.a.	W25
T 26	3 41 46	25°33'32	6♐43	7° 9	11°21	16°52	15°22	15°38	13°29	3°31	15°13	19°30	19°13	19°42	n.a.	T 26
F 27	3 45 42	26°34'51	19° 2	7°D 8	12°11	17°37	15°19	15°35	13°29	3°33	15°15	19°30	19°10	19°48	n.a.	F 27
S 28	3 49 39	27°36'10	1♑31	7°16	13° 0	18°23	15°16	15°32	13°R29	3°36	15°16	19°29	19° 7	19°55	n.a.	S 28
S 29	3 53 35	28°37'28	14°13	7°32	13°48	19° 9	15°13	15°29	13°29	3°38	15°18	19°27	19° 4	20° 2	n.a.	S 29
M30	3 57 32	29♏38'45	27♑10	7♏55	14♑35	19♏54	15♋ 9	15♈27	13♌29	3♐40	15♎20	19♉26	19♉ 1	20♎ 8	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s40	27s28	3s44	20s19	2s 9	26s19	3s 8	10s58	0s 0	23n32	0n40	4n25	2s42	17n50	0n44	19s53	1n 9	7n16	14n 7	17n54	18n10	4s 7		n.a.
M 2	12 1	27 6	4 28	20 25	2 2	26 24	3 7	11 14	0 1	23 32	0 40	4 24	2 42	17 50	0 44	19 53	1 9	7 15	14 7	17 54	18 9	4 10		n.a.
T 3	12 23	25 16	4 59	20 27	1 55	26 29	3 7	11 31	0 2	23 32	0 40	4 22	2 42	17 49	0 44	19 53	1 9	7 14	14 7	17 54	18 8	4 14		n.a.
W 4	12 44	21 57	5 15	20 26	1 45	26 33	3 6	11 48	0 2	23 33	0 40	4 20	2 42	17 49	0 44	19 54	1 9	7 13	14 7	17 54	18 7	4 17		n.a.
T 5	13 5	17 20	5 13	20 22	1 35	26 37	3 5	12 4	0 3	23 33	0 41	4 19	2 42	17 49	0 44	19 54	1 9	7 13	14 7	17 54	18 6	4 20		n.a.
F 6	13 26	11 37	4 53	20 14	1 23	26 40	3 4	12 20	0 4	23 33	0 41	4 17	2 41	17 48	0 44	19 55	1 9	7 12	14 8	17 53	18 6	4 23		n.a.
S 7	13 47	5 8	4 12	20 2	1 10	26 42	3 3	12 37	0 4	23 33	0 41	4 15	2 41	17 48	0 44	19 55	1 9	7 11	14 8	17 53	18 5	4 27		n.a.
S 8	14 7	1n47	3 14	19 45	0 55	26 43	3 1	12 53	0 5	23 33	0 41	4 14	2 41	17 48	0 44	19 56	1 9	7 10	14 8	17 53	18 4	4 30		n.a.
M 9	14 27	8 40	2 1	19 24	0 38	26 44	3 0	13 9	0 6	23 33	0 42	4 12	2 41	17 48	0 44	19 56	1 9	7 10	14 8	17 52	18 3	4 33		n.a.
T 10	14 47	15 5	0 40	18 59	0 20	26 44	2 58	13 25	0 6	23 34	0 42	4 11	2 41	17 47	0 44	19 56	1 9	7 9	14 8	17 52	18 2	4 36		n.a.
W11	15 7	20 31	0n43	18 30	0 2	26 43	2 56	13 41	0 7	23 34	0 42	4 9	2 41	17 47	0 45	19 57	1 9	7 8	14 8	17 52	18 1	4 40		n.a.
T 12	15 26	24 34	2 1	17 57	0n18	26 42	2 54	13 57	0 8	23 34	0 42	4 8	2 40	17 47	0 45	19 57	1 9	7 7	14 8	17 52	18 0	4 43		n.a.
F 13	15 46	26 55	3 10	17 20	0 39	26 40	2 52	14 12	0 8	23 34	0 43	4 6	2 40	17 47	0 45	19 58	1 9	7 7	14 9	17 52	18 0	4 46		n.a.
S 14	16 5	27 31	4 5	16 41	0 59	26 38	2 49	14 28	0 9	23 35	0 43	4 5	2 40	17 46	0 45	19 58	1 9	7 6	14 9	17 53	17 59	4 49		n.a.
S 15	16 23	26 26	4 46	16 0	1 19	26 35	2 46	14 43	0 10	23 35	0 43	4 3	2 40	17 46	0 45	19 59	1 9	7 5	14 9	17 53	17 58	4 53		n.a.
M16	16 41	23 57	5 9	15 18	1 38	26 31	2 43	14 59	0 10	23 35	0 43	4 2	2 40	17 46	0 45	19 59	1 9	7 5	14 9	17 53	17 57	4 56		n.a.
T 17	16 59	20 23	5 18	14 37	1 56	26 27	2 40	15 14	0 11	23 36	0 44	4 1	2 39	17 46	0 45	20 0	1 9	7 4	14 9	17 53	17 56	4 59		n.a.
W18	17 17	16 1	5 11	13 57	2 12	26 22	2 37	15 29	0 12	23 36	0 44	3 59	2 39	17 46	0 45	20 0	1 9	7 3	14 9	17 53	17 55	5 2		n.a.
T 19	17 34	11 7	4 51	13 21	2 26	26 16	2 34	15 44	0 12	23 37	0 44	3 58	2 39	17 46	0 45	20 0	1 9	7 3	14 10	17 53	17 54	5 6		n.a.
F 20	17 52	5 51	4 18	12 48	2 38	26 10	2 30	15 59	0 13	23 37	0 44	3 57	2 39	17 46	0 45	20 1	1 9	7 2	14 10	17 53	17 53	5 9		n.a.
S 21	18 8	0 26	3 35	12 19	2 47	26 3	2 26	16 13	0 14	23 37	0 45	3 56	2 39	17 46	0 45	20 1	1 9	7 2	14 10	17 53	17 53	5 12		n.a.
S 22	18 25	5s 0	2 42	11 56	2 55	25 56	2 22	16 28	0 14	23 38	0 45	3 54	2 38	17 46	0 45	20 2	1 9	7 1	14 10	17 53	17 52	5 15		n.a.
M23	18 41	10 17	1 43	11 38	3 0	25 48	2 17	16 42	0 15	23 38	0 45	3 53	2 38	17 46	0 45	20 2	1 9	7 0	14 10	17 53	17 51	5 19		n.a.
T 24	18 57	15 15	0 38	11 25	3 3	25 40	2 13	16 56	0 16	23 39	0 45	3 52	2 38	17 45	0 45	20 3	1 9	7 0	14 11	17 53	17 50	5 22		n.a.
W25	19 12	19 40	0s28	11 17	3 4	25 31	2 8	17 10	0 16	23 40	0 46	3 51	2 38	17 45	0 45	20 3	1 9	6 59	14 11	17 53	17 49	5 25		n.a.
T 26	19 27	23 19	1 34	11 14	3 3	25 21	2 3	17 24	0 17	23 40	0 46	3 50	2 37	17 45	0 45	20 4	1 9	6 59	14 11	17 53	17 48	5 28		n.a.
F 27	19 42	25 57	2 37	11 15	3 2	25 11	1 57	17 38	0 18	23 41	0 46	3 49	2 37	17 45	0 45	20 4	1 9	6 58	14 11	17 53	17 47	5 32		n.a.
S 28	19 56	27 21	3 33	11 21	2 59	25 1	1 52	17 52	0 18	23 41	0 46	3 48	2 37	17 46	0 45	20 5	1 9	6 58	14 12	17 52	17 46	5 35		n.a.
S 29	20 10	27 20	4 19	11 30	2 54	24 50	1 46	18 5	0 19	23 42	0 47	3 47	2 37	17 46	0 45	20 5	1 9	6 57	14 12	17 52	17 46	5 38		n.a.
M30	20s23	25s51	4s53	11s42	2n49	24s39	1s40	18s18	0s20	23n43	0n47	3n46	2s36	17n46	0n45	20s 5	1n 9	6n57	14n12	17n52	17n45	5s41		n.a.

Julian Day Number = 1365243.5, Delta T = 06h55m26s
Ecliptic obliquity = 23°48'48, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°32'19, Lahiri = -17°25'18 Julian Calendar 1 Nov. 976 BCE == Greg. Calendar 23 Oct. 976 BCE

The year -975 astronomical counting style corresponds to year 976 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 976 BCE
geocentric

DECEMBER 976 BCE (-975) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 1 28	0♐40'02	10♒21	8♏25	15♑22	20♏40	15°R 5	15°R24	13°R28	3♐42	15♎22	19°R25	18♉57	20♎15	n.a.	T 1
W 2	4 5 25	1°41'19	23°50	9° 1	16° 7	21°26	15♋ 1	15♈21	13♌28	3°45	15°24	19♉24	18°54	20°22	n.a.	W 2
T 3	4 9 22	2°42'35	7♓37	9°43	16°51	22°12	14°57	15°19	13°28	3°47	15°26	19°D24	18°51	20°28	n.a.	T 3
F 4	4 13 18	3°43'50	21°41	10°29	17°34	22°58	14°53	15°16	13°28	3°49	15°28	19°25	18°48	20°35	n.a.	F 4
S 5	4 17 15	4°45'04	6♈ 3	11°20	18°16	23°44	14°48	15°14	13°27	3°52	15°29	19°26	18°45	20°42	n.a.	S 5
S 6	4 21 11	5°46'17	20°39	12°15	18°57	24°30	14°43	15°12	13°27	3°54	15°31	19°27	18°42	20°48	n.a.	S 6
M 7	4 25 8	6°47'30	5♉24	13°13	19°36	25°16	14°38	15° 9	13°26	3°56	15°33	19°28	18°38	20°55	n.a.	M 7
T 8	4 29 4	7°48'42	20°14	14°15	20°15	26° 2	14°33	15° 7	13°26	3°58	15°34	19°R28	18°35	21° 2	n.a.	T 8
W 9	4 33 1	8°49'53	5♊ 0	15°19	20°52	26°48	14°28	15° 6	13°25	4° 1	15°36	19°28	18°32	21° 8	n.a.	W 9
T 10	4 36 57	9°51'04	19°36	16°26	21°27	27°34	14°23	15° 4	13°24	4° 3	15°38	19°26	18°29	21°15	n.a.	T 10
F 11	4 40 54	10°52'14	3♋54	17°35	22° 1	28°20	14°18	15° 2	13°24	4° 5	15°39	19°24	18°26	21°22	n.a.	F 11
S 12	4 44 51	11°53'23	17°50	18°46	22°34	29° 6	14°12	15° 0	13°23	4° 7	15°41	19°20	18°22	21°28	n.a.	S 12
S 13	4 48 47	12°54'32	1♌21	19°59	23° 5	29°52	14° 6	14°59	13°22	4°10	15°43	19°17	18°19	21°35	n.a.	S 13
M14	4 52 44	13°55'40	14°26	21°14	23°35	0♐38	14° 0	14°58	13°21	4°12	15°44	19°13	18°16	21°42	n.a.	M14
T 15	4 56 40	14°56'48	27° 8	22°30	24° 2	1°25	13°54	14°56	13°20	4°14	15°46	19°11	18°13	21°48	n.a.	T 15
W16	5 0 37	15°57'54	9♍30	23°48	24°29	2°11	13°48	14°55	13°19	4°16	15°47	19°10	18°10	21°55	n.a.	W16
T 17	5 4 33	16°59'01	21°36	25° 7	24°53	2°57	13°42	14°54	13°18	4°19	15°48	19°D 9	18° 7	22° 2	n.a.	T 17
F 18	5 8 30	18° 0'06	3♎31	26°27	25°15	3°44	13°35	14°53	13°17	4°21	15°50	19°10	18° 3	22° 8	n.a.	F 18
S 19	5 12 27	19° 1'11	15°20	27°48	25°36	4°30	13°29	14°52	13°16	4°23	15°51	19°12	18° 0	22°15	n.a.	S 19
S 20	5 16 23	20° 2'15	27° 7	29°11	25°54	5°16	13°22	14°52	13°15	4°25	15°53	19°14	17°57	22°22	n.a.	S 20
M21	5 20 20	21° 3'18	8♏59	0♐34	26°11	6° 3	13°15	14°51	13°14	4°27	15°54	19°16	17°54	22°28	n.a.	M21
T 22	5 24 16	22° 4'20	20°57	1°59	26°25	6°49	13° 8	14°51	13°12	4°30	15°55	19°R16	17°51	22°35	n.a.	T 22
W23	5 28 13	23° 5'21	3♐ 6	3°24	26°38	7°36	13° 1	14°50	13°11	4°32	15°56	19°15	17°48	22°42	n.a.	W23
T 24	5 32 9	24° 6'22	15°28	4°50	26°48	8°22	12°54	14°50	13°10	4°34	15°58	19°12	17°44	22°48	n.a.	T 24
F 25	5 36 6	25° 7'21	28° 4	6°17	26°55	9° 9	12°47	14°50	13° 8	4°36	15°59	19° 8	17°41	22°55	n.a.	F 25
S 26	5 40 2	26° 8'19	10♑55	7°45	27° 1	9°55	12°40	14°D50	13° 7	4°38	16° 0	19° 2	17°38	23° 2	n.a.	S 26
S 27	5 43 59	27° 9'15	23°59	9°14	27° 4	10°42	12°32	14°50	13° 5	4°41	16° 1	18°55	17°35	23° 8	n.a.	S 27
M28	5 47 56	28°10'10	7♒17	10°44	27°R 4	11°28	12°25	14°50	13° 4	4°43	16° 2	18°48	17°32	23°15	n.a.	M28
T 29	5 51 52	29°11'04	20°47	12°14	27° 2	12°15	12°17	14°51	13° 2	4°45	16° 3	18°42	17°28	23°22	n.a.	T 29
W30	5 55 49	0♑11'56	4♓28	13°45	26°58	13° 2	12°10	14°51	13° 1	4°47	16° 4	18°37	17°25	23°28	n.a.	W30
T 31	5 59 45	1♑12'46	18♓18	15♐17	26♑51	13♐48	12♋ 2	14♈52	12♌59	4♐49	16♎ 5	18♉35	17♉22	23♎35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
T 1	20s37	22s56	5s13	11s57	2n44	24s27	1s33	18s31	0s20	23n43	0n47	3n46	2s36	17n46	0n45	20s 6	1n 9	6n56	14n12	17n51	17n44	5s45			n.a.	T 1
W 2	20 49	18 44	5 16	12 15	2 37	24 15	1 27	18 44	0 21	23 44	0 47	3 45	2 36	17 46	0 45	20 6	1 9	6 56	14 13	17 51	17 43	5 48			n.a.	W 2
T 3	21 2	13 29	5 1	12 35	2 30	24 3	1 20	18 57	0 22	23 45	0 47	3 44	2 36	17 46	0 46	20 7	1 9	6 55	14 13	17 51	17 42	5 51			n.a.	T 3
F 4	21 14	7 26	4 28	12 56	2 23	23 50	1 12	19 10	0 22	23 46	0 48	3 43	2 35	17 46	0 46	20 7	1 9	6 55	14 13	17 51	17 41	5 54			n.a.	F 4
S 5	21 25	0 53	3 38	13 19	2 15	23 37	1 5	19 22	0 23	23 46	0 48	3 43	2 35	17 46	0 46	20 8	1 9	6 55	14 14	17 52	17 40	5 58			n.a.	S 5
S 6	21 36	5n50	2 33	13 44	2 7	23 24	0 57	19 34	0 23	23 47	0 48	3 42	2 35	17 46	0 46	20 8	1 9	6 54	14 14	17 52	17 39	6 1			n.a.	S 6
M 7	21 47	12 19	1 17	14 9	1 59	23 10	0 49	19 46	0 24	23 48	0 48	3 41	2 34	17 47	0 46	20 8	1 9	6 54	14 14	17 52	17 38	6 4			n.a.	M 7
T 8	21 57	18 9	0n 4	14 36	1 51	22 56	0 41	19 58	0 25	23 49	0 49	3 41	2 34	17 47	0 46	20 9	1 9	6 54	14 15	17 52	17 38	6 7			n.a.	T 8
W 9	22 7	22 51	1 25	15 3	1 43	22 42	0 32	20 9	0 25	23 49	0 49	3 40	2 34	17 47	0 46	20 9	1 9	6 53	14 15	17 52	17 37	6 11			n.a.	W 9
T 10	22 16	26 2	2 39	15 30	1 34	22 27	0 23	20 21	0 26	23 50	0 49	3 40	2 34	17 47	0 46	20 10	1 9	6 53	14 15	17 52	17 36	6 14			n.a.	T 10
F 11	22 25	27 26	3 41	15 58	1 26	22 13	0 14	20 32	0 27	23 51	0 49	3 40	2 33	17 48	0 46	20 10	1 9	6 53	14 15	17 51	17 35	6 17			n.a.	F 11
S 12	22 34	27 2	4 29	16 26	1 17	21 58	0 4	20 43	0 27	23 52	0 50	3 39	2 33	17 48	0 46	20 11	1 9	6 52	14 16	17 50	17 34	6 20			n.a.	S 12
S 13	22 42	25 2	4 59	16 55	1 9	21 43	0n 5	20 54	0 28	23 53	0 50	3 39	2 33	17 48	0 46	20 11	1 9	6 52	14 16	17 49	17 33	6 24			n.a.	S 13
M14	22 50	21 44	5 14	17 23	1 0	21 28	0 16	21 4	0 29	23 54	0 50	3 39	2 32	17 48	0 46	20 12	1 9	6 52	14 16	17 48	17 32	6 27			n.a.	M14
T 15	22 57	17 31	5 12	17 51	0 52	21 13	0 26	21 15	0 29	23 54	0 50	3 39	2 32	17 49	0 46	20 12	1 9	6 51	14 17	17 47	17 31	6 30			n.a.	T 15
W16	23 4	12 40	4 55	18 19	0 43	20 57	0 37	21 25	0 30	23 55	0 50	3 38	2 32	17 49	0 46	20 12	1 9	6 51	14 17	17 47	17 30	6 33			n.a.	W16
T 17	23 10	7 26	4 26	18 46	0 35	20 42	0 48	21 35	0 31	23 56	0 51	3 38	2 31	17 49	0 46	20 13	1 9	6 51	14 18	17 47	17 29	6 37			n.a.	T 17
F 18	23 16	2 1	3 45	19 14	0 27	20 27	0 59	21 44	0 31	23 57	0 51	3 38	2 31	17 50	0 46	20 13	1 9	6 51	14 18	17 47	17 29	6 40			n.a.	F 18
S 19	23 21	3s26	2 56	19 40	0 19	20 11	1 11	21 54	0 32	23 58	0 51	3 38	2 31	17 50	0 46	20 14	1 9	6 51	14 18	17 48	17 28	6 43			n.a.	S 19
S 20	23 26	8 46	1 58	20 7	0 11	19 56	1 23	22 3	0 33	23 59	0 51	3 38	2 31	17 50	0 46	20 14	1 9	6 50	14 19	17 48	17 27	6 46			n.a.	S 20
M21	23 30	13 50	0 56	20 32	0 3	19 41	1 35	22 12	0 33	24 0	0 51	3 38	2 30	17 51	0 46	20 14	1 9	6 50	14 19	17 49	17 26	6 50			n.a.	M21
T 22	23 34	18 25	0s 9	20 57	0s 4	19 26	1 48	22 21	0 34	24 1	0 52	3 38	2 30	17 51	0 46	20 15	1 9	6 50	14 19	17 49	17 25	6 53			n.a.	T 22
W23	23 38	22 20	1 15	21 22	0 12	19 11	2 1	22 29	0 35	24 1	0 52	3 38	2 30	17 52	0 46	20 15	1 9	6 50	14 20	17 49	17 24	6 56			n.a.	W23
T 24	23 41	25 18	2 18	21 45	0 19	18 56	2 14	22 37	0 35	24 2	0 52	3 39	2 29	17 52	0 46	20 16	1 9	6 50	14 20	17 48	17 23	6 59			n.a.	T 24
F 25	23 43	27 4	3 16	22 8	0 26	18 41	2 27	22 45	0 36	24 3	0 52	3 39	2 29	17 53	0 46	20 16	1 9	6 50	14 21	17 47	17 22	7 3			n.a.	F 25
S 26	23 45	27 25	4 4	22 30	0 33	18 27	2 41	22 53	0 36	24 4	0 52	3 39	2 29	17 53	0 46	20 16	1 9	6 50	14 21	17 45	17 21	7 6			n.a.	S 26
S 27	23 47	26 16	4 41	22 51	0 40	18 13	2 55	23 1	0 37	24 5	0 53	3 39	2 28	17 53	0 47	20 17	1 9	6 50	14 21	17 43	17 20	7 9			n.a.	S 27
M28	23 48	23 37	5 4	23 11	0 47	17 59	3 9	23 8	0 38	24 6	0 53	3 40	2 28	17 54	0 47	20 17	1 9	6 50	14 22	17 41	17 20	7 12			n.a.	M28
T 29	23 49	19 40	5 10	23 29	0 53	17 45	3 23	23 15	0 38	24 7	0 53	3 40	2 28	17 54	0 47	20 18	1 9	6 50	14 22	17 39	17 19	7 16			n.a.	T 29
W30	23 49	14 38	4 58	23 47	0 59	17 32	3 38	23 22	0 39	24 8	0 53	3 41	2 27	17 55	0 47	20 18	1 9	6 50	14 23	17 38	17 18	7 19			n.a.	W30
T 31	23s48	8s49	4s29	24s 4	1s 5	17s19	3n52	23s28	0s40	24n 9	0n53	3n41	2s27	17n56	0n47	20s18	1n 9	6n50	14n23	17n37	17n17	7s22			n.a.	T 31

Julian Day Number = 1365273.5, Delta T = 06h55m25s
Ecliptic obliquity = 23°48'47, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°32'15, Lahiri = -17°25'14 Julian Calendar 1 Dec. 976 BCE == Greg. Calendar 22 Nov. 976 BCE

The year -975 astronomical counting style corresponds to year 976 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 975 BCE
geocentric

JANUARY 975 BCE (-974) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 3 42	2♑13'34	2♈18	16♐50	26°R41	14♐35	11°R54	14♈52	12°R57	4♐51	16♎ 6	18°D34	17♉19	23♎42	n.a.	F 1
S 2	6 7 38	3°14'21	16°25	18°23	26♑29	15°22	11♋47	14°53	12♌55	4°53	16° 7	18♉35	17°16	23°48	n.a.	S 2
S 3	6 11 35	4°15'06	0♉39	19°57	26°14	16° 8	11°39	14°54	12°54	4°55	16° 8	18°36	17°13	23°55	n.a.	S 3
M 4	6 15 32	5°15'49	14°58	21°32	25°57	16°55	11°31	14°55	12°52	4°57	16° 9	18°R37	17° 9	24° 2	n.a.	M 4
T 5	6 19 28	6°16'30	29°19	23° 8	25°37	17°42	11°23	14°56	12°50	4°59	16°10	18°36	17° 6	24° 8	n.a.	T 5
W 6	6 23 25	7°17'09	13♊39	24°45	25°15	18°28	11°15	14°57	12°48	5° 1	16°10	18°34	17° 3	24°15	n.a.	W 6
T 7	6 27 21	8°17'47	27°52	26°22	24°51	19°15	11° 7	14°59	12°46	5° 3	16°11	18°29	17° 0	24°22	n.a.	T 7
F 8	6 31 18	9°18'24	11♋54	28° 1	24°24	20° 2	10°59	15° 0	12°44	5° 5	16°12	18°22	16°57	24°28	n.a.	F 8
S 9	6 35 14	10°18'58	25°40	29°40	23°56	20°49	10°51	15° 2	12°42	5° 7	16°13	18°13	16°54	24°35	n.a.	S 9
S 10	6 39 11	11°19'31	9♌ 7	1♑20	23°25	21°36	10°43	15° 4	12°40	5° 9	16°13	18° 3	16°50	24°42	n.a.	S 10
M11	6 43 7	12°20'02	22°12	3° 1	22°53	22°22	10°36	15° 5	12°38	5°11	16°14	17°54	16°47	24°48	n.a.	M11
T 12	6 47 4	13°20'32	4♍55	4°43	22°20	23° 9	10°28	15° 7	12°36	5°13	16°14	17°46	16°44	24°55	n.a.	T 12
W13	6 51 1	14°21'00	17°19	6°26	21°45	23°56	10°20	15° 9	12°33	5°15	16°15	17°40	16°41	25° 1	n.a.	W13
T 14	6 54 57	15°21'27	29°27	8° 9	21° 9	24°43	10°12	15°11	12°31	5°17	16°15	17°37	16°38	25° 8	n.a.	T 14
F 15	6 58 54	16°21'52	11♎24	9°54	20°32	25°30	10° 4	15°14	12°29	5°18	16°16	17°D35	16°34	25°15	n.a.	F 15
S 16	7 2 50	17°22'15	23°13	11°39	19°55	26°17	9°56	15°16	12°27	5°20	16°16	17°35	16°31	25°21	n.a.	S 16
S 17	7 6 47	18°22'37	5♏ 1	13°26	19°17	27° 4	9°48	15°18	12°24	5°22	16°17	17°36	16°28	25°28	n.a.	S 17
M18	7 10 43	19°22'57	16°54	15°13	18°39	27°51	9°41	15°21	12°22	5°24	16°17	17°R36	16°25	25°35	n.a.	M18
T 19	7 14 40	20°23'16	28°55	17° 2	18° 2	28°37	9°33	15°24	12°20	5°26	16°17	17°36	16°22	25°41	n.a.	T 19
W20	7 18 36	21°23'33	11♐11	18°51	17°25	29°24	9°25	15°27	12°17	5°27	16°18	17°33	16°19	25°48	n.a.	W20
T 21	7 22 33	22°23'48	23°43	20°42	16°48	0♑11	9°18	15°29	12°15	5°29	16°18	17°27	16°15	25°55	n.a.	T 21
F 22	7 26 30	23°24'02	6♑34	22°33	16°13	0°58	9°10	15°32	12°13	5°31	16°18	17°19	16°12	26° 1	n.a.	F 22
S 23	7 30 26	24°24'14	19°45	24°25	15°39	1°45	9° 3	15°35	12°10	5°32	16°18	17° 9	16° 9	26° 8	n.a.	S 23
S 24	7 34 23	25°24'24	3♒14	26°18	15° 6	2°32	8°55	15°39	12° 8	5°34	16°19	16°58	16° 6	26°15	n.a.	S 24
M25	7 38 19	26°24'31	16°59	28°12	14°34	3°19	8°48	15°42	12° 5	5°36	16°19	16°46	16° 3	26°21	n.a.	M25
T 26	7 42 16	27°24'37	0♓55	0♒ 7	14° 5	4° 6	8°41	15°45	12° 3	5°37	16°19	16°35	16° 0	26°28	n.a.	T 26
W27	7 46 12	28°24'40	14°59	2° 3	13°37	4°53	8°34	15°49	12° 0	5°39	16°19	16°27	15°56	26°35	n.a.	W27
T 28	7 50 9	29°24'41	29° 7	3°59	13°11	5°40	8°27	15°52	11°58	5°40	16°R19	16°21	15°53	26°41	n.a.	T 28
F 29	7 54 5	0♒24'39	13♈16	5°55	12°48	6°27	8°20	15°56	11°55	5°42	16°19	16°18	15°50	26°48	n.a.	F 29
S 30	7 58 2	1°24'36	27°23	7°52	12°26	7°14	8°13	16° 0	11°53	5°43	16°19	16°D17	15°47	26°55	n.a.	S 30
S 31	8 1 59	2♒24'30	11♉28	9♒49	12♑ 7	8♑ 1	8♋ 6	16♈ 4	11♌50	5♐45	16♎19	16°R17	15♉44	27♎ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s48	2s30	3s44	24s20	1s11	17s 7	4n 7	23s34	0s40	24n 9	0n53	3n42	2s27	17n56	0n47	20s19	1n 9	6n50	14n23	17n37	17n16	7s25		n.a.
S 2	23 46	4n 1	2 45	24 34	1 16	16 54	4 21	23 40	0 41	24 10	0 54	3 42	2 26	17 57	0 47	20 19	1 9	6 50	14 24	17 37	17 15	7 28		n.a.
S 3	23 45	10 23	1 36	24 47	1 22	16 43	4 36	23 46	0 41	24 11	0 54	3 43	2 26	17 57	0 47	20 19	1 9	6 50	14 24	17 38	17 14	7 32		n.a.
M 4	23 42	16 16	0 20	24 59	1 26	16 32	4 51	23 51	0 42	24 12	0 54	3 44	2 26	17 58	0 47	20 20	1 9	6 50	14 25	17 38	17 13	7 35		n.a.
T 5	23 40	21 15	0n58	25 9	1 31	16 21	5 5	23 56	0 43	24 13	0 54	3 45	2 25	17 58	0 47	20 20	1 9	6 50	14 25	17 38	17 12	7 38		n.a.
W 6	23 37	24 58	2 11	25 18	1 35	16 11	5 19	24 1	0 43	24 14	0 54	3 45	2 25	17 59	0 47	20 21	1 9	6 50	14 25	17 37	17 11	7 41		n.a.
T 7	23 33	27 3	3 15	25 25	1 40	16 2	5 33	24 6	0 44	24 15	0 54	3 46	2 25	17 59	0 47	20 21	1 9	6 50	14 26	17 36	17 10	7 45		n.a.
F 8	23 29	27 22	4 7	25 31	1 43	15 53	5 47	24 10	0 44	24 15	0 55	3 47	2 25	18 0	0 47	20 21	1 9	6 50	14 26	17 34	17 10	7 48		n.a.
S 9	23 24	25 58	4 43	25 35	1 47	15 45	6 0	24 14	0 45	24 16	0 55	3 48	2 24	18 1	0 47	20 22	1 9	6 50	14 27	17 31	17 9	7 51		n.a.
S 10	23 19	23 6	5 2	25 38	1 50	15 37	6 13	24 18	0 46	24 17	0 55	3 49	2 24	18 1	0 47	20 22	1 9	6 50	14 27	17 29	17 8	7 54		n.a.
M11	23 14	19 7	5 5	25 39	1 53	15 30	6 26	24 21	0 46	24 18	0 55	3 50	2 24	18 2	0 47	20 22	1 9	6 51	14 28	17 26	17 7	7 58		n.a.
T 12	23 8	14 23	4 53	25 38	1 55	15 24	6 37	24 25	0 47	24 18	0 55	3 51	2 23	18 3	0 47	20 23	1 9	6 51	14 28	17 24	17 6	8 1		n.a.
W13	23 2	9 9	4 26	25 36	1 57	15 18	6 49	24 28	0 47	24 19	0 55	3 52	2 23	18 3	0 47	20 23	1 9	6 51	14 28	17 22	17 5	8 4		n.a.
T 14	22 55	3 42	3 49	25 32	1 59	15 13	6 59	24 30	0 48	24 20	0 55	3 53	2 23	18 4	0 47	20 23	1 9	6 51	14 29	17 21	17 4	8 7		n.a.
F 15	22 48	1s48	3 1	25 26	2 0	15 9	7 9	24 33	0 48	24 21	0 55	3 54	2 22	18 5	0 47	20 24	1 9	6 51	14 29	17 21	17 3	8 10		n.a.
S 16	22 40	7 12	2 7	25 18	2 1	15 5	7 18	24 35	0 49	24 21	0 55	3 55	2 22	18 5	0 47	20 24	1 9	6 52	14 30	17 21	17 2	8 14		n.a.
S 17	22 32	12 21	1 7	25 8	2 1	15 2	7 26	24 36	0 50	24 22	0 56	3 57	2 22	18 6	0 47	20 24	1 9	6 52	14 30	17 21	17 1	8 17		n.a.
M18	22 23	17 5	0 4	24 56	2 1	15 0	7 34	24 38	0 50	24 23	0 56	3 58	2 21	18 7	0 47	20 24	1 9	6 52	14 31	17 21	17 0	8 20		n.a.
T 19	22 14	21 13	1s 0	24 42	2 0	14 59	7 40	24 39	0 51	24 23	0 56	3 59	2 21	18 7	0 47	20 25	1 9	6 52	14 31	17 21	16 59	8 23		n.a.
W20	22 5	24 29	2 2	24 26	1 59	14 58	7 46	24 40	0 51	24 24	0 56	4 1	2 21	18 8	0 47	20 25	1 9	6 53	14 31	17 20	16 58	8 26		n.a.
T 21	21 55	26 39	3 0	24 8	1 58	14 57	7 50	24 41	0 52	24 25	0 56	4 2	2 21	18 9	0 47	20 25	1 9	6 53	14 32	17 18	16 58	8 30		n.a.
F 22	21 45	27 28	3 50	23 48	1 56	14 58	7 54	24 41	0 52	24 25	0 56	4 4	2 20	18 9	0 47	20 26	1 9	6 53	14 32	17 16	16 57	8 33		n.a.
S 23	21 34	26 46	4 29	23 25	1 53	14 59	7 57	24 41	0 53	24 26	0 56	4 5	2 20	18 10	0 47	20 26	1 9	6 54	14 33	17 13	16 56	8 36		n.a.
S 24	21 23	24 29	4 54	23 1	1 50	15 1	7 59	24 41	0 53	24 26	0 56	4 7	2 20	18 11	0 47	20 26	1 9	6 54	14 33	17 10	16 55	8 39		n.a.
M25	21 12	20 46	5 2	22 34	1 46	15 3	8 0	24 40	0 54	24 27	0 56	4 8	2 19	18 12	0 47	20 26	1 9	6 54	14 34	17 6	16 54	8 43		n.a.
T 26	21 0	15 52	4 53	22 6	1 42	15 6	8 0	24 39	0 54	24 28	0 56	4 10	2 19	18 12	0 47	20 27	1 9	6 55	14 34	17 3	16 53	8 46		n.a.
W27	20 48	10 4	4 26	21 35	1 37	15 9	8 0	24 38	0 55	24 28	0 56	4 11	2 19	18 13	0 47	20 27	1 9	6 55	14 34	17 1	16 52	8 49		n.a.
T 28	20 36	3 45	3 42	21 2	1 31	15 13	7 58	24 37	0 56	24 29	0 56	4 13	2 18	18 14	0 47	20 27	1 9	6 56	14 35	16 59	16 51	8 52		n.a.
F 29	20 23	2n47	2 45	20 28	1 25	15 17	7 56	24 35	0 56	24 29	0 56	4 15	2 18	18 14	0 47	20 27	1 9	6 56	14 35	16 58	16 50	8 55		n.a.
S 30	20 9	9 11	1 38	19 51	1 18	15 22	7 53	24 33	0 57	24 30	0 57	4 16	2 18	18 15	0 47	20 28	1 9	6 56	14 36	16 58	16 49	8 59		n.a.
S 31	19s56	15n 6	0s25	19s12	1s11	15s27	7n50	24s31	0s57	24n30	0n57	4n18	2s18	18n16	0n47	20s28	1n 9	6n57	14n36	16n58	16n48	9s 2		n.a.

Julian Day Number = 1365304.5, Delta T = 06h55m23s
Ecliptic obliquity = 23°48'48, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°32'11, Lahiri = -17°25'10 Julian Calendar 1 Jan. 975 BCE == Greg. Calendar 23 Dec. 976 BCE

The year -974 astronomical counting style corresponds to year 975 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 975 BCE
geocentric

FEBRUARY 975 BCE (-974) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 5 55	3♒24'21	25♉30	11♒46	11°R51	8♑48	8°R 0	16♈ 8	11°R48	5♐46	16°R18	16°R17	15♉40	27♎ 8	n.a.	M 1
T 2	8 9 52	4°24'10	9♊28	13°42	11♑37	9°35	7♋53	16°12	11♌45	5°48	16♎18	16♉15	15°37	27°15	n.a.	T 2
W 3	8 13 48	5°23'57	23°21	15°38	11°25	10°22	7°47	16°16	11°42	5°49	16°18	16°11	15°34	27°21	n.a.	W 3
T 4	8 17 45	6°23'42	7♋ 7	17°33	11°16	11° 8	7°41	16°20	11°40	5°50	16°18	16° 3	15°31	27°28	n.a.	T 4
F 5	8 21 41	7°23'24	20°44	19°27	11° 9	11°55	7°35	16°25	11°37	5°52	16°18	15°54	15°28	27°35	n.a.	F 5
S 6	8 25 38	8°23'04	4♌ 9	21°19	11° 5	12°42	7°29	16°29	11°35	5°53	16°17	15°41	15°25	27°41	n.a.	S 6
S 7	8 29 34	9°22'42	17°19	23° 9	11°D 3	13°29	7°23	16°34	11°32	5°54	16°17	15°28	15°21	27°48	n.a.	S 7
M 8	8 33 31	10°22'18	0♍13	24°56	11° 3	14°16	7°17	16°38	11°29	5°55	16°16	15°15	15°18	27°55	n.a.	M 8
T 9	8 37 28	11°21'51	12°49	26°40	11° 6	15° 3	7°12	16°43	11°27	5°57	16°16	15° 4	15°15	28° 1	n.a.	T 9
W10	8 41 24	12°21'23	25°10	28°21	11°12	15°50	7° 6	16°48	11°24	5°58	16°16	14°54	15°12	28° 8	n.a.	W10
T 11	8 45 21	13°20'52	7♎16	29°58	11°19	16°37	7° 1	16°52	11°22	5°59	16°15	14°47	15° 9	28°14	n.a.	T 11
F 12	8 49 17	14°20'20	19°12	1♓31	11°29	17°24	6°56	16°57	11°19	6° 0	16°15	14°44	15° 6	28°21	n.a.	F 12
S 13	8 53 14	15°19'46	1♏ 1	2°59	11°41	18°11	6°51	17° 2	11°16	6° 1	16°14	14°42	15° 2	28°28	n.a.	S 13
S 14	8 57 10	16°19'09	12°50	4°21	11°55	18°57	6°46	17° 8	11°14	6° 2	16°14	14°41	14°59	28°34	n.a.	S 14
M15	9 1 7	17°18'31	24°42	5°38	12°11	19°44	6°42	17°13	11°11	6° 3	16°13	14°41	14°56	28°41	n.a.	M15
T 16	9 5 3	18°17'51	6♐44	6°49	12°29	20°31	6°37	17°18	11° 8	6° 4	16°12	14°40	14°53	28°48	n.a.	T 16
W17	9 9 0	19°17'09	19° 1	7°54	12°49	21°18	6°33	17°23	11° 6	6° 5	16°12	14°38	14°50	28°54	n.a.	W17
T 18	9 12 56	20°16'26	1♑38	8°52	13°11	22° 5	6°29	17°29	11° 3	6° 6	16°11	14°32	14°46	29° 1	n.a.	T 18
F 19	9 16 53	21°15'40	14°38	9°43	13°35	22°51	6°25	17°34	11° 1	6° 7	16°10	14°24	14°43	29° 8	n.a.	F 19
S 20	9 20 50	22°14'52	28° 2	10°26	14° 0	23°38	6°21	17°40	10°58	6° 8	16° 9	14°14	14°40	29°14	n.a.	S 20
S 21	9 24 46	23°14'02	11♒49	11° 3	14°27	24°25	6°18	17°45	10°56	6° 9	16° 9	14° 2	14°37	29°21	n.a.	S 21
M22	9 28 43	24°13'10	25°56	11°33	14°56	25°12	6°14	17°51	10°53	6°10	16° 8	13°50	14°34	29°28	n.a.	M22
T 23	9 32 39	25°12'16	10♓19	11°55	15°26	25°58	6°11	17°57	10°51	6°10	16° 7	13°39	14°31	29°34	n.a.	T 23
W24	9 36 36	26°11'20	24°50	12° 9	15°57	26°45	6° 8	18° 3	10°48	6°11	16° 6	13°30	14°27	29°41	n.a.	W24
T 25	9 40 32	27°10'21	9♈22	12°17	16°30	27°32	6° 5	18° 9	10°46	6°12	16° 5	13°24	14°24	29°48	n.a.	T 25
F 26	9 44 29	28° 9'20	23°51	12°R17	17° 5	28°19	6° 2	18°15	10°43	6°13	16° 4	13°20	14°21	29°54	n.a.	F 26
S 27	9 48 25	29° 8'16	8♉12	12°11	17°40	29° 5	6° 0	18°21	10°41	6°13	16° 3	13°D19	14°18	0♏ 1	n.a.	S 27
S 28	9 52 22	0♓ 7'10	22♉22	11♓57	18♑17	29♑52	5♋57	18♈27	10♌38	6♐14	16♎ 2	13♉19	14♉15	0♏ 8	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s42	20n13	0n49	18s32	1s 3	15s32	7n46	24s28	0s58	24n31	0n57	4n20	2s17	18n17	0n47	20s28	1n 9	6n57	14n37	16n58	16n47	9s 5		n.a.
T 2	19 28	24 11	2 0	17 50	0 54	15 38	7 41	24 26	0 58	24 31	0 57	4 22	2 17	18 17	0 47	20 28	1 9	6 58	14 37	16 57	16 46	9 8		n.a.
W 3	19 13	26 41	3 3	17 6	0 44	15 45	7 36	24 22	0 59	24 31	0 57	4 24	2 17	18 18	0 47	20 29	1 9	6 58	14 37	16 56	16 45	9 11		n.a.
T 4	18 58	27 31	3 54	16 21	0 34	15 51	7 30	24 19	0 59	24 32	0 57	4 26	2 16	18 19	0 47	20 29	1 9	6 59	14 38	16 54	16 45	9 15		n.a.
F 5	18 43	26 40	4 32	15 36	0 24	15 58	7 24	24 15	0 59	24 32	0 57	4 28	2 16	18 20	0 47	20 29	1 9	6 59	14 38	16 51	16 44	9 18		n.a.
S 6	18 27	24 17	4 54	14 49	0 12	16 5	7 18	24 11	1 0	24 33	0 57	4 29	2 16	18 20	0 47	20 29	1 9	7 0	14 39	16 48	16 43	9 21		n.a.
S 7	18 11	20 38	5 0	14 1	0 1	16 12	7 11	24 7	1 0	24 33	0 57	4 31	2 16	18 21	0 47	20 29	1 9	7 0	14 39	16 44	16 42	9 24		n.a.
M 8	17 55	16 5	4 50	13 14	0n12	16 19	7 3	24 3	1 1	24 33	0 57	4 34	2 15	18 22	0 47	20 30	1 9	7 1	14 39	16 40	16 41	9 27		n.a.
T 9	17 38	10 56	4 26	12 26	0 24	16 26	6 56	23 58	1 1	24 34	0 57	4 36	2 15	18 23	0 47	20 30	1 9	7 1	14 40	16 36	16 40	9 31		n.a.
W10	17 22	5 28	3 50	11 39	0 37	16 33	6 48	23 53	1 2	24 34	0 57	4 38	2 15	18 23	0 47	20 30	1 9	7 2	14 40	16 34	16 39	9 34		n.a.
T 11	17 4	0s 7	3 4	10 52	0 50	16 41	6 40	23 47	1 2	24 34	0 57	4 40	2 15	18 24	0 47	20 30	1 9	7 2	14 41	16 32	16 38	9 37		n.a.
F 12	16 47	5 37	2 11	10 7	1 4	16 48	6 32	23 42	1 3	24 34	0 57	4 42	2 14	18 25	0 48	20 30	1 9	7 3	14 41	16 30	16 37	9 40		n.a.
S 13	16 29	10 54	1 12	9 22	1 17	16 56	6 23	23 36	1 3	24 35	0 57	4 44	2 14	18 26	0 48	20 31	1 9	7 3	14 41	16 30	16 36	9 43		n.a.
S 14	16 11	15 46	0 10	8 40	1 30	17 3	6 15	23 30	1 4	24 35	0 57	4 46	2 14	18 26	0 48	20 31	1 9	7 4	14 42	16 30	16 35	9 47		n.a.
M15	15 53	20 6	0s53	7 59	1 44	17 10	6 6	23 23	1 4	24 35	0 57	4 49	2 14	18 27	0 48	20 31	1 9	7 4	14 42	16 30	16 34	9 50		n.a.
T 16	15 35	23 39	1 54	7 20	1 57	17 17	5 57	23 17	1 4	24 35	0 57	4 51	2 13	18 28	0 48	20 31	1 10	7 5	14 43	16 29	16 33	9 53		n.a.
W17	15 16	26 12	2 51	6 45	2 9	17 24	5 48	23 10	1 5	24 36	0 57	4 53	2 13	18 28	0 47	20 31	1 10	7 6	14 43	16 29	16 32	9 56		n.a.
T 18	14 57	27 29	3 41	6 11	2 22	17 31	5 39	23 3	1 5	24 36	0 57	4 55	2 13	18 29	0 47	20 31	1 10	7 6	14 43	16 27	16 31	9 59		n.a.
F 19	14 38	27 20	4 22	5 41	2 33	17 38	5 30	22 55	1 6	24 36	0 57	4 58	2 13	18 30	0 47	20 31	1 10	7 7	14 44	16 25	16 30	10 2		n.a.
S 20	14 19	25 36	4 49	5 14	2 44	17 44	5 21	22 47	1 6	24 36	0 57	5 0	2 12	18 31	0 47	20 32	1 10	7 7	14 44	16 22	16 29	10 6		n.a.
S 21	13 59	22 19	5 0	4 51	2 54	17 50	5 12	22 40	1 6	24 36	0 57	5 2	2 12	18 31	0 47	20 32	1 10	7 8	14 44	16 18	16 28	10 9		n.a.
M22	13 39	17 40	4 54	4 31	3 4	17 56	5 3	22 31	1 7	24 36	0 57	5 5	2 12	18 32	0 47	20 32	1 10	7 9	14 45	16 14	16 27	10 12		n.a.
T 23	13 19	11 58	4 29	4 15	3 12	18 2	4 54	22 23	1 7	24 37	0 57	5 7	2 12	18 33	0 47	20 32	1 10	7 9	14 45	16 11	16 27	10 15		n.a.
W24	12 59	5 33	3 47	4 3	3 19	18 7	4 45	22 14	1 7	24 37	0 57	5 10	2 11	18 33	0 47	20 32	1 10	7 10	14 45	16 8	16 26	10 18		n.a.
T 25	12 39	1n11	2 49	3 54	3 25	18 12	4 36	22 5	1 8	24 37	0 57	5 12	2 11	18 34	0 47	20 32	1 10	7 11	14 46	16 6	16 25	10 21		n.a.
F 26	12 18	7 50	1 41	3 50	3 30	18 17	4 27	21 56	1 8	24 37	0 57	5 15	2 11	18 35	0 47	20 32	1 10	7 11	14 46	16 5	16 24	10 25		n.a.
S 27	11 57	14 2	0 27	3 50	3 33	18 21	4 18	21 47	1 9	24 37	0 57	5 17	2 11	18 35	0 47	20 32	1 10	7 12	14 46	16 5	16 23	10 28		n.a.
S 28	11s36	19n25	0n48	3s53	3n35	18s25	4n10	21s37	1s 9	24n37	0n56	5n20	2s11	18n36	0n47	20s32	1n10	7n13	14n47	16n 5	16n22	10s31		n.a.

Julian Day Number = 1365335.5, Delta T = 06h55m21s
Ecliptic obliquity = 23°48'48, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°32'06, Lahiri = -17°25'06 Julian Calendar 1 Feb. 975 BCE == Greg. Calendar 23 Jan. 975 BCE

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ASTRODIENST EPHEMERIS for the year 975 BCE
geocentric

MARCH 975 BCE (-974) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 56 18	1♓ 6'02	6♊21	11°R38	18♉55	0♒38	5°R55	18♈33	10°R36	6♐14	16°R 1	13°R19	14♉11	0♏14	n.a.	M 1
T 2	10 0 15	2° 4'51	20° 8	11♓13	19°34	1°25	5♋53	18°39	10♎34	6°15	16♎ 0	13♉18	14° 8	0°21	n.a.	T 2
W 3	10 4 12	3° 3'38	3♋43	10°43	20°14	2°11	5°52	18°45	10°31	6°16	15°59	13°15	14° 5	0°27	n.a.	W 3
T 4	10 8 8	4° 2'22	17° 8	10° 8	20°56	2°58	5°50	18°52	10°29	6°16	15°58	13° 8	14° 2	0°34	n.a.	T 4
F 5	10 12 5	5° 1'04	0♎21	9°30	21°38	3°44	5°49	18°58	10°27	6°16	15°57	13° 0	13°59	0°41	n.a.	F 5
S 6	10 16 1	5°59'44	13°22	8°49	22°21	4°31	5°48	19° 5	10°24	6°17	15°56	12°49	13°56	0°47	n.a.	S 6
S 7	10 19 58	6°58'21	26°11	8° 5	23° 5	5°17	5°47	19°11	10°22	6°17	15°55	12°38	13°52	0°54	n.a.	S 7
M 8	10 23 54	7°56'57	8♏47	7°21	23°51	6° 4	5°46	19°18	10°20	6°18	15°53	12°26	13°49	1° 1	n.a.	M 8
T 9	10 27 51	8°55'30	21°11	6°36	24°37	6°50	5°45	19°24	10°18	6°18	15°52	12°16	13°46	1° 7	n.a.	T 9
W10	10 31 47	9°54'01	3♎22	5°51	25°23	7°36	5°45	19°31	10°15	6°18	15°51	12° 7	13°43	1°14	n.a.	W10
T 11	10 35 44	10°52'30	15°23	5° 8	26°11	8°23	5°44	19°38	10°13	6°18	15°50	12° 1	13°40	1°21	n.a.	T 11
F 12	10 39 41	11°50'58	27°16	4°26	27° 0	9° 9	5°D44	19°44	10°11	6°19	15°48	11°58	13°37	1°27	n.a.	F 12
S 13	10 43 37	12°49'23	9♏ 4	3°48	27°49	9°55	5°44	19°51	10° 9	6°19	15°47	11°D57	13°33	1°34	n.a.	S 13
S 14	10 47 34	13°47'47	20°52	3°12	28°39	10°42	5°45	19°58	10° 7	6°19	15°46	11°57	13°30	1°41	n.a.	S 14
M15	10 51 30	14°46'10	2♐44	2°40	29°29	11°28	5°45	20° 5	10° 5	6°19	15°44	11°58	13°27	1°47	n.a.	M15
T 16	10 55 27	15°44'30	14°45	2°13	0♒21	12°14	5°46	20°12	10° 3	6°19	15°43	11°R58	13°24	1°54	n.a.	T 16
W17	10 59 23	16°42'49	27° 2	1°50	1°13	13° 0	5°47	20°19	10° 1	6°19	15°42	11°58	13°21	2° 1	n.a.	W17
T 18	11 3 20	17°41'06	9♑38	1°31	2° 5	13°46	5°48	20°26	9°59	6°R19	15°40	11°55	13°17	2° 7	n.a.	T 18
F 19	11 7 16	18°39'22	22°38	1°18	2°58	14°32	5°49	20°33	9°57	6°19	15°39	11°51	13°14	2°14	n.a.	F 19
S 20	11 11 13	19°37'36	6♒ 5	1° 9	3°52	15°18	5°51	20°40	9°56	6°19	15°37	11°45	13°11	2°21	n.a.	S 20
S 21	11 15 9	20°35'48	19°59	1°D 5	4°46	16° 4	5°52	20°48	9°54	6°19	15°36	11°37	13° 8	2°27	n.a.	S 21
M22	11 19 6	21°33'58	4♓17	1° 7	5°41	16°50	5°54	20°55	9°52	6°19	15°35	11°29	13° 5	2°34	n.a.	M22
T 23	11 23 3	22°32'07	18°56	1°13	6°36	17°36	5°56	21° 2	9°50	6°19	15°33	11°21	13° 2	2°40	n.a.	T 23
W24	11 26 59	23°30'13	3♈48	1°24	7°32	18°22	5°58	21° 9	9°49	6°19	15°32	11°15	12°58	2°47	n.a.	W24
T 25	11 30 56	24°28'18	18°44	1°40	8°28	19° 8	6° 0	21°17	9°47	6°19	15°30	11°11	12°55	2°54	n.a.	T 25
F 26	11 34 52	25°26'21	3♉35	2° 0	9°25	19°54	6° 3	21°24	9°45	6°18	15°28	11°10	12°52	3° 0	n.a.	F 26
S 27	11 38 49	26°24'22	18°17	2°25	10°22	20°40	6° 5	21°31	9°44	6°18	15°27	11°D 9	12°49	3° 7	n.a.	S 27
S 28	11 42 45	27°22'22	2♊42	2°54	11°19	21°25	6° 8	21°39	9°42	6°18	15°25	11°11	12°46	3°14	n.a.	S 28
M29	11 46 42	28°20'19	16°49	3°27	12°17	22°11	6°11	21°46	9°41	6°18	15°24	11°12	12°43	3°20	n.a.	M29
T 30	11 50 38	29°18'14	0♋37	4° 4	13°16	22°57	6°14	21°54	9°40	6°17	15°22	11°R12	12°39	3°27	n.a.	T 30
W31	11 54 35	0♈16'07	14♋ 7	4♓45	14♒14	23♒42	6♋18	22♈ 1	9♎38	6♐17	15♎21	11♉11	12♉36	3♏34	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	11s15	23n40	1n59	4s 0	3n35	18s29	4n 1	21s27	1s 9	24n37	0n56	5n22	2s10	18n37	0n47	20s32	1n10	7n13	14n47	16n 5	16n21	10s34			n.a.
T 2	10 54	26 28	3 2	4 11	3 33	18 32	3 52	21 17	1 10	24 37	0 56	5 25	2 10	18 37	0 47	20 33	1 10	7 14	14 47	16 5	16 20	10 37			n.a.
W 3	10 32	27 40	3 54	4 26	3 30	18 35	3 43	21 7	1 10	24 37	0 56	5 28	2 10	18 38	0 47	20 33	1 10	7 15	14 48	16 3	16 19	10 40			n.a.
T 4	10 11	27 12	4 32	4 43	3 26	18 37	3 35	20 56	1 10	24 37	0 56	5 30	2 10	18 39	0 47	20 33	1 10	7 15	14 48	16 2	16 18	10 44			n.a.
F 5	9 49	25 11	4 55	5 3	3 19	18 39	3 26	20 46	1 10	24 37	0 56	5 33	2 10	18 39	0 47	20 33	1 10	7 16	14 48	15 59	16 17	10 47			n.a.
S 6	9 27	21 53	5 2	5 26	3 11	18 41	3 18	20 35	1 11	24 37	0 56	5 36	2 9	18 40	0 47	20 33	1 10	7 17	14 48	15 56	16 16	10 50			n.a.
S 7	9 5	17 35	4 54	5 51	3 2	18 42	3 9	20 23	1 11	24 37	0 56	5 38	2 9	18 40	0 47	20 33	1 10	7 17	14 49	15 52	16 15	10 53			n.a.
M 8	8 43	12 35	4 32	6 18	2 51	18 42	3 1	20 12	1 11	24 37	0 56	5 41	2 9	18 41	0 47	20 33	1 10	7 18	14 49	15 49	16 14	10 56			n.a.
T 9	8 21	7 10	3 56	6 46	2 39	18 42	2 53	20 0	1 12	24 37	0 56	5 44	2 9	18 42	0 47	20 33	1 10	7 19	14 49	15 45	16 13	10 59			n.a.
W10	7 59	1 33	3 11	7 15	2 26	18 42	2 44	19 49	1 12	24 37	0 56	5 46	2 9	18 42	0 47	20 33	1 10	7 19	14 49	15 43	16 12	11 3			n.a.
T 11	7 36	4s 3	2 17	7 44	2 12	18 41	2 36	19 37	1 12	24 37	0 56	5 49	2 8	18 43	0 47	20 33	1 10	7 20	14 50	15 41	16 11	11 6			n.a.
F 12	7 14	9 27	1 18	8 13	1 57	18 40	2 28	19 25	1 12	24 37	0 56	5 52	2 8	18 43	0 47	20 33	1 10	7 21	14 50	15 40	16 10	11 9			n.a.
S 13	6 51	14 30	0 15	8 42	1 42	18 38	2 21	19 12	1 13	24 37	0 56	5 55	2 8	18 44	0 47	20 33	1 10	7 21	14 50	15 39	16 9	11 12			n.a.
S 14	6 28	19 1	0s48	9 9	1 26	18 35	2 13	19 0	1 13	24 37	0 56	5 57	2 8	18 44	0 47	20 33	1 10	7 22	14 50	15 40	16 8	11 15			n.a.
M15	6 5	22 49	1 49	9 36	1 10	18 32	2 5	18 47	1 13	24 37	0 56	6 0	2 8	18 45	0 47	20 33	1 10	7 23	14 51	15 40	16 7	11 18			n.a.
T 16	5 42	25 41	2 47	10 1	0 53	18 29	1 58	18 34	1 13	24 37	0 56	6 3	2 8	18 46	0 47	20 33	1 10	7 24	14 51	15 40	16 6	11 21			n.a.
W17	5 19	27 25	3 38	10 25	0 37	18 25	1 50	18 21	1 14	24 37	0 56	6 6	2 7	18 46	0 47	20 33	1 10	7 24	14 51	15 40	16 5	11 24			n.a.
T 18	4 56	27 47	4 20	10 46	0 21	18 20	1 43	18 8	1 14	24 37	0 56	6 9	2 7	18 47	0 47	20 33	1 10	7 25	14 51	15 39	16 4	11 28			n.a.
F 19	4 33	26 39	4 50	11 6	0 6	18 15	1 36	17 54	1 14	24 36	0 55	6 11	2 7	18 47	0 47	20 33	1 10	7 26	14 51	15 38	16 3	11 31			n.a.
S 20	4 10	23 58	5 5	11 23	0s 9	18 9	1 28	17 41	1 14	24 36	0 55	6 14	2 7	18 48	0 47	20 33	1 10	7 26	14 51	15 36	16 2	11 34			n.a.
S 21	3 47	19 50	5 4	11 38	0 24	18 3	1 21	17 27	1 14	24 36	0 55	6 17	2 7	18 48	0 47	20 33	1 10	7 27	14 52	15 33	16 1	11 37			n.a.
M22	3 24	14 28	4 43	11 51	0 38	17 57	1 14	17 13	1 15	24 36	0 55	6 20	2 7	18 48	0 47	20 33	1 10	7 28	14 52	15 31	16 0	11 40			n.a.
T 23	3 0	8 10	4 4	12 1	0 52	17 49	1 8	16 59	1 15	24 36	0 55	6 23	2 6	18 49	0 47	20 33	1 11	7 28	14 52	15 28	16 0	11 43			n.a.
W24	2 37	1 20	3 8	12 9	1 5	17 42	1 1	16 45	1 15	24 36	0 55	6 26	2 6	18 49	0 47	20 33	1 11	7 29	14 52	15 26	15 59	11 46			n.a.
T 25	2 14	5n38	1 58	12 15	1 17	17 33	0 54	16 30	1 15	24 36	0 55	6 29	2 6	18 50	0 47	20 32	1 11	7 30	14 52	15 25	15 58	11 50			n.a.
F 26	1 50	12 16	0 41	12 18	1 29	17 24	0 48	16 16	1 15	24 35	0 55	6 32	2 6	18 50	0 47	20 32	1 11	7 31	14 52	15 25	15 57	11 53			n.a.
S 27	1 27	18 9	0n38	12 19	1 40	17 15	0 42	16 1	1 15	24 35	0 55	6 35	2 6	18 51	0 47	20 32	1 11	7 31	14 52	15 25	15 56	11 56			n.a.
S 28	1 4	22 53	1 54	12 18	1 50	17 5	0 35	15 46	1 15	24 35	0 55	6 38	2 6	18 51	0 47	20 32	1 11	7 32	14 52	15 25	15 55	11 59			n.a.
M29	0 40	26 9	3 1	12 14	1 59	16 55	0 29	15 31	1 16	24 35	0 55	6 40	2 6	18 51	0 47	20 32	1 11	7 33	14 53	15 25	15 54	12 2			n.a.
T 30	0 17	27 45	3 56	12 9	2 7	16 44	0 23	15 16	1 16	24 35	0 55	6 43	2 6	18 52	0 47	20 32	1 11	7 33	14 53	15 25	15 53	12 5			n.a.
W31	0n 7	27n38	4n37	12s 1	2s15	16s32	0n17	15s 1	1s16	24n34	0n55	6n46	2s 5	18n52	0n47	20s32	1n11	7n34	14n53	15n25	15n52	12s 8			n.a.

Julian Day Number = 1365363.5, Delta T = 06h55m20s
Ecliptic obliquity = 23°48'49, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°32'03, Lahiri = -17°25'02 Julian Calendar 1 March 975 BCE == Greg. Calendar 20 Feb. 975 BCE

The year -974 astronomical counting style corresponds to year 975 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 975 BCE
geocentric

APRIL 975 BCE (-974) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 58 32	1♈13'58	27♋20	5♓29	15♒13	24♒28	6♋21	22♈ 9	9°R37	6°R16	15°R19	11°R 9	12♉33	3♏40	n.a.	T 1
F 2	12 2 28	2°11'48	10♌17	6°17	16°13	25°13	6°25	22°17	9♌36	6♐16	15♎17	11♉ 4	12°30	3°47	n.a.	F 2
S 3	12 6 25	3° 9'35	23° 0	7° 9	17°12	25°59	6°29	22°24	9°34	6°15	15°16	10°59	12°27	3°54	n.a.	S 3
S 4	12 10 21	4° 7'21	5♍30	8° 3	18°12	26°44	6°33	22°32	9°33	6°15	15°14	10°52	12°23	4° 0	n.a.	S 4
M 5	12 14 18	5° 5'05	17°50	9° 1	19°13	27°29	6°37	22°39	9°32	6°14	15°13	10°46	12°20	4° 7	n.a.	M 5
T 6	12 18 14	6° 2'47	29°59	10° 2	20°14	28°15	6°42	22°47	9°31	6°14	15°11	10°40	12°17	4°14	n.a.	T 6
W 7	12 22 11	7° 0'27	12♎ 0	11° 6	21°15	29° 0	6°46	22°55	9°30	6°13	15° 9	10°36	12°14	4°20	n.a.	W 7
T 8	12 26 7	7°58'07	23°54	12°13	22°16	29°45	6°51	23° 3	9°29	6°13	15° 8	10°33	12°11	4°27	n.a.	T 8
F 9	12 30 4	8°55'45	5♏43	13°23	23°17	0♓30	6°56	23°10	9°28	6°12	15° 6	10°D32	12° 8	4°33	n.a.	F 9
S 10	12 34 0	9°53'21	17°30	14°35	24°19	1°16	7° 1	23°18	9°27	6°11	15° 4	10°32	12° 4	4°40	n.a.	S 10
S 11	12 37 57	10°50'57	29°19	15°50	25°21	2° 1	7° 6	23°26	9°26	6°10	15° 3	10°33	12° 1	4°47	n.a.	S 11
M12	12 41 54	11°48'31	11♐12	17° 7	26°24	2°46	7°11	23°34	9°25	6°10	15° 1	10°34	11°58	4°53	n.a.	M12
T 13	12 45 50	12°46'04	23°14	18°27	27°27	3°31	7°16	23°41	9°25	6° 9	14°59	10°36	11°55	5° 0	n.a.	T 13
W14	12 49 47	13°43'36	5♑30	19°50	28°29	4°16	7°22	23°49	9°24	6° 8	14°58	10°37	11°52	5° 7	n.a.	W14
T 15	12 53 43	14°41'07	18° 5	21°15	29°33	5° 0	7°28	23°57	9°23	6° 7	14°56	10°R37	11°48	5°13	n.a.	T 15
F 16	12 57 40	15°38'37	1♒ 2	22°42	0♓36	5°45	7°34	24° 5	9°23	6° 6	14°54	10°37	11°45	5°20	n.a.	F 16
S 17	13 1 36	16°36'06	14°25	24°12	1°40	6°30	7°40	24°13	9°22	6° 6	14°53	10°35	11°42	5°27	n.a.	S 17
S 18	13 5 33	17°33'35	28°15	25°44	2°43	7°15	7°46	24°21	9°22	6° 5	14°51	10°32	11°39	5°33	n.a.	S 18
M19	13 9 30	18°31'02	12♓32	27°18	3°47	8° 0	7°52	24°28	9°21	6° 4	14°49	10°29	11°36	5°40	n.a.	M19
T 20	13 13 26	19°28'28	27°13	28°55	4°52	8°44	7°59	24°36	9°21	6° 3	14°48	10°26	11°33	5°47	n.a.	T 20
W21	13 17 23	20°25'53	12♈12	0♈34	5°56	9°29	8° 5	24°44	9°21	6° 2	14°46	10°24	11°29	5°53	n.a.	W21
T 22	13 21 19	21°23'17	27°20	2°16	7° 1	10°13	8°12	24°52	9°20	6° 1	14°44	10°23	11°26	6° 0	n.a.	T 22
F 23	13 25 16	22°20'40	12♉27	4° 0	8° 5	10°58	8°19	25° 0	9°20	6° 0	14°43	10°D22	11°23	6° 7	n.a.	F 23
S 24	13 29 12	23°18'02	27°26	5°46	9°10	11°42	8°26	25° 8	9°20	5°59	14°41	10°23	11°20	6°13	n.a.	S 24
S 25	13 33 9	24°15'23	12♊ 9	7°34	10°15	12°26	8°33	25°16	9°20	5°58	14°39	10°24	11°17	6°20	n.a.	S 25
M26	13 37 5	25°12'42	26°31	9°25	11°21	13°11	8°40	25°24	9°D20	5°56	14°38	10°25	11°14	6°26	n.a.	M26
T 27	13 41 2	26°10'01	10♋28	11°18	12°26	13°55	8°48	25°32	9°20	5°55	14°36	10°26	11°10	6°33	n.a.	T 27
W28	13 44 59	27° 7'18	24° 2	13°13	13°32	14°39	8°55	25°39	9°20	5°54	14°35	10°R26	11° 7	6°40	n.a.	W28
T 29	13 48 55	28° 4'34	7♌12	15°11	14°38	15°23	9° 3	25°47	9°20	5°53	14°33	10°26	11° 4	6°46	n.a.	T 29
F 30	13 52 52	29♈ 1'49	20♌ 3	17♈10	15♓44	16♓ 7	9♋11	25♈55	9♌20	5♐52	14♎31	10♉26	11♉ 1	6♏53	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n30	25n56	5n 1	11s51	2s22	16s20	0n12	14s46	1s16	24n34	0n55	6n49	2s 5	18n52	0n47	20s32	1n11	7n35	14n53	15n24	15n51	12s11		n.a.
F 2	0 53	22 54	5 10	11 38	2 29	16 8	0 6	14 30	1 16	24 34	0 55	6 52	2 5	18 53	0 47	20 32	1 11	7 35	14 53	15 23	15 50	12 14		n.a.
S 3	1 17	18 50	5 4	11 24	2 34	15 55	0 0	14 15	1 16	24 34	0 55	6 55	2 5	18 53	0 47	20 32	1 11	7 36	14 53	15 21	15 49	12 18		n.a.
S 4	1 40	14 0	4 42	11 8	2 39	15 41	0s 5	13 59	1 16	24 33	0 54	6 58	2 5	18 53	0 47	20 32	1 11	7 37	14 53	15 19	15 48	12 21		n.a.
M 5	2 3	8 41	4 8	10 49	2 43	15 27	0 10	13 43	1 16	24 33	0 54	7 1	2 5	18 53	0 47	20 31	1 11	7 37	14 53	15 17	15 47	12 24		n.a.
T 6	2 26	3 6	3 23	10 29	2 47	15 13	0 16	13 28	1 16	24 33	0 54	7 4	2 5	18 54	0 47	20 31	1 11	7 38	14 53	15 15	15 46	12 27		n.a.
W 7	2 49	2s31	2 30	10 7	2 49	14 58	0 21	13 12	1 16	24 32	0 54	7 7	2 5	18 54	0 47	20 31	1 11	7 38	14 53	15 14	15 45	12 30		n.a.
T 8	3 13	8 2	1 30	9 43	2 51	14 42	0 26	12 56	1 16	24 32	0 54	7 10	2 5	18 54	0 46	20 31	1 11	7 39	14 53	15 13	15 44	12 33		n.a.
F 9	3 36	13 13	0 26	9 17	2 53	14 27	0 30	12 39	1 17	24 32	0 54	7 13	2 4	18 54	0 46	20 31	1 11	7 40	14 53	15 13	15 43	12 36		n.a.
S 10	3 59	17 56	0s38	8 49	2 53	14 10	0 35	12 23	1 17	24 31	0 54	7 16	2 4	18 55	0 46	20 31	1 11	7 40	14 53	15 13	15 42	12 39		n.a.
S 11	4 22	21 58	1 41	8 20	2 53	13 53	0 40	12 7	1 17	24 31	0 54	7 19	2 4	18 55	0 46	20 31	1 11	7 41	14 53	15 13	15 41	12 42		n.a.
M12	4 44	25 7	2 41	7 49	2 53	13 36	0 44	11 50	1 17	24 31	0 54	7 22	2 4	18 55	0 46	20 30	1 11	7 42	14 53	15 14	15 40	12 45		n.a.
T 13	5 7	27 11	3 33	7 16	2 52	13 18	0 48	11 34	1 17	24 30	0 54	7 25	2 4	18 55	0 46	20 30	1 11	7 42	14 53	15 14	15 39	12 48		n.a.
W14	5 30	27 59	4 18	6 41	2 50	13 0	0 53	11 17	1 17	24 30	0 54	7 28	2 4	18 55	0 46	20 30	1 11	7 43	14 53	15 14	15 38	12 51		n.a.
T 15	5 52	27 22	4 51	6 5	2 47	12 42	0 57	11 0	1 17	24 30	0 54	7 31	2 4	18 55	0 46	20 30	1 11	7 43	14 53	15 14	15 37	12 55		n.a.
F 16	6 15	25 17	5 10	5 27	2 44	12 23	1 1	10 44	1 17	24 29	0 54	7 34	2 4	18 56	0 46	20 30	1 11	7 44	14 53	15 14	15 36	12 58		n.a.
S 17	6 37	21 45	5 14	4 47	2 40	12 3	1 5	10 27	1 17	24 29	0 54	7 37	2 4	18 56	0 46	20 30	1 11	7 44	14 53	15 14	15 35	13 1		n.a.
S 18	7 0	16 56	5 0	4 6	2 36	11 44	1 8	10 10	1 17	24 28	0 54	7 40	2 4	18 56	0 46	20 29	1 11	7 45	14 53	15 13	15 34	13 4		n.a.
M19	7 22	11 4	4 27	3 23	2 31	11 23	1 12	9 53	1 17	24 28	0 54	7 43	2 4	18 56	0 46	20 29	1 11	7 46	14 53	15 12	15 33	13 7		n.a.
T 20	7 44	4 25	3 36	2 39	2 26	11 3	1 16	9 36	1 16	24 28	0 53	7 46	2 4	18 56	0 46	20 29	1 11	7 46	14 52	15 11	15 32	13 10		n.a.
W21	8 6	2n36	2 29	1 54	2 19	10 42	1 19	9 19	1 16	24 27	0 53	7 49	2 3	18 56	0 46	20 29	1 11	7 47	14 52	15 10	15 31	13 13		n.a.
T 22	8 28	9 34	1 12	1 7	2 13	10 21	1 22	9 2	1 16	24 27	0 53	7 52	2 3	18 56	0 46	20 29	1 11	7 47	14 52	15 10	15 30	13 16		n.a.
F 23	8 50	16 0	0n12	0 18	2 6	9 59	1 25	8 45	1 16	24 26	0 53	7 55	2 3	18 56	0 46	20 29	1 11	7 48	14 52	15 10	15 29	13 19		n.a.
S 24	9 11	21 24	1 33	0n31	1 58	9 37	1 28	8 27	1 16	24 26	0 53	7 58	2 3	18 56	0 46	20 28	1 11	7 48	14 52	15 10	15 28	13 22		n.a.
S 25	9 33	25 22	2 47	1 22	1 50	9 15	1 31	8 10	1 16	24 25	0 53	8 1	2 3	18 56	0 46	20 28	1 11	7 49	14 52	15 10	15 27	13 25		n.a.
M26	9 54	27 34	3 48	2 14	1 42	8 52	1 34	7 53	1 16	24 25	0 53	8 4	2 3	18 56	0 46	20 28	1 11	7 49	14 52	15 11	15 26	13 28		n.a.
T 27	10 15	27 57	4 35	3 7	1 33	8 29	1 37	7 35	1 16	24 24	0 53	8 7	2 3	18 56	0 46	20 28	1 11	7 50	14 51	15 11	15 25	13 31		n.a.
W28	10 36	26 37	5 4	4 1	1 23	8 6	1 40	7 18	1 16	24 23	0 53	8 10	2 3	18 56	0 46	20 27	1 11	7 50	14 51	15 11	15 24	13 34		n.a.
T 29	10 57	23 51	5 16	4 56	1 14	7 42	1 42	7 0	1 16	24 23	0 53	8 13	2 3	18 56	0 46	20 27	1 11	7 51	14 51	15 11	15 23	13 37		n.a.
F 30	11n18	19n57	5n12	5n52	1s 4	7s19	1s44	6s43	1s16	24n22	0n53	8n16	2s 3	18n56	0n46	20s27	1n11	7n51	14n51	15n11	15n22	13s40		n.a.

Julian Day Number = 1365394.5, Delta T = 06h55m19s
Ecliptic obliquity = 23°48'49, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°31'58, Lahiri = -17°24'58 Julian Calendar 1 Apr. 975 BCE == Greg. Calendar 23 March 975 BCE

The year -974 astronomical counting style corresponds to year 975 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 975 BCE
geocentric

MAY 975 BCE (-974) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 56 48	29♈59'02	2♍35	19♈11	16♓50	16♓51	9♋18	26♈ 3	9♌20	5°R51	14°R30	10°R24	10♉58	7♏ 0	n.a.	S 1
S 2	14 0 45	0♉56'15	14°54	21°15	17°56	17°35	9°26	26°11	9°21	5♐49	14♎28	10♉23	10°54	7° 6	n.a.	S 2
M 3	14 4 41	1°53'27	27° 1	23°20	19° 2	18°19	9°35	26°19	9°21	5°48	14°27	10°22	10°51	7°13	n.a.	M 3
T 4	14 8 38	2°50'38	8♎59	25°26	20° 9	19° 3	9°43	26°27	9°21	5°47	14°25	10°21	10°48	7°20	n.a.	T 4
W 5	14 12 34	3°47'48	20°52	27°34	21°15	19°46	9°51	26°35	9°22	5°46	14°24	10°20	10°45	7°26	n.a.	W 5
T 6	14 16 31	4°44'57	2♏41	29°44	22°22	20°30	10° 0	26°42	9°22	5°44	14°22	10°20	10°42	7°33	n.a.	T 6
F 7	14 20 28	5°42'06	14°29	1♉54	23°29	21°14	10° 8	26°50	9°23	5°43	14°20	10°D20	10°39	7°40	n.a.	F 7
S 8	14 24 24	6°39'14	26°17	4° 5	24°36	21°57	10°17	26°58	9°23	5°42	14°19	10°20	10°35	7°46	n.a.	S 8
S 9	14 28 21	7°36'22	8♐10	6°16	25°43	22°41	10°26	27° 6	9°24	5°40	14°17	10°20	10°32	7°53	n.a.	S 9
M10	14 32 17	8°33'29	20° 8	8°28	26°51	23°24	10°35	27°14	9°25	5°39	14°16	10°21	10°29	7°59	n.a.	M10
T 11	14 36 14	9°30'36	2♑15	10°39	27°58	24° 7	10°44	27°22	9°25	5°37	14°14	10°21	10°26	8° 6	n.a.	T 11
W12	14 40 10	10°27'43	14°35	12°50	29° 6	24°51	10°53	27°29	9°26	5°36	14°13	10°R21	10°23	8°13	n.a.	W12
T 13	14 44 7	11°24'50	27°11	15° 1	0♈13	25°34	11° 2	27°37	9°27	5°35	14°12	10°21	10°20	8°19	n.a.	T 13
F 14	14 48 3	12°21'57	10♒ 7	17°10	1°21	26°17	11°11	27°45	9°28	5°33	14°10	10°D21	10°16	8°26	n.a.	F 14
S 15	14 52 0	13°19'03	23°24	19°19	2°29	27° 0	11°21	27°53	9°29	5°32	14° 9	10°21	10°13	8°33	n.a.	S 15
S 16	14 55 57	14°16'10	7♓ 6	21°26	3°37	27°43	11°30	28° 0	9°30	5°30	14° 7	10°21	10°10	8°39	n.a.	S 16
M17	14 59 53	15°13'16	21°13	23°32	4°45	28°26	11°40	28° 8	9°31	5°29	14° 6	10°21	10° 7	8°46	n.a.	M17
T 18	15 3 50	16°10'23	5♈44	25°36	5°53	29° 9	11°50	28°16	9°32	5°27	14° 5	10°22	10° 4	8°53	n.a.	T 18
W19	15 7 46	17° 7'29	20°36	27°38	7° 2	29°52	11°59	28°23	9°33	5°26	14° 3	10°22	10° 0	8°59	n.a.	W19
T 20	15 11 43	18° 4'35	5♉40	29°39	8°10	0♈35	12° 9	28°31	9°34	5°24	14° 2	10°R23	9°57	9° 6	n.a.	T 20
F 21	15 15 39	19° 1'42	20°50	1♊38	9°19	1°17	12°19	28°39	9°36	5°23	14° 1	10°22	9°54	9°13	n.a.	F 21
S 22	15 19 36	19°58'48	5♊56	3°35	10°27	2° 0	12°29	28°46	9°37	5°21	13°59	10°22	9°51	9°19	n.a.	S 22
S 23	15 23 33	20°55'54	20°50	5°29	11°36	2°42	12°40	28°54	9°38	5°20	13°58	10°21	9°48	9°26	n.a.	S 23
M24	15 27 29	21°53'01	5♋23	7°22	12°45	3°25	12°50	29° 1	9°40	5°18	13°57	10°20	9°45	9°33	n.a.	M24
T 25	15 31 26	22°50'06	19°31	9°13	13°54	4° 7	13° 0	29° 9	9°41	5°16	13°56	10°18	9°41	9°39	n.a.	T 25
W26	15 35 22	23°47'12	3♌12	11° 2	15° 3	4°50	13°11	29°16	9°43	5°15	13°55	10°17	9°38	9°46	n.a.	W26
T 27	15 39 19	24°44'17	16°27	12°48	16°12	5°32	13°21	29°24	9°44	5°13	13°53	10°16	9°35	9°52	n.a.	T 27
F 28	15 43 15	25°41'22	29°17	14°33	17°21	6°14	13°32	29°31	9°46	5°12	13°52	10°D16	9°32	9°59	n.a.	F 28
S 29	15 47 12	26°38'27	11♍47	16°15	18°30	6°56	13°42	29°38	9°48	5°10	13°51	10°17	9°29	10° 6	n.a.	S 29
S 30	15 51 8	27°35'32	24° 0	17°55	19°39	7°38	13°53	29°46	9°49	5° 8	13°50	10°18	9°26	10°12	n.a.	S 30
M31	15 55 5	28♉32'36	6♎ 1	19♊34	20♈49	8♈20	14♋ 4	29♈53	9♌51	5♐ 7	13♎49	10♉19	9♉22	10♏19	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n38	15n16	4n53	6n48	0s54	6s55	1s47	6s26	1s15	24n22	0n53	8n18	2s 3	18n56	0n46	20s27	1n11	7n51	14n51	15n10	15n21	13s43		n.a.
S 2	11 59	10 3	4 21	7 45	0 43	6 30	1 49	6 8	1 15	24 21	0 53	8 21	2 3	18 56	0 46	20 27	1 11	7 52	14 50	15 10	15 20	13 47		n.a.
M 3	12 19	4 32	3 38	8 42	0 32	6 6	1 51	5 50	1 15	24 20	0 53	8 24	2 3	18 55	0 46	20 26	1 11	7 52	14 50	15 10	15 19	13 50		n.a.
T 4	12 39	1s 5	2 45	9 39	0 22	5 41	1 53	5 33	1 15	24 20	0 53	8 27	2 3	18 55	0 46	20 26	1 11	7 53	14 50	15 9	15 18	13 53		n.a.
W 5	12 59	6 38	1 46	10 36	0 11	5 16	1 54	5 15	1 15	24 19	0 53	8 30	2 3	18 55	0 45	20 26	1 11	7 53	14 50	15 9	15 17	13 56		n.a.
T 6	13 18	11 56	0 42	11 33	0 0	4 51	1 56	4 58	1 15	24 18	0 53	8 33	2 3	18 55	0 45	20 26	1 11	7 53	14 50	15 9	15 16	13 59		n.a.
F 7	13 38	16 48	0s23	12 29	0n10	4 25	1 58	4 40	1 15	24 18	0 53	8 36	2 3	18 55	0 45	20 25	1 11	7 54	14 49	15 9	15 15	14 2		n.a.
S 8	13 57	21 3	1 28	13 24	0 21	4 0	1 59	4 23	1 14	24 17	0 53	8 39	2 3	18 55	0 45	20 25	1 11	7 54	14 49	15 9	15 14	14 5		n.a.
S 9	14 16	24 27	2 29	14 18	0 31	3 34	2 0	4 5	1 14	24 16	0 53	8 42	2 3	18 54	0 45	20 25	1 11	7 54	14 49	15 9	15 13	14 8		n.a.
M10	14 35	26 49	3 24	15 11	0 41	3 8	2 2	3 47	1 14	24 15	0 53	8 44	2 3	18 54	0 45	20 25	1 11	7 55	14 49	15 9	15 12	14 11		n.a.
T 11	14 53	27 58	4 10	16 3	0 50	2 42	2 3	3 30	1 14	24 15	0 52	8 47	2 3	18 54	0 45	20 24	1 11	7 55	14 48	15 9	15 11	14 14		n.a.
W12	15 11	27 44	4 46	16 53	0 59	2 15	2 4	3 12	1 14	24 14	0 52	8 50	2 3	18 54	0 45	20 24	1 11	7 55	14 48	15 9	15 10	14 17		n.a.
T 13	15 29	26 6	5 9	17 40	1 8	1 49	2 5	2 54	1 13	24 13	0 52	8 53	2 3	18 53	0 45	20 24	1 11	7 56	14 48	15 9	15 9	14 20		n.a.
F 14	15 47	23 4	5 18	18 26	1 16	1 22	2 6	2 37	1 13	24 12	0 52	8 56	2 3	18 53	0 45	20 24	1 11	7 56	14 47	15 9	15 8	14 23		n.a.
S 15	16 5	18 47	5 9	19 10	1 24	0 55	2 6	2 19	1 13	24 11	0 52	8 58	2 3	18 53	0 45	20 23	1 11	7 56	14 47	15 9	15 7	14 26		n.a.
S 16	16 22	13 25	4 44	19 51	1 30	0 29	2 7	2 2	1 13	24 10	0 52	9 1	2 3	18 53	0 45	20 23	1 12	7 56	14 47	15 9	15 6	14 29		n.a.
M17	16 39	7 12	4 0	20 30	1 37	0 2	2 7	1 44	1 12	24 10	0 52	9 4	2 3	18 52	0 45	20 23	1 12	7 57	14 46	15 9	15 5	14 32		n.a.
T 18	16 56	0 27	3 1	21 7	1 42	0n25	2 8	1 27	1 12	24 9	0 52	9 7	2 3	18 52	0 45	20 22	1 12	7 57	14 46	15 9	15 4	14 35		n.a.
W19	17 13	6n30	1 48	21 40	1 47	0 53	2 8	1 9	1 12	24 8	0 52	9 9	2 3	18 52	0 45	20 22	1 12	7 57	14 46	15 10	15 3	14 38		n.a.
T 20	17 29	13 13	0 26	22 12	1 51	1 20	2 8	0 51	1 12	24 7	0 52	9 12	2 3	18 51	0 45	20 22	1 12	7 57	14 45	15 10	15 2	14 41		n.a.
F 21	17 45	19 10	0n58	22 41	1 54	1 47	2 8	0 34	1 11	24 6	0 52	9 15	2 3	18 51	0 45	20 22	1 12	7 57	14 45	15 10	15 1	14 44		n.a.
S 22	18 1	23 53	2 17	23 7	1 57	2 14	2 8	0 17	1 11	24 5	0 52	9 18	2 3	18 50	0 45	20 21	1 12	7 57	14 45	15 10	15 0	14 47		n.a.
S 23	18 16	26 55	3 26	23 31	1 59	2 42	2 8	0n 1	1 11	24 4	0 52	9 20	2 3	18 50	0 45	20 21	1 12	7 58	14 44	15 9	14 59	14 50		n.a.
M24	18 31	28 2	4 20	23 52	2 1	3 9	2 8	0 18	1 10	24 3	0 52	9 23	2 3	18 50	0 45	20 21	1 12	7 58	14 44	15 9	14 58	14 53		n.a.
T 25	18 46	27 15	4 56	24 11	2 1	3 36	2 8	0 36	1 10	24 2	0 52	9 26	2 3	18 49	0 45	20 21	1 12	7 58	14 43	15 8	14 57	14 56		n.a.
W26	19 1	24 50	5 14	24 27	2 1	4 4	2 8	0 53	1 10	24 1	0 52	9 28	2 3	18 49	0 45	20 20	1 12	7 58	14 43	15 8	14 56	14 59		n.a.
T 27	19 15	21 9	5 15	24 41	2 1	4 31	2 7	1 10	1 9	24 0	0 52	9 31	2 3	18 48	0 45	20 20	1 12	7 58	14 43	15 8	14 55	15 2		n.a.
F 28	19 29	16 34	5 0	24 53	2 0	4 58	2 7	1 27	1 9	23 59	0 52	9 33	2 3	18 48	0 45	20 20	1 12	7 58	14 42	15 8	14 54	15 5		n.a.
S 29	19 43	11 24	4 30	25 3	1 58	5 25	2 6	1 45	1 9	23 57	0 52	9 36	2 3	18 47	0 45	20 19	1 12	7 58	14 42	15 8	14 52	15 8		n.a.
S 30	19 56	5 55	3 49	25 10	1 55	5 53	2 5	2 2	1 8	23 56	0 52	9 38	2 3	18 47	0 45	20 19	1 11	7 58	14 41	15 8	14 51	15 11		n.a.
M31	20n 9	0n18	2n59	25n16	1n52	6n20	2s 4	2n19	1s 8	23n55	0n52	9n41	2s 3	18n46	0n45	20s19	1n11	7n58	14n41	15n 9	14n50	15s13		n.a.

Julian Day Number = 1365424.5, Delta T = 06h55m17s
Ecliptic obliquity = 23°48'49, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°31'54, Lahiri = -17°24'54 Julian Calendar 1 May 975 BCE == Greg. Calendar 22 Apr. 975 BCE

The year -974 astronomical counting style corresponds to year 975 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 975 BCE
geocentric

JUNE 975 BCE (-974) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 59 2	29♉29'41	17♎53	21♊10	21♈58	9♈ 2	14♋15	0♉ 0	9♌53	5°R 5	13°R48	10♉21	9♉19	10♏26	n.a.	T 1
W 2	16 2 58	0♊26'46	29°42	22°44	23° 8	9°44	14°26	0° 7	9°55	5♐ 4	13♎47	10°22	9°16	10°32	n.a.	W 2
T 3	16 6 55	1°23'51	11♏29	24°16	24°17	10°25	14°37	0°15	9°57	5° 2	13°46	10°R22	9°13	10°39	n.a.	T 3
F 4	16 10 51	2°20'56	23°18	25°45	25°27	11° 7	14°48	0°22	9°58	5° 0	13°45	10°21	9°10	10°46	n.a.	F 4
S 5	16 14 48	3°18'02	5♐12	27°13	26°37	11°48	14°59	0°29	10° 0	4°59	13°44	10°20	9° 6	10°52	n.a.	S 5
S 6	16 18 44	4°15'08	17°12	28°38	27°47	12°30	15°10	0°36	10° 2	4°57	13°43	10°17	9° 3	10°59	n.a.	S 6
M 7	16 22 41	5°12'14	29°21	0♋ 1	28°57	13°11	15°22	0°43	10° 5	4°56	13°42	10°13	9° 0	11° 6	n.a.	M 7
T 8	16 26 38	6° 9'22	11♑39	1°22	0♉ 7	13°52	15°33	0°50	10° 7	4°54	13°42	10° 9	8°57	11°12	n.a.	T 8
W 9	16 30 34	7° 6'29	24° 9	2°41	1°17	14°34	15°44	0°57	10° 9	4°52	13°41	10° 5	8°54	11°19	n.a.	W 9
T 10	16 34 31	8° 3'38	6♒53	3°57	2°27	15°15	15°56	1° 4	10°11	4°51	13°40	10° 2	8°51	11°26	n.a.	T 10
F 11	16 38 27	9° 0'47	19°53	5°11	3°38	15°56	16° 8	1°10	10°13	4°49	13°39	9°59	8°47	11°32	n.a.	F 11
S 12	16 42 24	9°57'57	3♓10	6°23	4°48	16°37	16°19	1°17	10°16	4°47	13°39	9°58	8°44	11°39	n.a.	S 12
S 13	16 46 20	10°55'08	16°46	7°32	5°58	17°18	16°31	1°24	10°18	4°46	13°38	9°D58	8°41	11°45	n.a.	S 13
M14	16 50 17	11°52'20	0♈42	8°38	7° 9	17°59	16°43	1°31	10°20	4°44	13°37	9°59	8°38	11°52	n.a.	M14
T 15	16 54 13	12°49'33	14°59	9°41	8°19	18°39	16°54	1°37	10°23	4°43	13°37	10° 0	8°35	11°59	n.a.	T 15
W16	16 58 10	13°46'47	29°33	10°42	9°30	19°20	17° 6	1°44	10°25	4°41	13°36	10° 1	8°31	12° 5	n.a.	W16
T 17	17 2 7	14°44'02	14♉22	11°40	10°41	20° 1	17°18	1°50	10°28	4°39	13°35	10°R 1	8°28	12°12	n.a.	T 17
F 18	17 6 3	15°41'18	29°20	12°35	11°52	20°41	17°30	1°57	10°30	4°38	13°35	10° 0	8°25	12°19	n.a.	F 18
S 19	17 10 0	16°38'36	14♊18	13°27	13° 3	21°21	17°42	2° 3	10°33	4°36	13°34	9°57	8°22	12°25	n.a.	S 19
S 20	17 13 56	17°35'54	29° 8	14°15	14°14	22° 2	17°54	2°10	10°35	4°35	13°34	9°53	8°19	12°32	n.a.	S 20
M21	17 17 53	18°33'12	13♋43	15° 0	15°25	22°42	18° 6	2°16	10°38	4°33	13°33	9°47	8°16	12°39	n.a.	M21
T 22	17 21 49	19°30'32	27°55	15°42	16°36	23°22	18°19	2°22	10°41	4°32	13°33	9°41	8°12	12°45	n.a.	T 22
W23	17 25 46	20°27'52	11♌42	16°20	17°47	24° 2	18°31	2°28	10°43	4°30	13°33	9°36	8° 9	12°52	n.a.	W23
T 24	17 29 43	21°25'13	25° 1	16°53	18°58	24°42	18°43	2°35	10°46	4°29	13°32	9°31	8° 6	12°59	n.a.	T 24
F 25	17 33 39	22°22'35	7♍54	17°23	20° 9	25°22	18°55	2°41	10°49	4°27	13°32	9°28	8° 3	13° 5	n.a.	F 25
S 26	17 37 36	23°19'57	20°25	17°48	21°21	26° 2	19° 8	2°47	10°52	4°25	13°32	9°D27	8° 0	13°12	n.a.	S 26
S 27	17 41 32	24°17'20	2♎37	18° 9	22°32	26°41	19°20	2°53	10°55	4°24	13°31	9°28	7°57	13°18	n.a.	S 27
M28	17 45 29	25°14'44	14°36	18°26	23°43	27°21	19°32	2°58	10°58	4°22	13°31	9°29	7°53	13°25	n.a.	M28
T 29	17 49 25	26°12'09	26°27	18°37	24°55	28° 0	19°45	3° 4	11° 0	4°21	13°31	9°30	7°50	13°32	n.a.	T 29
W30	17 53 22	27♊ 9'35	8♏14	18♋43	26♉ 7	28♈40	19♋57	3♉10	11♌ 3	4♐20	13♎31	9°R31	7♉47	13♏38	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n21	5s16	2n 1	25n19	1n49	6n47	2s 4	2n36	1s 8	23n54	0n52	9n44	2s 3	18n46	0n44	20s19	1n11	7n58	14n41	15n 9	14n49	15s16		n.a.
W 2	20 34	10 37	0 59	25 21	1 44	7 14	2 3	2 53	1 7	23 53	0 52	9 46	2 3	18 45	0 44	20 18	1 11	7 58	14 40	15 9	14 48	15 19		n.a.
T 3	20 46	15 37	0s 6	25 21	1 40	7 41	2 2	3 10	1 7	23 51	0 52	9 49	2 4	18 45	0 44	20 18	1 11	7 58	14 40	15 10	14 47	15 22		n.a.
F 4	20 57	20 2	1 11	25 19	1 34	8 8	2 0	3 27	1 7	23 50	0 52	9 51	2 4	18 44	0 44	20 18	1 11	7 58	14 39	15 9	14 46	15 25		n.a.
S 5	21 9	23 40	2 13	25 15	1 28	8 34	1 59	3 44	1 6	23 49	0 52	9 53	2 4	18 44	0 44	20 17	1 11	7 58	14 39	15 9	14 45	15 28		n.a.
S 6	21 20	26 19	3 9	25 10	1 22	9 1	1 58	4 0	1 6	23 48	0 52	9 56	2 4	18 43	0 44	20 17	1 11	7 58	14 38	15 8	14 44	15 31		n.a.
M 7	21 30	27 46	3 58	25 4	1 15	9 27	1 57	4 17	1 5	23 46	0 52	9 58	2 4	18 42	0 44	20 17	1 11	7 58	14 38	15 7	14 43	15 34		n.a.
T 8	21 40	27 52	4 36	24 56	1 8	9 54	1 55	4 34	1 5	23 45	0 52	10 1	2 4	18 42	0 44	20 17	1 11	7 58	14 37	15 6	14 42	15 37		n.a.
W 9	21 50	26 33	5 1	24 47	1 0	10 20	1 54	4 50	1 4	23 44	0 52	10 3	2 4	18 41	0 44	20 16	1 11	7 58	14 37	15 4	14 41	15 40		n.a.
T 10	22 0	23 52	5 13	24 37	0 52	10 46	1 52	5 7	1 4	23 42	0 52	10 5	2 4	18 40	0 44	20 16	1 11	7 57	14 37	15 3	14 40	15 43		n.a.
F 11	22 9	19 57	5 9	24 25	0 43	11 11	1 51	5 23	1 4	23 41	0 52	10 8	2 4	18 40	0 44	20 16	1 11	7 57	14 36	15 2	14 39	15 46		n.a.
S 12	22 18	14 58	4 48	24 13	0 34	11 37	1 49	5 40	1 3	23 39	0 52	10 10	2 4	18 39	0 44	20 15	1 11	7 57	14 36	15 2	14 38	15 49		n.a.
S 13	22 26	9 9	4 11	24 0	0 24	12 2	1 47	5 56	1 3	23 38	0 52	10 12	2 4	18 39	0 44	20 15	1 11	7 57	14 35	15 2	14 37	15 52		n.a.
M14	22 34	2 45	3 19	23 46	0 14	12 27	1 45	6 12	1 2	23 36	0 52	10 15	2 4	18 38	0 44	20 15	1 11	7 57	14 35	15 2	14 36	15 55		n.a.
T 15	22 41	3n57	2 13	23 31	0 4	12 52	1 44	6 28	1 2	23 35	0 52	10 17	2 4	18 37	0 44	20 15	1 11	7 57	14 34	15 3	14 35	15 58		n.a.
W16	22 49	10 36	0 57	23 15	0s 7	13 17	1 42	6 44	1 1	23 33	0 52	10 19	2 5	18 36	0 44	20 14	1 11	7 56	14 34	15 3	14 34	16 0		n.a.
T 17	22 55	16 47	0n24	22 59	0 18	13 41	1 40	7 0	1 1	23 32	0 52	10 21	2 5	18 36	0 44	20 14	1 11	7 56	14 33	15 3	14 33	16 3		n.a.
F 18	23 2	22 0	1 43	22 43	0 30	14 5	1 38	7 16	1 0	23 30	0 52	10 23	2 5	18 35	0 44	20 14	1 11	7 56	14 33	15 3	14 32	16 6		n.a.
S 19	23 8	25 47	2 56	22 26	0 41	14 29	1 35	7 32	1 0	23 29	0 52	10 25	2 5	18 34	0 44	20 13	1 11	7 56	14 32	15 2	14 31	16 9		n.a.
S 20	23 13	27 44	3 56	22 9	0 54	14 52	1 33	7 48	0 59	23 27	0 52	10 28	2 5	18 33	0 44	20 13	1 11	7 55	14 32	15 0	14 30	16 12		n.a.
M21	23 19	27 43	4 39	21 52	1 6	15 16	1 31	8 3	0 59	23 25	0 52	10 30	2 5	18 33	0 44	20 13	1 11	7 55	14 31	14 58	14 29	16 15		n.a.
T 22	23 23	25 51	5 4	21 35	1 18	15 38	1 29	8 19	0 58	23 24	0 52	10 32	2 5	18 32	0 44	20 13	1 11	7 55	14 31	14 56	14 28	16 18		n.a.
W23	23 28	22 30	5 10	21 17	1 31	16 1	1 27	8 34	0 58	23 22	0 52	10 34	2 5	18 31	0 44	20 12	1 11	7 54	14 30	14 55	14 27	16 21		n.a.
T 24	23 32	18 4	4 59	21 0	1 44	16 23	1 24	8 50	0 57	23 20	0 52	10 36	2 5	18 30	0 44	20 12	1 11	7 54	14 29	14 53	14 26	16 24		n.a.
F 25	23 35	12 57	4 33	20 44	1 57	16 45	1 22	9 5	0 57	23 19	0 52	10 38	2 5	18 30	0 44	20 12	1 11	7 54	14 29	14 52	14 25	16 26		n.a.
S 26	23 39	7 26	3 55	20 27	2 10	17 6	1 19	9 20	0 56	23 17	0 52	10 40	2 6	18 29	0 44	20 12	1 11	7 53	14 28	14 52	14 24	16 29		n.a.
S 27	23 41	1 47	3 6	20 12	2 23	17 27	1 17	9 35	0 56	23 15	0 52	10 42	2 6	18 28	0 44	20 11	1 11	7 53	14 28	14 52	14 22	16 32		n.a.
M28	23 44	3s50	2 11	19 56	2 37	17 48	1 15	9 50	0 55	23 13	0 52	10 44	2 6	18 27	0 44	20 11	1 11	7 52	14 27	14 53	14 21	16 35		n.a.
T 29	23 45	9 16	1 10	19 42	2 49	18 8	1 12	10 5	0 54	23 12	0 52	10 45	2 6	18 26	0 44	20 11	1 11	7 52	14 27	14 53	14 20	16 38		n.a.
W30	23n47	14s22	0n 7	19n28	3s 2	18n27	1s 9	10n20	0s54	23n10	0n52	10n47	2s 6	18n25	0n44	20s11	1n11	7n52	14n26	14n53	14n19	16s41		n.a.

Julian Day Number = 1365455.5, Delta T = 06h55m15s
Ecliptic obliquity = 23°48'48, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°31'50, Lahiri = -17°24'50 Julian Calendar 1 June 975 BCE == Greg. Calendar 23 May 975 BCE

The year -974 astronomical counting style corresponds to year 975 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 975 BCE
geocentric

JULY 975 BCE (-974) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 57 18	28♊ 7'02	20♏ 3	18°R44	27♉18	29♈19	20♋10	3♉16	11♌ 6	4°R18	13°R31	9°R30	7♉44	13♏45	n.a.	T 1
F 2	18 1 15	29° 4'30	1♐56	18♋40	28°30	29°58	20°22	3°21	11° 9	4♐17	13♎31	9♉28	7°41	13°52	n.a.	F 2
S 3	18 5 12	0♋ 1'59	13°57	18°31	29°42	0♉37	20°35	3°27	11°13	4°15	13°31	9°23	7°37	13°58	n.a.	S 3
S 4	18 9 8	0°59'30	26° 8	18°16	0♊54	1°16	20°48	3°32	11°16	4°14	13°D31	9°16	7°34	14° 5	n.a.	S 4
M 5	18 13 5	1°57'01	8♑31	17°56	2° 5	1°55	21° 0	3°38	11°19	4°12	13°31	9° 8	7°31	14°12	n.a.	M 5
T 6	18 17 1	2°54'35	21° 6	17°30	3°17	2°34	21°13	3°43	11°22	4°11	13°31	8°58	7°28	14°18	n.a.	T 6
W 7	18 20 58	3°52'09	3♒54	16°59	4°29	3°13	21°26	3°48	11°25	4°10	13°31	8°49	7°25	14°25	n.a.	W 7
T 8	18 24 54	4°49'45	16°54	16°24	5°42	3°51	21°38	3°53	11°28	4° 8	13°31	8°40	7°22	14°32	n.a.	T 8
F 9	18 28 51	5°47'23	0♓ 7	15°44	6°54	4°30	21°51	3°58	11°32	4° 7	13°31	8°33	7°18	14°38	n.a.	F 9
S 10	18 32 47	6°45'02	13°32	15° 0	8° 6	5° 8	22° 4	4° 3	11°35	4° 6	13°31	8°29	7°15	14°45	n.a.	S 10
S 11	18 36 44	7°42'43	27°10	14°13	9°18	5°46	22°17	4° 8	11°38	4° 4	13°31	8°26	7°12	14°52	n.a.	S 11
M12	18 40 41	8°40'25	11♈ 1	13°24	10°31	6°25	22°30	4°13	11°41	4° 3	13°32	8°D26	7° 9	14°58	n.a.	M12
T 13	18 44 37	9°38'10	25° 5	12°33	11°43	7° 3	22°43	4°18	11°45	4° 2	13°32	8°26	7° 6	15° 5	n.a.	T 13
W14	18 48 34	10°35'56	9♉23	11°41	12°56	7°41	22°55	4°23	11°48	4° 1	13°32	8°R27	7° 3	15°11	n.a.	W14
T 15	18 52 30	11°33'45	23°51	10°49	14° 8	8°18	23° 8	4°27	11°52	3°59	13°33	8°26	6°59	15°18	n.a.	T 15
F 16	18 56 27	12°31'35	8♊27	9°59	15°21	8°56	23°21	4°32	11°55	3°58	13°33	8°23	6°56	15°25	n.a.	F 16
S 17	19 0 23	13°29'27	23° 5	9°11	16°33	9°34	23°34	4°36	11°58	3°57	13°33	8°17	6°53	15°31	n.a.	S 17
S 18	19 4 20	14°27'21	7♋39	8°26	17°46	10°11	23°47	4°41	12° 2	3°56	13°34	8° 9	6°50	15°38	n.a.	S 18
M19	19 8 16	15°25'17	22° 1	7°46	18°59	10°49	24° 0	4°45	12° 5	3°55	13°34	7°59	6°47	15°45	n.a.	M19
T 20	19 12 13	16°23'14	6♌ 6	7°11	20°12	11°26	24°13	4°49	12° 9	3°54	13°35	7°48	6°44	15°51	n.a.	T 20
W21	19 16 10	17°21'13	19°49	6°42	21°25	12° 3	24°26	4°53	12°12	3°53	13°35	7°38	6°40	15°58	n.a.	W21
T 22	19 20 6	18°19'13	3♍ 8	6°20	22°38	12°40	24°39	4°57	12°16	3°52	13°36	7°29	6°37	16° 5	n.a.	T 22
F 23	19 24 3	19°17'14	16° 1	6° 5	23°51	13°17	24°52	5° 1	12°19	3°51	13°37	7°22	6°34	16°11	n.a.	F 23
S 24	19 27 59	20°15'18	28°33	5°D58	25° 4	13°54	25° 5	5° 5	12°23	3°50	13°37	7°18	6°31	16°18	n.a.	S 24
S 25	19 31 56	21°13'23	10♎46	5°59	26°17	14°31	25°18	5° 9	12°27	3°49	13°38	7°16	6°28	16°25	n.a.	S 25
M26	19 35 52	22°11'29	22°45	6° 9	27°30	15° 7	25°31	5°12	12°30	3°48	13°39	7°D16	6°24	16°31	n.a.	M26
T 27	19 39 49	23° 9'37	4♏36	6°26	28°43	15°44	25°44	5°16	12°34	3°47	13°39	7°R16	6°21	16°38	n.a.	T 27
W28	19 43 45	24° 7'46	16°24	6°52	29°56	16°20	25°58	5°19	12°38	3°46	13°40	7°16	6°18	16°45	n.a.	W28
T 29	19 47 42	25° 5'58	28°14	7°27	1♋10	16°56	26°11	5°23	12°41	3°45	13°41	7°14	6°15	16°51	n.a.	T 29
F 30	19 51 39	26° 4'11	10♐12	8° 9	2°23	17°32	26°24	5°26	12°45	3°44	13°42	7°10	6°12	16°58	n.a.	F 30
S 31	19 55 35	27♋ 2'25	22♐20	9♋ 0	3♋37	18♉ 8	26♋37	5♉29	12♌49	3♐43	13♎43	7♉ 3	6♉ 9	17♏ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n48	18s56	0s57	19n16	3s15	18n47	1s 7	10n34	0s53	23n 8	0n52	10n49	2s 6	18n25	0n44	20s10	1n11	7n51	14n26	14n53	14n18	16s44		n.a.	T 1
F 2	23 49	22 48	1 58	19 5	3 27	19 6	1 4	10 49	0 53	23 6	0 52	10 51	2 6	18 24	0 44	20 10	1 11	7 51	14 25	14 52	14 17	16 47		n.a.	F 2
S 3	23 49	25 43	2 55	18 54	3 38	19 24	1 2	11 3	0 52	23 4	0 52	10 53	2 6	18 23	0 44	20 10	1 11	7 50	14 25	14 51	14 16	16 49		n.a.	S 3
S 4	23 49	27 29	3 44	18 46	3 49	19 42	0 59	11 18	0 52	23 2	0 52	10 54	2 7	18 22	0 44	20 10	1 11	7 50	14 24	14 48	14 15	16 52		n.a.	S 4
M 5	23 48	27 55	4 23	18 38	3 59	19 59	0 56	11 32	0 51	23 0	0 52	10 56	2 7	18 21	0 44	20 9	1 11	7 49	14 24	14 46	14 14	16 55		n.a.	M 5
T 6	23 47	26 55	4 51	18 32	4 9	20 16	0 54	11 46	0 50	22 58	0 52	10 58	2 7	18 20	0 43	20 9	1 11	7 49	14 23	14 43	14 13	16 58		n.a.	T 6
W 7	23 45	24 30	5 4	18 28	4 17	20 32	0 51	12 0	0 50	22 56	0 52	11 0	2 7	18 19	0 43	20 9	1 11	7 48	14 22	14 40	14 12	17 1		n.a.	W 7
T 8	23 43	20 48	5 2	18 26	4 24	20 48	0 48	12 14	0 49	22 54	0 52	11 1	2 7	18 18	0 43	20 9	1 11	7 48	14 22	14 37	14 11	17 4		n.a.	T 8
F 9	23 41	16 2	4 44	18 25	4 29	21 3	0 45	12 28	0 48	22 52	0 52	11 3	2 7	18 17	0 43	20 9	1 11	7 47	14 21	14 35	14 10	17 7		n.a.	F 9
S 10	23 38	10 25	4 10	18 26	4 33	21 18	0 43	12 41	0 48	22 50	0 52	11 4	2 7	18 16	0 43	20 8	1 11	7 46	14 21	14 33	14 9	17 9		n.a.	S 10
S 11	23 35	4 14	3 22	18 29	4 35	21 32	0 40	12 55	0 47	22 48	0 52	11 6	2 8	18 15	0 43	20 8	1 11	7 46	14 20	14 32	14 8	17 12		n.a.	S 11
M12	23 31	2n16	2 21	18 33	4 36	21 46	0 37	13 8	0 46	22 46	0 52	11 7	2 8	18 15	0 43	20 8	1 11	7 45	14 20	14 32	14 7	17 15		n.a.	M12
T 13	23 27	8 46	1 11	18 39	4 34	21 59	0 34	13 21	0 46	22 44	0 53	11 9	2 8	18 14	0 43	20 8	1 11	7 45	14 19	14 32	14 6	17 18		n.a.	T 13
W14	23 23	14 55	0n 5	18 47	4 31	22 11	0 31	13 35	0 45	22 42	0 53	11 10	2 8	18 13	0 43	20 8	1 11	7 44	14 19	14 32	14 5	17 21		n.a.	W14
T 15	23 18	20 20	1 21	18 57	4 26	22 23	0 28	13 48	0 44	22 40	0 53	11 12	2 8	18 12	0 43	20 7	1 11	7 43	14 18	14 32	14 4	17 23		n.a.	T 15
F 16	23 13	24 34	2 33	19 7	4 19	22 34	0 26	14 1	0 44	22 37	0 53	11 13	2 8	18 11	0 43	20 7	1 10	7 43	14 17	14 31	14 3	17 26		n.a.	F 16
S 17	23 7	27 12	3 34	19 20	4 10	22 45	0 23	14 13	0 43	22 35	0 53	11 14	2 9	18 10	0 43	20 7	1 10	7 42	14 17	14 29	14 1	17 29		n.a.	S 17
S 18	23 1	27 56	4 21	19 33	4 0	22 55	0 20	14 26	0 42	22 33	0 53	11 16	2 9	18 9	0 43	20 7	1 10	7 41	14 16	14 27	14 0	17 32		n.a.	S 18
M19	22 54	26 46	4 51	19 47	3 48	23 4	0 17	14 39	0 42	22 31	0 53	11 17	2 9	18 8	0 43	20 7	1 10	7 41	14 16	14 23	13 59	17 35		n.a.	M19
T 20	22 47	23 55	5 2	20 3	3 35	23 12	0 14	14 51	0 41	22 28	0 53	11 18	2 9	18 7	0 43	20 6	1 10	7 40	14 15	14 20	13 58	17 37		n.a.	T 20
W21	22 40	19 46	4 56	20 19	3 20	23 20	0 12	15 3	0 40	22 26	0 53	11 20	2 9	18 6	0 43	20 6	1 10	7 39	14 15	14 16	13 57	17 40		n.a.	W21
T 22	22 32	14 45	4 33	20 36	3 4	23 28	0 9	15 16	0 39	22 24	0 53	11 21	2 9	18 5	0 43	20 6	1 10	7 38	14 14	14 13	13 56	17 43		n.a.	T 22
F 23	22 24	9 14	3 57	20 53	2 48	23 34	0 6	15 28	0 39	22 21	0 53	11 22	2 10	18 4	0 43	20 6	1 10	7 38	14 14	14 11	13 55	17 46		n.a.	F 23
S 24	22 16	3 29	3 10	21 10	2 31	23 40	0 3	15 39	0 38	22 19	0 53	11 23	2 10	18 3	0 43	20 6	1 10	7 37	14 13	14 10	13 54	17 49		n.a.	S 24
S 25	22 7	2s15	2 16	21 27	2 13	23 45	0 0	15 51	0 37	22 17	0 53	11 24	2 10	18 1	0 43	20 6	1 10	7 36	14 13	14 9	13 53	17 51		n.a.	S 25
M26	21 57	7 48	1 16	21 44	1 56	23 50	0n 2	16 3	0 36	22 14	0 53	11 25	2 10	18 0	0 43	20 6	1 10	7 35	14 12	14 9	13 52	17 54		n.a.	M26
T 27	21 47	13 2	0 14	22 1	1 38	23 53	0 5	16 14	0 35	22 12	0 53	11 26	2 10	17 59	0 43	20 5	1 10	7 35	14 11	14 9	13 51	17 57		n.a.	T 27
W28	21 37	17 46	0s48	22 17	1 21	23 57	0 8	16 26	0 35	22 10	0 53	11 27	2 10	17 58	0 43	20 5	1 10	7 34	14 11	14 9	13 50	18 0		n.a.	W28
T 29	21 27	21 51	1 49	22 33	1 3	23 59	0 10	16 37	0 34	22 7	0 53	11 28	2 11	17 57	0 43	20 5	1 10	7 33	14 10	14 8	13 49	18 2		n.a.	T 29
F 30	21 16	25 3	2 45	22 47	0 47	24 1	0 13	16 48	0 33	22 5	0 54	11 29	2 11	17 56	0 43	20 5	1 10	7 32	14 10	14 7	13 48	18 5		n.a.	F 30
S 31	21n 5	27s 9	3s35	23n 0	0s30	24n 1	0n16	16n59	0s32	22n 2	0n54	11n30	2s11	17n55	0n43	20s 5	1n10	7n31	14n 9	14n 5	13n47	18s 8		n.a.	S 31

Julian Day Number = 1365485.5, Delta T = 06h55m14s
Ecliptic obliquity = 23°48'48, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°31'46, Lahiri = -17°24'46 Julian Calendar 1 July 975 BCE == Greg. Calendar 22 June 975 BCE

The year -974 astronomical counting style corresponds to year 975 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 975 BCE
geocentric

AUGUST 975 BCE (-974) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 59 32	28♋ 0'42	4♉43	9♋58	4♋50	18♉44	26♋50	5♉32	12♎52	3°R43	13♎44	6°R54	6♉ 5	17♏11	n.a.	S 1
M 2	20 3 28	28°59'00	17°20	11° 2	6° 4	19°19	27° 3	5°35	12°56	3♐42	13°45	6♉43	6° 2	17°18	n.a.	M 2
T 3	20 7 25	29°57'20	0♒14	12°14	7°17	19°55	27°16	5°38	13° 0	3°41	13°46	6°30	5°59	17°24	n.a.	T 3
W 4	20 11 21	0♌55'42	13°23	13°32	8°31	20°30	27°29	5°41	13° 3	3°40	13°47	6°17	5°56	17°31	n.a.	W 4
T 5	20 15 18	1°54'06	26°46	14°55	9°45	21° 5	27°42	5°43	13° 7	3°40	13°48	6° 6	5°53	17°38	n.a.	T 5
F 6	20 19 14	2°52'33	10♓20	16°23	10°58	21°41	27°55	5°46	13°11	3°39	13°49	5°56	5°49	17°44	n.a.	F 6
S 7	20 23 11	3°51'01	24° 3	17°56	12°12	22°15	28° 8	5°48	13°15	3°38	13°50	5°49	5°46	17°51	n.a.	S 7
S 8	20 27 8	4°49'32	7♈54	19°33	13°26	22°50	28°21	5°51	13°18	3°38	13°51	5°45	5°43	17°58	n.a.	S 8
M 9	20 31 4	5°48'04	21°51	21°13	14°40	23°25	28°34	5°53	13°22	3°37	13°52	5°44	5°40	18° 4	n.a.	M 9
T 10	20 35 1	6°46'40	5♉53	22°56	15°54	23°59	28°47	5°55	13°26	3°37	13°53	5°43	5°37	18°11	n.a.	T 10
W11	20 38 57	7°45'18	20° 0	24°41	17° 8	24°34	29° 0	5°57	13°30	3°36	13°55	5°43	5°34	18°18	n.a.	W11
T 12	20 42 54	8°43'58	4♊11	26°29	18°22	25° 8	29°13	5°59	13°34	3°36	13°56	5°42	5°30	18°24	n.a.	T 12
F 13	20 46 50	9°42'40	18°25	28°17	19°36	25°42	29°26	6° 1	13°37	3°35	13°57	5°38	5°27	18°31	n.a.	F 13
S 14	20 50 47	10°41'25	2♋38	0♌ 7	20°50	26°16	29°39	6° 3	13°41	3°35	13°59	5°31	5°24	18°38	n.a.	S 14
S 15	20 54 43	11°40'13	16°46	1°58	22° 4	26°50	29°52	6° 4	13°45	3°35	14° 0	5°22	5°21	18°44	n.a.	S 15
M16	20 58 40	12°39'02	0♌46	3°49	23°19	27°23	0♌ 5	6° 6	13°49	3°34	14° 1	5°11	5°18	18°51	n.a.	M16
T 17	21 2 37	13°37'54	14°32	5°41	24°33	27°57	0°18	6° 7	13°53	3°34	14° 3	4°58	5°15	18°58	n.a.	T 17
W18	21 6 33	14°36'48	28° 1	7°32	25°47	28°30	0°31	6° 8	13°56	3°34	14° 4	4°46	5°11	19° 4	n.a.	W18
T 19	21 10 30	15°35'43	11♍10	9°23	27° 2	29° 3	0°44	6°10	14° 0	3°34	14° 6	4°35	5° 8	19°11	n.a.	T 19
F 20	21 14 26	16°34'41	23°58	11°14	28°16	29°36	0°57	6°11	14° 4	3°33	14° 7	4°27	5° 5	19°18	n.a.	F 20
S 21	21 18 23	17°33'41	6♎27	13° 5	29°30	0♊ 8	1° 9	6°12	14° 8	3°33	14° 9	4°22	5° 2	19°24	n.a.	S 21
S 22	21 22 19	18°32'43	18°39	14°55	0♌45	0°41	1°22	6°12	14°12	3°33	14°10	4°19	4°59	19°31	n.a.	S 22
M23	21 26 16	19°31'46	0♏38	16°44	1°59	1°13	1°35	6°13	14°15	3°33	14°12	4°D18	4°55	19°37	n.a.	M23
T 24	21 30 12	20°30'52	12°28	18°33	3°14	1°45	1°48	6°14	14°19	3°33	14°13	4°18	4°52	19°44	n.a.	T 24
W25	21 34 9	21°29'59	24°17	20°20	4°29	2°17	2° 0	6°14	14°23	3°33	14°15	4°R18	4°49	19°51	n.a.	W25
T 26	21 38 5	22°29'09	6♐ 8	22° 8	5°43	2°49	2°13	6°15	14°27	3°D33	14°17	4°17	4°46	19°57	n.a.	T 26
F 27	21 42 2	23°28'20	18° 7	23°54	6°58	3°20	2°26	6°15	14°30	3°33	14°18	4°14	4°43	20° 4	n.a.	F 27
S 28	21 45 59	24°27'33	0♑19	25°39	8°13	3°52	2°38	6°15	14°34	3°33	14°20	4° 9	4°40	20°11	n.a.	S 28
S 29	21 49 55	25°26'49	12°48	27°24	9°27	4°23	2°51	6°R15	14°38	3°33	14°22	4° 1	4°36	20°17	n.a.	S 29
M30	21 53 52	26°26'06	25°37	29° 8	10°42	4°54	3° 3	6°15	14°42	3°33	14°24	3°51	4°33	20°24	n.a.	M30
T 31	21 57 48	27♌25'25	8♒46	0♍51	11♌57	5♊25	3♌16	6♉15	14♌46	3♐33	14♎25	3♉40	4♉30	20♏31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	20n53	27s58	4s15	23n11	0s15	24n 2	0n18	17n10	0s31	22n 0	0n54	11n31	2s11	17n54	0n43	20s 5	1n10	7n31	14n 9	14n 2	13n46	18s11			n.a.
M 2	20 41	27 21	4 44	23 21	0n 0	24 1	0 21	17 20	0 31	21 57	0 54	11 32	2 11	17 53	0 43	20 5	1 10	7 30	14 8	13 58	13 44	18 14			n.a.
T 3	20 29	25 16	4 58	23 29	0 14	24 0	0 23	17 31	0 30	21 55	0 54	11 32	2 12	17 52	0 43	20 5	1 10	7 29	14 8	13 54	13 43	18 16			n.a.
W 4	20 16	21 48	4 58	23 34	0 27	23 58	0 26	17 41	0 29	21 52	0 54	11 33	2 12	17 51	0 43	20 5	1 10	7 28	14 7	13 49	13 42	18 19			n.a.
T 5	20 3	17 11	4 41	23 37	0 39	23 55	0 28	17 52	0 28	21 50	0 54	11 34	2 12	17 50	0 43	20 4	1 10	7 27	14 7	13 46	13 41	18 22			n.a.
F 6	19 49	11 38	4 8	23 38	0 51	23 52	0 31	18 2	0 27	21 47	0 54	11 35	2 12	17 49	0 43	20 4	1 10	7 26	14 6	13 42	13 40	18 24			n.a.
S 7	19 36	5 28	3 21	23 36	1 1	23 48	0 33	18 12	0 26	21 44	0 54	11 35	2 12	17 48	0 43	20 4	1 10	7 25	14 6	13 40	13 39	18 27			n.a.
S 8	19 21	1n 1	2 21	23 31	1 10	23 43	0 36	18 22	0 25	21 42	0 54	11 36	2 12	17 46	0 43	20 4	1 10	7 24	14 5	13 39	13 38	18 30			n.a.
M 9	19 7	7 31	1 13	23 24	1 18	23 37	0 38	18 31	0 24	21 39	0 54	11 36	2 13	17 45	0 43	20 4	1 9	7 23	14 5	13 38	13 37	18 33			n.a.
T 10	18 52	13 42	0n 1	23 14	1 25	23 31	0 40	18 41	0 24	21 37	0 54	11 37	2 13	17 44	0 43	20 4	1 9	7 23	14 4	13 38	13 36	18 35			n.a.
W11	18 37	19 13	1 15	23 1	1 32	23 24	0 43	18 50	0 23	21 34	0 54	11 37	2 13	17 43	0 43	20 4	1 9	7 22	14 4	13 38	13 35	18 38			n.a.
T 12	18 22	23 41	2 24	22 46	1 37	23 16	0 45	19 0	0 22	21 31	0 55	11 38	2 13	17 42	0 43	20 4	1 9	7 21	14 3	13 38	13 34	18 41			n.a.
F 13	18 6	26 42	3 25	22 28	1 41	23 8	0 47	19 9	0 21	21 29	0 55	11 38	2 13	17 41	0 43	20 4	1 9	7 20	14 3	13 36	13 33	18 43			n.a.
S 14	17 50	28 0	4 13	22 8	1 45	22 59	0 49	19 18	0 20	21 26	0 55	11 39	2 14	17 40	0 43	20 4	1 9	7 19	14 2	13 34	13 32	18 46			n.a.
S 15	17 33	27 27	4 45	21 46	1 47	22 49	0 51	19 27	0 19	21 23	0 55	11 39	2 14	17 39	0 43	20 4	1 9	7 18	14 2	13 31	13 31	18 49			n.a.
M16	17 17	25 10	5 0	21 22	1 49	22 38	0 53	19 36	0 18	21 21	0 55	11 39	2 14	17 38	0 43	20 4	1 9	7 17	14 1	13 27	13 29	18 52			n.a.
T 17	17 0	21 26	4 56	20 55	1 50	22 27	0 55	19 44	0 17	21 18	0 55	11 40	2 14	17 36	0 43	20 4	1 9	7 16	14 1	13 23	13 28	18 54			n.a.
W18	16 42	16 39	4 37	20 27	1 50	22 15	0 57	19 53	0 16	21 15	0 55	11 40	2 14	17 35	0 43	20 4	1 9	7 15	14 0	13 19	13 27	18 57			n.a.
T 19	16 25	11 13	4 2	19 57	1 50	22 3	0 59	20 1	0 15	21 12	0 55	11 40	2 15	17 34	0 43	20 4	1 9	7 14	14 0	13 15	13 26	19 0			n.a.
F 20	16 7	5 26	3 16	19 25	1 49	21 49	1 1	20 9	0 14	21 10	0 55	11 40	2 15	17 33	0 43	20 4	1 9	7 13	13 59	13 12	13 25	19 2			n.a.
S 21	15 49	0s26	2 22	18 52	1 48	21 35	1 3	20 17	0 13	21 7	0 55	11 40	2 15	17 32	0 43	20 4	1 9	7 12	13 59	13 10	13 24	19 5			n.a.
S 22	15 30	6 9	1 22	18 18	1 46	21 21	1 4	20 25	0 12	21 4	0 56	11 40	2 15	17 31	0 43	20 4	1 9	7 11	13 58	13 9	13 23	19 8			n.a.
M23	15 12	11 34	0 19	17 42	1 43	21 6	1 6	20 33	0 11	21 1	0 56	11 41	2 15	17 30	0 43	20 4	1 9	7 10	13 58	13 9	13 22	19 10			n.a.
T 24	14 53	16 31	0s43	17 6	1 41	20 50	1 7	20 41	0 10	20 59	0 56	11 41	2 16	17 29	0 43	20 4	1 9	7 9	13 58	13 9	13 21	19 13			n.a.
W25	14 33	20 49	1 44	16 28	1 37	20 33	1 9	20 48	0 9	20 56	0 56	11 41	2 16	17 28	0 43	20 4	1 9	7 8	13 57	13 9	13 20	19 16			n.a.
T 26	14 14	24 18	2 41	15 49	1 33	20 16	1 10	20 55	0 8	20 53	0 56	11 40	2 16	17 26	0 43	20 4	1 9	7 7	13 57	13 9	13 19	19 18			n.a.
F 27	13 54	26 46	3 31	15 10	1 29	19 59	1 12	21 3	0 7	20 50	0 56	11 40	2 16	17 25	0 43	20 4	1 9	7 6	13 56	13 8	13 18	19 21			n.a.
S 28	13 34	28 1	4 12	14 30	1 25	19 40	1 13	21 10	0 5	20 47	0 56	11 40	2 16	17 24	0 43	20 4	1 9	7 5	13 56	13 6	13 16	19 24			n.a.
S 29	13 14	27 52	4 43	13 49	1 20	19 22	1 15	21 17	0 4	20 45	0 56	11 40	2 17	17 23	0 43	20 4	1 9	7 4	13 55	13 3	13 15	19 26			n.a.
M30	12 54	26 15	5 0	13 8	1 15	19 2	1 16	21 24	0 3	20 42	0 57	11 40	2 17	17 22	0 43	20 4	1 8	7 3	13 55	13 0	13 14	19 29			n.a.
T 31	12n33	23s11	5s 2	12n26	1n10	18n42	1n17	21n30	0s 2	20n39	0n57	11n40	2s17	17n21	0n43	20s 4	1n 8	7n 1	13n55	12n56	13n13	19s32			n.a.

Julian Day Number = 1365516.5, Delta T = 06h55m12s
Ecliptic obliquity = 23°48'48, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°31'42, Lahiri = -17°24'41 Julian Calendar 1 Aug. 975 BCE == Greg. Calendar 23 July 975 BCE

The year -974 astronomical counting style corresponds to year 975 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 975 BCE
geocentric

SEPTEMBER 975 BCE (-974) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 1 45	28♌24'46	22♒15	2♍33	13♌12	5♊55	3♌28	6°R15	14♌49	3♐33	14♎27	3°R29	4♉27	20♏37	n.a.	W 1
T 2	22 5 41	29°24'10	6♓ 1	4°15	14°27	6°25	3°41	6♉14	14°53	3°34	14°29	3♉19	4°24	20°44	n.a.	T 2
F 3	22 9 38	0♍23'35	20° 1	5°56	15°42	6°55	3°53	6°14	14°57	3°34	14°31	3°10	4°21	20°51	n.a.	F 3
S 4	22 13 34	1°23'03	4♈10	7°36	16°57	7°25	4° 5	6°13	15° 0	3°34	14°33	3° 5	4°17	20°57	n.a.	S 4
S 5	22 17 31	2°22'33	18°23	9°15	18°12	7°55	4°18	6°12	15° 4	3°35	14°35	3° 1	4°14	21° 4	n.a.	S 5
M 6	22 21 27	3°22'06	2♉38	10°53	19°27	8°24	4°30	6°11	15° 8	3°35	14°37	3°D 1	4°11	21°11	n.a.	M 6
T 7	22 25 24	4°21'41	16°51	12°31	20°42	8°53	4°42	6°10	15°11	3°35	14°39	3° 1	4° 8	21°17	n.a.	T 7
W 8	22 29 21	5°21'19	1♊ 0	14° 8	21°57	9°22	4°54	6° 9	15°15	3°36	14°40	3°R 2	4° 5	21°24	n.a.	W 8
T 9	22 33 17	6°20'59	15° 4	15°44	23°12	9°51	5° 6	6° 8	15°19	3°36	14°42	3° 1	4° 1	21°31	n.a.	T 9
F 10	22 37 14	7°20'41	29° 3	17°20	24°27	10°19	5°18	6° 7	15°22	3°37	14°44	2°59	3°58	21°37	n.a.	F 10
S 11	22 41 10	8°20'26	12♋55	18°55	25°42	10°48	5°30	6° 6	15°26	3°37	14°46	2°55	3°55	21°44	n.a.	S 11
S 12	22 45 7	9°20'13	26°38	20°29	26°57	11°15	5°42	6° 4	15°29	3°38	14°49	2°48	3°52	21°51	n.a.	S 12
M13	22 49 3	10°20'03	10♌11	22° 3	28°13	11°43	5°54	6° 2	15°33	3°38	14°51	2°40	3°49	21°57	n.a.	M13
T 14	22 53 0	11°19'55	23°32	23°36	29°28	12°10	6° 6	6° 1	15°36	3°39	14°53	2°31	3°46	22° 4	n.a.	T 14
W15	22 56 56	12°19'49	6♍39	25° 9	0♍43	12°37	6°18	5°59	15°40	3°40	14°55	2°21	3°42	22°10	n.a.	W15
T 16	23 0 53	13°19'45	19°31	26°41	1°58	13° 4	6°29	5°57	15°43	3°40	14°57	2°13	3°39	22°17	n.a.	T 16
F 17	23 4 50	14°19'43	2♎ 7	28°12	3°14	13°31	6°41	5°55	15°47	3°41	14°59	2° 7	3°36	22°24	n.a.	F 17
S 18	23 8 46	15°19'43	14°27	29°43	4°29	13°57	6°52	5°53	15°50	3°42	15° 1	2° 3	3°33	22°30	n.a.	S 18
S 19	23 12 43	16°19'44	26°34	1♎13	5°44	14°23	7° 4	5°50	15°54	3°43	15° 3	2°D 2	3°30	22°37	n.a.	S 19
M20	23 16 39	17°19'48	8♏31	2°43	7° 0	14°48	7°15	5°48	15°57	3°43	15° 6	2° 2	3°27	22°44	n.a.	M20
T 21	23 20 36	18°19'54	20°21	4°12	8°15	15°14	7°27	5°46	16° 1	3°44	15° 8	2° 3	3°23	22°50	n.a.	T 21
W22	23 24 32	19°20'01	2♐ 8	5°40	9°31	15°38	7°38	5°43	16° 4	3°45	15°10	2° 4	3°20	22°57	n.a.	W22
T 23	23 28 29	20°20'10	13°59	7° 8	10°46	16° 3	7°49	5°40	16° 7	3°46	15°12	2° 6	3°17	23° 4	n.a.	T 23
F 24	23 32 25	21°20'21	25°57	8°35	12° 1	16°27	8° 0	5°38	16°11	3°47	15°14	2°R 6	3°14	23°10	n.a.	F 24
S 25	23 36 22	22°20'34	8♑ 8	10° 2	13°17	16°51	8°11	5°35	16°14	3°48	15°17	2° 4	3°11	23°17	n.a.	S 25
S 26	23 40 18	23°20'48	20°37	11°28	14°32	17°15	8°22	5°32	16°17	3°49	15°19	2° 1	3° 7	23°24	n.a.	S 26
M27	23 44 15	24°21'04	3♒28	12°53	15°48	17°38	8°33	5°29	16°20	3°50	15°21	1°56	3° 4	23°30	n.a.	M27
T 28	23 48 12	25°21'21	16°42	14°17	17° 3	18° 1	8°44	5°26	16°23	3°51	15°23	1°51	3° 1	23°37	n.a.	T 28
W29	23 52 8	26°21'41	0♓22	15°41	18°19	18°23	8°55	5°22	16°27	3°52	15°26	1°45	2°58	23°44	n.a.	W29
T 30	23 56 5	27♍22'01	14♓24	17♎ 4	19♍34	18♊45	9♌ 5	5♉19	16♌30	3♐53	15♎28	1♉39	2♉55	23♏50	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n13	18s49	4s47	11n44	1n 5	18n22	1n18	21n37	0s 1	20n36	0n57	11n39	2s17	17n20	0n43	20s 5	1n 8	7n 0	13n54	12n52	13n12	19s34		n.a.
T 2	11 52	13 24	4 16	11 1	0 59	18 1	1 19	21 43	0n 0	20 33	0 57	11 39	2 17	17 19	0 43	20 5	1 8	6 59	13 54	12 49	13 11	19 37		n.a.
F 3	11 30	7 12	3 28	10 18	0 53	17 39	1 20	21 50	0 1	20 30	0 57	11 39	2 17	17 18	0 43	20 5	1 8	6 58	13 53	12 46	13 10	19 39		n.a.
S 4	11 9	0 34	2 28	9 35	0 47	17 17	1 21	21 56	0 3	20 28	0 57	11 38	2 18	17 17	0 43	20 5	1 8	6 57	13 53	12 44	13 9	19 42		n.a.
S 5	10 47	6n 8	1 17	8 52	0 41	16 55	1 22	22 2	0 4	20 25	0 57	11 38	2 18	17 15	0 43	20 5	1 8	6 56	13 53	12 43	13 8	19 45		n.a.
M 6	10 26	12 33	0 2	8 8	0 35	16 32	1 23	22 8	0 5	20 22	0 57	11 38	2 18	17 14	0 43	20 5	1 8	6 55	13 52	12 42	13 7	19 47		n.a.
T 7	10 4	18 18	1n13	7 24	0 29	16 8	1 23	22 14	0 6	20 19	0 58	11 37	2 18	17 13	0 43	20 5	1 8	6 54	13 52	12 43	13 6	19 50		n.a.
W 8	9 42	23 2	2 24	6 41	0 22	15 44	1 24	22 20	0 8	20 16	0 58	11 36	2 18	17 12	0 43	20 5	1 8	6 53	13 52	12 43	13 5	19 52		n.a.
T 9	9 19	26 22	3 26	5 57	0 16	15 20	1 25	22 25	0 9	20 13	0 58	11 36	2 19	17 11	0 43	20 5	1 8	6 52	13 51	12 43	13 3	19 55		n.a.
F 10	8 57	28 3	4 14	5 13	0 9	14 55	1 25	22 31	0 10	20 11	0 58	11 35	2 19	17 10	0 43	20 6	1 8	6 51	13 51	12 42	13 2	19 58		n.a.
S 11	8 34	27 57	4 48	4 29	0 2	14 29	1 26	22 36	0 11	20 8	0 58	11 35	2 19	17 9	0 43	20 6	1 8	6 50	13 50	12 40	13 1	20 0		n.a.
S 12	8 11	26 8	5 4	3 45	0s 5	14 4	1 26	22 41	0 13	20 5	0 58	11 34	2 19	17 8	0 43	20 6	1 8	6 49	13 50	12 38	13 0	20 3		n.a.
M13	7 49	22 49	5 3	3 2	0 11	13 38	1 26	22 47	0 14	20 2	0 59	11 33	2 19	17 7	0 43	20 6	1 8	6 47	13 50	12 35	12 59	20 5		n.a.
T 14	7 26	18 22	4 46	2 18	0 18	13 11	1 27	22 52	0 15	19 59	0 59	11 33	2 19	17 6	0 43	20 6	1 8	6 46	13 49	12 32	12 58	20 8		n.a.
W15	7 2	13 7	4 14	1 35	0 25	12 44	1 27	22 57	0 17	19 56	0 59	11 32	2 20	17 5	0 43	20 6	1 8	6 45	13 49	12 29	12 57	20 10		n.a.
T 16	6 39	7 24	3 29	0 51	0 32	12 17	1 27	23 1	0 18	19 54	0 59	11 31	2 20	17 4	0 43	20 7	1 8	6 44	13 49	12 26	12 56	20 13		n.a.
F 17	6 16	1 30	2 34	0 8	0 39	11 50	1 27	23 6	0 20	19 51	0 59	11 30	2 20	17 3	0 43	20 7	1 8	6 43	13 49	12 24	12 55	20 16		n.a.
S 18	5 52	4s21	1 34	0s35	0 45	11 22	1 27	23 11	0 21	19 48	0 59	11 29	2 20	17 2	0 44	20 7	1 8	6 42	13 48	12 22	12 54	20 18		n.a.
S 19	5 29	9 57	0 29	1 17	0 52	10 54	1 27	23 15	0 22	19 45	0 59	11 28	2 20	17 1	0 44	20 7	1 7	6 41	13 48	12 22	12 52	20 21		n.a.
M20	5 5	15 7	0s35	2 0	0 59	10 25	1 27	23 20	0 24	19 42	1 0	11 28	2 20	17 0	0 44	20 7	1 7	6 40	13 48	12 22	12 51	20 23		n.a.
T 21	4 41	19 41	1 38	2 42	1 6	9 56	1 27	23 24	0 25	19 40	1 0	11 27	2 20	16 59	0 44	20 8	1 7	6 39	13 47	12 22	12 50	20 26		n.a.
W22	4 17	23 28	2 36	3 23	1 12	9 27	1 26	23 28	0 27	19 37	1 0	11 26	2 21	16 58	0 44	20 8	1 7	6 38	13 47	12 23	12 49	20 28		n.a.
T 23	3 53	26 17	3 28	4 4	1 19	8 58	1 26	23 32	0 28	19 34	1 0	11 25	2 21	16 57	0 44	20 8	1 7	6 37	13 47	12 23	12 48	20 31		n.a.
F 24	3 29	27 56	4 12	4 45	1 25	8 28	1 25	23 36	0 30	19 31	1 0	11 24	2 21	16 56	0 44	20 8	1 7	6 35	13 47	12 23	12 47	20 33		n.a.
S 25	3 5	28 18	4 45	5 26	1 31	7 58	1 25	23 40	0 31	19 29	1 1	11 22	2 21	16 55	0 44	20 8	1 7	6 34	13 46	12 23	12 46	20 36		n.a.
S 26	2 41	27 14	5 5	6 5	1 37	7 28	1 24	23 44	0 33	19 26	1 1	11 21	2 21	16 54	0 44	20 9	1 7	6 33	13 46	12 22	12 45	20 38		n.a.
M27	2 17	24 43	5 11	6 45	1 43	6 58	1 24	23 48	0 34	19 23	1 1	11 20	2 21	16 53	0 44	20 9	1 7	6 32	13 46	12 20	12 44	20 41		n.a.
T 28	1 52	20 50	5 1	7 23	1 49	6 28	1 23	23 52	0 36	19 20	1 1	11 19	2 21	16 52	0 44	20 9	1 7	6 31	13 46	12 18	12 43	20 43		n.a.
W29	1 28	15 46	4 34	8 1	1 55	5 57	1 22	23 55	0 38	19 18	1 1	11 18	2 22	16 51	0 44	20 9	1 7	6 30	13 45	12 16	12 41	20 46		n.a.
T 30	1n 4	9s45	3s49	8s39	2s 0	5n26	1n22	23n59	0n39	19n15	1n 1	11n17	2s22	16n50	0n44	20s10	1n 7	6n29	13n45	12n14	12n40	20s48		n.a.

Julian Day Number = 1365547.5, Delta T = 06h55m11s
Ecliptic obliquity = 23°48'49, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°31'38, Lahiri = -17°24'37 Julian Calendar 1 Sept. 975 BCE == Greg. Calendar 23 Aug. 975 BCE

The year -974 astronomical counting style corresponds to year 975 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 975 BCE
geocentric

OCTOBER 975 BCE (-974) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 0 1	28♍22'24	28♓45	18♎25	20♍50	19♊ 7	9♌16	5°R16	16♌33	3♐55	15♎30	1°R35	2♉52	23♏57	n.a.	F 1
S 2	0 3 58	29°22'48	13♈19	19°46	22° 5	19°28	9°26	5♉12	16°36	3°56	15°33	1♉32	2°48	24° 4	n.a.	S 2
S 3	0 7 54	0♎23'14	28° 0	21° 6	23°21	19°49	9°37	5° 9	16°39	3°57	15°35	1°D31	2°45	24°10	n.a.	S 3
M 4	0 11 51	1°23'43	12♉41	22°25	24°36	20°10	9°47	5° 5	16°42	3°58	15°37	1°31	2°42	24°17	n.a.	M 4
T 5	0 15 47	2°24'13	27°17	23°42	25°52	20°30	9°57	5° 1	16°45	4° 0	15°40	1°32	2°39	24°24	n.a.	T 5
W 6	0 19 44	3°24'45	11♊41	24°57	27° 8	20°50	10° 7	4°58	16°48	4° 1	15°42	1°34	2°36	24°30	n.a.	W 6
T 7	0 23 41	4°25'19	25°53	26°11	28°23	21° 9	10°17	4°54	16°51	4° 2	15°45	1°35	2°32	24°37	n.a.	T 7
F 8	0 27 37	5°25'56	9♋49	27°24	29°39	21°28	10°27	4°50	16°53	4° 4	15°47	1°R35	2°29	24°44	n.a.	F 8
S 9	0 31 34	6°26'34	23°30	28°34	0♎54	21°46	10°37	4°46	16°56	4° 5	15°49	1°34	2°26	24°50	n.a.	S 9
S 10	0 35 30	7°27'14	6♌57	29°42	2°10	22° 4	10°47	4°42	16°59	4° 6	15°52	1°32	2°23	24°57	n.a.	S 10
M11	0 39 27	8°27'56	20° 8	0♏47	3°25	22°21	10°57	4°38	17° 2	4° 8	15°54	1°29	2°20	25° 3	n.a.	M11
T 12	0 43 23	9°28'39	3♍ 5	1°49	4°41	22°38	11° 6	4°33	17° 4	4° 9	15°56	1°25	2°17	25°10	n.a.	T 12
W13	0 47 20	10°29'25	15°49	2°47	5°57	22°54	11°15	4°29	17° 7	4°11	15°59	1°22	2°13	25°17	n.a.	W13
T 14	0 51 16	11°30'12	28°21	3°42	7°12	23°10	11°25	4°25	17°10	4°12	16° 1	1°19	2°10	25°23	n.a.	T 14
F 15	0 55 13	12°31'00	10♎41	4°33	8°28	23°25	11°34	4°20	17°12	4°14	16° 4	1°16	2° 7	25°30	n.a.	F 15
S 16	0 59 10	13°31'50	22°50	5°18	9°44	23°40	11°43	4°16	17°15	4°15	16° 6	1°15	2° 4	25°37	n.a.	S 16
S 17	1 3 6	14°32'41	4♏50	5°58	10°59	23°54	11°52	4°11	17°17	4°17	16° 8	1°D15	2° 1	25°43	n.a.	S 17
M18	1 7 3	15°33'34	16°42	6°32	12°15	24° 8	12° 1	4° 7	17°20	4°19	16°11	1°16	1°58	25°50	n.a.	M18
T 19	1 10 59	16°34'27	28°31	6°59	13°31	24°21	12° 9	4° 2	17°22	4°20	16°13	1°17	1°54	25°57	n.a.	T 19
W20	1 14 56	17°35'22	10♐18	7°17	14°46	24°34	12°18	3°57	17°24	4°22	16°16	1°18	1°51	26° 3	n.a.	W20
T 21	1 18 52	18°36'19	22° 8	7°28	16° 2	24°46	12°27	3°53	17°27	4°24	16°18	1°20	1°48	26°10	n.a.	T 21
F 22	1 22 49	19°37'16	4♑ 4	7°R29	17°17	24°57	12°35	3°48	17°29	4°25	16°21	1°21	1°45	26°17	n.a.	F 22
S 23	1 26 45	20°38'14	16°13	7°20	18°33	25° 8	12°43	3°43	17°31	4°27	16°23	1°R21	1°42	26°23	n.a.	S 23
S 24	1 30 42	21°39'13	28°37	7° 0	19°49	25°18	12°51	3°38	17°33	4°29	16°25	1°21	1°38	26°30	n.a.	S 24
M25	1 34 39	22°40'13	11♒23	6°29	21° 4	25°27	12°59	3°34	17°36	4°31	16°28	1°20	1°35	26°37	n.a.	M25
T 26	1 38 35	23°41'14	24°32	5°48	22°20	25°36	13° 7	3°29	17°38	4°33	16°30	1°20	1°32	26°43	n.a.	T 26
W27	1 42 32	24°42'15	8♓ 9	4°55	23°36	25°44	13°15	3°24	17°40	4°34	16°33	1°19	1°29	26°50	n.a.	W27
T 28	1 46 28	25°43'17	22°12	3°53	24°51	25°52	13°22	3°19	17°42	4°36	16°35	1°18	1°26	26°57	n.a.	T 28
F 29	1 50 25	26°44'20	6♈40	2°42	26° 7	25°58	13°30	3°14	17°44	4°38	16°37	1°17	1°23	27° 3	n.a.	F 29
S 30	1 54 21	27°45'24	21°29	1°25	27°22	26° 4	13°37	3° 9	17°45	4°40	16°40	1°17	1°19	27°10	n.a.	S 30
S 31	1 58 18	28♎46'29	6♉30	0♏ 3	28♎38	26♊10	13♌44	3♉ 4	17♌47	4♐42	16♎42	1°D17	1♉16	27♏17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n39	3s 6	2s50	9s15	2s 5	4n55	1n21	24n 2	0n41	19n12	1n 2	11n15	2s22	16n49	0n44	20s10	1n 7	6n28	13n45	12n12	12n39	20s51		n.a.
S 2	0 15	3n50	1 38	9 51	2 10	4 24	1 20	24 6	0 43	19 10	1 2	11 14	2 22	16 48	0 44	20 10	1 7	6 27	13 45	12 11	12 38	20 53		n.a.
S 3	0s 9	10 38	0 19	10 26	2 15	3 53	1 19	24 9	0 44	19 7	1 2	11 13	2 22	16 47	0 44	20 11	1 7	6 26	13 45	12 11	12 37	20 56		n.a.
M 4	0 34	16 51	1n 1	11 0	2 19	3 22	1 18	24 13	0 46	19 4	1 2	11 12	2 22	16 46	0 44	20 11	1 7	6 25	13 45	12 11	12 36	20 58		n.a.
T 5	0 58	22 4	2 17	11 33	2 24	2 50	1 17	24 16	0 48	19 2	1 2	11 10	2 22	16 46	0 44	20 11	1 7	6 24	13 44	12 12	12 35	21 1		n.a.
W 6	1 23	25 53	3 23	12 5	2 27	2 19	1 16	24 19	0 50	18 59	1 3	11 9	2 22	16 45	0 44	20 11	1 7	6 23	13 44	12 12	12 34	21 3		n.a.
T 7	1 47	28 0	4 16	12 36	2 31	1 47	1 15	24 22	0 51	18 57	1 3	11 7	2 22	16 44	0 44	20 12	1 7	6 22	13 44	12 12	12 33	21 6		n.a.
F 8	2 11	28 18	4 52	13 5	2 33	1 16	1 13	24 25	0 53	18 54	1 3	11 6	2 22	16 43	0 44	20 12	1 7	6 21	13 44	12 13	12 32	21 8		n.a.
S 9	2 36	26 50	5 11	13 33	2 36	0 44	1 12	24 28	0 55	18 52	1 3	11 5	2 22	16 42	0 44	20 12	1 7	6 20	13 44	12 12	12 30	21 11		n.a.
S 10	3 0	23 52	5 13	13 59	2 38	0 12	1 11	24 31	0 57	18 49	1 3	11 3	2 23	16 41	0 44	20 13	1 7	6 19	13 44	12 11	12 29	21 13		n.a.
M11	3 24	19 42	4 58	14 24	2 39	0s20	1 9	24 34	0 59	18 47	1 4	11 2	2 23	16 41	0 44	20 13	1 7	6 17	13 43	12 10	12 28	21 16		n.a.
T 12	3 49	14 41	4 28	14 47	2 40	0 51	1 8	24 37	1 1	18 44	1 4	11 0	2 23	16 40	0 44	20 13	1 6	6 16	13 43	12 9	12 27	21 18		n.a.
W13	4 13	9 7	3 45	15 7	2 40	1 23	1 6	24 40	1 3	18 42	1 4	10 59	2 23	16 39	0 44	20 14	1 6	6 15	13 43	12 8	12 26	21 20		n.a.
T 14	4 37	3 17	2 52	15 26	2 39	1 55	1 5	24 43	1 5	18 39	1 4	10 57	2 23	16 38	0 44	20 14	1 6	6 14	13 43	12 7	12 25	21 23		n.a.
F 15	5 1	2s35	1 51	15 42	2 37	2 27	1 3	24 46	1 7	18 37	1 5	10 56	2 23	16 37	0 44	20 14	1 6	6 13	13 43	12 6	12 24	21 25		n.a.
S 16	5 25	8 18	0 46	15 55	2 35	2 58	1 1	24 48	1 9	18 35	1 5	10 54	2 23	16 37	0 44	20 15	1 6	6 12	13 43	12 6	12 23	21 28		n.a.
S 17	5 49	13 38	0s20	16 5	2 31	3 30	1 0	24 51	1 11	18 32	1 5	10 52	2 23	16 36	0 44	20 15	1 6	6 11	13 43	12 5	12 22	21 30		n.a.
M18	6 13	18 26	1 25	16 12	2 26	4 2	0 58	24 54	1 13	18 30	1 5	10 51	2 23	16 35	0 44	20 15	1 6	6 10	13 43	12 6	12 20	21 33		n.a.
T 19	6 37	22 30	2 25	16 15	2 20	4 33	0 56	24 56	1 15	18 28	1 6	10 49	2 23	16 34	0 44	20 16	1 6	6 9	13 43	12 6	12 19	21 35		n.a.
W20	7 1	25 38	3 20	16 15	2 13	5 5	0 54	24 59	1 17	18 26	1 6	10 48	2 23	16 34	0 45	20 16	1 6	6 9	13 43	12 7	12 18	21 37		n.a.
T 21	7 24	27 40	4 6	16 10	2 4	5 36	0 52	25 2	1 19	18 23	1 6	10 46	2 23	16 33	0 45	20 16	1 6	6 8	13 43	12 7	12 17	21 40		n.a.
F 22	7 48	28 27	4 42	16 1	1 54	6 7	0 51	25 4	1 21	18 21	1 6	10 44	2 23	16 32	0 45	20 17	1 6	6 7	13 43	12 7	12 16	21 42		n.a.
S 23	8 11	27 53	5 6	15 47	1 42	6 38	0 49	25 7	1 24	18 19	1 6	10 43	2 23	16 32	0 45	20 17	1 6	6 6	13 43	12 8	12 15	21 44		n.a.
S 24	8 34	25 55	5 17	15 27	1 29	7 9	0 47	25 10	1 26	18 17	1 7	10 41	2 23	16 31	0 45	20 17	1 6	6 5	13 42	12 8	12 14	21 47		n.a.
M25	8 57	22 38	5 13	15 3	1 13	7 40	0 45	25 12	1 28	18 15	1 7	10 40	2 23	16 31	0 45	20 18	1 6	6 4	13 42	12 7	12 13	21 49		n.a.
T 26	9 20	18 7	4 52	14 33	0 57	8 10	0 43	25 15	1 30	18 13	1 7	10 38	2 23	16 30	0 45	20 18	1 6	6 3	13 42	12 7	12 11	21 52		n.a.
W27	9 43	12 34	4 14	13 58	0 39	8 40	0 40	25 17	1 33	18 11	1 7	10 36	2 23	16 29	0 45	20 18	1 6	6 2	13 42	12 7	12 10	21 54		n.a.
T 28	10 6	6 12	3 21	13 19	0 19	9 11	0 38	25 20	1 35	18 9	1 8	10 35	2 23	16 29	0 45	20 19	1 6	6 1	13 42	12 7	12 9	21 56		n.a.
F 29	10 28	0n40	2 13	12 35	0n 1	9 40	0 36	25 23	1 37	18 7	1 8	10 33	2 23	16 28	0 45	20 19	1 6	6 0	13 42	12 6	12 8	21 59		n.a.
S 30	10 50	7 40	0 54	11 49	0 21	10 10	0 34	25 25	1 40	18 5	1 8	10 31	2 23	16 28	0 45	20 20	1 6	5 59	13 42	12 6	12 7	22 1		n.a.
S 31	11s12	14n21	0n29	11s 1	0n42	10s40	0n32	25n28	1n42	18n 3	1n 8	10n30	2s23	16n27	0n45	20s20	1n 6	5n58	13n43	12n 6	12n 6	22s 3		n.a.

Julian Day Number = 1365577.5, Delta T = 06h55m09s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°31'33, Lahiri = -17°24'33 Julian Calendar 1 Oct. 975 BCE == Greg. Calendar 22 Sept. 975 BCE

The year -974 astronomical counting style corresponds to year 975 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 975 BCE
geocentric

NOVEMBER 975 BCE (-974) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 2 14	29♎47'35	21♉36	28°R40	29♎53	26♊15	13♌51	2°R59	17♌49	4♐44	16♎44	1♉17	1♉13	27♏23	n.a.	M 1
T 2	2 6 11	0♏48'42	6♊37	27♎19	1♏ 9	26°19	13°58	2♉54	17°51	4°46	16°47	1°R17	1°10	27°30	n.a.	T 2
W 3	2 10 8	1°49'50	21°25	26° 2	2°25	26°22	14° 5	2°49	17°52	4°48	16°49	1°17	1° 7	27°37	n.a.	W 3
T 4	2 14 4	2°50'59	5♋55	24°51	3°40	26°24	14°12	2°44	17°54	4°50	16°52	1°17	1° 4	27°43	n.a.	T 4
F 5	2 18 1	3°52'09	20° 2	23°48	4°56	26°26	14°18	2°39	17°56	4°52	16°54	1°17	1° 0	27°50	n.a.	F 5
S 6	2 21 57	4°53'21	3♌47	22°56	6°11	26°27	14°24	2°34	17°57	4°54	16°56	1°D17	0°57	27°57	n.a.	S 6
S 7	2 25 54	5°54'33	17° 8	22°14	7°27	26°R27	14°30	2°29	17°59	4°56	16°59	1°17	0°54	28° 3	n.a.	S 7
M 8	2 29 50	6°55'46	0♍ 8	21°43	8°43	26°27	14°36	2°24	18° 0	4°58	17° 1	1°17	0°51	28°10	n.a.	M 8
T 9	2 33 47	7°56'59	12°50	21°24	9°58	26°25	14°42	2°19	18° 1	5° 0	17° 3	1°18	0°48	28°17	n.a.	T 9
W10	2 37 44	8°58'14	25°17	21°D15	11°14	26°23	14°48	2°14	18° 3	5° 2	17° 5	1°19	0°44	28°23	n.a.	W10
T 11	2 41 40	9°59'29	7♎32	21°17	12°29	26°20	14°53	2° 9	18° 4	5° 4	17° 8	1°20	0°41	28°30	n.a.	T 11
F 12	2 45 37	11° 0'45	19°37	21°28	13°45	26°16	14°59	2° 4	18° 5	5° 6	17°10	1°20	0°38	28°37	n.a.	F 12
S 13	2 49 33	12° 2'01	1♏35	21°48	15° 0	26°11	15° 4	1°59	18° 6	5° 8	17°12	1°R21	0°35	28°43	n.a.	S 13
S 14	2 53 30	13° 3'18	13°27	22°16	16°16	26° 6	15° 9	1°55	18° 7	5°11	17°14	1°20	0°32	28°50	n.a.	S 14
M15	2 57 26	14° 4'36	25°16	22°50	17°31	26° 0	15°14	1°50	18° 9	5°13	17°17	1°19	0°29	28°57	n.a.	M15
T 16	3 1 23	15° 5'53	7♐ 4	23°31	18°47	25°52	15°19	1°45	18° 9	5°15	17°19	1°18	0°25	29° 3	n.a.	T 16
W17	3 5 19	16° 7'11	18°54	24°18	20° 2	25°44	15°23	1°40	18°10	5°17	17°21	1°15	0°22	29°10	n.a.	W17
T 18	3 9 16	17° 8'29	0♑46	25°10	21°18	25°36	15°27	1°35	18°11	5°19	17°23	1°13	0°19	29°17	n.a.	T 18
F 19	3 13 13	18° 9'47	12°45	26° 6	22°33	25°26	15°32	1°31	18°12	5°21	17°25	1°10	0°16	29°23	n.a.	F 19
S 20	3 17 9	19°11'05	24°54	27° 6	23°49	25°15	15°36	1°26	18°13	5°24	17°27	1° 8	0°13	29°30	n.a.	S 20
S 21	3 21 6	20°12'23	7♒16	28° 9	25° 4	25° 4	15°39	1°22	18°14	5°26	17°30	1° 6	0° 9	29°37	n.a.	S 21
M22	3 25 2	21°13'41	19°55	29°15	26°20	24°52	15°43	1°17	18°14	5°28	17°32	1°D 6	0° 6	29°43	n.a.	M22
T 23	3 28 59	22°14'58	2♓56	0♏25	27°35	24°39	15°47	1°13	18°15	5°30	17°34	1° 6	0° 3	29°50	n.a.	T 23
W24	3 32 55	23°16'15	16°21	1°36	28°51	24°25	15°50	1° 8	18°15	5°32	17°36	1° 7	29♈59	29°57	n.a.	W24
T 25	3 36 52	24°17'32	0♈13	2°49	0♐ 6	24°11	15°53	1° 4	18°16	5°35	17°38	1° 9	29°57	0♐ 3	n.a.	T 25
F 26	3 40 48	25°18'48	14°32	4° 5	1°21	23°56	15°56	0°59	18°16	5°37	17°40	1°10	29°54	0°10	n.a.	F 26
S 27	3 44 45	26°20'04	29°16	5°22	2°37	23°40	15°59	0°55	18°17	5°39	17°42	1°R11	29°50	0°17	n.a.	S 27
S 28	3 48 42	27°21'20	14♉19	6°40	3°52	23°23	16° 1	0°51	18°17	5°41	17°44	1°10	29°47	0°23	n.a.	S 28
M29	3 52 38	28°22'35	29°34	8° 0	5° 8	23° 6	16° 4	0°47	18°17	5°44	17°46	1° 8	29°44	0°30	n.a.	M29
T 30	3 56 35	29♏23'50	14♊51	9♏21	6♐23	22♊48	16♌ 6	0♉43	18♌17	5♐46	17♎48	1♉ 5	29♈41	0♐37	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s34	20n13	1n51	10s12	1n 2	11s 9	0n30	25n30	1n45	18n 1	1n 9	10n28	2s23	16n27	0n45	20s20	1n 6	5n58	13n43	12n 6	12n 5	22s 6		n.a.
T 2	11 56	24 46	3 4	9 25	1 21	11 38	0 27	25 33	1 47	18 0	1 9	10 26	2 23	16 26	0 45	20 21	1 6	5 57	13 43	12 6	12 4	22 8		n.a.
W 3	12 18	27 36	4 4	8 41	1 39	12 6	0 25	25 35	1 50	17 58	1 9	10 25	2 23	16 26	0 45	20 21	1 6	5 56	13 43	12 6	12 3	22 10		n.a.
T 4	12 39	28 28	4 47	8 0	1 54	12 35	0 23	25 38	1 52	17 56	1 10	10 23	2 23	16 25	0 45	20 22	1 6	5 55	13 43	12 6	12 1	22 13		n.a.
F 5	13 0	27 26	5 12	7 24	2 8	13 3	0 21	25 41	1 55	17 54	1 10	10 21	2 23	16 25	0 45	20 22	1 6	5 54	13 43	12 6	12 0	22 15		n.a.
S 6	13 21	24 45	5 18	6 54	2 20	13 30	0 18	25 43	1 57	17 53	1 10	10 20	2 22	16 24	0 45	20 22	1 6	5 53	13 43	12 6	11 59	22 17		n.a.
S 7	13 42	20 47	5 6	6 29	2 29	13 58	0 16	25 46	2 0	17 51	1 10	10 18	2 22	16 24	0 45	20 23	1 6	5 53	13 43	12 6	11 58	22 20		n.a.
M 8	14 2	15 56	4 39	6 11	2 36	14 25	0 14	25 48	2 3	17 50	1 11	10 16	2 22	16 23	0 45	20 23	1 6	5 52	13 43	12 6	11 57	22 22		n.a.
T 9	14 23	10 30	3 58	5 59	2 42	14 51	0 11	25 51	2 5	17 48	1 11	10 15	2 22	16 23	0 45	20 24	1 6	5 51	13 43	12 7	11 56	22 24		n.a.
W10	14 43	4 45	3 7	5 52	2 45	15 17	0 9	25 54	2 8	17 47	1 11	10 13	2 22	16 23	0 45	20 24	1 5	5 50	13 43	12 7	11 55	22 27		n.a.
T 11	15 2	1s 4	2 8	5 51	2 47	15 43	0 7	25 56	2 10	17 46	1 11	10 11	2 22	16 22	0 45	20 24	1 5	5 50	13 43	12 7	11 54	22 29		n.a.
F 12	15 22	6 48	1 5	5 55	2 48	16 9	0 4	25 59	2 13	17 44	1 12	10 10	2 22	16 22	0 45	20 25	1 5	5 49	13 43	12 7	11 52	22 31		n.a.
S 13	15 41	12 14	0s 1	6 3	2 47	16 34	0 2	26 1	2 16	17 43	1 12	10 8	2 22	16 22	0 46	20 25	1 5	5 48	13 44	12 7	11 51	22 33		n.a.
S 14	16 0	17 11	1 7	6 15	2 45	16 58	0s 1	26 4	2 18	17 42	1 12	10 7	2 22	16 21	0 46	20 26	1 5	5 47	13 44	12 7	11 50	22 36		n.a.
M15	16 19	21 28	2 9	6 31	2 42	17 22	0 3	26 6	2 21	17 40	1 13	10 5	2 21	16 21	0 46	20 26	1 5	5 47	13 44	12 7	11 49	22 38		n.a.
T 16	16 37	24 52	3 5	6 50	2 38	17 46	0 5	26 9	2 24	17 39	1 13	10 4	2 21	16 21	0 46	20 26	1 5	5 46	13 44	12 6	11 48	22 40		n.a.
W17	16 55	27 13	3 54	7 12	2 33	18 9	0 8	26 11	2 27	17 38	1 13	10 2	2 21	16 21	0 46	20 27	1 5	5 45	13 44	12 6	11 47	22 42		n.a.
T 18	17 13	28 21	4 33	7 36	2 28	18 32	0 10	26 14	2 29	17 37	1 13	10 1	2 21	16 20	0 46	20 27	1 5	5 45	13 44	12 5	11 46	22 45		n.a.
F 19	17 30	28 10	5 0	8 1	2 22	18 54	0 12	26 16	2 32	17 36	1 14	9 59	2 21	16 20	0 46	20 28	1 5	5 44	13 44	12 4	11 44	22 47		n.a.
S 20	17 48	26 37	5 14	8 29	2 16	19 15	0 15	26 18	2 35	17 35	1 14	9 58	2 21	16 20	0 46	20 28	1 5	5 43	13 45	12 3	11 43	22 49		n.a.
S 21	18 4	23 48	5 14	8 58	2 10	19 36	0 17	26 21	2 37	17 34	1 14	9 56	2 21	16 20	0 46	20 28	1 5	5 43	13 45	12 2	11 42	22 51		n.a.
M22	18 21	19 47	4 59	9 28	2 3	19 57	0 19	26 23	2 40	17 34	1 15	9 55	2 20	16 20	0 46	20 29	1 5	5 42	13 45	12 2	11 41	22 54		n.a.
T 23	18 37	14 45	4 28	9 59	1 56	20 17	0 22	26 25	2 43	17 33	1 15	9 53	2 20	16 20	0 46	20 29	1 5	5 41	13 45	12 2	11 40	22 56		n.a.
W24	18 53	8 53	3 43	10 31	1 49	20 36	0 24	26 27	2 45	17 32	1 15	9 52	2 20	16 19	0 46	20 30	1 5	5 41	13 45	12 3	11 39	22 58		n.a.
T 25	19 8	2 24	2 43	11 4	1 41	20 55	0 26	26 29	2 48	17 31	1 16	9 51	2 20	16 19	0 46	20 30	1 5	5 40	13 46	12 3	11 38	23 0		n.a.
F 26	19 23	4n26	1 30	11 37	1 34	21 13	0 29	26 31	2 51	17 31	1 16	9 49	2 20	16 19	0 46	20 31	1 5	5 40	13 46	12 4	11 37	23 2		n.a.
S 27	19 38	11 13	0 11	12 10	1 26	21 31	0 31	26 33	2 53	17 30	1 16	9 48	2 20	16 19	0 46	20 31	1 5	5 39	13 46	12 4	11 35	23 5		n.a.
S 28	19 53	17 31	1n12	12 43	1 18	21 48	0 33	26 34	2 56	17 30	1 17	9 47	2 19	16 19	0 46	20 31	1 5	5 39	13 46	12 4	11 34	23 7		n.a.
M29	20 7	22 49	2 30	13 17	1 11	22 4	0 35	26 36	2 58	17 29	1 17	9 45	2 19	16 19	0 46	20 32	1 5	5 38	13 46	12 3	11 33	23 9		n.a.
T 30	20s20	26n32	3n37	13s51	1n 3	22s20	0s38	26n38	3n 1	17n29	1n17	9n44	2s19	16n19	0n46	20s32	1n 5	5n38	13n47	12n 2	11n32	23s11		n.a.

Julian Day Number = 1365608.5, Delta T = 06h55m08s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°31'29, Lahiri = -17°24'29 Julian Calendar 1 Nov. 975 BCE == Greg. Calendar 23 Oct. 975 BCE

The year -974 astronomical counting style corresponds to year 975 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 975 BCE
geocentric

DECEMBER 975 BCE (-974) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 0 31	0♐25'05	29♊59	10♏43	7♐38	22°R29	16♌ 8	0°R39	18♌17	5♐48	17♎50	1°R 1	29♈38	0♐43	n.a.	W 1
T 2	4 4 28	1°26'20	14♋49	12° 6	8°54	22♊10	16°10	0♉35	18°17	5°50	17°52	0♉56	29°35	0°50	n.a.	T 2
F 3	4 8 24	2°27'35	29°13	13°30	10° 9	21°50	16°11	0°31	18°R18	5°53	17°54	0°52	29°31	0°57	n.a.	F 3
S 4	4 12 21	3°28'50	13♌10	14°55	11°24	21°30	16°13	0°27	18°17	5°55	17°55	0°49	29°28	1° 3	n.a.	S 4
S 5	4 16 18	4°30'04	26°37	16°21	12°40	21° 9	16°14	0°23	18°17	5°57	17°57	0°47	29°25	1°10	n.a.	S 5
M 6	4 20 14	5°31'18	9♍38	17°47	13°55	20°48	16°15	0°20	18°17	6° 0	17°59	0°D47	29°22	1°17	n.a.	M 6
T 7	4 24 11	6°32'32	22°16	19°14	15°10	20°26	16°16	0°16	18°17	6° 2	18° 1	0°48	29°19	1°23	n.a.	T 7
W 8	4 28 7	7°33'46	4♎36	20°42	16°26	20° 3	16°17	0°13	18°17	6° 4	18° 3	0°50	29°15	1°30	n.a.	W 8
T 9	4 32 4	8°34'59	16°41	22°10	17°41	19°41	16°17	0°10	18°16	6° 6	18° 4	0°52	29°12	1°37	n.a.	T 9
F 10	4 36 0	9°36'12	28°37	23°39	18°56	19°18	16°18	0° 6	18°16	6° 9	18° 6	0°R53	29° 9	1°43	n.a.	F 10
S 11	4 39 57	10°37'24	10♏27	25° 9	20°11	18°54	16°R18	0° 3	18°16	6°11	18° 8	0°52	29° 6	1°50	n.a.	S 11
S 12	4 43 53	11°38'36	22°15	26°39	21°27	18°31	16°18	29♈59	18°15	6°13	18° 9	0°50	29° 3	1°57	n.a.	S 12
M13	4 47 50	12°39'47	4♐ 3	28°10	22°42	18° 7	16°17	29°57	18°15	6°15	18°11	0°45	29° 0	2° 3	n.a.	M13
T 14	4 51 47	13°40'58	15°53	29°41	23°57	17°43	16°17	29°54	18°14	6°18	18°12	0°38	28°56	2°10	n.a.	T 14
W15	4 55 43	14°42'07	27°47	1♑13	25°12	17°19	16°16	29°51	18°13	6°20	18°14	0°30	28°53	2°17	n.a.	W15
T 16	4 59 40	15°43'16	9♑47	2°46	26°27	16°55	16°15	29°49	18°13	6°22	18°16	0°21	28°50	2°23	n.a.	T 16
F 17	5 3 36	16°44'24	21°54	4°19	27°43	16°30	16°14	29°46	18°12	6°24	18°17	0°12	28°47	2°30	n.a.	F 17
S 18	5 7 33	17°45'30	4♒10	5°52	28°58	16° 6	16°13	29°43	18°11	6°27	18°19	0° 3	28°44	2°37	n.a.	S 18
S 19	5 11 29	18°46'36	16°37	7°27	0♑13	15°42	16°12	29°41	18°10	6°29	18°20	29♈57	28°41	2°43	n.a.	S 19
M20	5 15 26	19°47'40	29°17	9° 1	1°28	15°18	16°10	29°39	18° 9	6°31	18°21	29°52	28°37	2°50	n.a.	M20
T 21	5 19 23	20°48'42	12♓14	10°37	2°43	14°55	16° 8	29°37	18° 8	6°33	18°23	29°50	28°34	2°57	n.a.	T 21
W22	5 23 19	21°49'43	25°31	12°13	3°58	14°31	16° 6	29°35	18° 7	6°36	18°24	29°D50	28°31	3° 3	n.a.	W22
T 23	5 27 16	22°50'43	9♈ 9	13°50	5°13	14° 8	16° 4	29°33	18° 6	6°38	18°26	29°51	28°28	3°10	n.a.	T 23
F 24	5 31 12	23°51'42	23°12	15°27	6°28	13°45	16° 1	29°31	18° 5	6°40	18°27	29°R51	28°25	3°17	n.a.	F 24
S 25	5 35 9	24°52'39	7♉38	17° 5	7°43	13°23	15°59	29°29	18° 4	6°42	18°28	29°51	28°21	3°23	n.a.	S 25
S 26	5 39 5	25°53'34	22°27	18°44	8°58	13° 1	15°56	29°27	18° 3	6°44	18°29	29°49	28°18	3°30	n.a.	S 26
M27	5 43 2	26°54'28	7♊32	20°23	10°13	12°39	15°53	29°26	18° 1	6°47	18°31	29°45	28°15	3°37	n.a.	M27
T 28	5 46 58	27°55'21	22°44	22° 3	11°28	12°18	15°50	29°24	18° 0	6°49	18°32	29°38	28°12	3°43	n.a.	T 28
W29	5 50 55	28°56'13	7♋54	23°44	12°43	11°57	15°47	29°23	17°59	6°51	18°33	29°29	28° 9	3°50	n.a.	W29
T 30	5 54 52	29°57'03	22°51	25°26	13°58	11°37	15°43	29°22	17°57	6°53	18°34	29°19	28° 6	3°57	n.a.	T 30
F 31	5 58 48	0♑57'52	7♌26	27♐ 8	15♑13	11♊17	15♌40	29♈21	17♌56	6♐55	18♎35	29♈10	28♈ 2	4♐ 3	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20s33	28n17	4n29	14s24	0n55	22s35	0s40	26n39	3n 3	17n29	1n17	9n43	2s19	16n19	0n46	20s33	1n 5	5n37	13n47	12n 1	11n31	23s13			n.a.
T 2	20 46	27 57	5 1	14 57	0 47	22 49	0 42	26 40	3 6	17 28	1 18	9 42	2 19	16 19	0 46	20 33	1 5	5 37	13 47	11 59	11 30	23 15			n.a.
F 3	20 59	25 43	5 13	15 31	0 40	23 3	0 44	26 41	3 8	17 28	1 18	9 41	2 18	16 19	0 46	20 33	1 5	5 36	13 47	11 57	11 29	23 18			n.a.
S 4	21 11	22 0	5 6	16 3	0 32	23 16	0 46	26 42	3 11	17 28	1 18	9 39	2 18	16 19	0 46	20 34	1 5	5 36	13 48	11 56	11 27	23 20			n.a.
S 5	21 22	17 14	4 42	16 36	0 24	23 28	0 48	26 43	3 13	17 28	1 19	9 38	2 18	16 19	0 47	20 34	1 5	5 35	13 48	11 56	11 26	23 22			n.a.
M 6	21 34	11 50	4 4	17 8	0 17	23 39	0 50	26 44	3 15	17 28	1 19	9 37	2 18	16 19	0 47	20 35	1 5	5 35	13 48	11 56	11 25	23 24			n.a.
T 7	21 44	6 6	3 15	17 39	0 9	23 50	0 52	26 44	3 17	17 28	1 19	9 36	2 17	16 19	0 47	20 35	1 5	5 34	13 48	11 56	11 24	23 26			n.a.
W 8	21 55	0 16	2 19	18 10	0 2	24 0	0 54	26 45	3 19	17 28	1 20	9 35	2 17	16 20	0 47	20 35	1 5	5 34	13 49	11 57	11 23	23 28			n.a.
T 9	22 5	5s29	1 17	18 41	0s 5	24 10	0 56	26 45	3 21	17 28	1 20	9 34	2 17	16 20	0 47	20 36	1 5	5 34	13 49	11 57	11 22	23 31			n.a.
F 10	22 14	10 58	0 12	19 11	0 12	24 18	0 58	26 45	3 23	17 28	1 20	9 33	2 17	16 20	0 47	20 36	1 5	5 33	13 49	11 58	11 21	23 33			n.a.
S 11	22 23	16 0	0s52	19 40	0 19	24 26	1 0	26 45	3 25	17 29	1 21	9 32	2 16	16 20	0 47	20 37	1 5	5 33	13 50	11 57	11 19	23 35			n.a.
S 12	22 32	20 27	1 54	20 8	0 26	24 33	1 1	26 45	3 27	17 29	1 21	9 32	2 16	16 20	0 47	20 37	1 5	5 33	13 50	11 56	11 18	23 37			n.a.
M13	22 40	24 4	2 50	20 35	0 33	24 40	1 3	26 44	3 29	17 29	1 21	9 31	2 16	16 20	0 47	20 37	1 5	5 32	13 50	11 55	11 17	23 39			n.a.
T 14	22 48	26 41	3 39	21 2	0 39	24 45	1 5	26 43	3 30	17 30	1 21	9 30	2 16	16 21	0 47	20 38	1 5	5 32	13 51	11 52	11 16	23 41			n.a.
W15	22 55	28 7	4 19	21 28	0 45	24 50	1 7	26 43	3 32	17 30	1 22	9 29	2 15	16 21	0 47	20 38	1 5	5 32	13 51	11 50	11 15	23 43			n.a.
T 16	23 2	28 14	4 48	21 53	0 52	24 54	1 8	26 42	3 33	17 31	1 22	9 28	2 15	16 21	0 47	20 39	1 5	5 31	13 51	11 46	11 14	23 45			n.a.
F 17	23 8	27 0	5 4	22 17	0 58	24 57	1 10	26 41	3 35	17 32	1 22	9 28	2 15	16 21	0 47	20 39	1 5	5 31	13 52	11 43	11 13	23 47			n.a.
S 18	23 14	24 28	5 7	22 40	1 3	25 0	1 11	26 39	3 36	17 32	1 23	9 27	2 15	16 22	0 47	20 39	1 5	5 31	13 52	11 40	11 11	23 49			n.a.
S 19	23 20	20 46	4 55	23 2	1 9	25 2	1 13	26 38	3 37	17 33	1 23	9 27	2 14	16 22	0 47	20 40	1 5	5 31	13 52	11 38	11 10	23 51			n.a.
M20	23 25	16 4	4 28	23 22	1 14	25 3	1 14	26 36	3 38	17 34	1 23	9 26	2 14	16 22	0 47	20 40	1 5	5 30	13 53	11 36	11 9	23 54			n.a.
T 21	23 29	10 34	3 48	23 42	1 19	25 3	1 16	26 34	3 39	17 35	1 24	9 25	2 14	16 23	0 47	20 41	1 5	5 30	13 53	11 35	11 8	23 56			n.a.
W22	23 33	4 28	2 54	24 0	1 24	25 2	1 17	26 33	3 40	17 35	1 24	9 25	2 13	16 23	0 47	20 41	1 5	5 30	13 53	11 35	11 7	23 58			n.a.
T 23	23 37	2n 1	1 49	24 17	1 29	25 1	1 18	26 31	3 41	17 36	1 24	9 25	2 13	16 23	0 47	20 41	1 5	5 30	13 54	11 35	11 6	24 0			n.a.
F 24	23 40	8 36	0 36	24 33	1 33	24 58	1 19	26 28	3 42	17 37	1 25	9 24	2 13	16 24	0 47	20 42	1 5	5 30	13 54	11 36	11 5	24 2			n.a.
S 25	23 43	14 56	0n42	24 47	1 37	24 55	1 21	26 26	3 42	17 39	1 25	9 24	2 13	16 24	0 47	20 42	1 5	5 29	13 54	11 36	11 3	24 4			n.a.
S 26	23 45	20 34	1 58	25 0	1 41	24 52	1 22	26 24	3 43	17 40	1 25	9 23	2 12	16 25	0 47	20 42	1 5	5 29	13 55	11 35	11 2	24 6			n.a.
M27	23 47	24 59	3 7	25 12	1 45	24 47	1 23	26 21	3 43	17 41	1 25	9 23	2 12	16 25	0 47	20 43	1 5	5 29	13 55	11 33	11 1	24 8			n.a.
T 28	23 48	27 40	4 4	25 22	1 48	24 42	1 24	26 19	3 44	17 42	1 26	9 23	2 12	16 26	0 48	20 43	1 5	5 29	13 55	11 31	11 0	24 10			n.a.
W29	23 49	28 17	4 43	25 30	1 51	24 36	1 25	26 16	3 44	17 43	1 26	9 23	2 11	16 26	0 48	20 44	1 5	5 29	13 56	11 28	10 59	24 12			n.a.
T 30	23 49	26 48	5 2	25 37	1 53	24 29	1 25	26 14	3 44	17 45	1 26	9 23	2 11	16 27	0 48	20 44	1 5	5 29	13 56	11 24	10 58	24 14			n.a.
F 31	23s49	23n32	5n 1	25s42	1s55	24s21	1s26	26n11	3n44	17n46	1n27	9n22	2s11	16n27	0n48	20s44	1n 5	5n29	13n57	11n21	10n56	24s16			n.a.

Julian Day Number = 1365638.5, Delta T = 06h55m06s
Ecliptic obliquity = 23°48'49, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°31'25, Lahiri = -17°24'25 Julian Calendar 1 Dec. 975 BCE == Greg. Calendar 22 Nov. 975 BCE

The year -974 astronomical counting style corresponds to year 975 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 974 BCE
geocentric

JANUARY 974 BCE (-973) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 2 45	1♉58'39	21♌34	28♐51	16♉28	10°R58	15°R36	29°R20	17°R54	6♐57	18♎36	29°R 2	27♈59	4♐10	n.a.	S 1
S 2	6 6 41	2°59'25	5♍11	0♉35	17°43	10♊40	15♌32	29♈19	17♌53	6°59	18°37	28♈56	27°56	4°17	n.a.	S 2
M 3	6 10 38	4° 0'10	18°19	2°20	18°58	10°22	15°28	29°18	17°51	7° 1	18°38	28°52	27°53	4°23	n.a.	M 3
T 4	6 14 34	5° 0'54	1♎ 1	4° 6	20°13	10° 5	15°23	29°17	17°50	7° 4	18°39	28°D51	27°50	4°30	n.a.	T 4
W 5	6 18 31	6° 1'37	13°22	5°52	21°27	9°49	15°19	29°17	17°48	7° 6	18°40	28°51	27°47	4°37	n.a.	W 5
T 6	6 22 28	7° 2'18	25°26	7°39	22°42	9°33	15°14	29°16	17°46	7° 8	18°41	28°R52	27°43	4°43	n.a.	T 6
F 7	6 26 24	8° 2'58	7♏19	9°27	23°57	9°18	15° 9	29°16	17°44	7°10	18°42	28°51	27°40	4°50	n.a.	F 7
S 8	6 30 21	9° 3'36	19° 7	11°15	25°12	9° 4	15° 4	29°16	17°43	7°12	18°42	28°49	27°37	4°57	n.a.	S 8
S 9	6 34 17	10° 4'14	0♐54	13° 5	26°26	8°50	14°59	29°D16	17°41	7°14	18°43	28°45	27°34	5° 3	n.a.	S 9
M10	6 38 14	11° 4'49	12°43	14°55	27°41	8°38	14°54	29°16	17°39	7°16	18°44	28°37	27°31	5°10	n.a.	M10
T 11	6 42 10	12° 5'24	24°38	16°45	28°56	8°26	14°48	29°16	17°37	7°18	18°45	28°27	27°27	5°17	n.a.	T 11
W12	6 46 7	13° 5'56	6♉40	18°36	0♒11	8°15	14°43	29°16	17°35	7°20	18°45	28°14	27°24	5°23	n.a.	W12
T 13	6 50 3	14° 6'27	18°51	20°28	1°25	8° 4	14°37	29°17	17°33	7°21	18°46	28° 0	27°21	5°30	n.a.	T 13
F 14	6 54 0	15° 6'56	1♒11	22°20	2°40	7°55	14°31	29°17	17°31	7°23	18°47	27°46	27°18	5°37	n.a.	F 14
S 15	6 57 57	16° 7'23	13°41	24°12	3°54	7°46	14°25	29°18	17°29	7°25	18°47	27°33	27°15	5°43	n.a.	S 15
S 16	7 1 53	17° 7'48	26°22	26° 4	5° 9	7°38	14°19	29°19	17°27	7°27	18°48	27°23	27°12	5°50	n.a.	S 16
M17	7 5 50	18° 8'11	9♓14	27°56	6°24	7°31	14°13	29°19	17°25	7°29	18°48	27°15	27° 8	5°57	n.a.	M17
T 18	7 9 46	19° 8'32	22°18	29°47	7°38	7°25	14° 6	29°20	17°22	7°31	18°49	27°10	27° 5	6° 4	n.a.	T 18
W19	7 13 43	20° 8'51	5♈36	1♒38	8°53	7°19	14° 0	29°21	17°20	7°33	18°49	27° 8	27° 2	6°10	n.a.	W19
T 20	7 17 39	21° 9'08	19°10	3°28	10° 7	7°15	13°53	29°23	17°18	7°34	18°49	27° 7	26°59	6°17	n.a.	T 20
F 21	7 21 36	22° 9'22	3♉ 2	5°16	11°21	7°11	13°47	29°24	17°16	7°36	18°50	27° 7	26°56	6°24	n.a.	F 21
S 22	7 25 32	23° 9'34	17°12	7° 3	12°36	7° 7	13°40	29°25	17°13	7°38	18°50	27° 6	26°53	6°30	n.a.	S 22
S 23	7 29 29	24° 9'44	1♊40	8°47	13°50	7° 5	13°33	29°27	17°11	7°40	18°50	27° 3	26°49	6°37	n.a.	S 23
M24	7 33 26	25° 9'52	16°22	10°29	15° 5	7° 3	13°26	29°29	17° 9	7°41	18°51	26°57	26°46	6°44	n.a.	M24
T 25	7 37 22	26° 9'58	1♋13	12° 8	16°19	7° 3	13°19	29°30	17° 6	7°43	18°51	26°49	26°43	6°50	n.a.	T 25
W26	7 41 19	27°10'02	16° 6	13°42	17°33	7°D 3	13°12	29°32	17° 4	7°45	18°51	26°38	26°40	6°57	n.a.	W26
T 27	7 45 15	28°10'03	0♌51	15°13	18°47	7° 3	13° 4	29°34	17° 2	7°46	18°51	26°26	26°37	7° 4	n.a.	T 27
F 28	7 49 12	29°10'03	15°20	16°39	20° 1	7° 5	12°57	29°36	16°59	7°48	18°51	26°14	26°33	7°10	n.a.	F 28
S 29	7 53 8	0♒10'00	29°27	17°59	21°16	7° 7	12°50	29°38	16°57	7°49	18°51	26° 4	26°30	7°17	n.a.	S 29
S 30	7 57 5	1° 9'55	13♍ 7	19°13	22°30	7° 9	12°42	29°41	16°54	7°51	18°R51	25°56	26°27	7°24	n.a.	S 30
M31	8 1 1	2♒ 9'49	26♍19	20♒21	23♒44	7♊13	12♌35	29♈43	16♌52	7♐52	18♎51	25♈51	26♈24	7♐30	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s48	18n58	4n41	25s46	1s57	24s13	1s27	26n 8	3n44	17n47	1n27	9n22	2s11	16n28	0n48	20s45	1n 5	5n29	13n57	11n18	10n55	24s18		n.a.
S 2	23 47	13 33	4 6	25 47	1 59	24 4	1 28	26 6	3 44	17 49	1 27	9 22	2 10	16 28	0 48	20 45	1 5	5 29	13 57	11 16	10 54	24 20		n.a.
M 3	23 45	7 43	3 19	25 47	2 0	23 54	1 28	26 3	3 44	17 50	1 27	9 22	2 10	16 29	0 48	20 45	1 5	5 29	13 58	11 15	10 53	24 22		n.a.
T 4	23 43	1 46	2 23	25 45	2 0	23 44	1 29	26 0	3 44	17 52	1 28	9 22	2 10	16 29	0 48	20 46	1 5	5 29	13 58	11 14	10 52	24 24		n.a.
W 5	23 40	4s 6	1 22	25 41	2 0	23 33	1 29	25 57	3 44	17 54	1 28	9 23	2 9	16 30	0 48	20 46	1 5	5 29	13 58	11 14	10 51	24 26		n.a.
T 6	23 37	9 42	0 18	25 35	2 0	23 21	1 30	25 54	3 43	17 55	1 28	9 23	2 9	16 30	0 48	20 46	1 5	5 29	13 59	11 14	10 50	24 28		n.a.
F 7	23 34	14 53	0s45	25 27	1 59	23 8	1 30	25 52	3 43	17 57	1 29	9 23	2 9	16 31	0 48	20 47	1 5	5 29	13 59	11 14	10 48	24 30		n.a.
S 8	23 30	19 28	1 46	25 17	1 58	22 55	1 30	25 49	3 42	17 59	1 29	9 23	2 9	16 31	0 48	20 47	1 5	5 29	14 0	11 13	10 47	24 32		n.a.
S 9	23 25	23 17	2 41	25 5	1 56	22 41	1 31	25 46	3 42	18 1	1 29	9 23	2 8	16 32	0 48	20 47	1 5	5 29	14 0	11 12	10 46	24 34		n.a.
M10	23 21	26 9	3 30	24 51	1 54	22 26	1 31	25 44	3 41	18 2	1 29	9 24	2 8	16 33	0 48	20 48	1 5	5 29	14 0	11 9	10 45	24 35		n.a.
T 11	23 15	27 52	4 10	24 34	1 51	22 10	1 31	25 41	3 41	18 4	1 30	9 24	2 8	16 33	0 48	20 48	1 5	5 29	14 1	11 5	10 44	24 37		n.a.
W12	23 9	28 18	4 40	24 16	1 47	21 54	1 31	25 38	3 40	18 6	1 30	9 24	2 7	16 34	0 48	20 48	1 5	5 30	14 1	11 1	10 43	24 39		n.a.
T 13	23 3	27 21	4 56	23 55	1 43	21 38	1 31	25 36	3 39	18 8	1 30	9 25	2 7	16 35	0 48	20 49	1 5	5 30	14 2	10 56	10 41	24 41		n.a.
F 14	22 56	25 4	5 0	23 33	1 38	21 21	1 31	25 34	3 38	18 10	1 30	9 25	2 7	16 35	0 48	20 49	1 5	5 30	14 2	10 51	10 40	24 43		n.a.
S 15	22 49	21 34	4 49	23 8	1 33	21 3	1 31	25 31	3 38	18 12	1 31	9 26	2 6	16 36	0 48	20 49	1 5	5 30	14 3	10 46	10 39	24 45		n.a.
S 16	22 42	17 2	4 23	22 41	1 26	20 44	1 30	25 29	3 37	18 14	1 31	9 26	2 6	16 37	0 48	20 50	1 5	5 30	14 3	10 42	10 38	24 47		n.a.
M17	22 34	11 41	3 44	22 12	1 20	20 25	1 30	25 27	3 36	18 16	1 31	9 27	2 6	16 37	0 48	20 50	1 5	5 30	14 3	10 39	10 37	24 49		n.a.
T 18	22 25	5 44	2 53	21 41	1 12	20 5	1 30	25 25	3 35	18 18	1 31	9 27	2 6	16 38	0 48	20 50	1 5	5 31	14 4	10 37	10 36	24 51		n.a.
W19	22 17	0n34	1 51	21 8	1 4	19 45	1 29	25 23	3 34	18 20	1 31	9 28	2 5	16 39	0 48	20 50	1 5	5 31	14 4	10 36	10 34	24 53		n.a.
T 20	22 7	6 58	0 42	20 34	0 55	19 24	1 29	25 21	3 33	18 23	1 32	9 29	2 5	16 39	0 48	20 51	1 5	5 31	14 5	10 36	10 33	24 54		n.a.
F 21	21 58	13 12	0n31	19 58	0 45	19 3	1 28	25 20	3 32	18 25	1 32	9 30	2 5	16 40	0 48	20 51	1 5	5 31	14 5	10 36	10 32	24 56		n.a.
S 22	21 47	18 53	1 44	19 21	0 34	18 41	1 27	25 18	3 31	18 27	1 32	9 30	2 4	16 41	0 48	20 51	1 5	5 32	14 5	10 36	10 31	24 58		n.a.
S 23	21 37	23 37	2 51	18 43	0 23	18 19	1 27	25 17	3 30	18 29	1 32	9 31	2 4	16 42	0 48	20 51	1 5	5 32	14 6	10 35	10 30	25 0		n.a.
M24	21 26	26 54	3 49	18 4	0 12	17 56	1 26	25 15	3 29	18 31	1 32	9 32	2 4	16 42	0 48	20 52	1 5	5 32	14 6	10 33	10 29	25 2		n.a.
T 25	21 15	28 19	4 31	17 25	0n 1	17 33	1 25	25 14	3 27	18 34	1 33	9 33	2 3	16 43	0 48	20 52	1 5	5 32	14 7	10 30	10 28	25 4		n.a.
W26	21 3	27 42	4 55	16 45	0 14	17 9	1 24	25 13	3 26	18 36	1 33	9 34	2 3	16 44	0 48	20 52	1 5	5 33	14 7	10 26	10 26	25 6		n.a.
T 27	20 51	25 8	4 59	16 5	0 27	16 44	1 23	25 12	3 25	18 38	1 33	9 35	2 3	16 45	0 48	20 53	1 5	5 33	14 7	10 21	10 25	25 7		n.a.
F 28	20 39	21 0	4 44	15 26	0 41	16 20	1 22	25 11	3 24	18 40	1 33	9 36	2 3	16 45	0 48	20 53	1 5	5 33	14 8	10 17	10 24	25 9		n.a.
S 29	20 26	15 45	4 11	14 48	0 56	15 55	1 21	25 10	3 23	18 43	1 33	9 37	2 2	16 46	0 48	20 53	1 5	5 34	14 8	10 13	10 23	25 11		n.a.
S 30	20 13	9 53	3 25	14 11	1 10	15 29	1 20	25 9	3 22	18 45	1 33	9 38	2 2	16 47	0 48	20 53	1 5	5 34	14 9	10 10	10 22	25 13		n.a.
M31	19s59	3n46	2n29	13s35	1n25	15s 3	1s18	25n 9	3n20	18n47	1n33	9n39	2s 2	16n48	0n48	20s53	1n 5	5n35	14n 9	10n 8	10n21	25s15		n.a.

Julian Day Number = 1365669.5, Delta T = 06h55m05s
Ecliptic obliquity = 23°48'49, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°31'21, Lahiri = -17°24'21 Julian Calendar 1 Jan. 974 BCE == Greg. Calendar 23 Dec. 975 BCE

The year -973 astronomical counting style corresponds to year 974 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 974 BCE
geocentric

FEBRUARY 974 BCE (-973) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 4 58	3♒ 9'40	9♎ 6	21♒21	24♒58	7♊17	12°R27	29♈46	16°R49	7♐54	18°R51	25°R48	26♈21	7♐37	n.a.	T 1
W 2	8 8 55	4° 9'30	21°31	22°15	26°12	7°22	12♌20	29°48	16♌47	7°55	18♎51	25°D47	26°18	7°44	n.a.	W 2
T 3	8 12 51	5° 9'18	3♏38	23° 0	27°26	7°27	12°12	29°51	16°44	7°57	18°51	25°R47	26°14	7°50	n.a.	T 3
F 4	8 16 48	6° 9'04	15°34	23°37	28°40	7°33	12° 4	29°54	16°42	7°58	18°51	25♈47	26°11	7°57	n.a.	F 4
S 5	8 20 44	7° 8'49	27°23	24° 6	29°54	7°40	11°56	29°57	16°39	8° 0	18°51	25°45	26° 8	8° 4	n.a.	S 5
S 6	8 24 41	8° 8'31	9♐11	24°27	1♓ 8	7°48	11°49	29°59	16°37	8° 1	18°51	25°41	26° 5	8°10	n.a.	S 6
M 7	8 28 37	9° 8'12	21° 3	24°38	2°22	7°56	11°41	0♉ 3	16°34	8° 2	18°50	25°35	26° 2	8°17	n.a.	M 7
T 8	8 32 34	10° 7'51	3♑ 3	24°R42	3°35	8° 4	11°33	0° 6	16°32	8° 4	18°50	25°25	25°59	8°24	n.a.	T 8
W 9	8 36 30	11° 7'28	15°13	24°37	4°49	8°13	11°25	0° 9	16°29	8° 5	18°50	25°14	25°55	8°30	n.a.	W 9
T 10	8 40 27	12° 7'02	27°35	24°23	6° 3	8°23	11°18	0°13	16°26	8° 6	18°49	25° 1	25°52	8°37	n.a.	T 10
F 11	8 44 23	13° 6'35	10♒10	24° 3	7°17	8°34	11°10	0°16	16°24	8° 7	18°49	24°48	25°49	8°44	n.a.	F 11
S 12	8 48 20	14° 6'05	22°58	23°35	8°30	8°45	11° 2	0°20	16°21	8° 9	18°49	24°36	25°46	8°51	n.a.	S 12
S 13	8 52 17	15° 5'33	5♓59	23° 1	9°44	8°56	10°54	0°24	16°19	8°10	18°48	24°26	25°43	8°57	n.a.	S 13
M14	8 56 13	16° 4'59	19°11	22°21	10°57	9° 8	10°46	0°27	16°16	8°11	18°48	24°18	25°39	9° 4	n.a.	M14
T 15	9 0 10	17° 4'23	2♈34	21°36	12°11	9°21	10°39	0°31	16°13	8°12	18°47	24°14	25°36	9°11	n.a.	T 15
W16	9 4 6	18° 3'44	16° 7	20°48	13°24	9°34	10°31	0°35	16°11	8°13	18°47	24°12	25°33	9°17	n.a.	W16
T 17	9 8 3	19° 3'02	29°50	19°58	14°38	9°47	10°23	0°39	16° 8	8°14	18°46	24°D12	25°30	9°24	n.a.	T 17
F 18	9 11 59	20° 2'18	13♉43	19° 5	15°51	10° 1	10°16	0°43	16° 5	8°15	18°45	24°R12	25°27	9°31	n.a.	F 18
S 19	9 15 56	21° 1'32	27°47	18°13	17° 5	10°16	10° 8	0°48	16° 3	8°16	18°45	24°12	25°24	9°37	n.a.	S 19
S 20	9 19 52	22° 0'44	12♊ 1	17°21	18°18	10°31	10° 1	0°52	16° 0	8°17	18°44	24°11	25°20	9°44	n.a.	S 20
M21	9 23 49	22°59'52	26°22	16°31	19°31	10°47	9°53	0°57	15°58	8°18	18°43	24° 7	25°17	9°51	n.a.	M21
T 22	9 27 46	23°58'59	10♋48	15°43	20°44	11° 3	9°46	1° 1	15°55	8°19	18°43	24° 0	25°14	9°57	n.a.	T 22
W23	9 31 42	24°58'03	25°13	14°59	21°58	11°19	9°39	1° 6	15°53	8°20	18°42	23°52	25°11	10° 4	n.a.	W23
T 24	9 35 39	25°57'05	9♌33	14°19	23°11	11°36	9°31	1°10	15°50	8°21	18°41	23°43	25° 8	10°11	n.a.	T 24
F 25	9 39 35	26°56'04	23°41	13°43	24°24	11°53	9°24	1°15	15°47	8°21	18°40	23°33	25° 5	10°17	n.a.	F 25
S 26	9 43 32	27°55'01	7♍31	13°12	25°37	12°11	9°17	1°20	15°45	8°22	18°39	23°25	25° 1	10°24	n.a.	S 26
S 27	9 47 28	28°53'56	21° 1	12°46	26°50	12°29	9°10	1°25	15°42	8°23	18°39	23°19	24°58	10°31	n.a.	S 27
M28	9 51 25	29♒52'49	4♎ 8	12♒26	28♓ 2	12♊47	9♌ 3	1♉30	15♌40	8♐24	18♎38	23♈15	24♈55	10♐37	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s45	2s20	1n27	13s 2	1n40	14s37	1s17	25n 8	3n19	18n50	1n34	9n40	2s 1	16n48	0n48	20s54	1n 5	5n35	14n10	10n 7	10n19	25s16		n.a.
W 2	19 31	8 10	0 23	12 31	1 54	14 10	1 16	25 8	3 18	18 52	1 34	9 41	2 1	16 49	0 49	20 54	1 5	5 35	14 10	10 7	10 18	25 18		n.a.
T 3	19 17	13 34	0s41	12 2	2 9	13 43	1 14	25 8	3 17	18 54	1 34	9 43	2 1	16 50	0 49	20 54	1 5	5 36	14 10	10 7	10 17	25 20		n.a.
F 4	19 2	18 23	1 43	11 37	2 23	13 15	1 13	25 7	3 15	18 57	1 34	9 44	2 0	16 51	0 49	20 54	1 5	5 36	14 11	10 7	10 16	25 22		n.a.
S 5	18 46	22 28	2 39	11 14	2 36	12 47	1 11	25 7	3 14	18 59	1 34	9 45	2 0	16 52	0 49	20 55	1 5	5 37	14 11	10 6	10 15	25 23		n.a.
S 6	18 31	25 36	3 28	10 55	2 49	12 19	1 9	25 7	3 13	19 1	1 34	9 47	2 0	16 52	0 49	20 55	1 5	5 37	14 12	10 5	10 14	25 25		n.a.
M 7	18 15	27 39	4 9	10 40	3 1	11 51	1 8	25 7	3 12	19 3	1 34	9 48	2 0	16 53	0 49	20 55	1 5	5 37	14 12	10 2	10 12	25 27		n.a.
T 8	17 59	28 25	4 39	10 29	3 12	11 22	1 6	25 8	3 10	19 6	1 34	9 49	1 59	16 54	0 49	20 55	1 5	5 38	14 12	9 59	10 11	25 29		n.a.
W 9	17 42	27 50	4 56	10 21	3 22	10 53	1 4	25 8	3 9	19 8	1 34	9 51	1 59	16 55	0 49	20 55	1 5	5 38	14 13	9 55	10 10	25 30		n.a.
T 10	17 26	25 52	5 1	10 18	3 30	10 24	1 2	25 8	3 8	19 10	1 35	9 52	1 59	16 56	0 49	20 55	1 5	5 39	14 13	9 50	10 9	25 32		n.a.
F 11	17 9	22 37	4 50	10 18	3 37	9 54	1 0	25 9	3 7	19 13	1 35	9 54	1 59	16 56	0 49	20 56	1 6	5 39	14 13	9 45	10 8	25 34		n.a.
S 12	16 51	18 14	4 25	10 23	3 42	9 24	0 58	25 9	3 5	19 15	1 35	9 55	1 58	16 57	0 49	20 56	1 6	5 40	14 14	9 41	10 6	25 36		n.a.
S 13	16 34	12 57	3 46	10 30	3 46	8 54	0 56	25 10	3 4	19 17	1 35	9 57	1 58	16 58	0 49	20 56	1 6	5 40	14 14	9 37	10 5	25 37		n.a.
M14	16 16	7 1	2 55	10 42	3 48	8 24	0 54	25 11	3 3	19 19	1 35	9 58	1 58	16 59	0 49	20 56	1 6	5 41	14 15	9 34	10 4	25 39		n.a.
T 15	15 58	0 41	1 52	10 56	3 47	7 54	0 52	25 11	3 2	19 21	1 35	10 0	1 57	17 0	0 49	20 56	1 6	5 41	14 15	9 32	10 3	25 41		n.a.
W16	15 39	5n47	0 43	11 14	3 45	7 23	0 50	25 12	3 0	19 24	1 35	10 2	1 57	17 0	0 49	20 56	1 6	5 42	14 15	9 32	10 2	25 42		n.a.
T 17	15 21	12 3	0n30	11 33	3 42	6 52	0 48	25 13	2 59	19 26	1 35	10 3	1 57	17 1	0 49	20 57	1 6	5 43	14 16	9 32	10 1	25 44		n.a.
F 18	15 2	17 49	1 42	11 55	3 36	6 21	0 45	25 14	2 58	19 28	1 35	10 5	1 57	17 2	0 49	20 57	1 6	5 43	14 16	9 32	9 59	25 46		n.a.
S 19	14 43	22 43	2 49	12 18	3 28	5 50	0 43	25 15	2 57	19 30	1 35	10 7	1 56	17 3	0 49	20 57	1 6	5 44	14 16	9 32	9 58	25 47		n.a.
S 20	14 23	26 19	3 46	12 43	3 19	5 19	0 40	25 16	2 55	19 32	1 35	10 9	1 56	17 4	0 49	20 57	1 6	5 44	14 17	9 31	9 57	25 49		n.a.
M21	14 4	28 15	4 30	13 8	3 9	4 48	0 38	25 17	2 54	19 34	1 35	10 11	1 56	17 4	0 49	20 57	1 6	5 45	14 17	9 30	9 56	25 51		n.a.
T 22	13 44	28 17	4 56	13 33	2 57	4 16	0 36	25 18	2 53	19 36	1 35	10 12	1 56	17 5	0 49	20 57	1 6	5 45	14 17	9 27	9 55	25 52		n.a.
W23	13 24	26 24	5 4	13 58	2 45	3 44	0 33	25 19	2 52	19 38	1 35	10 14	1 55	17 6	0 49	20 57	1 6	5 46	14 18	9 24	9 54	25 54		n.a.
T 24	13 4	22 50	4 53	14 23	2 31	3 13	0 30	25 20	2 51	19 40	1 35	10 16	1 55	17 7	0 49	20 57	1 6	5 47	14 18	9 21	9 52	25 56		n.a.
F 25	12 44	17 58	4 24	14 47	2 17	2 41	0 28	25 22	2 49	19 42	1 35	10 18	1 55	17 7	0 49	20 58	1 6	5 47	14 18	9 17	9 51	25 57		n.a.
S 26	12 23	12 16	3 39	15 10	2 2	2 9	0 25	25 23	2 48	19 44	1 35	10 20	1 55	17 8	0 49	20 58	1 6	5 48	14 19	9 14	9 50	25 59		n.a.
S 27	12 2	6 7	2 44	15 32	1 47	1 37	0 22	25 24	2 47	19 46	1 35	10 22	1 54	17 9	0 49	20 58	1 6	5 48	14 19	9 12	9 49	26 1		n.a.
M28	11s41	0s 8	1n41	15s52	1n32	1s 5	0s20	25n25	2n46	19n48	1n35	10n24	1s54	17n10	0n49	20s58	1n 6	5n49	14n19	9n10	9n48	26s 2		n.a.

Julian Day Number = 1365700.5, Delta T = 06h55m03s
Ecliptic obliquity = 23°48'49, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°31'17, Lahiri = -17°24'16 Julian Calendar 1 Feb. 974 BCE == Greg. Calendar 23 Jan. 974 BCE

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ASTRODIENST EPHEMERIS for the year 974 BCE
geocentric

MARCH 974 BCE (-973) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 55 21	0♓51'40	16♎53	12°R12	29♓15	13♊ 6	8°R56	1♉35	15°R37	8♐24	18°R37	23°R13	24♈52	10♐44	n.a.	T 1
W 2	9 59 18	1°50'29	29°19	12♒ 3	0♈28	13°25	8♌50	1°40	15♌35	8°25	18♎36	23°D13	24°49	10°51	n.a.	W 2
T 3	10 3 14	2°49'16	11♏29	11°D59	1°41	13°45	8°43	1°46	15°32	8°26	18°35	23♈14	24°45	10°58	n.a.	T 3
F 4	10 7 11	3°48'01	23°27	12° 1	2°53	14° 5	8°37	1°51	15°30	8°26	18°34	23°15	24°42	11° 4	n.a.	F 4
S 5	10 11 8	4°46'45	5♐19	12° 8	4° 6	14°25	8°30	1°56	15°28	8°27	18°33	23°R16	24°39	11°11	n.a.	S 5
S 6	10 15 4	5°45'27	17°10	12°20	5°19	14°46	8°24	2° 2	15°25	8°27	18°32	23°15	24°36	11°18	n.a.	S 6
M 7	10 19 1	6°44'06	29° 4	12°37	6°31	15° 7	8°18	2° 7	15°23	8°28	18°30	23°12	24°33	11°24	n.a.	M 7
T 8	10 22 57	7°42'45	11♑ 7	12°59	7°43	15°28	8°12	2°13	15°20	8°28	18°29	23° 8	24°30	11°31	n.a.	T 8
W 9	10 26 54	8°41'21	23°22	13°26	8°56	15°50	8° 6	2°19	15°18	8°28	18°28	23° 1	24°26	11°38	n.a.	W 9
T 10	10 30 50	9°39'55	5♒52	13°56	10° 8	16°12	8° 0	2°24	15°16	8°29	18°27	22°54	24°23	11°44	n.a.	T 10
F 11	10 34 47	10°38'27	18°39	14°31	11°20	16°34	7°54	2°30	15°14	8°29	18°26	22°46	24°20	11°51	n.a.	F 11
S 12	10 38 43	11°36'58	1♓44	15°10	12°33	16°57	7°49	2°36	15°11	8°29	18°25	22°39	24°17	11°58	n.a.	S 12
S 13	10 42 40	12°35'26	15° 4	15°53	13°45	17°20	7°44	2°42	15° 9	8°30	18°23	22°34	24°14	12° 4	n.a.	S 13
M14	10 46 37	13°33'53	28°40	16°39	14°57	17°43	7°38	2°48	15° 7	8°30	18°22	22°30	24°11	12°11	n.a.	M14
T 15	10 50 33	14°32'17	12♈28	17°28	16° 9	18° 6	7°33	2°54	15° 5	8°30	18°21	22°27	24° 7	12°18	n.a.	T 15
W16	10 54 30	15°30'39	26°25	18°21	17°21	18°30	7°28	3° 0	15° 3	8°30	18°20	22°D27	24° 4	12°24	n.a.	W16
T 17	10 58 26	16°28'59	10♉29	19°17	18°33	18°54	7°24	3° 7	15° 0	8°31	18°18	22°28	24° 1	12°31	n.a.	T 17
F 18	11 2 23	17°27'17	24°37	20°16	19°45	19°18	7°19	3°13	14°58	8°31	18°17	22°29	23°58	12°38	n.a.	F 18
S 19	11 6 19	18°25'33	8♊48	21°18	20°56	19°43	7°15	3°19	14°56	8°31	18°16	22°31	23°55	12°45	n.a.	S 19
S 20	11 10 16	19°23'47	22°59	22°23	22° 8	20° 8	7°10	3°26	14°54	8°31	18°14	22°R31	23°51	12°51	n.a.	S 20
M21	11 14 12	20°21'58	7♋ 9	23°30	23°20	20°33	7° 6	3°32	14°52	8°R31	18°13	22°30	23°48	12°58	n.a.	M21
T 22	11 18 9	21°20'07	21°16	24°39	24°31	20°58	7° 2	3°39	14°50	8°31	18°11	22°27	23°45	13° 5	n.a.	T 22
W23	11 22 5	22°18'14	5♌16	25°52	25°43	21°24	6°59	3°45	14°49	8°31	18°10	22°24	23°42	13°11	n.a.	W23
T 24	11 26 2	23°16'19	19° 8	27° 6	26°54	21°50	6°55	3°52	14°47	8°31	18° 8	22°19	23°39	13°18	n.a.	T 24
F 25	11 29 59	24°14'22	2♍47	28°23	28° 5	22°16	6°52	3°59	14°45	8°30	18° 7	22°15	23°36	13°25	n.a.	F 25
S 26	11 33 55	25°12'23	16°13	29°42	29°17	22°42	6°48	4° 5	14°43	8°30	18° 5	22°11	23°32	13°31	n.a.	S 26
S 27	11 37 52	26°10'22	29°23	1♓ 3	0♉28	23° 8	6°45	4°12	14°41	8°30	18° 4	22° 8	23°29	13°38	n.a.	S 27
M28	11 41 48	27° 8'19	12♎15	2°27	1°39	23°35	6°42	4°19	14°40	8°30	18° 2	22° 7	23°26	13°45	n.a.	M28
T 29	11 45 45	28° 6'15	24°52	3°52	2°50	24° 2	6°40	4°26	14°38	8°30	18° 1	22°D 7	23°23	13°51	n.a.	T 29
W30	11 49 41	29° 4'09	7♏12	5°20	4° 1	24°29	6°37	4°33	14°36	8°29	17°59	22° 7	23°20	13°58	n.a.	W30
T 31	11 53 38	0♈ 2'02	19♏20	6♓50	5♉12	24♊56	6♌35	4♉40	14♌35	8♐29	17♎58	22♈ 9	23♈16	14♐ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s20	6s13	0n34	16s11	1n17	0s34	0s17	25n27	2n45	19n49	1n35	10n26	1s54	17n10	0n49	20s58	1n 6	5n50	14n20	9n 9	9n46	26s 4			n.a.
W 2	10 59	11 55	0s33	16 28	1 1	0 2	0 14	25 28	2 43	19 51	1 35	10 28	1 54	17 11	0 49	20 58	1 6	5 50	14 20	9 9	9 45	26 5			n.a.
T 3	10 38	17 3	1 37	16 43	0 46	0n30	0 11	25 29	2 42	19 53	1 35	10 30	1 53	17 12	0 49	20 58	1 6	5 51	14 20	9 10	9 44	26 7			n.a.
F 4	10 16	21 26	2 36	16 57	0 32	1 2	0 8	25 31	2 41	19 55	1 34	10 32	1 53	17 13	0 49	20 58	1 6	5 52	14 21	9 10	9 43	26 9			n.a.
S 5	9 54	24 55	3 27	17 9	0 17	1 34	0 5	25 32	2 40	19 56	1 34	10 34	1 53	17 13	0 49	20 58	1 6	5 52	14 21	9 11	9 42	26 10			n.a.
S 6	9 33	27 19	4 10	17 19	0 3	2 6	0 3	25 33	2 39	19 58	1 34	10 36	1 53	17 14	0 49	20 58	1 6	5 53	14 21	9 10	9 41	26 12			n.a.
M 7	9 11	28 30	4 42	17 27	0s10	2 38	0n 0	25 35	2 38	19 59	1 34	10 38	1 52	17 15	0 48	20 58	1 6	5 54	14 21	9 9	9 39	26 13			n.a.
T 8	8 49	28 21	5 2	17 33	0 23	3 10	0 3	25 36	2 36	20 1	1 34	10 41	1 52	17 15	0 48	20 58	1 6	5 54	14 22	9 7	9 38	26 15			n.a.
W 9	8 26	26 49	5 8	17 37	0 35	3 41	0 6	25 37	2 35	20 2	1 34	10 43	1 52	17 16	0 48	20 58	1 6	5 55	14 22	9 5	9 37	26 16			n.a.
T 10	8 4	23 57	5 1	17 39	0 47	4 13	0 9	25 39	2 34	20 4	1 34	10 45	1 52	17 17	0 48	20 58	1 6	5 56	14 22	9 2	9 36	26 18			n.a.
F 11	7 42	19 52	4 38	17 40	0 59	4 45	0 12	25 40	2 33	20 5	1 34	10 47	1 52	17 18	0 48	20 58	1 6	5 56	14 22	9 0	9 35	26 19			n.a.
S 12	7 19	14 45	4 0	17 38	1 9	5 16	0 15	25 41	2 32	20 7	1 34	10 49	1 51	17 18	0 48	20 58	1 6	5 57	14 23	8 57	9 33	26 21			n.a.
S 13	6 56	8 52	3 9	17 35	1 19	5 47	0 18	25 42	2 31	20 8	1 34	10 52	1 51	17 19	0 48	20 58	1 6	5 58	14 23	8 55	9 32	26 23			n.a.
M14	6 34	2 27	2 6	17 30	1 29	6 19	0 22	25 43	2 30	20 9	1 34	10 54	1 51	17 19	0 48	20 59	1 6	5 58	14 23	8 53	9 31	26 24			n.a.
T 15	6 11	4n10	0 54	17 23	1 38	6 50	0 25	25 44	2 29	20 10	1 33	10 56	1 51	17 20	0 48	20 59	1 6	5 59	14 23	8 52	9 30	26 26			n.a.
W16	5 48	10 41	0n22	17 14	1 46	7 20	0 28	25 46	2 28	20 11	1 33	10 59	1 51	17 21	0 48	20 59	1 6	6 0	14 23	8 52	9 29	26 27			n.a.
T 17	5 25	16 43	1 37	17 4	1 53	7 51	0 31	25 47	2 27	20 13	1 33	11 1	1 50	17 21	0 48	20 59	1 6	6 0	14 24	8 53	9 28	26 29			n.a.
F 18	5 2	21 54	2 46	16 51	2 1	8 22	0 34	25 48	2 26	20 14	1 33	11 3	1 50	17 22	0 48	20 58	1 6	6 1	14 24	8 53	9 26	26 30			n.a.
S 19	4 39	25 50	3 46	16 37	2 7	8 52	0 37	25 49	2 25	20 15	1 33	11 6	1 50	17 23	0 48	20 58	1 6	6 2	14 24	8 54	9 25	26 31			n.a.
S 20	4 16	28 9	4 32	16 21	2 13	9 22	0 40	25 49	2 23	20 16	1 33	11 8	1 50	17 23	0 48	20 58	1 6	6 2	14 24	8 54	9 24	26 33			n.a.
M21	3 52	28 38	5 1	16 4	2 18	9 52	0 43	25 50	2 22	20 17	1 33	11 10	1 50	17 24	0 48	20 58	1 6	6 3	14 24	8 53	9 23	26 34			n.a.
T 22	3 29	27 14	5 12	15 44	2 23	10 22	0 46	25 51	2 21	20 17	1 32	11 13	1 49	17 24	0 48	20 58	1 7	6 4	14 25	8 52	9 22	26 36			n.a.
W23	3 6	24 10	5 4	15 23	2 26	10 51	0 49	25 52	2 20	20 18	1 32	11 15	1 49	17 25	0 48	20 58	1 7	6 4	14 25	8 51	9 20	26 37			n.a.
T 24	2 43	19 43	4 39	15 1	2 30	11 20	0 52	25 53	2 19	20 19	1 32	11 18	1 49	17 25	0 48	20 58	1 7	6 5	14 25	8 49	9 19	26 39			n.a.
F 25	2 19	14 20	3 58	14 36	2 33	11 49	0 56	25 53	2 18	20 20	1 32	11 20	1 49	17 26	0 48	20 58	1 7	6 6	14 25	8 48	9 18	26 40			n.a.
S 26	1 56	8 20	3 4	14 10	2 35	12 18	0 59	25 54	2 17	20 20	1 32	11 23	1 49	17 26	0 48	20 58	1 7	6 6	14 25	8 46	9 17	26 42			n.a.
S 27	1 33	2 6	2 2	13 42	2 36	12 46	1 2	25 54	2 16	20 21	1 32	11 25	1 48	17 27	0 48	20 58	1 7	6 7	14 25	8 45	9 16	26 43			n.a.
M28	1 9	4s 6	0 54	13 12	2 37	13 14	1 5	25 54	2 15	20 22	1 31	11 28	1 48	17 27	0 48	20 58	1 7	6 8	14 25	8 45	9 14	26 44			n.a.
T 29	0 46	10 0	0s15	12 41	2 38	13 42	1 8	25 55	2 14	20 22	1 31	11 30	1 48	17 28	0 48	20 58	1 7	6 8	14 26	8 44	9 13	26 46			n.a.
W30	0 23	15 25	1 22	12 8	2 38	14 9	1 11	25 55	2 13	20 23	1 31	11 33	1 48	17 28	0 48	20 58	1 7	6 9	14 26	8 45	9 12	26 47			n.a.
T 31	0n 1	20s 9	2s24	11s34	2s37	14n37	1n14	25n55	2n12	20n23	1n31	11n35	1s48	17n29	0n48	20s58	1n 7	6n10	14n26	8n45	9n11	26s49			n.a.

Julian Day Number = 1365728.5, Delta T = 06h55m02s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°31'13, Lahiri = -17°24'13 Julian Calendar 1 March 974 BCE == Greg. Calendar 20 Feb. 974 BCE

The year -973 astronomical counting style corresponds to year 974 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 974 BCE
geocentric

APRIL 974 BCE (-973) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 57 34	0♈59'53	1♐19	8♓22	6♉22	25♊24	6°R32	4♉47	14°R33	8°R29	17°R56	22♈10	23♈13	14♐12	n.a.	F 1
S 2	12 1 31	1°57'43	13°12	9°56	7°33	25°51	6♌30	4°54	14♌32	8♐28	17♎55	22°12	23°10	14°18	n.a.	S 2
S 3	12 5 28	2°55'32	25° 3	11°31	8°44	26°19	6°29	5° 1	14°30	8°28	17°53	22°13	23° 7	14°25	n.a.	S 3
M 4	12 9 24	3°53'19	6♑59	13° 9	9°54	26°47	6°27	5° 8	14°29	8°27	17°52	22°R13	23° 4	14°32	n.a.	M 4
T 5	12 13 21	4°51'05	19° 2	14°49	11° 5	27°16	6°25	5°15	14°27	8°27	17°50	22°12	23° 1	14°38	n.a.	T 5
W 6	12 17 17	5°48'49	1♒19	16°31	12°15	27°44	6°24	5°22	14°26	8°27	17°48	22°11	22°57	14°45	n.a.	W 6
T 7	12 21 14	6°46'33	13°52	18°15	13°25	28°13	6°23	5°29	14°25	8°26	17°47	22° 9	22°54	14°52	n.a.	T 7
F 8	12 25 10	7°44'15	26°44	20° 1	14°35	28°42	6°22	5°37	14°24	8°25	17°45	22° 7	22°51	14°58	n.a.	F 8
S 9	12 29 7	8°41'55	9♓58	21°49	15°45	29°11	6°21	5°44	14°22	8°25	17°43	22° 5	22°48	15° 5	n.a.	S 9
S 10	12 33 3	9°39'35	23°33	23°39	16°55	29°40	6°21	5°51	14°21	8°24	17°42	22° 4	22°45	15°12	n.a.	S 10
M11	12 37 0	10°37'13	7♈28	25°31	18° 5	0♋ 9	6°20	5°59	14°20	8°24	17°40	22° 3	22°42	15°18	n.a.	M11
T 12	12 40 57	11°34'49	21°40	27°24	19°15	0°39	6°20	6° 6	14°19	8°23	17°39	22°D 2	22°38	15°25	n.a.	T 12
W13	12 44 53	12°32'24	6♉ 4	29°20	20°25	1° 8	6°D20	6°14	14°18	8°22	17°37	22° 3	22°35	15°32	n.a.	W13
T 14	12 48 50	13°29'58	20°35	1♈18	21°34	1°38	6°20	6°21	14°17	8°21	17°35	22° 3	22°32	15°39	n.a.	T 14
F 15	12 52 46	14°27'31	5♊ 7	3°18	22°44	2° 8	6°21	6°29	14°16	8°21	17°34	22° 4	22°29	15°45	n.a.	F 15
S 16	12 56 43	15°25'02	19°35	5°19	23°53	2°38	6°21	6°36	14°15	8°20	17°32	22° 4	22°26	15°52	n.a.	S 16
S 17	13 0 39	16°22'31	3♋56	7°22	25° 3	3° 9	6°22	6°44	14°15	8°19	17°30	22° 5	22°22	15°59	n.a.	S 17
M18	13 4 36	17°19'59	18° 6	9°27	26°12	3°39	6°23	6°51	14°14	8°18	17°29	22°R 5	22°19	16° 5	n.a.	M18
T 19	13 8 32	18°17'25	2♌ 4	11°33	27°21	4°10	6°24	6°59	14°13	8°17	17°27	22° 5	22°16	16°12	n.a.	T 19
W20	13 12 29	19°14'50	15°47	13°41	28°30	4°40	6°25	7° 7	14°13	8°17	17°25	22° 5	22°13	16°19	n.a.	W20
T 21	13 16 26	20°12'13	29°17	15°50	29°39	5°11	6°27	7°14	14°12	8°16	17°24	22° 4	22°10	16°25	n.a.	T 21
F 22	13 20 22	21° 9'35	12♍32	18° 0	0♊47	5°42	6°28	7°22	14°11	8°15	17°22	22° 4	22° 7	16°32	n.a.	F 22
S 23	13 24 19	22° 6'56	25°33	20°11	1°56	6°14	6°30	7°30	14°11	8°14	17°20	22°D 4	22° 3	16°39	n.a.	S 23
S 24	13 28 15	23° 4'16	8♎20	22°22	3° 5	6°45	6°32	7°37	14°11	8°13	17°19	22° 4	22° 0	16°46	n.a.	S 24
M25	13 32 12	24° 1'34	20°54	24°34	4°13	7°16	6°34	7°45	14°10	8°12	17°17	22°R 4	21°57	16°52	n.a.	M25
T 26	13 36 8	24°58'51	3♏17	26°45	5°21	7°48	6°36	7°53	14°10	8°11	17°15	22° 4	21°54	16°59	n.a.	T 26
W27	13 40 5	25°56'08	15°28	28°57	6°29	8°19	6°39	8° 1	14°10	8°10	17°14	22° 4	21°51	17° 6	n.a.	W27
T 28	13 44 1	26°53'24	27°31	1♉ 8	7°37	8°51	6°41	8° 9	14° 9	8° 8	17°12	22° 4	21°48	17°12	n.a.	T 28
F 29	13 47 58	27°50'39	9♐27	3°18	8°45	9°23	6°44	8°16	14° 9	8° 7	17°10	22° 3	21°44	17°19	n.a.	F 29
S 30	13 51 55	28♈47'53	21♐19	5♉27	9♊53	9♋55	6♌47	8♉24	14♌ 9	8♐ 6	17♎ 9	22♈ 2	21♈41	17♐26	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n24	24s 0	3s19	10s58	2s36	15n 3	1n17	25n55	2n11	20n23	1n31	11n38	1s48	17n29	0n48	20s58	1n 7	6n10	14n26	8n46	9n10	26s50		n.a.
S 2	0 48	26 48	4 5	10 20	2 34	15 30	1 19	25 55	2 10	20 24	1 31	11 40	1 47	17 30	0 48	20 58	1 7	6 11	14 26	8 46	9 8	26 51		n.a.
S 3	1 11	28 24	4 41	9 41	2 31	15 56	1 22	25 55	2 9	20 24	1 30	11 43	1 47	17 30	0 48	20 58	1 7	6 12	14 26	8 47	9 7	26 53		n.a.
M 4	1 34	28 42	5 4	9 0	2 28	16 21	1 25	25 55	2 8	20 24	1 30	11 45	1 47	17 30	0 48	20 58	1 7	6 12	14 26	8 47	9 6	26 54		n.a.
T 5	1 57	27 38	5 15	8 17	2 25	16 46	1 28	25 55	2 8	20 25	1 30	11 48	1 47	17 31	0 48	20 57	1 7	6 13	14 26	8 47	9 5	26 55		n.a.
W 6	2 21	25 14	5 12	7 33	2 20	17 11	1 31	25 54	2 7	20 25	1 30	11 50	1 47	17 31	0 48	20 57	1 7	6 14	14 26	8 46	9 4	26 57		n.a.
T 7	2 44	21 36	4 53	6 48	2 16	17 36	1 33	25 54	2 6	20 25	1 30	11 53	1 47	17 31	0 48	20 57	1 7	6 14	14 26	8 45	9 2	26 58		n.a.
F 8	3 7	16 51	4 20	6 0	2 10	18 0	1 36	25 53	2 5	20 25	1 29	11 56	1 47	17 32	0 48	20 57	1 7	6 15	14 26	8 45	9 1	26 59		n.a.
S 9	3 30	11 13	3 32	5 12	2 5	18 23	1 39	25 52	2 4	20 25	1 29	11 58	1 46	17 32	0 48	20 57	1 7	6 16	14 26	8 44	9 0	27 1		n.a.
S 10	3 53	4 54	2 31	4 22	1 58	18 46	1 41	25 52	2 3	20 25	1 29	12 1	1 46	17 32	0 48	20 57	1 7	6 16	14 26	8 43	8 59	27 2		n.a.
M11	4 16	1n48	1 20	3 31	1 51	19 9	1 44	25 51	2 2	20 25	1 29	12 3	1 46	17 33	0 48	20 57	1 7	6 17	14 26	8 43	8 58	27 3		n.a.
T 12	4 39	8 33	0 2	2 38	1 44	19 31	1 46	25 50	2 1	20 25	1 29	12 6	1 46	17 33	0 48	20 57	1 7	6 17	14 26	8 43	8 56	27 5		n.a.
W13	5 2	14 57	1n17	1 44	1 36	19 53	1 49	25 49	2 0	20 24	1 28	12 9	1 46	17 33	0 48	20 57	1 7	6 18	14 26	8 43	8 55	27 6		n.a.
T 14	5 25	20 36	2 32	0 49	1 28	20 14	1 51	25 47	1 59	20 24	1 28	12 11	1 46	17 33	0 47	20 56	1 7	6 19	14 26	8 43	8 54	27 7		n.a.
F 15	5 47	25 2	3 37	0n 7	1 19	20 34	1 54	25 46	1 58	20 24	1 28	12 14	1 46	17 34	0 47	20 56	1 7	6 19	14 26	8 43	8 53	27 9		n.a.
S 16	6 10	27 50	4 27	1 4	1 10	20 54	1 56	25 45	1 57	20 24	1 28	12 16	1 45	17 34	0 47	20 56	1 7	6 20	14 26	8 44	8 52	27 10		n.a.
S 17	6 32	28 46	5 1	2 3	1 1	21 14	1 58	25 43	1 57	20 23	1 28	12 19	1 45	17 34	0 47	20 56	1 7	6 20	14 26	8 44	8 50	27 11		n.a.
M18	6 55	27 47	5 16	3 1	0 51	21 33	2 0	25 41	1 56	20 23	1 27	12 22	1 45	17 34	0 47	20 56	1 7	6 21	14 26	8 44	8 49	27 12		n.a.
T 19	7 17	25 4	5 12	4 1	0 41	21 52	2 2	25 40	1 55	20 22	1 27	12 24	1 45	17 34	0 47	20 56	1 7	6 21	14 26	8 44	8 48	27 14		n.a.
W20	7 39	20 58	4 50	5 1	0 31	22 9	2 4	25 38	1 54	20 22	1 27	12 27	1 45	17 35	0 47	20 55	1 7	6 22	14 26	8 44	8 47	27 15		n.a.
T 21	8 1	15 50	4 13	6 1	0 20	22 27	2 6	25 36	1 53	20 21	1 27	12 30	1 45	17 35	0 47	20 55	1 7	6 23	14 26	8 44	8 46	27 16		n.a.
F 22	8 23	10 4	3 22	7 1	0 10	22 44	2 8	25 33	1 52	20 21	1 27	12 32	1 45	17 35	0 47	20 55	1 7	6 23	14 26	8 44	8 44	27 17		n.a.
S 23	8 45	3 58	2 22	8 1	0n 1	23 0	2 10	25 31	1 51	20 20	1 26	12 35	1 45	17 35	0 47	20 55	1 7	6 24	14 25	8 44	8 43	27 18		n.a.
S 24	9 6	2s12	1 15	9 1	0 12	23 15	2 12	25 29	1 50	20 19	1 26	12 38	1 44	17 35	0 47	20 55	1 7	6 24	14 25	8 44	8 42	27 20		n.a.
M25	9 28	8 11	0 6	10 0	0 22	23 30	2 14	25 26	1 50	20 18	1 26	12 40	1 44	17 35	0 47	20 55	1 7	6 25	14 25	8 44	8 41	27 21		n.a.
T 26	9 49	13 46	1s 2	10 58	0 32	23 45	2 15	25 23	1 49	20 18	1 26	12 43	1 44	17 35	0 47	20 54	1 7	6 25	14 25	8 44	8 40	27 22		n.a.
W27	10 10	18 44	2 6	11 56	0 42	23 58	2 17	25 20	1 48	20 17	1 26	12 45	1 44	17 35	0 47	20 54	1 7	6 26	14 25	8 43	8 38	27 23		n.a.
T 28	10 31	22 54	3 4	12 52	0 52	24 12	2 18	25 17	1 47	20 16	1 25	12 48	1 44	17 35	0 47	20 54	1 7	6 26	14 25	8 43	8 37	27 24		n.a.
F 29	10 52	26 3	3 53	13 46	1 1	24 24	2 19	25 14	1 46	20 15	1 25	12 51	1 44	17 35	0 47	20 54	1 7	6 27	14 25	8 43	8 36	27 26		n.a.
S 30	11n13	28s 3	4s32	14n39	1n10	24n36	2n21	25n11	1n45	20n14	1n25	12n53	1s44	17n35	0n47	20s54	1n 7	6n27	14n24	8n43	8n35	27s27		n.a.

Julian Day Number = 1365759.5, Delta T = 06h55m00s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°31'09, Lahiri = -17°24'08 Julian Calendar 1 Apr. 974 BCE == Greg. Calendar 23 March 974 BCE

The year -973 astronomical counting style corresponds to year 974 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 974 BCE
geocentric

MAY 974 BCE (-973) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 55 51	29♈45'07	3♉11	7♉34	11♊ 0	10♋27	6♌50	8♉32	14°R 9	8°R 5	17°R 7	22°R 1	21♈38	17♐32	n.a.	S 1
M 2	13 59 48	0♉42'20	15° 6	9°41	12° 8	11° 0	6°54	8°40	14°D 9	8♐ 4	17♎ 6	22♈ 0	21°35	17°39	n.a.	M 2
T 3	14 3 44	1°39'33	27° 8	11°45	13°15	11°32	6°57	8°48	14♌ 9	8° 3	17° 4	22°D 0	21°32	17°46	n.a.	T 3
W 4	14 7 41	2°36'45	9♒23	13°48	14°22	12° 5	7° 1	8°56	14° 9	8° 1	17° 2	22° 0	21°28	17°53	n.a.	W 4
T 5	14 11 37	3°33'57	21°55	15°49	15°29	12°37	7° 5	9° 3	14° 9	8° 0	17° 1	22° 1	21°25	17°59	n.a.	T 5
F 6	14 15 34	4°31'09	4♓46	17°48	16°36	13°10	7° 9	9°11	14° 9	7°59	16°59	22° 2	21°22	18° 6	n.a.	F 6
S 7	14 19 30	5°28'20	18° 1	19°45	17°43	13°43	7°13	9°19	14°10	7°58	16°58	22° 3	21°19	18°13	n.a.	S 7
S 8	14 23 27	6°25'30	1♈41	21°39	18°49	14°16	7°17	9°27	14°10	7°56	16°56	22° 4	21°16	18°19	n.a.	S 8
M 9	14 27 24	7°22'40	15°46	23°32	19°56	14°49	7°21	9°35	14°10	7°55	16°55	22°R 4	21°13	18°26	n.a.	M 9
T 10	14 31 20	8°19'50	0♉13	25°22	21° 2	15°22	7°26	9°43	14°11	7°54	16°53	22° 4	21° 9	18°33	n.a.	T 10
W11	14 35 17	9°16'59	14°58	27° 9	22° 8	15°56	7°31	9°51	14°11	7°52	16°52	22° 3	21° 6	18°39	n.a.	W11
T 12	14 39 13	10°14'08	29°53	28°54	23°14	16°29	7°36	9°59	14°12	7°51	16°50	22° 2	21° 3	18°46	n.a.	T 12
F 13	14 43 10	11°11'17	14♊50	0♊37	24°19	17° 3	7°41	10° 7	14°12	7°49	16°49	21°59	21° 0	18°53	n.a.	F 13
S 14	14 47 6	12° 8'25	29°41	2°18	25°25	17°37	7°46	10°15	14°13	7°48	16°47	21°57	20°57	19° 0	n.a.	S 14
S 15	14 51 3	13° 5'32	14♋18	3°56	26°30	18°10	7°51	10°22	14°14	7°47	16°46	21°55	20°53	19° 6	n.a.	S 15
M16	14 55 0	14° 2'39	28°38	5°31	27°35	18°44	7°57	10°30	14°14	7°45	16°44	21°53	20°50	19°13	n.a.	M16
T 17	14 58 56	14°59'45	12♌37	7° 4	28°40	19°18	8° 3	10°38	14°15	7°44	16°43	21°D52	20°47	19°20	n.a.	T 17
W18	15 2 53	15°56'51	26°14	8°35	29°45	19°52	8° 8	10°46	14°16	7°42	16°42	21°53	20°44	19°26	n.a.	W18
T 19	15 6 49	16°53'55	9♍31	10° 3	0♋49	20°26	8°14	10°54	14°17	7°41	16°40	21°54	20°41	19°33	n.a.	T 19
F 20	15 10 46	17°51'00	22°30	11°29	1°54	21° 1	8°21	11° 2	14°18	7°39	16°39	21°55	20°38	19°40	n.a.	F 20
S 21	15 14 42	18°48'04	5♎12	12°52	2°58	21°35	8°27	11°10	14°19	7°38	16°37	21°57	20°34	19°46	n.a.	S 21
S 22	15 18 39	19°45'07	17°41	14°13	4° 1	22°10	8°33	11°17	14°20	7°36	16°36	21°R58	20°31	19°53	n.a.	S 22
M23	15 22 35	20°42'11	29°59	15°31	5° 5	22°44	8°40	11°25	14°21	7°35	16°35	21°57	20°28	20° 0	n.a.	M23
T 24	15 26 32	21°39'14	12♏ 7	16°46	6° 8	23°19	8°46	11°33	14°22	7°33	16°34	21°56	20°25	20° 7	n.a.	T 24
W25	15 30 29	22°36'18	24° 9	17°59	7°11	23°53	8°53	11°41	14°23	7°32	16°32	21°53	20°22	20°13	n.a.	W25
T 26	15 34 25	23°33'21	6♐ 6	19° 8	8°14	24°28	9° 0	11°49	14°24	7°30	16°31	21°48	20°19	20°20	n.a.	T 26
F 27	15 38 22	24°30'25	17°58	20°15	9°17	25° 3	9° 7	11°57	14°26	7°29	16°30	21°43	20°15	20°27	n.a.	F 27
S 28	15 42 18	25°27'28	29°50	21°19	10°19	25°38	9°14	12° 4	14°27	7°27	16°29	21°37	20°12	20°33	n.a.	S 28
S 29	15 46 15	26°24'32	11♑42	22°20	11°21	26°13	9°22	12°12	14°29	7°25	16°28	21°31	20° 9	20°40	n.a.	S 29
M30	15 50 11	27°21'37	23°38	23°18	12°23	26°49	9°29	12°20	14°30	7°24	16°26	21°26	20° 6	20°47	n.a.	M30
T 31	15 54 8	28♉18'41	5♒41	24♊13	13♋24	27♋24	9♌37	12♉28	14♌31	7♐22	16♎25	21♈22	20♈ 3	20♐54	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11n33	28s46	5s 0	15n29	1n19	24n47	2n22	25n 8	1n44	20n13	1n25	12n56	1s44	17n35	0n47	20s53	1n 7	6n27	14n24	8n42	8n34	27s28			n.a.
M 2	11 54	28 9	5 14	16 18	1 26	24 58	2 23	25 4	1 44	20 12	1 25	12 59	1 44	17 35	0 47	20 53	1 7	6 28	14 24	8 42	8 32	27 29			n.a.
T 3	12 14	26 12	5 15	17 5	1 34	25 7	2 24	25 1	1 43	20 11	1 24	13 1	1 44	17 35	0 47	20 53	1 7	6 28	14 24	8 42	8 31	27 30			n.a.
W 4	12 34	23 2	5 2	17 49	1 40	25 17	2 25	24 57	1 42	20 10	1 24	13 4	1 44	17 35	0 47	20 53	1 7	6 29	14 24	8 42	8 30	27 31			n.a.
T 5	12 54	18 44	4 35	18 31	1 46	25 25	2 26	24 53	1 41	20 9	1 24	13 6	1 43	17 35	0 47	20 53	1 7	6 29	14 24	8 42	8 29	27 32			n.a.
F 6	13 14	13 31	3 53	19 11	1 52	25 33	2 26	24 49	1 40	20 7	1 24	13 9	1 43	17 35	0 47	20 52	1 7	6 30	14 23	8 43	8 28	27 34			n.a.
S 7	13 33	7 31	2 57	19 49	1 56	25 40	2 27	24 45	1 39	20 6	1 23	13 12	1 43	17 35	0 47	20 52	1 7	6 30	14 23	8 43	8 26	27 35			n.a.
S 8	13 52	1 0	1 50	20 24	2 0	25 47	2 27	24 40	1 39	20 5	1 23	13 14	1 43	17 35	0 47	20 52	1 7	6 30	14 23	8 43	8 25	27 36			n.a.
M 9	14 11	5n46	0 35	20 56	2 3	25 53	2 28	24 36	1 38	20 3	1 23	13 17	1 43	17 35	0 47	20 52	1 7	6 31	14 23	8 44	8 24	27 37			n.a.
T 10	14 30	12 26	0n45	21 26	2 6	25 58	2 28	24 31	1 37	20 2	1 23	13 19	1 43	17 34	0 46	20 52	1 7	6 31	14 22	8 44	8 23	27 38			n.a.
W11	14 49	18 32	2 3	21 54	2 8	26 2	2 28	24 26	1 36	20 1	1 23	13 22	1 43	17 34	0 46	20 51	1 7	6 31	14 22	8 43	8 22	27 39			n.a.
T 12	15 7	23 35	3 14	22 19	2 9	26 6	2 28	24 21	1 35	19 59	1 23	13 25	1 43	17 34	0 46	20 51	1 7	6 32	14 22	8 43	8 20	27 40			n.a.
F 13	15 25	27 6	4 11	22 42	2 9	26 9	2 28	24 16	1 35	19 58	1 22	13 27	1 43	17 34	0 46	20 51	1 7	6 32	14 22	8 42	8 19	27 41			n.a.
S 14	15 43	28 40	4 51	23 3	2 9	26 12	2 28	24 11	1 34	19 56	1 22	13 30	1 43	17 34	0 46	20 51	1 7	6 32	14 21	8 41	8 18	27 42			n.a.
S 15	16 1	28 12	5 12	23 21	2 8	26 13	2 27	24 6	1 33	19 54	1 22	13 32	1 43	17 33	0 46	20 50	1 7	6 32	14 21	8 40	8 17	27 43			n.a.
M16	16 18	25 51	5 12	23 38	2 6	26 14	2 27	24 0	1 32	19 53	1 22	13 35	1 43	17 33	0 46	20 50	1 7	6 33	14 21	8 39	8 15	27 44			n.a.
T 17	16 35	21 59	4 54	23 52	2 4	26 15	2 26	23 54	1 31	19 51	1 22	13 37	1 43	17 33	0 46	20 50	1 7	6 33	14 20	8 39	8 14	27 45			n.a.
W18	16 52	17 2	4 20	24 4	2 1	26 15	2 26	23 49	1 31	19 49	1 21	13 40	1 43	17 33	0 46	20 50	1 7	6 33	14 20	8 39	8 13	27 46			n.a.
T 19	17 9	11 23	3 32	24 14	1 57	26 14	2 25	23 43	1 30	19 48	1 21	13 42	1 43	17 32	0 46	20 49	1 7	6 33	14 20	8 40	8 12	27 47			n.a.
F 20	17 25	5 23	2 35	24 23	1 53	26 12	2 24	23 36	1 29	19 46	1 21	13 45	1 43	17 32	0 46	20 49	1 7	6 34	14 19	8 40	8 11	27 48			n.a.
S 21	17 41	0s43	1 31	24 29	1 48	26 10	2 23	23 30	1 28	19 44	1 21	13 47	1 43	17 32	0 46	20 49	1 7	6 34	14 19	8 41	8 9	27 49			n.a.
S 22	17 57	6 41	0 23	24 33	1 42	26 7	2 22	23 24	1 27	19 42	1 21	13 50	1 42	17 31	0 46	20 49	1 7	6 34	14 19	8 41	8 8	27 50			n.a.
M23	18 12	12 19	0s44	24 36	1 36	26 3	2 20	23 17	1 27	19 40	1 20	13 52	1 42	17 31	0 46	20 48	1 7	6 34	14 18	8 41	8 7	27 51			n.a.
T 24	18 28	17 25	1 48	24 38	1 29	25 59	2 19	23 10	1 26	19 38	1 20	13 55	1 42	17 30	0 46	20 48	1 7	6 34	14 18	8 40	8 6	27 52			n.a.
W25	18 43	21 48	2 47	24 37	1 22	25 54	2 17	23 4	1 25	19 36	1 20	13 57	1 42	17 30	0 46	20 48	1 7	6 35	14 18	8 39	8 5	27 53			n.a.
T 26	18 57	25 14	3 38	24 35	1 14	25 49	2 16	22 57	1 24	19 34	1 20	14 0	1 42	17 30	0 46	20 48	1 7	6 35	14 17	8 38	8 3	27 54			n.a.
F 27	19 12	27 33	4 19	24 32	1 5	25 42	2 14	22 49	1 24	19 32	1 20	14 2	1 42	17 29	0 46	20 47	1 7	6 35	14 17	8 36	8 2	27 55			n.a.
S 28	19 26	28 38	4 49	24 28	0 56	25 36	2 12	22 42	1 23	19 30	1 20	14 5	1 42	17 29	0 46	20 47	1 7	6 35	14 17	8 33	8 1	27 56			n.a.
S 29	19 39	28 22	5 6	24 22	0 47	25 28	2 10	22 35	1 22	19 28	1 19	14 7	1 42	17 28	0 46	20 47	1 7	6 35	14 16	8 31	8 0	27 57			n.a.
M30	19 53	26 48	5 10	24 15	0 36	25 20	2 7	22 27	1 21	19 26	1 19	14 9	1 42	17 28	0 46	20 47	1 7	6 35	14 16	8 29	7 58	27 58			n.a.
T 31	20n 6	24s 0	5s 1	24n 7	0n26	25n12	2n 5	22n19	1n20	19n24	1n19	14n12	1s42	17n27	0n46	20s46	1n 7	6n35	14n15	8n28	7n57	27s59			n.a.

Julian Day Number = 1365789.5, Delta T = 06h54m59s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°31'05, Lahiri = -17°24'04 Julian Calendar 1 May 974 BCE == Greg. Calendar 22 Apr. 974 BCE

The year -973 astronomical counting style corresponds to year 974 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 974 BCE
geocentric

JUNE 974 BCE (-973) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 58 4	29♉15'46	17♒54	25♊ 4	14♋25	27♋59	9♌44	12♉35	14♌33	7°R21	16°R24	21°R20	19♈59	21♐ 0	n.a.	W 1
T 2	16 2 1	0♊12'52	0♓22	25°52	15°26	28°35	9°52	12°43	14°35	7♐19	16♎23	21°D19	19°56	21° 7	n.a.	T 2
F 3	16 5 58	1° 9'58	13° 9	26°37	16°27	29°10	10° 0	12°51	14°36	7°17	16°22	21♈20	19°53	21°14	n.a.	F 3
S 4	16 9 54	2° 7'05	26°20	27°18	17°27	29°46	10° 8	12°58	14°38	7°16	16°21	21°21	19°50	21°20	n.a.	S 4
S 5	16 13 51	3° 4'12	9♈56	27°54	18°27	0♌22	10°16	13° 6	14°40	7°14	16°20	21°23	19°47	21°27	n.a.	S 5
M 6	16 17 47	4° 1'20	24° 0	28°27	19°26	0°57	10°24	13°13	14°41	7°13	16°19	21°R23	19°44	21°34	n.a.	M 6
T 7	16 21 44	4°58'29	8♉30	28°56	20°25	1°33	10°33	13°21	14°43	7°11	16°18	21°22	19°40	21°40	n.a.	T 7
W 8	16 25 40	5°55'38	23°23	29°21	21°24	2° 9	10°41	13°28	14°45	7° 9	16°17	21°19	19°37	21°47	n.a.	W 8
T 9	16 29 37	6°52'48	8♊31	29°41	22°22	2°45	10°50	13°36	14°47	7° 8	16°16	21°14	19°34	21°54	n.a.	T 9
F 10	16 33 34	7°49'59	23°45	29°56	23°20	3°22	10°59	13°43	14°49	7° 6	16°15	21° 8	19°31	22° 1	n.a.	F 10
S 11	16 37 30	8°47'10	8♋55	0♋ 7	24°18	3°58	11° 7	13°51	14°51	7° 5	16°15	21° 1	19°28	22° 7	n.a.	S 11
S 12	16 41 27	9°44'21	23°50	0°13	25°15	4°34	11°16	13°58	14°53	7° 3	16°14	20°54	19°25	22°14	n.a.	S 12
M13	16 45 23	10°41'33	8♌23	0°R15	26°12	5°11	11°25	14° 6	14°55	7° 1	16°13	20°49	19°21	22°21	n.a.	M13
T 14	16 49 20	11°38'45	22°30	0°11	27° 8	5°47	11°35	14°13	14°57	7° 0	16°12	20°45	19°18	22°27	n.a.	T 14
W15	16 53 16	12°35'58	6♍10	0° 2	28° 4	6°24	11°44	14°20	15° 0	6°58	16°11	20°43	19°15	22°34	n.a.	W15
T 16	16 57 13	13°33'10	19°24	29♊49	28°59	7° 0	11°53	14°28	15° 2	6°56	16°11	20°D43	19°12	22°41	n.a.	T 16
F 17	17 1 9	14°30'24	2♎15	29°31	29°54	7°37	12° 3	14°35	15° 4	6°55	16°10	20°44	19° 9	22°48	n.a.	F 17
S 18	17 5 6	15°27'37	14°47	29° 8	0♌48	8°14	12°12	14°42	15° 6	6°53	16°10	20°R45	19° 5	22°54	n.a.	S 18
S 19	17 9 3	16°24'52	27° 4	28°40	1°42	8°51	12°22	14°49	15° 9	6°52	16° 9	20°45	19° 2	23° 1	n.a.	S 19
M20	17 12 59	17°22'07	9♏11	28° 9	2°35	9°28	12°32	14°56	15°11	6°50	16° 8	20°43	18°59	23° 8	n.a.	M20
T 21	17 16 56	18°19'23	21°10	27°34	3°27	10° 5	12°41	15° 3	15°14	6°48	16° 8	20°39	18°56	23°14	n.a.	T 21
W22	17 20 52	19°16'39	3♐ 5	26°55	4°19	10°42	12°51	15°10	15°16	6°47	16° 7	20°33	18°53	23°21	n.a.	W22
T 23	17 24 49	20°13'57	14°57	26°14	5°10	11°19	13° 1	15°17	15°19	6°45	16° 7	20°24	18°50	23°28	n.a.	T 23
F 24	17 28 45	21°11'16	26°49	25°31	6° 1	11°57	13°11	15°24	15°21	6°44	16° 6	20°13	18°46	23°35	n.a.	F 24
S 25	17 32 42	22° 8'35	8♑41	24°46	6°51	12°34	13°22	15°31	15°24	6°42	16° 6	20° 2	18°43	23°41	n.a.	S 25
S 26	17 36 39	23° 5'56	20°37	24° 1	7°40	13°11	13°32	15°38	15°26	6°41	16° 6	19°50	18°40	23°48	n.a.	S 26
M27	17 40 35	24° 3'18	2♒36	23°16	8°29	13°49	13°42	15°45	15°29	6°39	16° 5	19°40	18°37	23°55	n.a.	M27
T 28	17 44 32	25° 0'41	14°43	22°33	9°17	14°26	13°53	15°52	15°32	6°38	16° 5	19°32	18°34	24° 1	n.a.	T 28
W29	17 48 28	25°58'05	26°58	21°51	10° 4	15° 4	14° 3	15°58	15°35	6°36	16° 5	19°26	18°31	24° 8	n.a.	W29
T 30	17 52 25	26♊55'31	9♓27	21♊12	10♌50	15♌42	14♌14	16♉ 5	15♌37	6♐35	16♎ 4	19♈22	18♈27	24♐15	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n18	20s 6	4s38	23n58	0n14	25n 3	2n 2	22n11	1n20	19n21	1n19	14n14	1s42	17n27	0n46	20s46	1n 7	6n35	14n15	8n27	7n56	28s 0		n.a.
T 2	20 31	15 16	4 2	23 48	0 3	24 53	1 59	22 3	1 19	19 19	1 19	14 17	1 42	17 26	0 46	20 46	1 7	6 35	14 15	8 27	7 55	28 1		n.a.
F 3	20 43	9 40	3 12	23 37	0s10	24 43	1 57	21 55	1 18	19 17	1 19	14 19	1 42	17 26	0 46	20 46	1 7	6 35	14 14	8 27	7 54	28 2		n.a.
S 4	20 55	3 29	2 12	23 25	0 22	24 32	1 53	21 47	1 17	19 14	1 18	14 21	1 42	17 25	0 46	20 45	1 7	6 35	14 14	8 27	7 52	28 2		n.a.
S 5	21 6	3n 3	1 2	23 13	0 35	24 20	1 50	21 38	1 17	19 12	1 18	14 24	1 42	17 25	0 45	20 45	1 7	6 35	14 13	8 28	7 51	28 3		n.a.
M 6	21 17	9 40	0n14	23 0	0 49	24 9	1 47	21 29	1 16	19 9	1 18	14 26	1 42	17 24	0 45	20 45	1 7	6 35	14 13	8 28	7 50	28 4		n.a.
T 7	21 28	16 0	1 31	22 46	1 2	23 56	1 43	21 21	1 15	19 7	1 18	14 28	1 42	17 24	0 45	20 45	1 7	6 35	14 12	8 27	7 49	28 5		n.a.
W 8	21 38	21 33	2 44	22 32	1 16	23 43	1 40	21 12	1 14	19 4	1 18	14 30	1 42	17 23	0 45	20 44	1 7	6 35	14 12	8 26	7 48	28 6		n.a.
T 9	21 48	25 48	3 47	22 18	1 31	23 30	1 36	21 3	1 14	19 2	1 18	14 33	1 42	17 22	0 45	20 44	1 7	6 35	14 12	8 24	7 46	28 7		n.a.
F 10	21 57	28 13	4 33	22 4	1 45	23 16	1 32	20 53	1 13	18 59	1 18	14 35	1 42	17 22	0 45	20 44	1 7	6 35	14 11	8 22	7 45	28 8		n.a.
S 11	22 7	28 30	5 1	21 49	2 0	23 2	1 28	20 44	1 12	18 57	1 17	14 37	1 42	17 21	0 45	20 43	1 7	6 35	14 11	8 19	7 44	28 8		n.a.
S 12	22 15	26 43	5 7	21 34	2 14	22 47	1 23	20 34	1 11	18 54	1 17	14 39	1 42	17 21	0 45	20 43	1 7	6 35	14 10	8 17	7 43	28 9		n.a.
M13	22 24	23 10	4 53	21 20	2 29	22 32	1 19	20 25	1 11	18 51	1 17	14 42	1 42	17 20	0 45	20 43	1 7	6 35	14 10	8 15	7 41	28 10		n.a.
T 14	22 32	18 20	4 22	21 5	2 43	22 16	1 14	20 15	1 10	18 49	1 17	14 44	1 42	17 19	0 45	20 43	1 7	6 34	14 9	8 13	7 40	28 11		n.a.
W15	22 40	12 44	3 36	20 51	2 58	22 0	1 9	20 5	1 9	18 46	1 17	14 46	1 42	17 19	0 45	20 42	1 7	6 34	14 9	8 13	7 39	28 12		n.a.
T 16	22 47	6 43	2 40	20 37	3 11	21 44	1 4	19 55	1 8	18 43	1 17	14 48	1 42	17 18	0 45	20 42	1 7	6 34	14 8	8 13	7 38	28 12		n.a.
F 17	22 54	0 35	1 38	20 24	3 25	21 27	0 59	19 44	1 8	18 40	1 17	14 50	1 42	17 17	0 45	20 42	1 7	6 34	14 8	8 13	7 37	28 13		n.a.
S 18	23 0	5s25	0 32	20 11	3 37	21 10	0 53	19 34	1 7	18 37	1 16	14 52	1 42	17 16	0 45	20 42	1 7	6 34	14 7	8 13	7 35	28 14		n.a.
S 19	23 6	11 7	0s34	19 59	3 49	20 52	0 48	19 23	1 6	18 35	1 16	14 54	1 42	17 16	0 45	20 41	1 7	6 33	14 7	8 13	7 34	28 15		n.a.
M20	23 12	16 19	1 37	19 48	4 0	20 34	0 42	19 13	1 5	18 32	1 16	14 57	1 42	17 15	0 45	20 41	1 7	6 33	14 6	8 13	7 33	28 15		n.a.
T 21	23 17	20 49	2 35	19 37	4 10	20 16	0 36	19 2	1 5	18 29	1 16	14 59	1 42	17 14	0 45	20 41	1 7	6 33	14 6	8 11	7 32	28 16		n.a.
W22	23 22	24 28	3 26	19 28	4 19	19 58	0 30	18 51	1 4	18 26	1 16	15 1	1 42	17 13	0 45	20 41	1 7	6 33	14 5	8 9	7 30	28 17		n.a.
T 23	23 27	27 3	4 8	19 20	4 26	19 39	0 23	18 40	1 3	18 23	1 16	15 3	1 42	17 13	0 45	20 40	1 7	6 32	14 5	8 5	7 29	28 18		n.a.
F 24	23 31	28 25	4 38	19 13	4 32	19 20	0 17	18 28	1 2	18 20	1 16	15 5	1 42	17 12	0 45	20 40	1 7	6 32	14 4	8 1	7 28	28 18		n.a.
S 25	23 35	28 28	4 57	19 7	4 36	19 1	0 10	18 17	1 2	18 17	1 16	15 7	1 42	17 11	0 45	20 40	1 7	6 32	14 4	7 57	7 27	28 19		n.a.
S 26	23 38	27 11	5 3	19 3	4 38	18 41	0 3	18 5	1 1	18 13	1 15	15 9	1 43	17 10	0 45	20 40	1 7	6 31	14 3	7 53	7 26	28 20		n.a.
M27	23 41	24 40	4 55	19 0	4 39	18 22	0s 4	17 54	1 0	18 10	1 15	15 11	1 43	17 9	0 45	20 39	1 7	6 31	14 3	7 49	7 24	28 21		n.a.
T 28	23 43	21 2	4 34	18 59	4 38	18 2	0 11	17 42	0 59	18 7	1 15	15 12	1 43	17 8	0 45	20 39	1 7	6 31	14 2	7 45	7 23	28 21		n.a.
W29	23 45	16 28	4 1	18 59	4 35	17 42	0 19	17 30	0 59	18 4	1 15	15 14	1 43	17 8	0 45	20 39	1 7	6 30	14 2	7 43	7 22	28 22		n.a.
T 30	23n47	11s 9	3s15	19n 1	4s30	17n22	0s26	17n18	0n58	18n 1	1n15	15n16	1s43	17n 7	0n45	20s39	1n 7	6n30	14n 1	7n42	7n21	28s23		n.a.

Julian Day Number = 1365820.5, Delta T = 06h54m57s
Ecliptic obliquity = 23°48'49, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°31'00, Lahiri = -17°24'00 Julian Calendar 1 June 974 BCE == Greg. Calendar 23 May 974 BCE

The year -973 astronomical counting style corresponds to year 974 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 974 BCE
geocentric

JULY 974 BCE (-973) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 56 21	27♊52'58	22♓11	20°R36	11♌35	16♌20	14♌25	16♉11	15♌40	6°R33	16°R 4	19°R21	18♈24	24♐22	n.a.	F 1
S 2	18 0 18	28°50'26	5♈16	20♊ 5	12°20	16°58	14°35	16°18	15°43	6♐32	16♎ 4	19°D21	18°21	24°28	n.a.	S 2
S 3	18 4 14	29°47'57	18°45	19°38	13° 3	17°36	14°46	16°25	15°46	6°30	16° 4	19°R21	18°18	24°35	n.a.	S 3
M 4	18 8 11	0♋45'28	2♉40	19°17	13°46	18°14	14°57	16°31	15°49	6°29	16° 4	19♈20	18°15	24°42	n.a.	M 4
T 5	18 12 8	1°43'02	17° 2	19° 2	14°28	18°52	15° 8	16°37	15°52	6°27	16° 4	19°18	18°11	24°48	n.a.	T 5
W 6	18 16 4	2°40'37	1♊49	18°53	15° 8	19°30	15°19	16°44	15°55	6°26	16° 4	19°13	18° 8	24°55	n.a.	W 6
T 7	18 20 1	3°38'14	16°55	18°D50	15°48	20° 8	15°30	16°50	15°58	6°24	16°D 4	19° 5	18° 5	25° 2	n.a.	T 7
F 8	18 23 57	4°35'52	2♋12	18°55	16°26	20°47	15°41	16°56	16° 1	6°23	16° 4	18°56	18° 2	25° 9	n.a.	F 8
S 9	18 27 54	5°33'31	17°28	19° 7	17° 4	21°25	15°53	17° 2	16° 4	6°22	16° 4	18°45	17°59	25°15	n.a.	S 9
S 10	18 31 50	6°31'12	2♌33	19°26	17°40	22° 4	16° 4	17° 8	16° 7	6°20	16° 4	18°35	17°56	25°22	n.a.	S 10
M11	18 35 47	7°28'54	17°16	19°52	18°15	22°42	16°15	17°14	16°10	6°19	16° 4	18°26	17°52	25°29	n.a.	M11
T 12	18 39 43	8°26'38	1♍32	20°26	18°49	23°21	16°27	17°20	16°13	6°18	16° 4	18°20	17°49	25°35	n.a.	T 12
W13	18 43 40	9°24'22	15°18	21° 6	19°21	24° 0	16°38	17°26	16°17	6°16	16° 4	18°16	17°46	25°42	n.a.	W13
T 14	18 47 37	10°22'08	28°35	21°54	19°52	24°38	16°50	17°32	16°20	6°15	16° 4	18°14	17°43	25°49	n.a.	T 14
F 15	18 51 33	11°19'55	11♎27	22°48	20°22	25°17	17° 2	17°38	16°23	6°14	16° 5	18°14	17°40	25°56	n.a.	F 15
S 16	18 55 30	12°17'44	23°57	23°49	20°50	25°56	17°13	17°44	16°26	6°13	16° 5	18°14	17°37	26° 2	n.a.	S 16
S 17	18 59 26	13°15'33	6♏10	24°57	21°16	26°35	17°25	17°49	16°30	6°11	16° 5	18°13	17°33	26° 9	n.a.	S 17
M18	19 3 23	14°13'25	18°12	26°10	21°41	27°14	17°37	17°55	16°33	6°10	16° 6	18°10	17°30	26°16	n.a.	M18
T 19	19 7 19	15°11'17	0♐ 7	27°30	22° 4	27°53	17°49	18° 0	16°36	6° 9	16° 6	18° 5	17°27	26°22	n.a.	T 19
W20	19 11 16	16° 9'11	11°58	28°55	22°26	28°33	18° 1	18° 6	16°40	6° 8	16° 6	17°57	17°24	26°29	n.a.	W20
T 21	19 15 12	17° 7'07	23°49	0♋25	22°45	29°12	18°13	18°11	16°43	6° 7	16° 7	17°46	17°21	26°36	n.a.	T 21
F 22	19 19 9	18° 5'05	5♑42	1°59	23° 3	29°51	18°25	18°16	16°47	6° 6	16° 7	17°33	17°17	26°43	n.a.	F 22
S 23	19 23 6	19° 3'04	17°39	3°38	23°19	0♍31	18°37	18°21	16°50	6° 5	16° 8	17°19	17°14	26°49	n.a.	S 23
S 24	19 27 2	20° 1'05	29°41	5°20	23°33	1°10	18°49	18°26	16°54	6° 4	16° 8	17° 5	17°11	26°56	n.a.	S 24
M25	19 30 59	20°59'07	11♒49	7° 6	23°45	1°50	19° 1	18°31	16°57	6° 3	16° 9	16°53	17° 8	27° 3	n.a.	M25
T 26	19 34 55	21°57'12	24° 5	8°54	23°55	2°30	19°13	18°36	17° 1	6° 1	16°10	16°42	17° 5	27° 9	n.a.	T 26
W27	19 38 52	22°55'18	6♓29	10°44	24° 2	3° 9	19°26	18°41	17° 4	6° 1	16°10	16°34	17° 2	27°16	n.a.	W27
T 28	19 42 48	23°53'27	19° 4	12°37	24° 8	3°49	19°38	18°46	17° 8	6° 0	16°11	16°29	16°58	27°23	n.a.	T 28
F 29	19 46 45	24°51'37	1♈53	14°31	24°11	4°29	19°50	18°51	17°11	5°59	16°12	16°27	16°55	27°30	n.a.	F 29
S 30	19 50 41	25°49'50	14°58	16°25	24°R12	5° 9	20° 3	18°55	17°15	5°58	16°12	16°D26	16°52	27°36	n.a.	S 30
S 31	19 54 38	26♋48'05	28♈23	18♋21	24♌11	5♍49	20♌15	19♉ 0	17♌19	5♐57	16♎13	16°R26	16♈49	27♐43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	5s16	2s19	19n 5	4s24	17n 2	0s34	17n 6	0n57	17n57	1n15	15n18	1s43	17n 6	0n45	20s38	1n 7	6n30	14n 1	7n41	7n19	28s23		n.a.
S 2	23 49	1n 0	1 14	19 11	4 16	16 41	0 42	16 53	0 56	17 54	1 15	15 20	1 43	17 5	0 45	20 38	1 7	6 29	14 0	7 41	7 18	28 24		n.a.
S 3	23 49	7 24	0 3	19 18	4 7	16 21	0 51	16 41	0 56	17 51	1 15	15 22	1 43	17 4	0 45	20 38	1 7	6 29	14 0	7 41	7 17	28 25		n.a.
M 4	23 49	13 41	1n10	19 27	3 56	16 1	0 59	16 28	0 55	17 47	1 15	15 24	1 43	17 3	0 45	20 38	1 7	6 28	13 59	7 41	7 16	28 25		n.a.
T 5	23 48	19 26	2 21	19 37	3 44	15 40	1 8	16 16	0 54	17 44	1 14	15 25	1 43	17 2	0 45	20 38	1 7	6 28	13 59	7 40	7 14	28 26		n.a.
W 6	23 47	24 11	3 25	19 50	3 32	15 19	1 17	16 3	0 54	17 41	1 14	15 27	1 43	17 1	0 45	20 37	1 7	6 27	13 58	7 38	7 13	28 26		n.a.
T 7	23 46	27 24	4 15	20 3	3 18	14 59	1 26	15 50	0 53	17 37	1 14	15 29	1 43	17 0	0 44	20 37	1 7	6 27	13 57	7 35	7 12	28 27		n.a.
F 8	23 44	28 36	4 48	20 18	3 3	14 38	1 35	15 37	0 52	17 34	1 14	15 31	1 43	16 59	0 44	20 37	1 7	6 26	13 57	7 32	7 11	28 28		n.a.
S 9	23 42	27 37	5 1	20 34	2 48	14 18	1 45	15 24	0 51	17 30	1 14	15 32	1 43	16 58	0 44	20 37	1 7	6 26	13 56	7 28	7 10	28 28		n.a.
S 10	23 39	24 38	4 52	20 51	2 32	13 58	1 55	15 10	0 51	17 27	1 14	15 34	1 43	16 57	0 44	20 37	1 7	6 25	13 56	7 24	7 8	28 29		n.a.
M11	23 36	20 5	4 24	21 9	2 16	13 37	2 5	14 57	0 50	17 23	1 14	15 36	1 43	16 56	0 44	20 36	1 7	6 25	13 55	7 20	7 7	28 29		n.a.
T 12	23 32	14 31	3 40	21 28	2 0	13 17	2 15	14 43	0 49	17 19	1 14	15 37	1 43	16 56	0 44	20 36	1 7	6 24	13 55	7 18	7 6	28 30		n.a.
W13	23 28	8 24	2 45	21 47	1 44	12 57	2 25	14 29	0 48	17 16	1 14	15 39	1 43	16 55	0 44	20 36	1 7	6 24	13 54	7 16	7 5	28 31		n.a.
T 14	23 24	2 7	1 42	22 6	1 28	12 37	2 36	14 16	0 48	17 12	1 14	15 40	1 44	16 53	0 44	20 36	1 7	6 23	13 54	7 16	7 3	28 31		n.a.
F 15	23 19	4s 3	0 36	22 25	1 12	12 18	2 47	14 2	0 47	17 9	1 14	15 42	1 44	16 52	0 44	20 36	1 7	6 22	13 53	7 15	7 2	28 32		n.a.
S 16	23 14	9 54	0s30	22 44	0 56	11 58	2 58	13 48	0 46	17 5	1 14	15 44	1 44	16 51	0 44	20 35	1 7	6 22	13 53	7 15	7 1	28 32		n.a.
S 17	23 8	15 15	1 33	23 2	0 41	11 39	3 9	13 33	0 45	17 1	1 13	15 45	1 44	16 50	0 44	20 35	1 7	6 21	13 52	7 15	7 0	28 33		n.a.
M18	23 2	19 56	2 31	23 19	0 26	11 21	3 20	13 19	0 45	16 57	1 13	15 47	1 44	16 49	0 44	20 35	1 6	6 21	13 52	7 14	6 58	28 33		n.a.
T 19	22 56	23 46	3 22	23 35	0 12	11 2	3 32	13 5	0 44	16 54	1 13	15 48	1 44	16 48	0 44	20 35	1 6	6 20	13 51	7 12	6 57	28 34		n.a.
W20	22 49	26 36	4 3	23 50	0n 2	10 44	3 43	12 50	0 43	16 50	1 13	15 49	1 44	16 47	0 44	20 35	1 6	6 19	13 50	7 9	6 56	28 34		n.a.
T 21	22 42	28 14	4 34	24 4	0 15	10 27	3 55	12 36	0 43	16 46	1 13	15 51	1 44	16 46	0 44	20 35	1 6	6 19	13 50	7 5	6 55	28 35		n.a.
F 22	22 34	28 34	4 53	24 15	0 27	10 10	4 7	12 21	0 42	16 42	1 13	15 52	1 44	16 45	0 44	20 34	1 6	6 18	13 49	7 0	6 54	28 35		n.a.
S 23	22 26	27 34	4 59	24 24	0 38	9 53	4 19	12 6	0 41	16 38	1 13	15 54	1 44	16 44	0 44	20 34	1 6	6 17	13 49	6 54	6 52	28 36		n.a.
S 24	22 18	25 17	4 52	24 31	0 49	9 37	4 31	11 51	0 40	16 34	1 13	15 55	1 44	16 43	0 44	20 34	1 6	6 17	13 48	6 49	6 51	28 36		n.a.
M25	22 9	21 51	4 32	24 36	0 59	9 21	4 44	11 36	0 40	16 30	1 13	15 56	1 44	16 42	0 44	20 34	1 6	6 16	13 48	6 44	6 50	28 37		n.a.
T 26	22 0	17 27	3 59	24 38	1 7	9 6	4 56	11 21	0 39	16 26	1 13	15 57	1 45	16 41	0 44	20 34	1 6	6 15	13 47	6 40	6 49	28 37		n.a.
W27	21 50	12 16	3 14	24 37	1 15	8 52	5 9	11 6	0 38	16 23	1 13	15 59	1 45	16 40	0 44	20 34	1 6	6 14	13 47	6 37	6 47	28 38		n.a.
T 28	21 40	6 31	2 19	24 34	1 22	8 38	5 21	10 51	0 37	16 19	1 13	16 0	1 45	16 39	0 44	20 34	1 6	6 14	13 46	6 35	6 46	28 38		n.a.
F 29	21 29	0 24	1 16	24 29	1 29	8 25	5 34	10 35	0 37	16 15	1 13	16 1	1 45	16 37	0 44	20 33	1 6	6 13	13 46	6 34	6 45	28 39		n.a.
S 30	21 19	5n52	0 8	24 20	1 34	8 13	5 46	10 20	0 36	16 11	1 13	16 2	1 45	16 36	0 44	20 33	1 6	6 12	13 45	6 34	6 44	28 39		n.a.
S 31	21n 7	12n 2	1n 3	24n 9	1n38	8n 2	5s59	10n 4	0n35	16n 6	1n13	16n 4	1s45	16n35	0n44	20s33	1n 6	6n11	13n45	6n34	6n42	28s39		n.a.

Julian Day Number = 1365850.5, Delta T = 06h54m56s
Ecliptic obliquity = 23°48'49, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°30'56, Lahiri = -17°23'56 Julian Calendar 1 July 974 BCE == Greg. Calendar 22 June 974 BCE

The year -973 astronomical counting style corresponds to year 974 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 974 BCE
geocentric

AUGUST 974 BCE (-973) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 58 35	27♋46'22	12♉ 9	20♋17	24°R 7	6♍29	20♌28	19♉ 4	17♌22	5°R56	16♎14	16°R26	16♈46	27♐50	n.a.	M 1
T 2	20 2 31	28°44'42	26°19	22°13	24♌ 1	7° 9	20°40	19° 9	17°26	5♐55	16°15	16♈24	16°43	27°56	n.a.	T 2
W 3	20 6 28	29°43'04	10♊51	24° 9	23°53	7°49	20°53	19°13	17°30	5°54	16°16	16°19	16°39	28° 3	n.a.	W 3
T 4	20 10 24	0♌41'28	25°42	26° 5	23°42	8°30	21° 5	19°17	17°33	5°54	16°17	16°11	16°36	28°10	n.a.	T 4
F 5	20 14 21	1°39'54	10♋45	28° 1	23°29	9°10	21°18	19°21	17°37	5°53	16°18	16° 2	16°33	28°17	n.a.	F 5
S 6	20 18 17	2°38'22	25°51	29°55	23°14	9°50	21°31	19°25	17°41	5°52	16°19	15°51	16°30	28°23	n.a.	S 6
S 7	20 22 14	3°36'53	10♌50	1♌50	22°56	10°31	21°43	19°29	17°44	5°51	16°20	15°41	16°27	28°30	n.a.	S 7
M 8	20 26 10	4°35'25	25°32	3°43	22°36	11°12	21°56	19°33	17°48	5°51	16°21	15°32	16°23	28°37	n.a.	M 8
T 9	20 30 7	5°33'59	9♍50	5°35	22°14	11°52	22° 9	19°37	17°52	5°50	16°22	15°25	16°20	28°43	n.a.	T 9
W10	20 34 4	6°32'35	23°40	7°27	21°50	12°33	22°22	19°41	17°55	5°50	16°23	15°21	16°17	28°50	n.a.	W10
T 11	20 38 0	7°31'13	7♎ 2	9°18	21°24	13°14	22°34	19°44	17°59	5°49	16°24	15°19	16°14	28°57	n.a.	T 11
F 12	20 41 57	8°29'53	19°57	11° 7	20°56	13°55	22°47	19°47	18° 3	5°48	16°25	15°D19	16°11	29° 4	n.a.	F 12
S 13	20 45 53	9°28'34	2♏30	12°56	20°26	14°35	23° 0	19°51	18° 7	5°48	16°27	15°19	16° 8	29°10	n.a.	S 13
S 14	20 49 50	10°27'17	14°45	14°44	19°54	15°16	23°13	19°54	18°11	5°47	16°28	15°R19	16° 4	29°17	n.a.	S 14
M15	20 53 46	11°26'03	26°47	16°30	19°21	15°58	23°26	19°57	18°14	5°47	16°29	15°18	16° 1	29°24	n.a.	M15
T 16	20 57 43	12°24'50	8♐41	18°16	18°47	16°39	23°39	20° 0	18°18	5°47	16°30	15°15	15°58	29°30	n.a.	T 16
W17	21 1 39	13°23'39	20°32	20° 1	18°12	17°20	23°52	20° 3	18°22	5°46	16°32	15° 9	15°55	29°37	n.a.	W17
T 18	21 5 36	14°22'30	2♑24	21°44	17°36	18° 1	24° 5	20° 6	18°26	5°46	16°33	15° 1	15°52	29°44	n.a.	T 18
F 19	21 9 33	15°21'23	14°21	23°27	17° 0	18°42	24°18	20° 9	18°30	5°46	16°34	14°51	15°49	29°51	n.a.	F 19
S 20	21 13 29	16°20'18	26°23	25° 8	16°23	19°24	24°31	20°12	18°33	5°45	16°36	14°39	15°45	29°57	n.a.	S 20
S 21	21 17 26	17°19'15	8♒34	26°49	15°47	20° 5	24°44	20°14	18°37	5°45	16°37	14°28	15°42	0♑ 4	n.a.	S 21
M22	21 21 22	18°18'14	20°55	28°29	15°10	20°47	24°57	20°17	18°41	5°45	16°39	14°18	15°39	0°11	n.a.	M22
T 23	21 25 19	19°17'15	3♓25	0♍ 8	14°34	21°28	25°10	20°19	18°45	5°45	16°40	14°10	15°36	0°18	n.a.	T 23
W24	21 29 15	20°16'18	16° 5	1°46	13°58	22°10	25°23	20°21	18°49	5°44	16°42	14° 4	15°33	0°24	n.a.	W24
T 25	21 33 12	21°15'24	28°56	3°23	13°24	22°52	25°36	20°23	18°52	5°44	16°43	14° 1	15°29	0°31	n.a.	T 25
F 26	21 37 8	22°14'32	11♈59	4°59	12°50	23°34	25°49	20°25	18°56	5°44	16°45	14°D 0	15°26	0°38	n.a.	F 26
S 27	21 41 5	23°13'42	25°15	6°35	12°18	24°16	26° 2	20°27	19° 0	5°44	16°46	14° 0	15°23	0°44	n.a.	S 27
S 28	21 45 1	24°12'55	8♉45	8° 9	11°48	24°57	26°15	20°29	19° 4	5°D44	16°48	14° 1	15°20	0°51	n.a.	S 28
M29	21 48 58	25°12'11	22°30	9°43	11°19	25°39	26°28	20°31	19° 8	5°44	16°50	14°R 2	15°17	0°58	n.a.	M29
T 30	21 52 55	26°11'29	6♊31	11°16	10°52	26°22	26°41	20°32	19°11	5°44	16°51	14° 1	15°14	1° 5	n.a.	T 30
W31	21 56 51	27♌10'49	20♊49	12♍48	10♌27	27♍ 4	26♌54	20♉34	19♌15	5♐44	16♎53	13♈59	15♈10	1♑11	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	20n56	17n48	2n12	23n56	1n42	7n52	6s11	9n48	0n35	16n 2	1n13	16n 5	1s45	16n34	0n44	20s33	1n 6	6n10	13n44	6n34	6n41	28s40			n.a.
T 2	20 44	22 46	3 14	23 40	1 44	7 42	6 23	9 33	0 34	15 58	1 13	16 6	1 45	16 33	0 44	20 33	1 6	6 10	13 44	6 33	6 40	28 40			n.a.
W 3	20 32	26 29	4 6	23 22	1 46	7 33	6 35	9 17	0 33	15 54	1 13	16 7	1 45	16 32	0 44	20 33	1 6	6 9	13 43	6 31	6 39	28 41			n.a.
T 4	20 19	28 27	4 42	23 1	1 48	7 26	6 47	9 1	0 32	15 50	1 13	16 8	1 45	16 31	0 44	20 33	1 6	6 8	13 42	6 28	6 37	28 41			n.a.
F 5	20 6	28 21	5 0	22 39	1 48	7 19	6 59	8 45	0 32	15 46	1 12	16 9	1 46	16 29	0 44	20 33	1 6	6 7	13 42	6 24	6 36	28 41			n.a.
S 6	19 53	26 9	4 57	22 15	1 48	7 13	7 10	8 29	0 31	15 42	1 12	16 10	1 46	16 28	0 44	20 33	1 6	6 6	13 41	6 20	6 35	28 42			n.a.
S 7	19 39	22 9	4 33	21 49	1 48	7 8	7 21	8 12	0 30	15 37	1 12	16 11	1 46	16 27	0 44	20 33	1 6	6 5	13 41	6 16	6 34	28 42			n.a.
M 8	19 25	16 50	3 52	21 21	1 46	7 5	7 32	7 56	0 30	15 33	1 12	16 12	1 46	16 26	0 44	20 32	1 6	6 5	13 40	6 12	6 33	28 42			n.a.
T 9	19 10	10 43	2 56	20 52	1 45	7 2	7 42	7 40	0 29	15 29	1 12	16 13	1 46	16 25	0 44	20 32	1 6	6 4	13 40	6 10	6 31	28 43			n.a.
W10	18 56	4 16	1 52	20 21	1 43	7 1	7 51	7 23	0 28	15 25	1 12	16 14	1 46	16 24	0 44	20 32	1 6	6 3	13 39	6 8	6 30	28 43			n.a.
T 11	18 41	2s10	0 44	19 49	1 40	7 1	8 0	7 7	0 27	15 21	1 12	16 14	1 46	16 22	0 44	20 32	1 6	6 2	13 39	6 7	6 29	28 43			n.a.
F 12	18 25	8 18	0s25	19 15	1 37	7 2	8 9	6 50	0 27	15 16	1 12	16 15	1 46	16 21	0 44	20 32	1 5	6 1	13 38	6 7	6 28	28 44			n.a.
S 13	18 10	13 56	1 30	18 41	1 33	7 4	8 16	6 33	0 26	15 12	1 12	16 16	1 47	16 20	0 44	20 32	1 5	6 0	13 38	6 7	6 26	28 44			n.a.
S 14	17 54	18 54	2 30	18 5	1 29	7 7	8 23	6 17	0 25	15 8	1 12	16 17	1 47	16 19	0 44	20 32	1 5	5 59	13 37	6 7	6 25	28 44			n.a.
M15	17 37	23 1	3 22	17 29	1 25	7 11	8 30	6 0	0 24	15 3	1 12	16 18	1 47	16 18	0 44	20 32	1 5	5 58	13 37	6 7	6 24	28 45			n.a.
T 16	17 21	26 7	4 5	16 52	1 20	7 16	8 35	5 43	0 24	14 59	1 12	16 18	1 47	16 17	0 44	20 32	1 5	5 57	13 36	6 6	6 23	28 45			n.a.
W17	17 4	28 4	4 36	16 14	1 16	7 22	8 39	5 26	0 23	14 55	1 12	16 19	1 47	16 15	0 44	20 32	1 5	5 56	13 36	6 3	6 21	28 45			n.a.
T 18	16 46	28 44	4 56	15 35	1 10	7 30	8 43	5 9	0 22	14 50	1 12	16 20	1 47	16 14	0 44	20 32	1 5	5 55	13 36	6 0	6 20	28 45			n.a.
F 19	16 29	28 3	5 4	14 56	1 5	7 38	8 46	4 52	0 22	14 46	1 12	16 20	1 47	16 13	0 44	20 32	1 5	5 54	13 35	5 56	6 19	28 46			n.a.
S 20	16 11	26 4	4 57	14 16	0 59	7 47	8 47	4 35	0 21	14 41	1 12	16 21	1 47	16 12	0 44	20 32	1 5	5 54	13 35	5 52	6 18	28 46			n.a.
S 21	15 53	22 51	4 38	13 36	0 54	7 57	8 48	4 18	0 20	14 37	1 12	16 21	1 47	16 11	0 44	20 32	1 5	5 53	13 34	5 48	6 16	28 46			n.a.
M22	15 35	18 36	4 5	12 56	0 48	8 8	8 48	4 0	0 19	14 33	1 12	16 22	1 48	16 9	0 44	20 32	1 5	5 52	13 34	5 44	6 15	28 46			n.a.
T 23	15 16	13 30	3 20	12 15	0 41	8 19	8 47	3 43	0 19	14 28	1 12	16 22	1 48	16 8	0 44	20 32	1 5	5 51	13 33	5 40	6 14	28 47			n.a.
W24	14 57	7 47	2 24	11 33	0 35	8 31	8 45	3 26	0 18	14 24	1 12	16 23	1 48	16 7	0 44	20 32	1 5	5 50	13 33	5 38	6 13	28 47			n.a.
T 25	14 38	1 39	1 20	10 52	0 29	8 43	8 42	3 8	0 17	14 19	1 12	16 23	1 48	16 6	0 44	20 32	1 5	5 49	13 32	5 37	6 11	28 47			n.a.
F 26	14 19	4n39	0 11	10 10	0 22	8 56	8 38	2 51	0 17	14 15	1 12	16 24	1 48	16 5	0 44	20 32	1 5	5 48	13 32	5 36	6 10	28 47			n.a.
S 27	13 59	10 51	1n 0	9 28	0 15	9 10	8 33	2 33	0 16	14 10	1 12	16 24	1 48	16 3	0 44	20 32	1 5	5 47	13 31	5 36	6 9	28 47			n.a.
S 28	13 39	16 40	2 9	8 46	0 8	9 23	8 28	2 16	0 15	14 6	1 12	16 25	1 48	16 2	0 44	20 32	1 5	5 46	13 31	5 37	6 8	28 48			n.a.
M29	13 19	21 46	3 12	8 4	0 1	9 37	8 21	1 58	0 14	14 1	1 12	16 25	1 48	16 1	0 44	20 32	1 5	5 45	13 31	5 37	6 6	28 48			n.a.
T 30	12 59	25 45	4 5	7 22	0s 6	9 51	8 14	1 41	0 14	13 57	1 12	16 25	1 49	16 0	0 44	20 32	1 5	5 44	13 30	5 37	6 5	28 48			n.a.
W31	12n38	28n12	4n43	6n40	0s13	10n 5	8s 6	1n23	0n13	13n52	1n12	16n25	1s49	15n59	0n44	20s32	1n 5	5n43	13n30	5n36	6n 4	28s48			n.a.

Julian Day Number = 1365881.5, Delta T = 06h54m54s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°30'52, Lahiri = -17°23'52 Julian Calendar 1 Aug. 974 BCE == Greg. Calendar 23 July 974 BCE

The year -973 astronomical counting style corresponds to year 974 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 974 BCE
geocentric

SEPTEMBER 974 BCE (-973) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 0 48	28♌10'12	5♋19	14♍19	10°R 4	27♍46	27♌ 7	20♉35	19♌19	5♐44	16♎55	13°R55	15♈ 7	1♑18	n.a.	T 1
F 2	22 4 44	29° 9'38	19°58	15°50	9♌43	28°28	27°20	20°36	19°23	5°45	16°57	13♈49	15° 4	1°25	n.a.	F 2
S 3	22 8 41	0♍ 9'06	4♌41	17°20	9°25	29°11	27°33	20°37	19°26	5°45	16°58	13°42	15° 1	1°31	n.a.	S 3
S 4	22 12 37	1° 8'36	19°18	18°48	9° 9	29°53	27°46	20°39	19°30	5°45	17° 0	13°35	14°58	1°38	n.a.	S 4
M 5	22 16 34	2° 8'08	3♍44	20°17	8°55	0♎35	28° 0	20°39	19°34	5°45	17° 2	13°29	14°55	1°45	n.a.	M 5
T 6	22 20 30	3° 7'42	17°52	21°44	8°44	1°18	28°13	20°40	19°38	5°45	17° 4	13°25	14°51	1°52	n.a.	T 6
W 7	22 24 27	4° 7'19	1♎37	23°10	8°35	2° 1	28°26	20°41	19°41	5°46	17° 6	13°23	14°48	1°58	n.a.	W 7
T 8	22 28 24	5° 6'57	14°58	24°36	8°28	2°43	28°39	20°42	19°45	5°46	17° 8	13°D22	14°45	2° 5	n.a.	T 8
F 9	22 32 20	6° 6'38	27°55	26° 1	8°24	3°26	28°52	20°42	19°49	5°47	17°10	13°23	14°42	2°12	n.a.	F 9
S 10	22 36 17	7° 6'20	10♏30	27°25	8°D23	4° 9	29° 5	20°42	19°52	5°47	17°12	13°24	14°39	2°18	n.a.	S 10
S 11	22 40 13	8° 6'04	22°48	28°47	8°23	4°52	29°18	20°43	19°56	5°47	17°14	13°26	14°35	2°25	n.a.	S 11
M12	22 44 10	9° 5'50	4♐53	0♎ 9	8°26	5°35	29°31	20°43	20° 0	5°48	17°16	13°R27	14°32	2°32	n.a.	M12
T 13	22 48 6	10° 5'38	16°48	1°30	8°32	6°18	29°44	20°R43	20° 3	5°48	17°18	13°27	14°29	2°39	n.a.	T 13
W14	22 52 3	11° 5'28	28°41	2°50	8°40	7° 1	29°57	20°43	20° 7	5°49	17°20	13°25	14°26	2°45	n.a.	W14
T 15	22 55 59	12° 5'20	10♑34	4° 9	8°49	7°44	0♍10	20°42	20°11	5°50	17°22	13°22	14°23	2°52	n.a.	T 15
F 16	22 59 56	13° 5'14	22°33	5°26	9° 2	8°27	0°23	20°42	20°14	5°50	17°24	13°18	14°20	2°59	n.a.	F 16
S 17	23 3 52	14° 5'09	4♒40	6°42	9°16	9°10	0°36	20°42	20°18	5°51	17°26	13°13	14°16	3° 6	n.a.	S 17
S 18	23 7 49	15° 5'07	16°59	7°57	9°32	9°54	0°48	20°41	20°21	5°51	17°28	13° 8	14°13	3°12	n.a.	S 18
M19	23 11 46	16° 5'06	29°31	9°10	9°50	10°37	1° 1	20°40	20°25	5°52	17°30	13° 3	14°10	3°19	n.a.	M19
T 20	23 15 42	17° 5'07	12♓17	10°21	10°10	11°20	1°14	20°40	20°28	5°53	17°32	13° 0	14° 7	3°26	n.a.	T 20
W21	23 19 39	18° 5'10	25°18	11°31	10°33	12° 4	1°27	20°39	20°32	5°54	17°34	12°57	14° 4	3°32	n.a.	W21
T 22	23 23 35	19° 5'15	8♈31	12°38	10°56	12°47	1°40	20°38	20°35	5°55	17°36	12°D56	14° 0	3°39	n.a.	T 22
F 23	23 27 32	20° 5'22	21°58	13°43	11°22	13°31	1°53	20°37	20°39	5°55	17°39	12°56	13°57	3°46	n.a.	F 23
S 24	23 31 28	21° 5'32	5♉36	14°46	11°50	14°15	2° 5	20°35	20°42	5°56	17°41	12°57	13°54	3°53	n.a.	S 24
S 25	23 35 25	22° 5'43	19°24	15°46	12°19	14°58	2°18	20°34	20°46	5°57	17°43	12°59	13°51	3°59	n.a.	S 25
M26	23 39 21	23° 5'57	3♊20	16°42	12°49	15°42	2°31	20°33	20°49	5°58	17°45	13° 0	13°48	4° 6	n.a.	M26
T 27	23 43 18	24° 6'13	17°25	17°35	13°22	16°26	2°43	20°31	20°52	5°59	17°47	13° 1	13°45	4°13	n.a.	T 27
W28	23 47 15	25° 6'32	1♋35	18°25	13°55	17°10	2°56	20°29	20°56	6° 0	17°50	13°R 1	13°41	4°19	n.a.	W28
T 29	23 51 11	26° 6'52	15°50	19°10	14°30	17°54	3° 9	20°28	20°59	6° 1	17°52	13° 0	13°38	4°26	n.a.	T 29
F 30	23 55 8	27♍ 7'15	0♌ 6	19♎50	15♌ 7	18♎38	3♍21	20♉26	21♌ 2	6♐ 2	17♎54	12♈59	13♈35	4♑33	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n18	28n47	5n 5	5n58	0s20	10n19	7s58	1n 5	0n12	13n48	1n12	16n26	1s49	15n57	0n44	20s32	1n 5	5n41	13n29	5n34	6n 3	28s48		n.a.
F 2	11 57	27 21	5 6	5 16	0 27	10 33	7 49	0 48	0 12	13 43	1 12	16 26	1 49	15 56	0 44	20 33	1 5	5 40	13 29	5 32	6 1	28 48		n.a.
S 3	11 36	24 3	4 48	4 34	0 34	10 47	7 40	0 30	0 11	13 39	1 13	16 26	1 49	15 55	0 44	20 33	1 4	5 39	13 29	5 29	6 0	28 49		n.a.
S 4	11 14	19 13	4 11	3 52	0 41	11 1	7 30	0 12	0 10	13 34	1 13	16 26	1 49	15 54	0 44	20 33	1 4	5 38	13 28	5 27	5 59	28 49		n.a.
M 5	10 53	13 21	3 18	3 10	0 48	11 14	7 20	0s 6	0 9	13 29	1 13	16 26	1 49	15 53	0 44	20 33	1 4	5 37	13 28	5 24	5 58	28 49		n.a.
T 6	10 31	6 55	2 14	2 29	0 56	11 28	7 9	0 23	0 9	13 25	1 13	16 26	1 49	15 51	0 44	20 33	1 4	5 36	13 27	5 23	5 57	28 49		n.a.
W 7	10 9	0 19	1 3	1 48	1 3	11 40	6 58	0 41	0 8	13 20	1 13	16 27	1 50	15 50	0 44	20 33	1 4	5 35	13 27	5 22	5 55	28 49		n.a.
T 8	9 47	6s 7	0s 9	1 7	1 10	11 53	6 47	0 59	0 7	13 16	1 13	16 27	1 50	15 49	0 44	20 33	1 4	5 34	13 27	5 21	5 54	28 49		n.a.
F 9	9 25	12 7	1 18	0 26	1 17	12 5	6 35	1 17	0 7	13 11	1 13	16 27	1 50	15 48	0 44	20 33	1 4	5 33	13 26	5 22	5 53	28 49		n.a.
S 10	9 2	17 27	2 22	0s14	1 24	12 17	6 24	1 35	0 6	13 7	1 13	16 27	1 50	15 47	0 44	20 33	1 4	5 32	13 26	5 22	5 52	28 49		n.a.
S 11	8 40	21 57	3 18	0 54	1 31	12 28	6 12	1 53	0 5	13 2	1 13	16 26	1 50	15 46	0 44	20 33	1 4	5 31	13 26	5 23	5 50	28 49		n.a.
M12	8 17	25 27	4 4	1 33	1 38	12 39	6 0	2 11	0 5	12 57	1 13	16 26	1 50	15 44	0 44	20 34	1 4	5 30	13 25	5 23	5 49	28 49		n.a.
T 13	7 54	27 47	4 39	2 12	1 44	12 49	5 48	2 29	0 4	12 53	1 13	16 26	1 50	15 43	0 44	20 34	1 4	5 29	13 25	5 23	5 48	28 49		n.a.
W14	7 31	28 50	5 2	2 50	1 51	12 58	5 36	2 47	0 3	12 48	1 13	16 26	1 50	15 42	0 44	20 34	1 4	5 28	13 25	5 23	5 47	28 49		n.a.
T 15	7 8	28 34	5 12	3 28	1 57	13 7	5 24	3 5	0 2	12 44	1 13	16 26	1 51	15 41	0 44	20 34	1 4	5 27	13 24	5 21	5 45	28 49		n.a.
F 16	6 45	26 57	5 8	4 4	2 3	13 16	5 12	3 23	0 2	12 39	1 13	16 26	1 51	15 40	0 44	20 34	1 4	5 26	13 24	5 20	5 44	28 49		n.a.
S 17	6 21	24 5	4 51	4 41	2 9	13 24	5 0	3 40	0 1	12 34	1 13	16 26	1 51	15 39	0 44	20 34	1 4	5 25	13 24	5 18	5 43	28 49		n.a.
S 18	5 58	20 6	4 20	5 16	2 15	13 31	4 48	3 58	0 0	12 30	1 13	16 25	1 51	15 38	0 44	20 34	1 4	5 23	13 23	5 16	5 42	28 49		n.a.
M19	5 34	15 11	3 36	5 50	2 21	13 38	4 36	4 16	0s 0	12 25	1 13	16 25	1 51	15 36	0 44	20 35	1 4	5 22	13 23	5 14	5 40	28 49		n.a.
T 20	5 11	9 31	2 40	6 24	2 26	13 44	4 24	4 34	0 1	12 21	1 13	16 25	1 51	15 35	0 44	20 35	1 4	5 21	13 23	5 13	5 39	28 49		n.a.
W21	4 47	3 21	1 35	6 56	2 31	13 49	4 13	4 52	0 2	12 16	1 14	16 24	1 51	15 34	0 44	20 35	1 4	5 20	13 22	5 12	5 38	28 49		n.a.
T 22	4 23	3n 4	0 24	7 27	2 36	13 54	4 1	5 10	0 2	12 12	1 14	16 24	1 51	15 33	0 44	20 35	1 4	5 19	13 22	5 11	5 37	28 49		n.a.
F 23	3 59	9 27	0n49	7 57	2 40	13 58	3 50	5 28	0 3	12 7	1 14	16 24	1 52	15 32	0 44	20 35	1 4	5 18	13 22	5 11	5 35	28 49		n.a.
S 24	3 35	15 30	2 2	8 25	2 44	14 1	3 38	5 46	0 4	12 2	1 14	16 23	1 52	15 31	0 44	20 36	1 3	5 17	13 22	5 12	5 34	28 49		n.a.
S 25	3 11	20 51	3 7	8 52	2 47	14 4	3 27	6 3	0 4	11 58	1 14	16 23	1 52	15 30	0 44	20 36	1 3	5 16	13 21	5 12	5 33	28 49		n.a.
M26	2 47	25 7	4 3	9 16	2 50	14 6	3 16	6 21	0 5	11 53	1 14	16 22	1 52	15 29	0 44	20 36	1 3	5 15	13 21	5 13	5 32	28 49		n.a.
T 27	2 23	27 56	4 45	9 39	2 52	14 7	3 5	6 39	0 6	11 49	1 14	16 22	1 52	15 28	0 44	20 36	1 3	5 14	13 21	5 13	5 30	28 49		n.a.
W28	1 58	28 57	5 9	10 0	2 54	14 8	2 54	6 57	0 7	11 44	1 14	16 21	1 52	15 27	0 44	20 36	1 3	5 13	13 21	5 13	5 29	28 49		n.a.
T 29	1 34	28 4	5 15	10 18	2 55	14 8	2 44	7 14	0 7	11 40	1 14	16 21	1 52	15 26	0 44	20 37	1 3	5 12	13 20	5 13	5 28	28 49		n.a.
F 30	1n10	25n21	5n 1	10s34	2s55	14n 7	2s33	7s32	0s 8	11n35	1n14	16n20	1s52	15n25	0n45	20s37	1n 3	5n11	13n20	5n12	5n27	28s49		n.a.

Julian Day Number = 1365912.5, Delta T = 06h54m53s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°30'48, Lahiri = -17°23'47 Julian Calendar 1 Sept. 974 BCE == Greg. Calendar 23 Aug. 974 BCE

The year -973 astronomical counting style corresponds to year 974 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 974 BCE
geocentric

OCTOBER 974 BCE (-973) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 59 4	28♍ 7'40	14♌20	20♎24	15♌45	19♎22	3♍34	20°R24	21♌ 6	6♐ 3	17♎56	12°R57	13♈32	4♉40	n.a.	S 1
S 2	0 3 1	29° 8'07	28°28	20°53	16°24	20° 6	3°46	20♉22	21° 9	6° 4	17°59	12♈55	13°29	4°46	n.a.	S 2
M 3	0 6 57	0♎ 8'35	12♍27	21°15	17° 4	20°51	3°58	20°20	21°12	6° 5	18° 1	12°53	13°26	4°53	n.a.	M 3
T 4	0 10 54	1° 9'06	26°12	21°30	17°45	21°35	4°11	20°17	21°15	6° 7	18° 3	12°52	13°22	5° 0	n.a.	T 4
W 5	0 14 50	2° 9'38	9♎40	21°R37	18°28	22°19	4°23	20°15	21°18	6° 8	18° 6	12°D52	13°19	5° 7	n.a.	W 5
T 6	0 18 47	3°10'12	22°51	21°35	19°12	23° 4	4°35	20°12	21°21	6° 9	18° 8	12°52	13°16	5°13	n.a.	T 6
F 7	0 22 43	4°10'48	5♏43	21°23	19°56	23°48	4°48	20°10	21°24	6°10	18°10	12°52	13°13	5°20	n.a.	F 7
S 8	0 26 40	5°11'25	18°17	21° 2	20°42	24°33	5° 0	20° 7	21°27	6°12	18°13	12°53	13°10	5°27	n.a.	S 8
S 9	0 30 37	6°12'03	0♐35	20°31	21°29	25°17	5°12	20° 4	21°30	6°13	18°15	12°54	13° 6	5°33	n.a.	S 9
M10	0 34 33	7°12'44	12°41	19°49	22°16	26° 2	5°24	20° 1	21°33	6°14	18°17	12°54	13° 3	5°40	n.a.	M10
T 11	0 38 30	8°13'25	24°38	18°58	23° 5	26°46	5°36	19°58	21°36	6°16	18°20	12°55	13° 0	5°47	n.a.	T 11
W12	0 42 26	9°14'08	6♉31	17°57	23°54	27°31	5°48	19°55	21°39	6°17	18°22	12°R55	12°57	5°54	n.a.	W12
T 13	0 46 23	10°14'52	18°24	16°48	24°44	28°16	6° 0	19°52	21°42	6°19	18°25	12°55	12°54	6° 0	n.a.	T 13
F 14	0 50 19	11°15'37	0♒22	15°32	25°35	29° 1	6°12	19°49	21°45	6°20	18°27	12°55	12°51	6° 7	n.a.	F 14
S 15	0 54 16	12°16'24	12°30	14°13	26°27	29°46	6°24	19°45	21°48	6°22	18°29	12°55	12°47	6°14	n.a.	S 15
S 16	0 58 12	13°17'12	24°52	12°51	27°20	0♏31	6°35	19°42	21°50	6°23	18°32	12°D55	12°44	6°20	n.a.	S 16
M17	1 2 9	14°18'00	7♓31	11°30	28°13	1°16	6°47	19°38	21°53	6°25	18°34	12°55	12°41	6°27	n.a.	M17
T 18	1 6 6	15°18'50	20°28	10°13	29° 7	2° 1	6°59	19°35	21°56	6°26	18°37	12°55	12°38	6°34	n.a.	T 18
W19	1 10 2	16°19'42	3♈45	9° 2	0♍ 2	2°46	7°10	19°31	21°58	6°28	18°39	12°55	12°35	6°41	n.a.	W19
T 20	1 13 59	17°20'34	17°22	7°59	0°57	3°31	7°22	19°27	22° 1	6°29	18°41	12°R55	12°31	6°47	n.a.	T 20
F 21	1 17 55	18°21'28	1♉15	7° 6	1°53	4°16	7°33	19°24	22° 3	6°31	18°44	12°55	12°28	6°54	n.a.	F 21
S 22	1 21 52	19°22'24	15°22	6°25	2°49	5° 1	7°44	19°20	22° 6	6°33	18°46	12°54	12°25	7° 1	n.a.	S 22
S 23	1 25 48	20°23'20	29°39	5°54	3°46	5°47	7°56	19°16	22° 8	6°34	18°49	12°54	12°22	7° 8	n.a.	S 23
M24	1 29 45	21°24'18	14♊ 0	5°35	4°44	6°32	8° 7	19°12	22°11	6°36	18°51	12°53	12°19	7°14	n.a.	M24
T 25	1 33 41	22°25'18	28°21	5°D28	5°42	7°18	8°18	19° 7	22°13	6°38	18°53	12°52	12°16	7°21	n.a.	T 25
W26	1 37 38	23°26'19	12♋39	5°31	6°41	8° 3	8°29	19° 3	22°15	6°40	18°56	12°51	12°12	7°28	n.a.	W26
T 27	1 41 35	24°27'22	26°50	5°45	7°40	8°49	8°40	18°59	22°18	6°41	18°58	12°D51	12° 9	7°34	n.a.	T 27
F 28	1 45 31	25°28'25	10♌53	6° 7	8°40	9°34	8°51	18°55	22°20	6°43	19° 1	12°51	12° 6	7°41	n.a.	F 28
S 29	1 49 28	26°29'31	24°45	6°39	9°40	10°20	9° 2	18°50	22°22	6°45	19° 3	12°52	12° 3	7°48	n.a.	S 29
S 30	1 53 24	27°30'37	8♍26	7°17	10°41	11° 5	9°12	18°46	22°24	6°47	19° 5	12°53	12° 0	7°55	n.a.	S 30
M31	1 57 21	28♎31'44	21♍56	8♎ 3	11♍42	11♏51	9♍23	18♉41	22♌26	6♐49	19♎ 8	12♈55	11♈57	8♉ 1	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n45	21n 4	4n30	10s46	2s54	14n 6	2s23	7s50	0s 9	11n31	1n14	16n19	1s52	15n24	0n45	20s37	1n 3	5n10	13n20	5n11	5n25	28s49		n.a.
S 2	0 21	15 38	3 41	10 56	2 52	14 3	2 13	8 7	0 9	11 26	1 15	16 19	1 52	15 22	0 45	20 37	1 3	5 8	13 20	5 11	5 24	28 49		n.a.
M 3	0s 3	9 27	2 40	11 1	2 49	14 1	2 3	8 25	0 10	11 22	1 15	16 18	1 53	15 21	0 45	20 38	1 3	5 7	13 19	5 10	5 23	28 48		n.a.
T 4	0 28	2 55	1 31	11 3	2 45	13 57	1 53	8 42	0 11	11 17	1 15	16 17	1 53	15 20	0 45	20 38	1 3	5 6	13 19	5 10	5 21	28 48		n.a.
W 5	0 52	3s37	0 18	11 1	2 40	13 53	1 44	9 0	0 11	11 13	1 15	16 17	1 53	15 19	0 45	20 38	1 3	5 5	13 19	5 9	5 20	28 48		n.a.
T 6	1 17	9 52	0s55	10 54	2 33	13 48	1 35	9 17	0 12	11 8	1 15	16 16	1 53	15 18	0 45	20 38	1 3	5 4	13 19	5 9	5 19	28 48		n.a.
F 7	1 41	15 34	2 3	10 41	2 24	13 43	1 25	9 34	0 13	11 4	1 15	16 15	1 53	15 18	0 45	20 39	1 3	5 3	13 19	5 10	5 18	28 48		n.a.
S 8	2 6	20 29	3 4	10 24	2 14	13 37	1 16	9 52	0 13	10 59	1 15	16 14	1 53	15 17	0 45	20 39	1 3	5 2	13 18	5 10	5 16	28 48		n.a.
S 9	2 30	24 25	3 55	10 1	2 2	13 30	1 8	10 9	0 14	10 55	1 15	16 13	1 53	15 16	0 45	20 39	1 3	5 1	13 18	5 10	5 15	28 47		n.a.
M10	2 54	27 12	4 34	9 32	1 48	13 22	0 59	10 26	0 15	10 51	1 15	16 13	1 53	15 15	0 45	20 39	1 3	5 0	13 18	5 10	5 14	28 47		n.a.
T 11	3 19	28 43	5 1	8 58	1 33	13 14	0 51	10 43	0 15	10 46	1 16	16 12	1 53	15 14	0 45	20 40	1 3	4 59	13 18	5 11	5 13	28 47		n.a.
W12	3 43	28 54	5 15	8 19	1 16	13 6	0 42	11 0	0 16	10 42	1 16	16 11	1 53	15 13	0 45	20 40	1 3	4 58	13 18	5 11	5 11	28 47		n.a.
T 13	4 7	27 44	5 16	7 35	0 57	12 56	0 34	11 17	0 17	10 37	1 16	16 10	1 53	15 12	0 45	20 40	1 3	4 57	13 18	5 11	5 10	28 47		n.a.
F 14	4 31	25 18	5 2	6 47	0 38	12 46	0 26	11 34	0 17	10 33	1 16	16 9	1 53	15 11	0 45	20 41	1 3	4 56	13 18	5 11	5 9	28 46		n.a.
S 15	4 55	21 43	4 36	5 57	0 17	12 36	0 19	11 51	0 18	10 29	1 16	16 8	1 53	15 10	0 45	20 41	1 3	4 55	13 18	5 11	5 8	28 46		n.a.
S 16	5 19	17 8	3 56	5 6	0n 3	12 25	0 11	12 7	0 19	10 24	1 16	16 7	1 53	15 9	0 45	20 41	1 3	4 54	13 17	5 11	5 6	28 46		n.a.
M17	5 43	11 43	3 4	4 15	0 24	12 13	0 4	12 24	0 19	10 20	1 16	16 6	1 54	15 8	0 45	20 41	1 3	4 53	13 17	5 11	5 5	28 46		n.a.
T 18	6 7	5 41	2 1	3 26	0 44	12 1	0n 3	12 40	0 20	10 16	1 16	16 5	1 54	15 8	0 45	20 42	1 2	4 52	13 17	5 11	5 4	28 45		n.a.
W19	6 31	0n45	0 51	2 41	1 3	11 48	0 10	12 57	0 21	10 12	1 17	16 4	1 54	15 7	0 45	20 42	1 2	4 51	13 17	5 11	5 3	28 45		n.a.
T 20	6 55	7 18	0n25	2 0	1 20	11 34	0 17	13 13	0 21	10 8	1 17	16 3	1 54	15 6	0 45	20 42	1 2	4 50	13 17	5 11	5 1	28 45		n.a.
F 21	7 18	13 39	1 40	1 24	1 35	11 20	0 23	13 29	0 22	10 3	1 17	16 2	1 54	15 5	0 45	20 43	1 2	4 49	13 17	5 11	5 0	28 45		n.a.
S 22	7 42	19 25	2 50	0 55	1 49	11 5	0 30	13 45	0 22	9 59	1 17	16 1	1 54	15 4	0 45	20 43	1 2	4 48	13 17	5 10	4 59	28 44		n.a.
S 23	8 5	24 9	3 51	0 32	2 1	10 50	0 36	14 1	0 23	9 55	1 17	15 59	1 54	15 4	0 45	20 43	1 2	4 47	13 17	5 10	4 58	28 44		n.a.
M24	8 28	27 25	4 37	0 16	2 10	10 35	0 42	14 17	0 24	9 51	1 17	15 58	1 54	15 3	0 45	20 44	1 2	4 46	13 17	5 10	4 56	28 44		n.a.
T 25	8 52	28 55	5 6	0 6	2 18	10 18	0 48	14 33	0 24	9 47	1 18	15 57	1 54	15 2	0 45	20 44	1 2	4 45	13 17	5 9	4 55	28 43		n.a.
W26	9 15	28 27	5 16	0 2	2 24	10 2	0 54	14 48	0 25	9 43	1 18	15 56	1 54	15 1	0 45	20 44	1 2	4 44	13 17	5 9	4 54	28 43		n.a.
T 27	9 37	26 8	5 7	0 3	2 28	9 44	0 59	15 4	0 26	9 39	1 18	15 55	1 54	15 1	0 45	20 45	1 2	4 44	13 17	5 9	4 53	28 43		n.a.
F 28	10 0	22 15	4 39	0 10	2 31	9 27	1 5	15 19	0 26	9 35	1 18	15 54	1 54	15 0	0 45	20 45	1 2	4 43	13 17	5 9	4 51	28 42		n.a.
S 29	10 23	17 10	3 56	0 21	2 33	9 8	1 10	15 34	0 27	9 31	1 18	15 52	1 54	14 59	0 45	20 45	1 2	4 42	13 17	5 10	4 50	28 42		n.a.
S 30	10 45	11 18	2 59	0 36	2 33	8 50	1 15	15 49	0 28	9 27	1 18	15 51	1 54	14 59	0 46	20 46	1 2	4 41	13 17	5 10	4 49	28 42		n.a.
M31	11s 7	4n59	1n53	0s55	2n32	8n30	1n20	16s 4	0s28	9n23	1n19	15n50	1s54	14n58	0n46	20s46	1n 2	4n40	13n17	5n11	4n48	28s41		n.a.

Julian Day Number = 1365942.5, Delta T = 06h54m51s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°30'44, Lahiri = -17°23'43 Julian Calendar 1 Oct. 974 BCE == Greg. Calendar 22 Sept. 974 BCE

The year -973 astronomical counting style corresponds to year 974 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 974 BCE
geocentric

NOVEMBER 974 BCE (-973) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 1 17	29♎32'53	5♎14	8♎54	12♍43	12♏37	9♍33	18°R37	22♌28	6♐51	19♎10	12♈55	11♈53	8♉ 8	n.a.	T 1
W 2	2 5 14	0♏34'02	18°19	9°50	13°45	13°23	9°44	18♉32	22°30	6°53	19°12	12°R55	11°50	8°15	n.a.	W 2
T 3	2 9 10	1°35'13	1♏11	10°51	14°48	14° 8	9°54	18°28	22°32	6°55	19°15	12°55	11°47	8°22	n.a.	T 3
F 4	2 13 7	2°36'24	13°50	11°56	15°50	14°54	10° 4	18°23	22°34	6°56	19°17	12°53	11°44	8°28	n.a.	F 4
S 5	2 17 4	3°37'36	26°16	13° 5	16°53	15°40	10°15	18°18	22°36	6°58	19°19	12°50	11°41	8°35	n.a.	S 5
S 6	2 21 0	4°38'49	8♐30	14°16	17°57	16°26	10°25	18°13	22°38	7° 0	19°22	12°46	11°37	8°42	n.a.	S 6
M 7	2 24 57	5°40'02	20°34	15°30	19° 0	17°12	10°35	18° 9	22°39	7° 2	19°24	12°42	11°34	8°48	n.a.	M 7
T 8	2 28 53	6°41'16	2♑31	16°46	20° 5	17°58	10°44	18° 4	22°41	7° 4	19°26	12°38	11°31	8°55	n.a.	T 8
W 9	2 32 50	7°42'30	14°23	18° 4	21° 9	18°45	10°54	17°59	22°43	7° 6	19°29	12°35	11°28	9° 2	n.a.	W 9
T 10	2 36 46	8°43'44	26°15	19°24	22°14	19°31	11° 4	17°54	22°44	7° 8	19°31	12°33	11°25	9° 9	n.a.	T 10
F 11	2 40 43	9°44'59	8♒10	20°45	23°19	20°17	11°13	17°49	22°46	7°11	19°33	12°D32	11°22	9°15	n.a.	F 11
S 12	2 44 40	10°46'14	20°15	22° 8	24°24	21° 3	11°23	17°44	22°47	7°13	19°36	12°33	11°18	9°22	n.a.	S 12
S 13	2 48 36	11°47'29	2♓34	23°32	25°29	21°49	11°32	17°39	22°49	7°15	19°38	12°34	11°15	9°29	n.a.	S 13
M14	2 52 33	12°48'44	15°11	24°56	26°35	22°36	11°41	17°34	22°50	7°17	19°40	12°36	11°12	9°35	n.a.	M14
T 15	2 56 29	13°49'59	28°10	26°22	27°41	23°22	11°51	17°29	22°51	7°19	19°42	12°37	11° 9	9°42	n.a.	T 15
W16	3 0 26	14°51'15	11♈34	27°48	28°48	24° 8	12° 0	17°24	22°53	7°21	19°45	12°R38	11° 6	9°49	n.a.	W16
T 17	3 4 22	15°52'30	25°23	29°15	29°54	24°55	12° 8	17°19	22°54	7°23	19°47	12°37	11° 3	9°56	n.a.	T 17
F 18	3 8 19	16°53'46	9♉37	0♏43	1♎ 1	25°41	12°17	17°14	22°55	7°25	19°49	12°35	10°59	10° 2	n.a.	F 18
S 19	3 12 15	17°55'02	24°10	2°11	2° 8	26°28	12°26	17° 9	22°56	7°28	19°51	12°31	10°56	10° 9	n.a.	S 19
S 20	3 16 12	18°56'18	8♊56	3°40	3°15	27°14	12°34	17° 4	22°57	7°30	19°53	12°26	10°53	10°16	n.a.	S 20
M21	3 20 9	19°57'35	23°47	5° 9	4°23	28° 1	12°43	16°59	22°58	7°32	19°56	12°20	10°50	10°23	n.a.	M21
T 22	3 24 5	20°58'52	8♋35	6°39	5°31	28°47	12°51	16°54	22°59	7°34	19°58	12°14	10°47	10°29	n.a.	T 22
W23	3 28 2	22° 0'09	23°13	8° 9	6°39	29°34	12°59	16°49	23° 0	7°36	20° 0	12° 9	10°43	10°36	n.a.	W23
T 24	3 31 58	23° 1'26	7♌35	9°39	7°47	0♐21	13° 7	16°44	23° 1	7°38	20° 2	12° 7	10°40	10°43	n.a.	T 24
F 25	3 35 55	24° 2'43	21°39	11°10	8°55	1° 7	13°15	16°39	23° 2	7°41	20° 4	12°D 5	10°37	10°49	n.a.	F 25
S 26	3 39 51	25° 4'01	5♍23	12°41	10° 4	1°54	13°23	16°35	23° 2	7°43	20° 6	12° 6	10°34	10°56	n.a.	S 26
S 27	3 43 48	26° 5'19	18°49	14°13	11°12	2°41	13°30	16°30	23° 3	7°45	20° 8	12° 7	10°31	11° 3	n.a.	S 27
M28	3 47 45	27° 6'37	1♎59	15°45	12°21	3°27	13°38	16°25	23° 3	7°47	20°10	12° 8	10°28	11°10	n.a.	M28
T 29	3 51 41	28° 7'55	14°54	17°17	13°30	4°14	13°45	16°20	23° 4	7°50	20°12	12°R 9	10°24	11°16	n.a.	T 29
W30	3 55 38	29♏ 9'13	27♎37	18♏50	14♎39	5♐ 1	13♍53	16♉15	23♌ 4	7♐52	20♎14	12♈ 7	10♈21	11♉23	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s29	1s28	0n42	1s17	2n30	8n11	1n24	16s19	0s29	9n19	1n19	15n49	1s54	14n57	0n46	20s46	1n 2	4n39	13n17	5n11	4n46	28s41		n.a.
W 2	11 51	7 45	0s30	1 42	2 27	7 51	1 29	16 34	0 29	9 15	1 19	15 47	1 54	14 57	0 46	20 47	1 2	4 38	13 17	5 11	4 45	28 41		n.a.
T 3	12 13	13 37	1 39	2 9	2 24	7 30	1 33	16 48	0 30	9 12	1 19	15 46	1 54	14 56	0 46	20 47	1 2	4 37	13 17	5 11	4 44	28 40		n.a.
F 4	12 34	18 49	2 42	2 39	2 20	7 9	1 37	17 3	0 31	9 8	1 19	15 45	1 54	14 56	0 46	20 48	1 2	4 36	13 17	5 10	4 43	28 40		n.a.
S 5	12 55	23 7	3 36	3 10	2 16	6 48	1 41	17 17	0 31	9 4	1 19	15 44	1 54	14 55	0 46	20 48	1 2	4 36	13 17	5 9	4 41	28 39		n.a.
S 6	13 16	26 20	4 20	3 43	2 10	6 27	1 45	17 31	0 32	9 0	1 20	15 42	1 54	14 54	0 46	20 48	1 2	4 35	13 17	5 7	4 40	28 39		n.a.
M 7	13 37	28 18	4 51	4 17	2 5	6 5	1 49	17 45	0 32	8 57	1 20	15 41	1 54	14 54	0 46	20 49	1 2	4 34	13 17	5 6	4 39	28 39		n.a.
T 8	13 58	28 56	5 9	4 51	1 59	5 42	1 52	17 59	0 33	8 53	1 20	15 40	1 54	14 53	0 46	20 49	1 2	4 33	13 17	5 4	4 37	28 38		n.a.
W 9	14 18	28 13	5 13	5 27	1 53	5 20	1 55	18 12	0 34	8 49	1 20	15 38	1 54	14 53	0 46	20 49	1 2	4 32	13 17	5 3	4 36	28 38		n.a.
T 10	14 38	26 13	5 5	6 4	1 47	4 57	1 59	18 26	0 34	8 46	1 20	15 37	1 54	14 52	0 46	20 50	1 2	4 32	13 17	5 2	4 35	28 37		n.a.
F 11	14 58	23 3	4 43	6 41	1 40	4 33	2 2	18 39	0 35	8 42	1 21	15 36	1 54	14 52	0 46	20 50	1 2	4 31	13 17	5 2	4 34	28 37		n.a.
S 12	15 17	18 53	4 8	7 18	1 34	4 10	2 5	18 52	0 35	8 39	1 21	15 34	1 53	14 51	0 46	20 50	1 2	4 30	13 17	5 2	4 32	28 36		n.a.
S 13	15 37	13 51	3 22	7 56	1 27	3 46	2 7	19 5	0 36	8 36	1 21	15 33	1 53	14 51	0 46	20 51	1 2	4 29	13 17	5 2	4 31	28 36		n.a.
M14	15 56	8 9	2 25	8 34	1 20	3 21	2 10	19 18	0 36	8 32	1 21	15 32	1 53	14 51	0 46	20 51	1 2	4 28	13 17	5 3	4 30	28 35		n.a.
T 15	16 14	1 56	1 18	9 12	1 13	2 57	2 12	19 30	0 37	8 29	1 22	15 30	1 53	14 50	0 46	20 52	1 2	4 28	13 17	5 4	4 29	28 35		n.a.
W16	16 33	4n33	0 6	9 50	1 5	2 32	2 15	19 42	0 38	8 26	1 22	15 29	1 53	14 50	0 46	20 52	1 2	4 27	13 18	5 4	4 27	28 34		n.a.
T 17	16 51	11 2	1n 9	10 28	0 58	2 7	2 17	19 54	0 38	8 22	1 22	15 28	1 53	14 49	0 46	20 52	1 2	4 26	13 18	5 4	4 26	28 34		n.a.
F 18	17 9	17 9	2 22	11 6	0 51	1 42	2 19	20 6	0 39	8 19	1 22	15 26	1 53	14 49	0 46	20 53	1 2	4 26	13 18	5 3	4 25	28 33		n.a.
S 19	17 26	22 26	3 27	11 44	0 44	1 17	2 21	20 18	0 39	8 16	1 22	15 25	1 53	14 49	0 46	20 53	1 1	4 25	13 18	5 1	4 24	28 33		n.a.
S 20	17 43	26 24	4 19	12 22	0 37	0 51	2 22	20 30	0 40	8 13	1 23	15 24	1 53	14 49	0 46	20 53	1 1	4 24	13 18	4 59	4 22	28 32		n.a.
M21	18 0	28 34	4 54	12 59	0 29	0 25	2 24	20 41	0 40	8 10	1 23	15 22	1 53	14 48	0 46	20 54	1 1	4 24	13 18	4 57	4 21	28 32		n.a.
T 22	18 17	28 40	5 9	13 36	0 22	0s 0	2 25	20 52	0 41	8 7	1 23	15 21	1 53	14 48	0 47	20 54	1 1	4 23	13 18	4 55	4 20	28 31		n.a.
W23	18 33	26 46	5 4	14 12	0 15	0 27	2 26	21 3	0 41	8 4	1 23	15 20	1 53	14 48	0 47	20 55	1 1	4 22	13 19	4 53	4 19	28 31		n.a.
T 24	18 49	23 10	4 40	14 48	0 8	0 53	2 28	21 13	0 42	8 1	1 24	15 18	1 52	14 47	0 47	20 55	1 1	4 22	13 19	4 52	4 17	28 30		n.a.
F 25	19 5	18 16	3 59	15 24	0 1	1 19	2 29	21 24	0 42	7 58	1 24	15 17	1 52	14 47	0 47	20 55	1 1	4 21	13 19	4 51	4 16	28 29		n.a.
S 26	19 20	12 33	3 6	15 59	0s 6	1 46	2 29	21 34	0 43	7 55	1 24	15 16	1 52	14 47	0 47	20 56	1 1	4 20	13 19	4 51	4 15	28 29		n.a.
S 27	19 35	6 22	2 3	16 33	0 13	2 12	2 30	21 44	0 43	7 53	1 24	15 14	1 52	14 47	0 47	20 56	1 1	4 20	13 19	4 52	4 13	28 28		n.a.
M28	19 49	0 2	0 55	17 7	0 19	2 39	2 31	21 54	0 44	7 50	1 25	15 13	1 52	14 47	0 47	20 57	1 1	4 19	13 19	4 52	4 12	28 28		n.a.
T 29	20 3	6s11	0s15	17 40	0 26	3 6	2 31	22 3	0 45	7 47	1 25	15 12	1 52	14 47	0 47	20 57	1 1	4 19	13 20	4 52	4 11	28 27		n.a.
W30	20s17	12s 4	1s22	18s13	0s32	3s32	2n32	22s12	0s45	7n45	1n25	15n11	1s52	14n47	0n47	20s57	1n 1	4n18	13n20	4n52	4n10	28s26		n.a.

Julian Day Number = 1365973.5, Delta T = 06h54m50s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°30'40, Lahiri = -17°23'39 Julian Calendar 1 Nov. 974 BCE == Greg. Calendar 23 Oct. 974 BCE

The year -973 astronomical counting style corresponds to year 974 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 974 BCE
geocentric

DECEMBER 974 BCE (-973) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 59 34	0♐10'31	10♏ 9	20♏23	15♎49	5♐48	14♍ 0	16°R10	23♌ 5	7♐54	20♎16	12°R 4	10♈18	11♉30	n.a.	T 1
F 2	4 3 31	1°11'49	22°31	21°56	16°58	6°35	14° 6	16♉ 6	23° 5	7°56	20°18	11♈58	10°15	11°37	n.a.	F 2
S 3	4 7 27	2°13'06	4♐45	23°30	18° 8	7°22	14°13	16° 1	23° 6	7°59	20°20	11°49	10°12	11°43	n.a.	S 3
S 4	4 11 24	3°14'23	16°52	25° 4	19°18	8° 9	14°20	15°56	23° 6	8° 1	20°22	11°39	10° 9	11°50	n.a.	S 4
M 5	4 15 20	4°15'40	28°51	26°39	20°27	8°56	14°26	15°52	23° 6	8° 3	20°24	11°28	10° 5	11°57	n.a.	M 5
T 6	4 19 17	5°16'56	10♑46	28°14	21°37	9°43	14°33	15°47	23° 6	8° 6	20°26	11°18	10° 2	12° 3	n.a.	T 6
W 7	4 23 14	6°18'11	22°37	29°49	22°48	10°30	14°39	15°42	23° 6	8° 8	20°28	11° 8	9°59	12°10	n.a.	W 7
T 8	4 27 10	7°19'25	4♒27	1♐25	23°58	11°17	14°45	15°38	23°R 6	8°10	20°29	11° 0	9°56	12°17	n.a.	T 8
F 9	4 31 7	8°20'39	16°21	3° 2	25° 8	12° 4	14°51	15°34	23° 6	8°12	20°31	10°55	9°53	12°24	n.a.	F 9
S 10	4 35 3	9°21'52	28°22	4°38	26°19	12°51	14°57	15°29	23° 6	8°15	20°33	10°52	9°49	12°30	n.a.	S 10
S 11	4 39 0	10°23'04	10♓36	6°16	27°29	13°38	15° 2	15°25	23° 6	8°17	20°35	10°D52	9°46	12°37	n.a.	S 11
M12	4 42 56	11°24'14	23° 6	7°54	28°40	14°25	15° 7	15°21	23° 6	8°19	20°36	10°52	9°43	12°44	n.a.	M12
T 13	4 46 53	12°25'24	5♈59	9°32	29°51	15°12	15°13	15°17	23° 5	8°21	20°38	10°R53	9°40	12°51	n.a.	T 13
W14	4 50 50	13°26'33	19°19	11°11	1♏ 1	15°59	15°18	15°12	23° 5	8°24	20°40	10°53	9°37	12°57	n.a.	W14
T 15	4 54 46	14°27'40	3♉ 7	12°51	2°12	16°46	15°23	15° 8	23° 5	8°26	20°41	10°51	9°34	13° 4	n.a.	T 15
F 16	4 58 43	15°28'47	17°25	14°31	3°23	17°34	15°27	15° 4	23° 4	8°28	20°43	10°46	9°30	13°11	n.a.	F 16
S 17	5 2 39	16°29'52	2♊10	16°12	4°34	18°21	15°32	15° 1	23° 4	8°30	20°45	10°39	9°27	13°17	n.a.	S 17
S 18	5 6 36	17°30'57	17°13	17°53	5°46	19° 8	15°36	14°57	23° 3	8°33	20°46	10°29	9°24	13°24	n.a.	S 18
M19	5 10 32	18°32'01	2♋28	19°35	6°57	19°55	15°41	14°53	23° 3	8°35	20°48	10°19	9°21	13°31	n.a.	M19
T 20	5 14 29	19°33'03	17°41	21°17	8° 8	20°42	15°45	14°49	23° 2	8°37	20°49	10° 8	9°18	13°38	n.a.	T 20
W21	5 18 26	20°34'05	2♌42	23° 0	9°20	21°30	15°49	14°46	23° 1	8°39	20°51	9°59	9°15	13°44	n.a.	W21
T 22	5 22 22	21°35'06	17°24	24°44	10°31	22°17	15°52	14°42	23° 1	8°42	20°52	9°53	9°11	13°51	n.a.	T 22
F 23	5 26 19	22°36'06	1♍41	26°28	11°43	23° 4	15°56	14°39	23° 0	8°44	20°53	9°49	9° 8	13°58	n.a.	F 23
S 24	5 30 15	23°37'05	15°31	28°13	12°55	23°51	15°59	14°36	22°59	8°46	20°55	9°47	9° 5	14° 5	n.a.	S 24
S 25	5 34 12	24°38'03	28°56	29°58	14° 6	24°39	16° 2	14°32	22°58	8°48	20°56	9°D47	9° 2	14°11	n.a.	S 25
M26	5 38 8	25°39'00	11♎59	1♑44	15°18	25°26	16° 6	14°29	22°57	8°51	20°58	9°R47	8°59	14°18	n.a.	M26
T 27	5 42 5	26°39'57	24°43	3°30	16°30	26°13	16° 8	14°26	22°56	8°53	20°59	9°46	8°55	14°25	n.a.	T 27
W28	5 46 1	27°40'52	7♏12	5°17	17°42	27° 1	16°11	14°23	22°55	8°55	21° 0	9°43	8°52	14°31	n.a.	W28
T 29	5 49 58	28°41'46	19°29	7° 3	18°54	27°48	16°13	14°20	22°54	8°57	21° 1	9°37	8°49	14°38	n.a.	T 29
F 30	5 53 55	29°42'39	1♐38	8°50	20° 6	28°35	16°16	14°18	22°53	8°59	21° 2	9°29	8°46	14°45	n.a.	F 30
S 31	5 57 51	0♑43'31	13♐41	10♑37	21♏18	29♐23	16♍18	14♉15	22♌51	9♐ 1	21♎ 4	9♈17	8♈43	14♉52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s30	17s23	2s25	18s44	0s39	3s59	2n32	22s21	0s46	7n42	1n25	15n 9	1s52	14n46	0n47	20s58	1n 1	4n18	13n20	4n50	4n 8	28s26			n.a.
F 2	20 43	21 54	3 20	19 15	0 45	4 26	2 32	22 30	0 46	7 40	1 26	15 8	1 51	14 46	0 47	20 58	1 1	4 17	13 20	4 48	4 7	28 25			n.a.
S 3	20 56	25 25	4 4	19 45	0 51	4 53	2 32	22 39	0 47	7 37	1 26	15 7	1 51	14 46	0 47	20 58	1 1	4 17	13 21	4 45	4 6	28 25			n.a.
S 4	21 8	27 45	4 37	20 15	0 57	5 20	2 32	22 47	0 47	7 35	1 26	15 6	1 51	14 46	0 47	20 59	1 1	4 16	13 21	4 41	4 5	28 24			n.a.
M 5	21 20	28 46	4 58	20 43	1 2	5 47	2 32	22 55	0 47	7 32	1 26	15 5	1 51	14 46	0 47	20 59	1 1	4 16	13 21	4 36	4 3	28 23			n.a.
T 6	21 31	28 26	5 5	21 11	1 8	6 13	2 31	23 3	0 48	7 30	1 27	15 3	1 51	14 46	0 47	21 0	1 1	4 15	13 21	4 32	4 2	28 23			n.a.
W 7	21 42	26 47	4 59	21 37	1 13	6 40	2 31	23 10	0 48	7 28	1 27	15 2	1 51	14 46	0 47	21 0	1 1	4 15	13 21	4 28	4 1	28 22			n.a.
T 8	21 52	23 58	4 40	22 3	1 18	7 7	2 30	23 17	0 49	7 26	1 27	15 1	1 50	14 46	0 47	21 0	1 1	4 14	13 22	4 25	4 0	28 21			n.a.
F 9	22 2	20 8	4 9	22 27	1 23	7 34	2 29	23 24	0 49	7 24	1 27	15 0	1 50	14 46	0 47	21 1	1 1	4 14	13 22	4 23	3 58	28 21			n.a.
S 10	22 12	15 27	3 27	22 50	1 28	8 0	2 29	23 31	0 50	7 22	1 28	14 59	1 50	14 46	0 47	21 1	1 1	4 14	13 22	4 22	3 57	28 20			n.a.
S 11	22 21	10 5	2 34	23 12	1 32	8 27	2 28	23 37	0 50	7 20	1 28	14 58	1 50	14 46	0 47	21 1	1 1	4 13	13 22	4 22	3 56	28 19			n.a.
M12	22 30	4 12	1 33	23 33	1 36	8 53	2 27	23 44	0 51	7 18	1 28	14 57	1 50	14 47	0 47	21 2	1 1	4 13	13 23	4 22	3 54	28 18			n.a.
T 13	22 38	2n 1	0 26	23 53	1 40	9 19	2 26	23 49	0 51	7 16	1 28	14 56	1 49	14 47	0 47	21 2	1 1	4 12	13 23	4 22	3 53	28 18			n.a.
W14	22 46	8 22	0n45	24 11	1 44	9 45	2 25	23 55	0 52	7 15	1 29	14 55	1 49	14 47	0 48	21 3	1 1	4 12	13 23	4 22	3 52	28 17			n.a.
T 15	22 54	14 33	1 55	24 28	1 47	10 11	2 23	24 0	0 52	7 13	1 29	14 54	1 49	14 47	0 48	21 3	1 1	4 12	13 24	4 21	3 51	28 16			n.a.
F 16	23 0	20 11	3 1	24 43	1 50	10 37	2 22	24 5	0 52	7 11	1 29	14 53	1 49	14 47	0 48	21 3	1 1	4 11	13 24	4 20	3 49	28 15			n.a.
S 17	23 7	24 47	3 57	24 57	1 53	11 3	2 20	24 10	0 53	7 10	1 30	14 52	1 49	14 47	0 48	21 4	1 1	4 11	13 24	4 17	3 48	28 15			n.a.
S 18	23 13	27 48	4 38	25 10	1 55	11 28	2 19	24 15	0 53	7 8	1 30	14 51	1 48	14 48	0 48	21 4	1 1	4 11	13 25	4 13	3 47	28 14			n.a.
M19	23 19	28 46	4 59	25 21	1 57	11 53	2 17	24 19	0 54	7 7	1 30	14 50	1 48	14 48	0 48	21 4	1 1	4 10	13 25	4 9	3 46	28 13			n.a.
T 20	23 24	27 34	4 59	25 30	1 59	12 18	2 16	24 23	0 54	7 5	1 30	14 49	1 48	14 48	0 48	21 5	1 1	4 10	13 25	4 5	3 44	28 12			n.a.
W21	23 28	24 23	4 39	25 37	2 0	12 43	2 14	24 27	0 54	7 4	1 31	14 48	1 48	14 48	0 48	21 5	1 1	4 10	13 25	4 1	3 43	28 12			n.a.
T 22	23 32	19 40	4 0	25 43	2 1	13 7	2 12	24 30	0 55	7 3	1 31	14 47	1 48	14 49	0 48	21 5	1 1	4 10	13 26	3 58	3 42	28 11			n.a.
F 23	23 36	13 57	3 7	25 47	2 1	13 32	2 10	24 33	0 55	7 2	1 31	14 47	1 47	14 49	0 48	21 6	1 1	4 10	13 26	3 57	3 41	28 10			n.a.
S 24	23 39	7 42	2 5	25 49	2 1	13 56	2 8	24 36	0 56	7 1	1 32	14 46	1 47	14 49	0 48	21 6	1 1	4 9	13 26	3 56	3 39	28 9			n.a.
S 25	23 42	1 18	0 57	25 49	2 0	14 19	2 6	24 38	0 56	7 0	1 32	14 45	1 47	14 50	0 48	21 7	1 1	4 9	13 27	3 56	3 38	28 8			n.a.
M26	23 44	4s59	0s12	25 48	1 59	14 43	2 4	24 40	0 56	6 59	1 32	14 44	1 47	14 50	0 48	21 7	1 1	4 9	13 27	3 56	3 37	28 7			n.a.
T 27	23 46	10 56	1 18	25 44	1 58	15 6	2 1	24 42	0 57	6 58	1 32	14 44	1 47	14 50	0 48	21 7	1 1	4 9	13 27	3 56	3 35	28 7			n.a.
W28	23 48	16 19	2 19	25 38	1 56	15 28	1 59	24 44	0 57	6 57	1 33	14 43	1 46	14 51	0 48	21 8	1 1	4 9	13 28	3 55	3 34	28 6			n.a.
T 29	23 48	20 58	3 13	25 30	1 53	15 51	1 57	24 45	0 57	6 57	1 33	14 42	1 46	14 51	0 48	21 8	1 1	4 9	13 28	3 52	3 33	28 5			n.a.
F 30	23 49	24 41	3 57	25 20	1 49	16 13	1 54	24 46	0 58	6 56	1 33	14 42	1 46	14 52	0 48	21 8	1 1	4 8	13 28	3 49	3 32	28 4			n.a.
S 31	23s49	27s16	4s30	25s 8	1s45	16s34	1n52	24s47	0s58	6n55	1n34	14n41	1s46	14n52	0n48	21s 9	1n 1	4n 8	13n29	3n44	3n30	28s 3			n.a.

Julian Day Number = 1366003.5, Delta T = 06h54m48s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°30'36, Lahiri = -17°23'35 Julian Calendar 1 Dec. 974 BCE == Greg. Calendar 22 Nov. 974 BCE

The year -973 astronomical counting style corresponds to year 974 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 973 BCE
geocentric

JANUARY 973 BCE (-972) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 1 48	1♑44'21	25♐39	12♑24	22♏30	0♑10	16♍20	14°R12	22°R50	9♐ 4	21♎ 5	9°R 3	8♈40	14♑58	n.a.	S 1
M 2	6 5 44	2°45'10	7♑34	14°10	23°42	0°57	16°21	14♉10	22♌49	9° 6	21° 6	8♈48	8°36	15° 5	n.a.	M 2
T 3	6 9 41	3°45'58	19°26	15°56	24°54	1°45	16°23	14° 8	22°47	9° 8	21° 7	8°33	8°33	15°12	n.a.	T 3
W 4	6 13 37	4°46'44	1♒17	17°41	26° 7	2°32	16°24	14° 5	22°46	9°10	21° 8	8°19	8°30	15°19	n.a.	W 4
T 5	6 17 34	5°47'28	13° 9	19°25	27°19	3°19	16°26	14° 3	22°45	9°12	21° 9	8° 8	8°27	15°25	n.a.	T 5
F 6	6 21 30	6°48'11	25° 5	21° 8	28°31	4° 7	16°26	14° 1	22°43	9°14	21°10	7°59	8°24	15°32	n.a.	F 6
S 7	6 25 27	7°48'52	7♓ 7	22°48	29°44	4°54	16°27	13°59	22°42	9°16	21°11	7°54	8°21	15°39	n.a.	S 7
S 8	6 29 24	8°49'30	19°19	24°26	0♐56	5°41	16°28	13°57	22°40	9°18	21°12	7°51	8°17	15°45	n.a.	S 8
M 9	6 33 20	9°50'07	1♈46	26° 2	2° 8	6°29	16°28	13°56	22°38	9°20	21°13	7°50	8°14	15°52	n.a.	M 9
T 10	6 37 17	10°50'42	14°32	27°34	3°21	7°16	16°28	13°54	22°37	9°22	21°13	7°50	8°11	15°59	n.a.	T 10
W11	6 41 13	11°51'15	27°43	29° 2	4°33	8° 3	16°R28	13°53	22°35	9°24	21°14	7°50	8° 8	16° 6	n.a.	W11
T 12	6 45 10	12°51'46	11♉22	0♒25	5°46	8°51	16°28	13°51	22°33	9°26	21°15	7°47	8° 5	16°12	n.a.	T 12
F 13	6 49 6	13°52'15	25°31	1°43	6°58	9°38	16°28	13°50	22°31	9°28	21°16	7°43	8° 1	16°19	n.a.	F 13
S 14	6 53 3	14°52'43	10♊ 9	2°55	8°11	10°25	16°27	13°49	22°29	9°30	21°16	7°35	7°58	16°26	n.a.	S 14
S 15	6 56 59	15°53'08	25°11	4° 0	9°23	11°13	16°27	13°48	22°28	9°32	21°17	7°25	7°55	16°32	n.a.	S 15
M16	7 0 56	16°53'31	10♋30	4°58	10°36	12° 0	16°26	13°47	22°26	9°34	21°18	7°14	7°52	16°39	n.a.	M16
T 17	7 4 53	17°53'52	25°52	5°47	11°49	12°47	16°25	13°46	22°24	9°36	21°18	7° 3	7°49	16°46	n.a.	T 17
W18	7 8 49	18°54'12	11♌ 8	6°29	13° 1	13°34	16°23	13°45	22°22	9°38	21°19	6°53	7°46	16°53	n.a.	W18
T 19	7 12 46	19°54'30	26° 5	7° 1	14°14	14°22	16°22	13°45	22°20	9°40	21°19	6°45	7°42	16°59	n.a.	T 19
F 20	7 16 42	20°54'46	10♍37	7°24	15°27	15° 9	16°20	13°44	22°18	9°42	21°20	6°41	7°39	17° 6	n.a.	F 20
S 21	7 20 39	21°55'00	24°40	7°37	16°40	15°56	16°18	13°44	22°16	9°43	21°20	6°38	7°36	17°13	n.a.	S 21
S 22	7 24 35	22°55'12	8♎14	7°R41	17°52	16°43	16°16	13°43	22°13	9°45	21°21	6°D38	7°33	17°20	n.a.	S 22
M23	7 28 32	23°55'23	21°22	7°35	19° 5	17°31	16°14	13°43	22°11	9°47	21°21	6°R38	7°30	17°26	n.a.	M23
T 24	7 32 28	24°55'33	4♏ 6	7°19	20°18	18°18	16°12	13°D43	22° 9	9°49	21°21	6°38	7°27	17°33	n.a.	T 24
W25	7 36 25	25°55'40	16°32	6°54	21°31	19° 5	16° 9	13°43	22° 7	9°50	21°22	6°36	7°23	17°40	n.a.	W25
T 26	7 40 22	26°55'46	28°44	6°21	22°44	19°52	16° 6	13°44	22° 5	9°52	21°22	6°31	7°20	17°46	n.a.	T 26
F 27	7 44 18	27°55'50	10♐46	5°41	23°57	20°39	16° 3	13°44	22° 2	9°54	21°22	6°24	7°17	17°53	n.a.	F 27
S 28	7 48 15	28°55'53	22°42	4°54	25° 9	21°26	16° 0	13°44	22° 0	9°55	21°22	6°14	7°14	18° 0	n.a.	S 28
S 29	7 52 11	29°55'53	4♑35	4° 2	26°22	22°14	15°57	13°45	21°58	9°57	21°23	6° 3	7°11	18° 7	n.a.	S 29
M30	7 56 8	0♒55'51	16°26	3° 5	27°35	23° 1	15°53	13°45	21°55	9°59	21°23	5°50	7° 7	18°13	n.a.	M30
T 31	8 0 4	1♒55'48	28♑18	2♒ 7	28♐48	23♑48	15♍50	13♉46	21♌53	10♐ 0	21♎23	5♈37	7♈ 4	18♑20	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23 s48	28 s35	4 s51	24 s54	1 s40	16 s55	1n49	24 s47	0 s58	6n55	1n34	14n41	1 s45	14n53	0n48	21 s 9	1n 1	4n 8	13n29	3n38	3n29	28 s 2			n.a.
M 2	23 47	28 34	4 59	24 37	1 35	17 16	1 47	24 47	0 59	6 54	1 34	14 40	1 45	14 53	0 48	21 9	1 1	4 8	13 30	3 32	3 28	28 1			n.a.
T 3	23 46	27 13	4 54	24 19	1 29	17 37	1 44	24 47	0 59	6 54	1 35	14 40	1 45	14 54	0 48	21 10	1 1	4 8	13 30	3 26	3 27	28 0			n.a.
W 4	23 44	24 40	4 36	23 59	1 22	17 57	1 41	24 47	0 59	6 54	1 35	14 39	1 45	14 54	0 48	21 10	1 1	4 8	13 30	3 21	3 25	28 0			n.a.
T 5	23 41	21 3	4 6	23 36	1 14	18 16	1 39	24 46	1 0	6 54	1 35	14 39	1 44	14 55	0 48	21 10	1 1	4 8	13 31	3 16	3 24	27 59			n.a.
F 6	23 38	16 34	3 25	23 12	1 6	18 35	1 36	24 45	1 0	6 54	1 35	14 38	1 44	14 55	0 48	21 11	1 1	4 8	13 31	3 13	3 23	27 58			n.a.
S 7	23 35	11 25	2 34	22 47	0 56	18 54	1 33	24 44	1 0	6 54	1 36	14 38	1 44	14 56	0 49	21 11	1 1	4 8	13 31	3 11	3 21	27 57			n.a.
S 8	23 31	5 46	1 36	22 19	0 46	19 12	1 30	24 42	1 1	6 54	1 36	14 38	1 44	14 56	0 49	21 11	1 1	4 8	13 32	3 10	3 20	27 56			n.a.
M 9	23 27	0n13	0 32	21 51	0 35	19 29	1 27	24 40	1 1	6 54	1 36	14 38	1 43	14 57	0 49	21 11	1 1	4 8	13 32	3 9	3 19	27 55			n.a.
T 10	23 22	6 22	0n35	21 21	0 23	19 46	1 24	24 38	1 1	6 54	1 37	14 37	1 43	14 57	0 49	21 12	1 1	4 8	13 33	3 9	3 18	27 54			n.a.
W11	23 17	12 25	1 43	20 51	0 11	20 3	1 21	24 35	1 1	6 54	1 37	14 37	1 43	14 58	0 49	21 12	1 1	4 8	13 33	3 9	3 16	27 53			n.a.
T 12	23 11	18 7	2 47	20 20	0n 3	20 19	1 18	24 32	1 2	6 54	1 37	14 37	1 43	14 59	0 49	21 12	1 1	4 8	13 33	3 8	3 15	27 52			n.a.
F 13	23 5	23 3	3 43	19 49	0 17	20 35	1 15	24 29	1 2	6 55	1 38	14 37	1 42	14 59	0 49	21 13	1 1	4 8	13 34	3 6	3 14	27 51			n.a.
S 14	22 58	26 43	4 27	19 18	0 31	20 50	1 12	24 26	1 2	6 55	1 38	14 37	1 42	15 0	0 49	21 13	1 1	4 8	13 34	3 3	3 13	27 50			n.a.
S 15	22 51	28 37	4 53	18 48	0 47	21 4	1 9	24 22	1 2	6 56	1 38	14 37	1 42	15 1	0 49	21 13	1 1	4 9	13 34	2 59	3 11	27 49			n.a.
M16	22 44	28 22	5 0	18 19	1 2	21 18	1 6	24 18	1 3	6 57	1 38	14 37	1 41	15 1	0 49	21 13	1 1	4 9	13 35	2 55	3 10	27 48			n.a.
T 17	22 36	25 57	4 44	17 51	1 18	21 31	1 3	24 14	1 3	6 57	1 39	14 37	1 41	15 2	0 49	21 14	1 1	4 9	13 35	2 50	3 9	27 47			n.a.
W18	22 27	21 41	4 9	17 25	1 34	21 44	1 0	24 9	1 3	6 58	1 39	14 37	1 41	15 3	0 49	21 14	1 1	4 9	13 36	2 46	3 8	27 46			n.a.
T 19	22 19	16 6	3 17	17 1	1 51	21 56	0 57	24 5	1 3	6 59	1 39	14 37	1 41	15 3	0 49	21 14	1 1	4 9	13 36	2 43	3 6	27 45			n.a.
F 20	22 9	9 45	2 13	16 40	2 7	22 7	0 54	23 59	1 4	7 0	1 40	14 37	1 40	15 4	0 49	21 15	1 1	4 9	13 36	2 41	3 5	27 44			n.a.
S 21	22 0	3 6	1 3	16 21	2 22	22 18	0 50	23 54	1 4	7 1	1 40	14 37	1 40	15 5	0 49	21 15	1 1	4 10	13 37	2 41	3 4	27 43			n.a.
S 22	21 50	3 s27	0 s 9	16 6	2 38	22 28	0 47	23 48	1 4	7 2	1 40	14 37	1 40	15 5	0 49	21 15	1 1	4 10	13 37	2 40	3 2	27 42			n.a.
M23	21 40	9 39	1 17	15 54	2 52	22 37	0 44	23 42	1 4	7 3	1 40	14 37	1 40	15 6	0 49	21 15	1 1	4 10	13 38	2 40	3 1	27 41			n.a.
T 24	21 29	15 16	2 20	15 45	3 5	22 46	0 41	23 36	1 4	7 4	1 41	14 38	1 39	15 7	0 49	21 16	1 1	4 10	13 38	2 40	3 0	27 40			n.a.
W25	21 18	20 8	3 15	15 39	3 17	22 54	0 38	23 30	1 4	7 6	1 41	14 38	1 39	15 8	0 49	21 16	1 1	4 11	13 38	2 40	2 59	27 39			n.a.
T 26	21 6	24 4	3 59	15 37	3 28	23 2	0 35	23 23	1 5	7 7	1 41	14 38	1 39	15 8	0 49	21 16	1 1	4 11	13 39	2 38	2 57	27 38			n.a.
F 27	20 54	26 54	4 32	15 38	3 37	23 9	0 31	23 16	1 5	7 8	1 41	14 38	1 39	15 9	0 49	21 16	1 1	4 11	13 39	2 35	2 56	27 36			n.a.
S 28	20 42	28 29	4 53	15 43	3 44	23 15	0 28	23 9	1 5	7 10	1 42	14 39	1 38	15 10	0 49	21 17	1 1	4 11	13 40	2 31	2 55	27 35			n.a.
S 29	20 29	28 45	5 2	15 50	3 49	23 21	0 25	23 1	1 5	7 11	1 42	14 39	1 38	15 11	0 49	21 17	1 1	4 12	13 40	2 26	2 53	27 34			n.a.
M30	20 16	27 41	4 57	16 0	3 52	23 25	0 22	22 53	1 5	7 13	1 42	14 40	1 38	15 12	0 49	21 17	1 1	4 12	13 40	2 21	2 52	27 33			n.a.
T 31	20 s 2	25 s22	4 s39	16 s13	3n53	23 s30	0n19	22 s45	1 s 5	7n15	1n43	14n40	1 s38	15n12	0n49	21 s17	1n 1	4n12	13n41	2n16	2n51	27 s32			n.a.

Julian Day Number = 1366034.5, Delta T = 06h54m47s
Ecliptic obliquity = 23°48'49, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°30'31, Lahiri = -17°23'31 Julian Calendar 1 Jan. 973 BCE == Greg. Calendar 23 Dec. 974 BCE

The year -972 astronomical counting style corresponds to year 973 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 973 BCE
geocentric

FEBRUARY 973 BCE (-972) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 4 1	2♒55'42	10♒12	1°R 7	0♉ 1	24♉35	15°R46	13♉47	21°R51	10♐ 2	21♎23	5°R25	7♈ 1	18♉27	n.a.	W 1
T 2	8 7 57	3°55'34	22° 9	0♒ 7	1°14	25°22	15♍42	13°48	21♌48	10° 3	21°R23	5♈16	6°58	18°33	n.a.	T 2
F 3	8 11 54	4°55'24	4♓11	29♉ 8	2°27	26° 9	15°38	13°49	21°46	10° 5	21°23	5° 8	6°55	18°40	n.a.	F 3
S 4	8 15 51	5°55'12	16°21	28°12	3°40	26°56	15°33	13°50	21°43	10° 6	21°23	5° 4	6°52	18°47	n.a.	S 4
S 5	8 19 47	6°54'57	28°39	27°20	4°53	27°43	15°29	13°52	21°41	10° 8	21°23	5° 2	6°48	18°54	n.a.	S 5
M 6	8 23 44	7°54'40	11♈11	26°33	6° 6	28°30	15°24	13°53	21°38	10° 9	21°23	5°D 2	6°45	19° 0	n.a.	M 6
T 7	8 27 40	8°54'21	23°58	25°50	7°19	29°17	15°19	13°55	21°36	10°11	21°22	5° 3	6°42	19° 7	n.a.	T 7
W 8	8 31 37	9°53'59	7♉ 6	25°13	8°32	0♒ 4	15°14	13°56	21°33	10°12	21°22	5°R 4	6°39	19°14	n.a.	W 8
T 9	8 35 33	10°53'35	20°38	24°42	9°45	0°51	15° 9	13°58	21°31	10°13	21°22	5° 3	6°36	19°21	n.a.	T 9
F 10	8 39 30	11°53'09	4♊35	24°18	10°58	1°37	15° 4	14° 0	21°28	10°15	21°22	5° 1	6°33	19°27	n.a.	F 10
S 11	8 43 26	12°52'40	18°58	23°59	12°11	2°24	14°59	14° 2	21°26	10°16	21°21	4°57	6°29	19°34	n.a.	S 11
S 12	8 47 23	13°52'08	3♋44	23°47	13°24	3°11	14°53	14° 4	21°23	10°17	21°21	4°50	6°26	19°41	n.a.	S 12
M13	8 51 20	14°51'35	18°48	23°41	14°37	3°58	14°47	14° 6	21°21	10°18	21°21	4°43	6°23	19°47	n.a.	M13
T 14	8 55 16	15°50'59	4♌ 0	23°D41	15°50	4°45	14°42	14° 9	21°18	10°20	21°20	4°35	6°20	19°54	n.a.	T 14
W15	8 59 13	16°50'20	19°10	23°47	17° 3	5°31	14°36	14°11	21°15	10°21	21°20	4°28	6°17	20° 1	n.a.	W15
T 16	9 3 9	17°49'39	4♍ 8	23°58	18°16	6°18	14°30	14°13	21°13	10°22	21°20	4°23	6°13	20° 8	n.a.	T 16
F 17	9 7 6	18°48'57	18°45	24°15	19°29	7° 5	14°23	14°16	21°10	10°23	21°19	4°20	6°10	20°14	n.a.	F 17
S 18	9 11 2	19°48'12	2♎57	24°37	20°42	7°51	14°17	14°19	21° 8	10°24	21°19	4°D19	6° 7	20°21	n.a.	S 18
S 19	9 14 59	20°47'25	16°40	25° 3	21°56	8°38	14°11	14°22	21° 5	10°25	21°18	4°20	6° 4	20°28	n.a.	S 19
M20	9 18 55	21°46'36	29°56	25°34	23° 9	9°24	14° 4	14°24	21° 2	10°26	21°17	4°21	6° 1	20°34	n.a.	M20
T 21	9 22 52	22°45'46	12♏46	26° 9	24°22	10°11	13°58	14°28	21° 0	10°27	21°17	4°22	5°58	20°41	n.a.	T 21
W22	9 26 48	23°44'53	25°16	26°48	25°35	10°57	13°51	14°31	20°57	10°28	21°16	4°R23	5°54	20°48	n.a.	W22
T 23	9 30 45	24°43'59	7♐30	27°31	26°48	11°44	13°44	14°34	20°55	10°29	21°15	4°22	5°51	20°55	n.a.	T 23
F 24	9 34 42	25°43'03	19°32	28°18	28° 1	12°30	13°37	14°37	20°52	10°30	21°15	4°19	5°48	21° 1	n.a.	F 24
S 25	9 38 38	26°42'04	1♑26	29° 7	29°14	13°17	13°30	14°41	20°49	10°31	21°14	4°15	5°45	21° 8	n.a.	S 25
S 26	9 42 35	27°41'04	13°17	0♒ 1	0♒27	14° 3	13°23	14°44	20°47	10°32	21°13	4° 9	5°42	21°15	n.a.	S 26
M27	9 46 31	28°40'02	25° 9	0°57	1°41	14°49	13°16	14°48	20°44	10°33	21°12	4° 3	5°39	21°22	n.a.	M27
T 28	9 50 28	29°38'58	7♒ 2	1°56	2°54	15°35	13° 9	14°51	20°42	10°33	21°12	3°56	5°35	21°28	n.a.	T 28
W29	9 54 24	0♓37'52	19♒ 1	2♒58	4♒ 7	16♒22	13♍ 1	14♉55	20♌39	10♐34	21♎11	3♈50	5♈32	21♉35	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
W 1	19s49	21s57	4s 9	16s27	3n52	23s33	0n16	22s37	1s 6	7n16	1n43	14n41	1s37	15n13	0n49	21s17	1n 1	4n13	13n41	2n11		2n50		27s31			n.a.
T 2	19 34	17 36	3 28	16 43	3 49	23 36	0 13	22 28	1 6	7 18	1 43	14 41	1 37	15 14	0 49	21 18	1 1	4 13	13 41	2 7		2 48		27 30			n.a.
F 3	19 20	12 33	2 37	17 0	3 44	23 38	0 10	22 20	1 6	7 20	1 43	14 42	1 37	15 15	0 49	21 18	1 1	4 13	13 42	2 4		2 47		27 29			n.a.
S 4	19 5	6 58	1 38	17 18	3 37	23 39	0 7	22 10	1 6	7 22	1 43	14 42	1 36	15 16	0 49	21 18	1 1	4 14	13 42	2 3		2 46		27 27			n.a.
S 5	18 50	1 4	0 34	17 36	3 29	23 40	0 4	22 1	1 6	7 24	1 44	14 43	1 36	15 16	0 49	21 18	1 1	4 14	13 43	2 2		2 45		27 26			n.a.
M 6	18 35	4n59	0n33	17 55	3 19	23 40	0 1	21 52	1 6	7 26	1 44	14 44	1 36	15 17	0 49	21 18	1 1	4 15	13 43	2 2		2 43		27 25			n.a.
T 7	18 19	10 59	1 40	18 14	3 8	23 39	0s 2	21 42	1 6	7 28	1 44	14 45	1 36	15 18	0 49	21 19	1 1	4 15	13 43	2 2		2 42		27 24			n.a.
W 8	18 3	16 40	2 43	18 32	2 56	23 37	0 5	21 32	1 6	7 30	1 44	14 45	1 35	15 19	0 49	21 19	1 1	4 15	13 44	2 2		2 41		27 23			n.a.
T 9	17 46	21 42	3 39	18 50	2 43	23 35	0 8	21 22	1 6	7 32	1 45	14 46	1 35	15 20	0 49	21 19	1 2	4 16	13 44	2 2		2 39		27 22			n.a.
F 10	17 30	25 43	4 25	19 8	2 30	23 32	0 11	21 11	1 6	7 35	1 45	14 47	1 35	15 21	0 49	21 19	1 2	4 16	13 45	2 1		2 38		27 20			n.a.
S 11	17 13	28 14	4 55	19 25	2 16	23 29	0 14	21 0	1 6	7 37	1 45	14 48	1 35	15 21	0 49	21 19	1 2	4 17	13 45	2 0		2 37		27 19			n.a.
S 12	16 55	28 52	5 6	19 40	2 2	23 25	0 17	20 50	1 6	7 39	1 45	14 49	1 34	15 22	0 49	21 20	1 2	4 17	13 45	1 57		2 36		27 18			n.a.
M13	16 38	27 23	4 57	19 55	1 48	23 20	0 20	20 38	1 6	7 42	1 45	14 49	1 34	15 23	0 49	21 20	1 2	4 18	13 46	1 54		2 34		27 17			n.a.
T 14	16 20	23 53	4 27	20 9	1 34	23 14	0 23	20 27	1 6	7 44	1 46	14 50	1 34	15 24	0 49	21 20	1 2	4 18	13 46	1 51		2 33		27 15			n.a.
W15	16 2	18 46	3 39	20 22	1 20	23 7	0 25	20 16	1 7	7 47	1 46	14 51	1 34	15 25	0 49	21 20	1 2	4 19	13 46	1 48		2 32		27 14			n.a.
T 16	15 44	12 33	2 35	20 34	1 6	23 0	0 28	20 4	1 7	7 49	1 46	14 52	1 33	15 26	0 49	21 20	1 2	4 19	13 47	1 46		2 31		27 13			n.a.
F 17	15 25	5 47	1 23	20 44	0 53	22 53	0 31	19 52	1 7	7 52	1 46	14 53	1 33	15 27	0 49	21 20	1 2	4 20	13 47	1 45		2 29		27 12			n.a.
S 18	15 6	1s 4	0 7	20 53	0 39	22 44	0 33	19 40	1 7	7 55	1 46	14 54	1 33	15 27	0 49	21 20	1 2	4 20	13 47	1 45		2 28		27 10			n.a.
S 19	14 47	7 40	1s 6	21 1	0 26	22 35	0 36	19 27	1 7	7 57	1 46	14 56	1 33	15 28	0 49	21 21	1 2	4 21	13 48	1 45		2 27		27 9			n.a.
M20	14 28	13 42	2 14	21 8	0 14	22 25	0 38	19 15	1 7	8 0	1 47	14 57	1 32	15 29	0 49	21 21	1 2	4 21	13 48	1 45		2 25		27 8			n.a.
T 21	14 9	18 58	3 13	21 14	0 2	22 15	0 41	19 2	1 7	8 3	1 47	14 58	1 32	15 30	0 49	21 21	1 2	4 22	13 48	1 46		2 24		27 7			n.a.
W22	13 49	23 16	4 1	21 18	0s10	22 4	0 43	18 49	1 7	8 5	1 47	14 59	1 32	15 31	0 49	21 21	1 2	4 22	13 49	1 46		2 23		27 5			n.a.
T 23	13 29	26 27	4 37	21 20	0 22	21 52	0 46	18 36	1 6	8 8	1 47	15 0	1 32	15 32	0 49	21 21	1 2	4 23	13 49	1 46		2 22		27 4			n.a.
F 24	13 9	28 22	5 0	21 21	0 32	21 40	0 48	18 23	1 6	8 11	1 47	15 1	1 31	15 33	0 49	21 21	1 2	4 23	13 49	1 45		2 20		27 3			n.a.
S 25	12 48	28 58	5 10	21 21	0 43	21 27	0 50	18 9	1 6	8 14	1 47	15 3	1 31	15 33	0 49	21 21	1 2	4 24	13 50	1 43		2 19		27 1			n.a.
S 26	12 28	28 13	5 6	21 19	0 53	21 13	0 52	17 56	1 6	8 17	1 47	15 4	1 31	15 34	0 49	21 21	1 2	4 24	13 50	1 40		2 18		27 0			n.a.
M27	12 7	26 11	4 49	21 16	1 2	20 59	0 55	17 42	1 6	8 20	1 48	15 5	1 31	15 35	0 49	21 21	1 2	4 25	13 50	1 38		2 16		26 59			n.a.
T 28	11 46	22 59	4 20	21 12	1 11	20 44	0 57	17 28	1 6	8 23	1 48	15 7	1 30	15 36	0 49	21 22	1 2	4 26	13 51	1 35		2 15		26 57			n.a.
W29	11s25	18s49	3s39	21s 6	1s20	20s29	0s59	17s14	1s 6	8n25	1n48	15n 8	1s30	15n37	0n49	21s22	1n 2	4n26	13n51	1n33		2n14		26s56			n.a.

Julian Day Number = 1366065.5, Delta T = 06h54m45s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°30'27, Lahiri = -17°23'27 Julian Calendar 1 Feb. 973 BCE == Greg. Calendar 23 Jan. 973 BCE

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ASTRODIENST EPHEMERIS for the year 973 BCE
geocentric

MARCH 973 BCE (-972) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 58 21	1♓36'44	1♓ 6	4♒ 2	5♒20	17♒ 8	12°R54	14♉59	20°R37	10♐35	21°R10	3°R45	5♈29	21♊42	n.a.	T 1
F 2	10 2 17	2°35'33	13°20	5° 9	6°33	17°54	12♍46	15° 3	20♌34	10°36	21♎ 9	3♈42	5°26	21°48	n.a.	F 2
S 3	10 6 14	3°34'20	25°42	6°18	7°46	18°40	12°39	15° 7	20°32	10°36	21° 8	3°40	5°23	21°55	n.a.	S 3
S 4	10 10 11	4°33'05	8♈15	7°30	8°59	19°26	12°31	15°11	20°29	10°37	21° 7	3°D40	5°19	22° 2	n.a.	S 4
M 5	10 14 7	5°31'48	21° 1	8°44	10°13	20°12	12°24	15°16	20°27	10°37	21° 6	3°41	5°16	22° 9	n.a.	M 5
T 6	10 18 4	6°30'29	4♉ 1	10° 0	11°26	20°58	12°16	15°20	20°24	10°38	21° 5	3°42	5°13	22°15	n.a.	T 6
W 7	10 22 0	7°29'07	17°16	11°18	12°39	21°44	12° 9	15°24	20°22	10°38	21° 4	3°44	5°10	22°22	n.a.	W 7
T 8	10 25 57	8°27'43	0♊50	12°37	13°52	22°30	12° 1	15°29	20°19	10°39	21° 3	3°45	5° 7	22°29	n.a.	T 8
F 9	10 29 53	9°26'17	14°42	13°59	15° 5	23°16	11°53	15°33	20°17	10°39	21° 2	3°R45	5° 4	22°35	n.a.	F 9
S 10	10 33 50	10°24'48	28°52	15°23	16°18	24° 2	11°46	15°38	20°14	10°40	21° 1	3°44	5° 0	22°42	n.a.	S 10
S 11	10 37 46	11°23'17	13♋20	16°49	17°32	24°48	11°38	15°43	20°12	10°40	21° 0	3°42	4°57	22°49	n.a.	S 11
M12	10 41 43	12°21'44	28° 1	18°16	18°45	25°33	11°30	15°48	20°10	10°41	20°58	3°40	4°54	22°56	n.a.	M12
T 13	10 45 39	13°20'08	12♌49	19°46	19°58	26°19	11°23	15°53	20° 7	10°41	20°57	3°37	4°51	23° 2	n.a.	T 13
W14	10 49 36	14°18'30	27°38	21°17	21°11	27° 5	11°15	15°58	20° 5	10°41	20°56	3°34	4°48	23° 9	n.a.	W14
T 15	10 53 33	15°16'50	12♍19	22°50	22°24	27°50	11° 7	16° 3	20° 3	10°41	20°55	3°33	4°44	23°16	n.a.	T 15
F 16	10 57 29	16°15'08	26°46	24°24	23°37	28°36	11° 0	16° 8	20° 0	10°42	20°53	3°D32	4°41	23°22	n.a.	F 16
S 17	11 1 26	17°13'24	10♎53	26° 1	24°51	29°21	10°52	16°13	19°58	10°42	20°52	3°32	4°38	23°29	n.a.	S 17
S 18	11 5 22	18°11'39	24°36	27°39	26° 4	0♓ 7	10°45	16°18	19°56	10°42	20°51	3°33	4°35	23°36	n.a.	S 18
M19	11 9 19	19° 9'51	7♏56	29°19	27°17	0°52	10°37	16°24	19°54	10°42	20°50	3°34	4°32	23°43	n.a.	M19
T 20	11 13 15	20° 8'02	20°51	1♓ 0	28°30	1°38	10°30	16°29	19°52	10°42	20°48	3°35	4°29	23°49	n.a.	T 20
W21	11 17 12	21° 6'12	3♐26	2°43	29°43	2°23	10°22	16°35	19°50	10°42	20°47	3°36	4°25	23°56	n.a.	W21
T 22	11 21 8	22° 4'20	15°44	4°29	0♓57	3° 8	10°15	16°40	19°48	10°R42	20°45	3°36	4°22	24° 3	n.a.	T 22
F 23	11 25 5	23° 2'26	27°49	6°15	2°10	3°53	10° 7	16°46	19°45	10°42	20°44	3°R36	4°19	24° 9	n.a.	F 23
S 24	11 29 2	24° 0'31	9♑45	8° 4	3°23	4°39	10° 0	16°52	19°43	10°42	20°43	3°36	4°16	24°16	n.a.	S 24
S 25	11 32 58	24°58'34	21°37	9°54	4°36	5°24	9°53	16°58	19°42	10°42	20°41	3°35	4°13	24°23	n.a.	S 25
M26	11 36 55	25°56'35	3♒29	11°46	5°50	6° 9	9°46	17° 3	19°40	10°42	20°40	3°34	4°10	24°30	n.a.	M26
T 27	11 40 51	26°54'35	15°26	13°40	7° 3	6°54	9°38	17° 9	19°38	10°42	20°38	3°33	4° 6	24°36	n.a.	T 27
W28	11 44 48	27°52'34	27°29	15°36	8°16	7°39	9°31	17°15	19°36	10°42	20°37	3°32	4° 3	24°43	n.a.	W28
T 29	11 48 44	28°50'30	9♓43	17°33	9°29	8°24	9°25	17°21	19°34	10°42	20°35	3°32	4° 0	24°50	n.a.	T 29
F 30	11 52 41	29°48'26	22° 9	19°32	10°42	9° 9	9°18	17°28	19°32	10°41	20°34	3°32	3°57	24°56	n.a.	F 30
S 31	11 56 37	0♈46'19	4♈49	21♓33	11♓56	9♓54	9♍11	17♉34	19♌30	10♐41	20♎32	3°D31	3♈54	25♊ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s 4	13s52	2s48	20s58	1s28	20s13	1s 1	16s59	1s 6	8n28	1n48	15n 9	1s30	15n37	0n49	21s22	1n 2	4n27	13n51	1n31	2n13	26s55			n.a.
F 2	10 43	8 19	1 49	20 49	1 35	19 56	1 3	16 45	1 6	8 31	1 48	15 11	1 30	15 38	0 49	21 22	1 2	4 27	13 52	1 30	2 11	26 53			n.a.
S 3	10 21	2 24	0 43	20 38	1 42	19 39	1 5	16 30	1 6	8 34	1 48	15 12	1 29	15 39	0 49	21 22	1 2	4 28	13 52	1 29	2 10	26 52			n.a.
S 4	9 59	3n42	0n25	20 26	1 49	19 21	1 6	16 16	1 6	8 37	1 48	15 14	1 29	15 40	0 49	21 22	1 2	4 29	13 52	1 29	2 9	26 50			n.a.
M 5	9 38	9 46	1 34	20 12	1 55	19 3	1 8	16 1	1 6	8 40	1 48	15 15	1 29	15 41	0 49	21 22	1 2	4 29	13 52	1 29	2 8	26 49			n.a.
T 6	9 16	15 32	2 39	19 57	2 0	18 44	1 10	15 46	1 6	8 43	1 48	15 16	1 29	15 42	0 49	21 22	1 2	4 30	13 53	1 30	2 6	26 48			n.a.
W 7	8 54	20 43	3 37	19 39	2 5	18 25	1 12	15 31	1 5	8 46	1 48	15 18	1 28	15 42	0 49	21 22	1 2	4 31	13 53	1 30	2 5	26 46			n.a.
T 8	8 31	24 56	4 24	19 21	2 9	18 5	1 13	15 15	1 5	8 49	1 48	15 20	1 28	15 43	0 49	21 22	1 2	4 31	13 53	1 31	2 4	26 45			n.a.
F 9	8 9	27 50	4 57	19 1	2 13	17 45	1 15	15 0	1 5	8 52	1 48	15 21	1 28	15 44	0 49	21 22	1 2	4 32	13 53	1 31	2 2	26 43			n.a.
S 10	7 47	29 2	5 13	18 39	2 17	17 24	1 16	14 44	1 5	8 55	1 48	15 23	1 28	15 45	0 49	21 22	1 2	4 32	13 54	1 30	2 1	26 42			n.a.
S 11	7 24	28 16	5 10	18 15	2 19	17 3	1 17	14 29	1 5	8 58	1 48	15 24	1 28	15 45	0 49	21 22	1 2	4 33	13 54	1 30	2 0	26 41			n.a.
M12	7 2	25 33	4 46	17 50	2 22	16 41	1 19	14 13	1 5	9 1	1 48	15 26	1 27	15 46	0 49	21 22	1 2	4 34	13 54	1 29	1 59	26 39			n.a.
T 13	6 39	21 7	4 4	17 23	2 24	16 19	1 20	13 57	1 5	9 4	1 48	15 28	1 27	15 47	0 49	21 22	1 2	4 34	13 54	1 28	1 57	26 38			n.a.
W14	6 16	15 22	3 5	16 55	2 25	15 56	1 21	13 41	1 4	9 7	1 48	15 29	1 27	15 48	0 49	21 22	1 2	4 35	13 55	1 27	1 56	26 36			n.a.
T 15	5 53	8 48	1 54	16 24	2 26	15 33	1 22	13 25	1 4	9 10	1 48	15 31	1 27	15 48	0 49	21 22	1 2	4 36	13 55	1 26	1 55	26 35			n.a.
F 16	5 30	1 52	0 37	15 53	2 26	15 10	1 23	13 9	1 4	9 13	1 48	15 33	1 27	15 49	0 49	21 22	1 2	4 36	13 55	1 25	1 53	26 33			n.a.
S 17	5 7	4s59	0s40	15 19	2 25	14 46	1 24	12 52	1 4	9 16	1 48	15 34	1 26	15 50	0 49	21 22	1 2	4 37	13 55	1 25	1 52	26 32			n.a.
S 18	4 44	11 26	1 54	14 44	2 25	14 22	1 25	12 36	1 4	9 19	1 48	15 36	1 26	15 50	0 49	21 22	1 2	4 38	13 55	1 26	1 51	26 30			n.a.
M19	4 21	17 11	2 59	14 7	2 23	13 57	1 26	12 19	1 3	9 22	1 48	15 38	1 26	15 51	0 49	21 22	1 2	4 38	13 56	1 26	1 50	26 29			n.a.
T 20	3 58	21 59	3 53	13 29	2 21	13 32	1 27	12 3	1 3	9 25	1 48	15 40	1 26	15 52	0 49	21 22	1 2	4 39	13 56	1 27	1 48	26 27			n.a.
W21	3 35	25 39	4 34	12 49	2 19	13 7	1 28	11 46	1 3	9 27	1 48	15 41	1 25	15 52	0 49	21 22	1 2	4 40	13 56	1 27	1 47	26 26			n.a.
T 22	3 12	28 1	5 1	12 7	2 16	12 41	1 28	11 29	1 3	9 30	1 48	15 43	1 25	15 53	0 49	21 22	1 2	4 40	13 56	1 27	1 46	26 24			n.a.
F 23	2 48	29 2	5 15	11 24	2 12	12 15	1 29	11 12	1 3	9 33	1 48	15 45	1 25	15 54	0 49	21 22	1 2	4 41	13 56	1 27	1 45	26 23			n.a.
S 24	2 25	28 41	5 14	10 39	2 8	11 48	1 29	10 55	1 2	9 36	1 48	15 47	1 25	15 54	0 49	21 22	1 3	4 42	13 56	1 27	1 43	26 21			n.a.
S 25	2 2	27 0	5 1	9 52	2 3	11 22	1 30	10 38	1 2	9 38	1 48	15 49	1 25	15 55	0 49	21 22	1 3	4 42	13 57	1 27	1 42	26 20			n.a.
M26	1 38	24 7	4 34	9 4	1 58	10 55	1 30	10 21	1 2	9 41	1 47	15 51	1 25	15 55	0 49	21 22	1 3	4 43	13 57	1 26	1 41	26 18			n.a.
T 27	1 15	20 13	3 56	8 15	1 52	10 27	1 30	10 4	1 2	9 44	1 47	15 52	1 24	15 56	0 49	21 22	1 3	4 44	13 57	1 26	1 39	26 17			n.a.
W28	0 51	15 27	3 7	7 23	1 46	10 0	1 31	9 47	1 1	9 46	1 47	15 54	1 24	15 57	0 49	21 22	1 3	4 44	13 57	1 26	1 38	26 15			n.a.
T 29	0 28	10 1	2 8	6 31	1 39	9 32	1 31	9 30	1 1	9 49	1 47	15 56	1 24	15 57	0 49	21 22	1 3	4 45	13 57	1 25	1 37	26 13			n.a.
F 30	0 5	4 7	1 3	5 37	1 32	9 4	1 31	9 12	1 1	9 51	1 47	15 58	1 24	15 58	0 49	21 22	1 3	4 45	13 57	1 25	1 36	26 12			n.a.
S 31	0n19	2n 3	0n 7	4s41	1s24	8s36	1s31	8s55	1s 1	9n54	1n47	16n 0	1s24	15n58	0n49	21s22	1n 3	4n46	13n57	1n25	1n34	26s10			n.a.

Julian Day Number = 1366094.5, Delta T = 06h54m44s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°30'23, Lahiri = -17°23'23 Julian Calendar 1 March 973 BCE == Greg. Calendar 21 Feb. 973 BCE

The year -972 astronomical counting style corresponds to year 973 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 973 BCE
geocentric

APRIL 973 BCE (-972) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 0 34	1♈44'11	17♈42	23♓35	13♓ 9	10♓38	9°R 4	17♉40	19°R29	10°R41	20°R31	3♈32	3♈50	25♊10	n.a.	S 1
M 2	12 4 30	2°42'01	0♉49	25°39	14°22	11°23	8♍58	17°46	19♌27	10♐40	20♎29	3°32	3°47	25°17	n.a.	M 2
T 3	12 8 27	3°39'49	14°10	27°45	15°35	12° 8	8°51	17°53	19°25	10°40	20°28	3°R32	3°44	25°23	n.a.	T 3
W 4	12 12 24	4°37'36	27°45	29°51	16°49	12°52	8°45	17°59	19°24	10°40	20°26	3°32	3°41	25°30	n.a.	W 4
T 5	12 16 20	5°35'21	11♊32	1♈59	18° 2	13°37	8°39	18° 6	19°22	10°39	20°25	3°31	3°38	25°37	n.a.	T 5
F 6	12 20 17	6°33'04	25°30	4° 8	19°15	14°21	8°33	18°12	19°21	10°39	20°23	3°31	3°35	25°43	n.a.	F 6
S 7	12 24 13	7°30'46	9♋37	6°18	20°28	15° 6	8°27	18°19	19°19	10°38	20°21	3°D31	3°31	25°50	n.a.	S 7
S 8	12 28 10	8°28'25	23°53	8°28	21°42	15°50	8°21	18°25	19°18	10°38	20°20	3°31	3°28	25°57	n.a.	S 8
M 9	12 32 6	9°26'03	8♌14	10°39	22°55	16°35	8°15	18°32	19°16	10°37	20°18	3°32	3°25	26° 4	n.a.	M 9
T 10	12 36 3	10°23'39	22°37	12°50	24° 8	17°19	8°10	18°39	19°15	10°37	20°17	3°32	3°22	26°10	n.a.	T 10
W11	12 39 59	11°21'13	6♍58	15° 0	25°21	18° 3	8° 4	18°46	19°14	10°36	20°15	3°33	3°19	26°17	n.a.	W11
T 12	12 43 56	12°18'46	21°12	17°11	26°35	18°47	7°59	18°52	19°13	10°35	20°13	3°33	3°16	26°24	n.a.	T 12
F 13	12 47 53	13°16'17	5♎16	19°20	27°48	19°32	7°54	18°59	19°11	10°35	20°12	3°R34	3°12	26°30	n.a.	F 13
S 14	12 51 49	14°13'47	19° 6	21°29	29° 1	20°16	7°49	19° 6	19°10	10°34	20°10	3°33	3° 9	26°37	n.a.	S 14
S 15	12 55 46	15°11'16	2♏39	23°37	0♈15	21° 0	7°44	19°13	19° 9	10°33	20° 8	3°32	3° 6	26°44	n.a.	S 15
M16	12 59 42	16° 8'44	15°52	25°42	1°28	21°44	7°39	19°20	19° 8	10°33	20° 7	3°31	3° 3	26°51	n.a.	M16
T 17	13 3 39	17° 6'10	28°46	27°47	2°41	22°27	7°34	19°27	19° 7	10°32	20° 5	3°29	3° 0	26°57	n.a.	T 17
W18	13 7 35	18° 3'36	11♐21	29°49	3°54	23°11	7°30	19°34	19° 6	10°31	20° 3	3°27	2°56	27° 4	n.a.	W18
T 19	13 11 32	19° 1'00	23°40	1♉49	5° 8	23°55	7°26	19°41	19° 5	10°30	20° 2	3°25	2°53	27°11	n.a.	T 19
F 20	13 15 28	19°58'24	5♑46	3°48	6°21	24°39	7°22	19°49	19° 4	10°29	20° 0	3°24	2°50	27°17	n.a.	F 20
S 21	13 19 25	20°55'47	17°44	5°43	7°34	25°23	7°18	19°56	19° 4	10°29	19°58	3°D24	2°47	27°24	n.a.	S 21
S 22	13 23 22	21°53'09	29°37	7°36	8°48	26° 6	7°14	20° 3	19° 3	10°28	19°57	3°24	2°44	27°31	n.a.	S 22
M23	13 27 18	22°50'30	11♒30	9°27	10° 1	26°50	7°10	20°10	19° 2	10°27	19°55	3°25	2°41	27°38	n.a.	M23
T 24	13 31 15	23°47'50	23°28	11°15	11°14	27°33	7° 7	20°18	19° 2	10°26	19°54	3°26	2°37	27°44	n.a.	T 24
W25	13 35 11	24°45'10	5♓35	13° 0	12°28	28°17	7° 4	20°25	19° 1	10°25	19°52	3°28	2°34	27°51	n.a.	W25
T 26	13 39 8	25°42'29	17°56	14°43	13°41	29° 0	7° 0	20°32	19° 0	10°24	19°50	3°29	2°31	27°58	n.a.	T 26
F 27	13 43 4	26°39'47	0♈33	16°23	14°54	29°44	6°58	20°40	19° 0	10°23	19°49	3°R30	2°28	28° 4	n.a.	F 27
S 28	13 47 1	27°37'04	13°27	18° 0	16° 8	0♈27	6°55	20°47	18°59	10°22	19°47	3°29	2°25	28°11	n.a.	S 28
S 29	13 50 57	28°34'21	26°41	19°34	17°21	1°10	6°52	20°55	18°59	10°21	19°45	3°28	2°21	28°18	n.a.	S 29
M30	13 54 54	29♈31'36	10♉13	21♉ 5	18♈35	1♈53	6♍50	21♉ 2	18♌59	10♐19	19♎44	3♈25	2♈18	28♊25	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n42	8n15	1n18	3s45	1s16	8s 7	1s31	8s37	1s 0	9n56	1n47	16n 2	1s23	15n59	0n49	21s22	1n 3	4n47	13n57	1n25	1n33	26s 9		n.a.
M 2	1 5	14 12	2 26	2 47	1 7	7 38	1 31	8 20	1 0	9 59	1 47	16 4	1 23	15 59	0 49	21 22	1 3	4 47	13 57	1 25	1 32	26 7		n.a.
T 3	1 29	19 37	3 27	1 48	0 58	7 9	1 31	8 2	1 0	10 1	1 46	16 6	1 23	16 0	0 49	21 22	1 3	4 48	13 58	1 25	1 30	26 5		n.a.
W 4	1 52	24 8	4 17	0 48	0 49	6 40	1 30	7 44	0 59	10 3	1 46	16 8	1 23	16 0	0 49	21 22	1 3	4 49	13 58	1 25	1 29	26 4		n.a.
T 5	2 15	27 22	4 54	0n12	0 39	6 11	1 30	7 27	0 59	10 5	1 46	16 10	1 23	16 1	0 49	21 22	1 3	4 49	13 58	1 25	1 28	26 2		n.a.
F 6	2 38	28 58	5 14	1 14	0 29	5 41	1 30	7 9	0 59	10 8	1 46	16 12	1 23	16 1	0 49	21 21	1 3	4 50	13 58	1 25	1 27	26 1		n.a.
S 7	3 2	28 42	5 15	2 15	0 19	5 12	1 29	6 51	0 58	10 10	1 46	16 14	1 22	16 2	0 49	21 21	1 3	4 51	13 58	1 25	1 25	25 59		n.a.
S 8	3 25	26 32	4 57	3 17	0 8	4 42	1 29	6 34	0 58	10 12	1 46	16 16	1 22	16 2	0 49	21 21	1 3	4 51	13 58	1 25	1 24	25 57		n.a.
M 9	3 48	22 41	4 21	4 19	0n 2	4 12	1 28	6 16	0 58	10 14	1 45	16 18	1 22	16 2	0 49	21 21	1 3	4 52	13 58	1 25	1 23	25 56		n.a.
T 10	4 11	17 27	3 28	5 20	0 13	3 42	1 28	5 58	0 58	10 16	1 45	16 20	1 22	16 3	0 48	21 21	1 3	4 52	13 58	1 26	1 21	25 54		n.a.
W11	4 34	11 17	2 22	6 22	0 24	3 12	1 27	5 40	0 57	10 18	1 45	16 22	1 22	16 3	0 48	21 21	1 3	4 53	13 58	1 26	1 20	25 52		n.a.
T 12	4 56	4 35	1 8	7 22	0 34	2 42	1 26	5 22	0 57	10 19	1 45	16 24	1 22	16 4	0 48	21 21	1 3	4 54	13 58	1 26	1 19	25 51		n.a.
F 13	5 19	2s16	0s 9	8 22	0 44	2 11	1 25	5 4	0 56	10 21	1 45	16 26	1 21	16 4	0 48	21 21	1 3	4 54	13 58	1 26	1 18	25 49		n.a.
S 14	5 42	8 54	1 25	9 20	0 54	1 41	1 25	4 46	0 56	10 23	1 44	16 28	1 21	16 4	0 48	21 21	1 3	4 55	13 58	1 26	1 16	25 47		n.a.
S 15	6 4	14 59	2 34	10 18	1 4	1 11	1 24	4 29	0 56	10 25	1 44	16 30	1 21	16 5	0 48	21 20	1 3	4 55	13 58	1 26	1 15	25 46		n.a.
M16	6 27	20 14	3 33	11 13	1 13	0 40	1 23	4 11	0 55	10 26	1 44	16 32	1 21	16 5	0 48	21 20	1 3	4 56	13 58	1 25	1 14	25 44		n.a.
T 17	6 49	24 25	4 20	12 7	1 22	0 10	1 22	3 53	0 55	10 28	1 44	16 34	1 21	16 5	0 48	21 20	1 3	4 57	13 58	1 24	1 12	25 42		n.a.
W18	7 11	27 19	4 52	12 59	1 30	0n21	1 21	3 35	0 55	10 29	1 43	16 36	1 21	16 5	0 48	21 20	1 3	4 57	13 58	1 24	1 11	25 41		n.a.
T 19	7 34	28 50	5 11	13 49	1 38	0 51	1 19	3 17	0 54	10 30	1 43	16 39	1 20	16 6	0 48	21 20	1 3	4 58	13 58	1 23	1 10	25 39		n.a.
F 20	7 56	28 56	5 15	14 38	1 45	1 22	1 18	2 59	0 54	10 32	1 43	16 41	1 20	16 6	0 48	21 20	1 3	4 58	13 57	1 22	1 9	25 37		n.a.
S 21	8 18	27 40	5 6	15 23	1 52	1 53	1 17	2 41	0 53	10 33	1 43	16 43	1 20	16 6	0 48	21 20	1 3	4 59	13 57	1 22	1 7	25 35		n.a.
S 22	8 39	25 9	4 43	16 7	1 58	2 23	1 16	2 23	0 53	10 34	1 42	16 45	1 20	16 6	0 48	21 20	1 3	4 59	13 57	1 22	1 6	25 34		n.a.
M23	9 1	21 34	4 9	16 48	2 3	2 54	1 14	2 5	0 53	10 35	1 42	16 47	1 20	16 6	0 48	21 19	1 3	5 0	13 57	1 23	1 5	25 32		n.a.
T 24	9 23	17 5	3 23	17 27	2 8	3 24	1 13	1 47	0 52	10 36	1 42	16 49	1 20	16 7	0 48	21 19	1 3	5 0	13 57	1 23	1 4	25 30		n.a.
W25	9 44	11 53	2 28	18 4	2 11	3 54	1 11	1 29	0 52	10 37	1 42	16 51	1 20	16 7	0 48	21 19	1 3	5 1	13 57	1 24	1 2	25 28		n.a.
T 26	10 5	6 8	1 25	18 38	2 14	4 25	1 10	1 11	0 51	10 38	1 41	16 53	1 19	16 7	0 48	21 19	1 3	5 1	13 57	1 24	1 1	25 27		n.a.
F 27	10 26	0 2	0 16	19 11	2 17	4 55	1 8	0 53	0 51	10 39	1 41	16 55	1 19	16 7	0 48	21 19	1 3	5 2	13 57	1 25	1 0	25 25		n.a.
S 28	10 47	6n14	0n54	19 40	2 18	5 25	1 7	0 35	0 51	10 40	1 41	16 58	1 19	16 7	0 48	21 19	1 3	5 2	13 57	1 24	0 58	25 23		n.a.
S 29	11 8	12 22	2 4	20 8	2 19	5 55	1 5	0 18	0 50	10 41	1 41	17 0	1 19	16 7	0 48	21 18	1 3	5 3	13 56	1 24	0 57	25 21		n.a.
M30	11n29	18n 4	3n 8	20n33	2n19	6n25	1s 3	0n 0	0s50	10n42	1n40	17n 2	1s19	16n 7	0n48	21s18	1n 3	5n 3	13n56	1n23	0n56	25s19		n.a.

Julian Day Number = 1366125.5, Delta T = 06h54m42s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°30'19, Lahiri = -17°23'19 Julian Calendar 1 Apr. 973 BCE == Greg. Calendar 23 March 973 BCE

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ASTRODIENST EPHEMERIS for the year 973 BCE
geocentric

MAY 973 BCE (-972) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 58 51	0♉28'51	24♉ 0	22♉34	19♈48	2♈36	6°R47	21♉10	18°R58	10°R18	19°R42	3°R22	2♈15	28♊31	n.a.	T 1
W 2	14 2 47	1°26'05	8♊ 1	23°59	21° 1	3°20	6♍45	21°17	18♌58	10♐17	19♎40	3♈18	2°12	28°38	n.a.	W 2
T 3	14 6 44	2°23'18	22°10	25°22	22°15	4° 3	6°44	21°25	18°58	10°16	19°39	3°14	2° 9	28°45	n.a.	T 3
F 4	14 10 40	3°20'31	6♋25	26°42	23°28	4°46	6°42	21°32	18°58	10°15	19°37	3°10	2° 6	28°51	n.a.	F 4
S 5	14 14 37	4°17'42	20°41	27°58	24°42	5°28	6°40	21°40	18°58	10°14	19°36	3° 8	2° 2	28°58	n.a.	S 5
S 6	14 18 33	5°14'52	4♌55	29°12	25°55	6°11	6°39	21°48	18°D58	10°12	19°34	3°D 8	1°59	29° 5	n.a.	S 6
M 7	14 22 30	6°12'02	19° 5	0♊22	27° 9	6°54	6°38	21°55	18°58	10°11	19°33	3° 8	1°56	29°11	n.a.	M 7
T 8	14 26 27	7° 9'10	3♍ 9	1°29	28°22	7°37	6°37	22° 3	18°58	10°10	19°31	3°10	1°53	29°18	n.a.	T 8
W 9	14 30 23	8° 6'18	17° 6	2°33	29°35	8°19	6°36	22°11	18°58	10° 9	19°29	3°11	1°50	29°25	n.a.	W 9
T 10	14 34 20	9° 3'24	0♎54	3°34	0♉49	9° 2	6°35	22°19	18°58	10° 7	19°28	3°R12	1°47	29°32	n.a.	T 10
F 11	14 38 16	10° 0'30	14°32	4°31	2° 2	9°44	6°35	22°26	18°58	10° 6	19°26	3°11	1°43	29°38	n.a.	F 11
S 12	14 42 13	10°57'36	27°58	5°25	3°16	10°27	6°35	22°34	18°59	10° 5	19°25	3° 9	1°40	29°45	n.a.	S 12
S 13	14 46 9	11°54'41	11♏11	6°15	4°29	11° 9	6°D35	22°42	18°59	10° 3	19°23	3° 5	1°37	29°52	n.a.	S 13
M14	14 50 6	12°51'46	24°10	7° 1	5°43	11°52	6°35	22°50	19° 0	10° 2	19°22	2°59	1°34	29°58	n.a.	M14
T 15	14 54 2	13°48'50	6♐54	7°44	6°56	12°34	6°35	22°57	19° 0	10° 0	19°20	2°53	1°31	0♒ 5	n.a.	T 15
W16	14 57 59	14°45'55	19°23	8°22	8°10	13°16	6°35	23° 5	19° 0	9°59	19°19	2°45	1°27	0°12	n.a.	W16
T 17	15 1 56	15°42'59	1♑39	8°57	9°23	13°58	6°36	23°13	19° 1	9°58	19°17	2°39	1°24	0°19	n.a.	T 17
F 18	15 5 52	16°40'04	13°44	9°28	10°37	14°40	6°37	23°21	19° 2	9°56	19°16	2°33	1°21	0°25	n.a.	F 18
S 19	15 9 49	17°37'08	25°41	9°54	11°50	15°22	6°38	23°29	19° 2	9°55	19°15	2°28	1°18	0°32	n.a.	S 19
S 20	15 13 45	18°34'12	7♒33	10°16	13° 4	16° 4	6°39	23°37	19° 3	9°53	19°13	2°26	1°15	0°39	n.a.	S 20
M21	15 17 42	19°31'16	19°25	10°33	14°18	16°46	6°40	23°44	19° 4	9°52	19°12	2°D25	1°12	0°45	n.a.	M21
T 22	15 21 38	20°28'21	1♓23	10°46	15°31	17°28	6°42	23°52	19° 5	9°50	19°11	2°26	1° 8	0°52	n.a.	T 22
W23	15 25 35	21°25'26	13°30	10°55	16°45	18°10	6°44	24° 0	19° 5	9°49	19° 9	2°27	1° 5	0°59	n.a.	W23
T 24	15 29 31	22°22'31	25°53	10°R58	17°58	18°52	6°45	24° 8	19° 6	9°47	19° 8	2°28	1° 2	1° 5	n.a.	T 24
F 25	15 33 28	23°19'36	8♈36	10°58	19°12	19°33	6°48	24°16	19° 7	9°46	19° 7	2°R28	0°59	1°12	n.a.	F 25
S 26	15 37 25	24°16'41	21°40	10°52	20°26	20°15	6°50	24°24	19° 8	9°44	19° 5	2°26	0°56	1°19	n.a.	S 26
S 27	15 41 21	25°13'47	5♉ 9	10°42	21°39	20°57	6°52	24°32	19° 9	9°43	19° 4	2°22	0°53	1°26	n.a.	S 27
M28	15 45 18	26°10'53	19° 1	10°28	22°53	21°38	6°55	24°39	19°11	9°41	19° 3	2°16	0°49	1°32	n.a.	M28
T 29	15 49 14	27° 7'59	3♊13	10° 9	24° 7	22°20	6°57	24°47	19°12	9°39	19° 2	2° 9	0°46	1°39	n.a.	T 29
W30	15 53 11	28° 5'05	17°41	9°47	25°20	23° 1	7° 0	24°55	19°13	9°38	19° 0	2° 0	0°43	1°46	n.a.	W30
T 31	15 57 7	29♉ 2'12	2♋17	9♊21	26♉34	23♈42	7♍ 3	25♉ 3	19♌14	9♐36	18♎59	1♈52	0♈40	1♒52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n49	22n58	4n 2	20n56	2n19	6n55	1s 1	0n18	0s49	10n42	1n40	17n 4	1s19	16n 7	0n48	21s18	1n 3	5n 4	13n56	1n21	0n55	25s18			n.a.
W 2	12 9	26 38	4 43	21 16	2 17	7 25	1 0	0 36	0 49	10 43	1 40	17 6	1 19	16 7	0 48	21 18	1 3	5 4	13 56	1 20	0 53	25 16			n.a.
T 3	12 29	28 41	5 7	21 35	2 15	7 54	0 58	0 54	0 48	10 43	1 40	17 8	1 19	16 7	0 48	21 18	1 3	5 5	13 56	1 18	0 52	25 14			n.a.
F 4	12 49	28 51	5 12	21 52	2 12	8 23	0 56	1 11	0 48	10 43	1 39	17 10	1 18	16 7	0 48	21 17	1 3	5 5	13 56	1 17	0 51	25 12			n.a.
S 5	13 9	27 6	4 58	22 6	2 8	8 53	0 54	1 29	0 47	10 44	1 39	17 12	1 18	16 7	0 48	21 17	1 3	5 5	13 55	1 16	0 49	25 10			n.a.
S 6	13 28	23 38	4 26	22 18	2 4	9 21	0 52	1 47	0 47	10 44	1 39	17 14	1 18	16 7	0 47	21 17	1 3	5 6	13 55	1 16	0 48	25 8			n.a.
M 7	13 48	18 46	3 38	22 29	1 59	9 50	0 50	2 4	0 46	10 44	1 38	17 17	1 18	16 7	0 47	21 17	1 3	5 6	13 55	1 16	0 47	25 7			n.a.
T 8	14 7	12 56	2 36	22 37	1 53	10 19	0 48	2 22	0 46	10 44	1 38	17 19	1 18	16 7	0 47	21 17	1 3	5 7	13 55	1 17	0 46	25 5			n.a.
W 9	14 26	6 30	1 27	22 44	1 46	10 47	0 46	2 39	0 45	10 44	1 38	17 21	1 18	16 7	0 47	21 17	1 3	5 7	13 55	1 17	0 44	25 3			n.a.
T 10	14 44	0s10	0 13	22 49	1 39	11 15	0 44	2 57	0 45	10 44	1 38	17 23	1 18	16 7	0 47	21 16	1 3	5 7	13 54	1 17	0 43	25 1			n.a.
F 11	15 3	6 45	1s 1	22 52	1 31	11 43	0 42	3 14	0 45	10 44	1 37	17 25	1 18	16 7	0 47	21 16	1 3	5 8	13 54	1 17	0 42	24 59			n.a.
S 12	15 21	12 56	2 11	22 53	1 22	12 10	0 40	3 32	0 44	10 44	1 37	17 27	1 18	16 7	0 47	21 16	1 3	5 8	13 54	1 16	0 40	24 57			n.a.
S 13	15 39	18 27	3 11	22 52	1 12	12 38	0 38	3 49	0 44	10 44	1 37	17 29	1 17	16 7	0 47	21 16	1 3	5 8	13 54	1 15	0 39	24 55			n.a.
M14	15 56	23 0	4 1	22 50	1 2	13 5	0 35	4 6	0 43	10 43	1 36	17 31	1 17	16 7	0 47	21 15	1 3	5 9	13 53	1 12	0 38	24 54			n.a.
T 15	16 14	26 22	4 38	22 47	0 51	13 31	0 33	4 23	0 42	10 43	1 36	17 33	1 17	16 6	0 47	21 15	1 3	5 9	13 53	1 10	0 37	24 52			n.a.
W16	16 31	28 22	5 0	22 42	0 40	13 58	0 31	4 40	0 42	10 43	1 36	17 35	1 17	16 6	0 47	21 15	1 3	5 9	13 53	1 7	0 35	24 50			n.a.
T 17	16 48	28 57	5 8	22 35	0 27	14 24	0 29	4 58	0 41	10 42	1 36	17 38	1 17	16 6	0 47	21 15	1 3	5 9	13 53	1 4	0 34	24 48			n.a.
F 18	17 5	28 7	5 3	22 27	0 15	14 49	0 26	5 15	0 41	10 42	1 35	17 40	1 17	16 6	0 47	21 15	1 3	5 10	13 52	1 2	0 33	24 46			n.a.
S 19	17 21	25 59	4 44	22 18	0 1	15 15	0 24	5 32	0 40	10 41	1 35	17 42	1 17	16 5	0 47	21 14	1 3	5 10	13 52	1 0	0 31	24 44			n.a.
S 20	17 37	22 44	4 13	22 8	0s13	15 40	0 22	5 48	0 40	10 40	1 35	17 44	1 17	16 5	0 47	21 14	1 3	5 10	13 52	0 59	0 30	24 42			n.a.
M21	17 53	18 34	3 31	21 56	0 27	16 4	0 19	6 5	0 39	10 39	1 34	17 46	1 17	16 5	0 47	21 14	1 3	5 10	13 51	0 59	0 29	24 40			n.a.
T 22	18 9	13 38	2 40	21 43	0 42	16 28	0 17	6 22	0 39	10 39	1 34	17 48	1 17	16 5	0 47	21 14	1 3	5 11	13 51	0 59	0 28	24 38			n.a.
W23	18 24	8 7	1 40	21 29	0 57	16 52	0 15	6 39	0 38	10 38	1 34	17 50	1 17	16 4	0 47	21 13	1 3	5 11	13 51	0 59	0 26	24 36			n.a.
T 24	18 39	2 12	0 35	21 15	1 13	17 15	0 12	6 55	0 38	10 37	1 34	17 52	1 16	16 4	0 47	21 13	1 3	5 11	13 50	1 0	0 25	24 34			n.a.
F 25	18 54	3n58	0n33	20 59	1 28	17 38	0 10	7 12	0 37	10 36	1 33	17 54	1 16	16 4	0 47	21 13	1 3	5 11	13 50	1 0	0 24	24 32			n.a.
S 26	19 8	10 8	1 41	20 42	1 44	18 1	0 8	7 28	0 37	10 35	1 33	17 56	1 16	16 3	0 47	21 13	1 3	5 11	13 50	0 59	0 22	24 30			n.a.
S 27	19 22	16 3	2 46	20 25	2 0	18 23	0 5	7 45	0 36	10 33	1 33	17 58	1 16	16 3	0 47	21 13	1 3	5 11	13 49	0 58	0 21	24 28			n.a.
M28	19 36	21 19	3 43	20 8	2 16	18 44	0 3	8 1	0 35	10 32	1 32	18 0	1 16	16 2	0 47	21 12	1 3	5 12	13 49	0 55	0 20	24 26			n.a.
T 29	19 49	25 30	4 27	19 50	2 31	19 5	0 1	8 17	0 35	10 31	1 32	18 2	1 16	16 2	0 47	21 12	1 3	5 12	13 49	0 52	0 19	24 24			n.a.
W30	20 3	28 8	4 55	19 31	2 47	19 26	0n 2	8 33	0 34	10 29	1 32	18 4	1 16	16 2	0 46	21 12	1 3	5 12	13 48	0 49	0 17	24 22			n.a.
T 31	20n15	28n52	5n 5	19n13	3s 1	19n46	0n 4	8n49	0s34	10n28	1n31	18n 6	1s16	16n 1	0n46	21s12	1n 3	5n12	13n48	0n45	0n16	24s20			n.a.

Julian Day Number = 1366155.5, Delta T = 06h54m41s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°30'15, Lahiri = -17°23'14 Julian Calendar 1 May 973 BCE == Greg. Calendar 22 Apr. 973 BCE

The year -972 astronomical counting style corresponds to year 973 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 973 BCE
geocentric

JUNE 973 BCE (-972) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 1 4	29♉59'18	16♋55	8°R51	27♉48	24♈24	7♍ 7	25♉11	19♌16	9°R35	18°R58	1°R45	0♈37	1♒59	n.a.	F 1
S 2	16 5 1	0♊56'25	1♌28	8♊18	29° 2	25° 5	7°10	25°19	19°17	9♐33	18♎57	1♈39	0°33	2° 6	n.a.	S 2
S 3	16 8 57	1°53'31	15°51	7°43	0♊15	25°46	7°14	25°27	19°19	9°31	18°56	1°36	0°30	2°13	n.a.	S 3
M 4	16 12 54	2°50'38	0♍ 1	7° 6	1°29	26°27	7°17	25°34	19°20	9°30	18°55	1°D35	0°27	2°19	n.a.	M 4
T 5	16 16 50	3°47'44	13°57	6°28	2°43	27° 8	7°21	25°42	19°22	9°28	18°54	1°35	0°24	2°26	n.a.	T 5
W 6	16 20 47	4°44'51	27°38	5°49	3°57	27°49	7°25	25°50	19°23	9°27	18°53	1°R36	0°21	2°33	n.a.	W 6
T 7	16 24 43	5°41'58	11♎ 6	5°10	5°10	28°30	7°30	25°58	19°25	9°25	18°52	1°36	0°18	2°39	n.a.	T 7
F 8	16 28 40	6°39'05	24°22	4°32	6°24	29°11	7°34	26° 6	19°26	9°23	18°51	1°33	0°14	2°46	n.a.	F 8
S 9	16 32 36	7°36'12	7♏26	3°55	7°38	29°51	7°39	26°13	19°28	9°22	18°50	1°29	0°11	2°53	n.a.	S 9
S 10	16 36 33	8°33'20	20°18	3°20	8°52	0♉32	7°43	26°21	19°30	9°20	18°49	1°22	0° 8	2°59	n.a.	S 10
M11	16 40 30	9°30'29	2♐59	2°48	10° 6	1°13	7°48	26°29	19°32	9°19	18°48	1°12	0° 5	3° 6	n.a.	M11
T 12	16 44 26	10°27'38	15°29	2°19	11°20	1°53	7°53	26°37	19°34	9°17	18°47	1° 1	0° 2	3°13	n.a.	T 12
W13	16 48 23	11°24'47	27°48	1°53	12°33	2°34	7°58	26°44	19°36	9°15	18°46	0°48	29♓59	3°20	n.a.	W13
T 14	16 52 19	12°21'58	9♑57	1°32	13°47	3°14	8° 4	26°52	19°37	9°14	18°46	0°36	29°55	3°26	n.a.	T 14
F 15	16 56 16	13°19'09	21°57	1°16	15° 1	3°54	8° 9	27° 0	19°39	9°12	18°45	0°26	29°52	3°33	n.a.	F 15
S 16	17 0 12	14°16'21	3♒51	1° 5	16°15	4°35	8°15	27° 7	19°42	9°10	18°44	0°17	29°49	3°40	n.a.	S 16
S 17	17 4 9	15°13'35	15°41	0°59	17°29	5°15	8°21	27°15	19°44	9° 9	18°43	0°11	29°46	3°46	n.a.	S 17
M18	17 8 6	16°10'49	27°32	0°D59	18°43	5°55	8°27	27°23	19°46	9° 7	18°43	0° 8	29°43	3°53	n.a.	M18
T 19	17 12 2	17° 8'04	9♓27	1° 5	19°57	6°35	8°33	27°30	19°48	9° 6	18°42	0° 6	29°39	4° 0	n.a.	T 19
W20	17 15 59	18° 5'20	21°33	1°16	21°11	7°15	8°39	27°38	19°50	9° 4	18°41	0°D 6	29°36	4° 6	n.a.	W20
T 21	17 19 55	19° 2'38	3♈55	1°34	22°25	7°55	8°45	27°45	19°52	9° 2	18°41	0°R 6	29°33	4°13	n.a.	T 21
F 22	17 23 52	19°59'56	16°37	1°58	23°39	8°35	8°52	27°53	19°55	9° 1	18°40	0° 5	29°30	4°20	n.a.	F 22
S 23	17 27 48	20°57'16	29°44	2°28	24°53	9°15	8°58	28° 0	19°57	8°59	18°40	0° 3	29°27	4°27	n.a.	S 23
S 24	17 31 45	21°54'38	13♉18	3° 4	26° 7	9°55	9° 5	28° 8	20° 0	8°58	18°39	29♓58	29°24	4°33	n.a.	S 24
M25	17 35 41	22°52'00	27°20	3°46	27°21	10°34	9°12	28°15	20° 2	8°56	18°39	29°50	29°20	4°40	n.a.	M25
T 26	17 39 38	23°49'24	11♊48	4°34	28°35	11°14	9°19	28°23	20° 4	8°55	18°38	29°40	29°17	4°47	n.a.	T 26
W27	17 43 35	24°46'49	26°36	5°28	29°49	11°54	9°26	28°30	20° 7	8°53	18°38	29°29	29°14	4°53	n.a.	W27
T 28	17 47 31	25°44'15	11♋35	6°28	1♋ 3	12°33	9°33	28°37	20° 9	8°51	18°38	29°18	29°11	5° 0	n.a.	T 28
F 29	17 51 28	26°41'42	26°36	7°34	2°17	13°13	9°41	28°44	20°12	8°50	18°37	29° 9	29° 8	5° 7	n.a.	F 29
S 30	17 55 24	27♊39'10	11♌30	8♊45	3♋32	13♉52	9♍48	28♉52	20♌15	8♐48	18♎37	29♓ 1	29♓ 5	5♒13	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n28	27n35	4n54	18n54	3s15	20n 5	0n 6	9n 5	0s33	10n27	1n31	18n 8	1s16	16n 1	0n46	21s11	1n 3	5n12	13n47	0n42	0n15	24s18		n.a.
S 2	20 40	24 27	4 25	18 36	3 29	20 24	0 9	9 21	0 33	10 25	1 31	18 10	1 16	16 0	0 46	21 11	1 3	5 12	13 47	0 40	0 14	24 16		n.a.
S 3	20 52	19 49	3 39	18 18	3 41	20 42	0 11	9 37	0 32	10 23	1 31	18 12	1 16	16 0	0 46	21 11	1 3	5 12	13 47	0 39	0 12	24 14		n.a.
M 4	21 3	14 8	2 40	18 1	3 52	21 0	0 14	9 52	0 31	10 22	1 30	18 14	1 16	15 59	0 46	21 11	1 3	5 12	13 46	0 38	0 11	24 12		n.a.
T 5	21 14	7 50	1 33	17 45	4 2	21 17	0 16	10 8	0 31	10 20	1 30	18 16	1 16	15 59	0 46	21 10	1 3	5 12	13 46	0 38	0 10	24 10		n.a.
W 6	21 25	1 17	0 21	17 30	4 11	21 34	0 18	10 23	0 30	10 18	1 30	18 18	1 16	15 58	0 46	21 10	1 3	5 12	13 45	0 39	0 8	24 8		n.a.
T 7	21 35	5s14	0s50	17 16	4 18	21 50	0 20	10 39	0 30	10 16	1 29	18 20	1 16	15 58	0 46	21 10	1 3	5 12	13 45	0 39	0 7	24 6		n.a.
F 8	21 46	11 25	1 58	17 3	4 24	22 5	0 23	10 54	0 29	10 14	1 29	18 21	1 15	15 57	0 46	21 10	1 3	5 12	13 45	0 38	0 6	24 4		n.a.
S 9	21 55	17 0	2 58	16 53	4 28	22 20	0 25	11 9	0 28	10 12	1 29	18 23	1 15	15 56	0 46	21 10	1 3	5 12	13 44	0 36	0 5	24 2		n.a.
S 10	22 4	21 45	3 48	16 44	4 30	22 34	0 27	11 24	0 28	10 10	1 29	18 25	1 15	15 56	0 46	21 9	1 3	5 12	13 44	0 33	0 3	24 0		n.a.
M11	22 13	25 26	4 26	16 36	4 31	22 48	0 30	11 39	0 27	10 8	1 28	18 27	1 15	15 55	0 46	21 9	1 3	5 12	13 43	0 29	0 2	23 58		n.a.
T 12	22 22	27 49	4 51	16 31	4 31	23 1	0 32	11 54	0 26	10 6	1 28	18 29	1 15	15 55	0 46	21 9	1 3	5 12	13 43	0 24	0 1	23 56		n.a.
W13	22 30	28 49	5 1	16 29	4 29	23 13	0 34	12 9	0 26	10 4	1 28	18 31	1 15	15 54	0 46	21 9	1 3	5 12	13 42	0 20	0s 1	23 54		n.a.
T 14	22 38	28 22	4 57	16 28	4 25	23 25	0 36	12 23	0 25	10 2	1 28	18 33	1 15	15 53	0 46	21 8	1 3	5 11	13 42	0 15	0 2	23 52		n.a.
F 15	22 45	26 36	4 41	16 30	4 20	23 35	0 38	12 38	0 25	9 59	1 27	18 34	1 15	15 53	0 46	21 8	1 3	5 11	13 41	0 10	0 3	23 49		n.a.
S 16	22 52	23 40	4 12	16 34	4 13	23 46	0 40	12 52	0 24	9 57	1 27	18 36	1 15	15 52	0 46	21 8	1 3	5 11	13 41	0 7	0 4	23 47		n.a.
S 17	22 59	19 45	3 32	16 40	4 6	23 55	0 42	13 7	0 23	9 54	1 27	18 38	1 15	15 51	0 46	21 8	1 3	5 11	13 41	0 5	0 6	23 45		n.a.
M18	23 5	15 4	2 43	16 49	3 57	24 4	0 44	13 21	0 23	9 52	1 27	18 40	1 15	15 50	0 46	21 7	1 3	5 11	13 40	0 3	0 7	23 43		n.a.
T 19	23 11	9 48	1 47	17 0	3 47	24 12	0 46	13 35	0 22	9 49	1 26	18 42	1 15	15 50	0 46	21 7	1 3	5 11	13 40	0 3	0 8	23 41		n.a.
W20	23 16	4 5	0 45	17 13	3 36	24 19	0 48	13 49	0 21	9 47	1 26	18 43	1 15	15 49	0 46	21 7	1 3	5 10	13 39	0 3	0 10	23 39		n.a.
T 21	23 21	1n53	0n20	17 28	3 24	24 26	0 50	14 3	0 21	9 44	1 26	18 45	1 15	15 48	0 46	21 7	1 3	5 10	13 39	0 3	0 11	23 37		n.a.
F 22	23 26	7 57	1 26	17 44	3 12	24 32	0 52	14 16	0 20	9 41	1 25	18 47	1 15	15 47	0 46	21 6	1 3	5 10	13 38	0 2	0 12	23 35		n.a.
S 23	23 30	13 53	2 30	18 3	2 59	24 37	0 54	14 30	0 19	9 39	1 25	18 49	1 15	15 47	0 46	21 6	1 3	5 10	13 38	0 1	0 13	23 32		n.a.
S 24	23 34	19 22	3 27	18 23	2 46	24 41	0 56	14 43	0 19	9 36	1 25	18 50	1 15	15 46	0 46	21 6	1 3	5 9	13 37	0s 1	0 15	23 30		n.a.
M25	23 37	23 59	4 14	18 45	2 32	24 45	0 58	14 57	0 18	9 33	1 25	18 52	1 15	15 45	0 46	21 6	1 3	5 9	13 37	0 4	0 16	23 28		n.a.
T 26	23 40	27 17	4 46	19 8	2 18	24 48	1 0	15 10	0 17	9 30	1 24	18 54	1 15	15 44	0 46	21 6	1 3	5 9	13 36	0 8	0 17	23 26		n.a.
W27	23 43	28 46	5 0	19 32	2 3	24 50	1 1	15 23	0 17	9 27	1 24	18 55	1 15	15 43	0 45	21 5	1 3	5 9	13 36	0 12	0 19	23 24		n.a.
T 28	23 45	28 10	4 53	19 57	1 49	24 51	1 3	15 36	0 16	9 24	1 24	18 57	1 15	15 43	0 45	21 5	1 3	5 8	13 35	0 17	0 20	23 22		n.a.
F 29	23 46	25 31	4 27	20 22	1 34	24 52	1 4	15 48	0 15	9 21	1 24	18 59	1 15	15 42	0 45	21 5	1 3	5 8	13 35	0 21	0 21	23 19		n.a.
S 30	23n48	21n 9	3n42	20n48	1s19	24n52	1n 6	16n 1	0s15	9n18	1n24	19n 0	1s15	15n41	0n45	21s 5	1n 3	5n 8	13n34	0s24	0s22	23s17		n.a.

Julian Day Number = 1366186.5, Delta T = 06h54m39s
Ecliptic obliquity = 23°48'49, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°30'11, Lahiri = -17°23'10 Julian Calendar 1 June 973 BCE == Greg. Calendar 23 May 973 BCE

The year -972 astronomical counting style corresponds to year 973 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 973 BCE
geocentric

JULY 973 BCE (-972) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 59 21	28♊36'39	26♌ 9	10♊ 1	4♋46	14♉31	9♍56	28♉59	20♌17	8°R47	18°R37	28°R57	29♓ 1	5♒20	n.a.	S 1
M 2	18 3 17	29°34'09	10♍28	11°23	6° 0	15°11	10° 4	29° 6	20°20	8♐45	18♎36	28♓54	28°58	5°27	n.a.	M 2
T 3	18 7 14	0♋31'40	24°27	12°50	7°14	15°50	10°12	29°13	20°23	8°44	18°36	28°54	28°55	5°34	n.a.	T 3
W 4	18 11 11	1°29'12	8♎ 4	14°21	8°28	16°29	10°20	29°20	20°26	8°42	18°36	28°54	28°52	5°40	n.a.	W 4
T 5	18 15 7	2°26'45	21°23	15°57	9°42	17° 8	10°28	29°27	20°28	8°41	18°36	28°53	28°49	5°47	n.a.	T 5
F 6	18 19 4	3°24'19	4♏24	17°37	10°57	17°47	10°36	29°34	20°31	8°40	18°36	28°50	28°45	5°54	n.a.	F 6
S 7	18 23 0	4°21'54	17°12	19°21	12°11	18°26	10°45	29°41	20°34	8°38	18°36	28°45	28°42	6° 0	n.a.	S 7
S 8	18 26 57	5°19'30	29°47	21° 8	13°25	19° 5	10°53	29°48	20°37	8°37	18°36	28°37	28°39	6° 7	n.a.	S 8
M 9	18 30 53	6°17'08	12♐12	22°58	14°39	19°43	11° 2	29°55	20°40	8°35	18°D36	28°26	28°36	6°14	n.a.	M 9
T 10	18 34 50	7°14'47	24°28	24°51	15°53	20°22	11°10	0♊ 2	20°43	8°34	18°36	28°13	28°33	6°20	n.a.	T 10
W11	18 38 46	8°12'28	6♑36	26°46	17° 8	21° 1	11°19	0° 9	20°46	8°33	18°36	28° 0	28°30	6°27	n.a.	W11
T 12	18 42 43	9°10'10	18°37	28°42	18°22	21°39	11°28	0°16	20°49	8°31	18°36	27°47	28°26	6°34	n.a.	T 12
F 13	18 46 40	10° 7'54	0♒32	0♋40	19°36	22°18	11°37	0°22	20°52	8°30	18°36	27°35	28°23	6°41	n.a.	F 13
S 14	18 50 36	11° 5'39	12°23	2°40	20°50	22°56	11°47	0°29	20°55	8°29	18°36	27°25	28°20	6°47	n.a.	S 14
S 15	18 54 33	12° 3'26	24°12	4°40	22° 5	23°34	11°56	0°35	20°58	8°27	18°36	27°18	28°17	6°54	n.a.	S 15
M16	18 58 29	13° 1'14	6♓ 2	6°40	23°19	24°13	12° 5	0°42	21° 2	8°26	18°36	27°14	28°14	7° 1	n.a.	M16
T 17	19 2 26	13°59'05	17°57	8°41	24°33	24°51	12°15	0°48	21° 5	8°25	18°37	27°12	28°11	7° 7	n.a.	T 17
W18	19 6 22	14°56'57	0♈ 1	10°41	25°47	25°29	12°24	0°55	21° 8	8°24	18°37	27°D12	28° 7	7°14	n.a.	W18
T 19	19 10 19	15°54'52	12°20	12°41	27° 2	26° 7	12°34	1° 1	21°11	8°22	18°37	27°R12	28° 4	7°21	n.a.	T 19
F 20	19 14 15	16°52'48	24°59	14°41	28°16	26°45	12°44	1° 8	21°15	8°21	18°38	27°12	28° 1	7°27	n.a.	F 20
S 21	19 18 12	17°50'46	8♉ 3	16°39	29°30	27°23	12°54	1°14	21°18	8°20	18°38	27°10	27°58	7°34	n.a.	S 21
S 22	19 22 9	18°48'47	21°34	18°38	0♌45	28° 1	13° 4	1°20	21°21	8°19	18°38	27° 6	27°55	7°41	n.a.	S 22
M23	19 26 5	19°46'49	5♊35	20°35	1°59	28°39	13°14	1°26	21°25	8°18	18°39	27° 0	27°51	7°47	n.a.	M23
T 24	19 30 2	20°44'54	20° 5	22°31	3°13	29°16	13°24	1°32	21°28	8°17	18°39	26°52	27°48	7°54	n.a.	T 24
W25	19 33 58	21°43'00	4♋59	24°26	4°28	29°54	13°34	1°38	21°31	8°16	18°40	26°42	27°45	8° 1	n.a.	W25
T 26	19 37 55	22°41'09	20° 9	26°20	5°42	0♊31	13°44	1°44	21°35	8°15	18°40	26°33	27°42	8° 8	n.a.	T 26
F 27	19 41 51	23°39'19	5♌25	28°13	6°57	1° 9	13°55	1°50	21°38	8°14	18°41	26°24	27°39	8°14	n.a.	F 27
S 28	19 45 48	24°37'31	20°35	0♌ 5	8°11	1°46	14° 5	1°56	21°42	8°13	18°42	26°18	27°36	8°21	n.a.	S 28
S 29	19 49 44	25°35'45	5♍30	1°55	9°25	2°24	14°16	2° 2	21°45	8°12	18°42	26°14	27°32	8°28	n.a.	S 29
M30	19 53 41	26°34'00	20° 4	3°44	10°40	3° 1	14°27	2° 7	21°49	8°11	18°43	26°D12	27°29	8°34	n.a.	M30
T 31	19 57 38	27♋32'18	4♎13	5♌33	11♌54	3♊38	14♍37	2♊13	21♌52	8♐10	18♎44	26♓12	27♓26	8♒41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	15n33	2n44	21n14	1s 5	24n51	1n 8	16n14	0s14	9n15	1n23	19n 2	1s15	15n40	0n45	21s 5	1n 3	5n 7	13n34	0s26	0s24	23s15		n.a.
M 2	23 49	9 14	1 36	21 40	0 51	24 49	1 9	16 26	0 13	9 11	1 23	19 3	1 15	15 39	0 45	21 4	1 3	5 7	13 33	0 27	0 25	23 13		n.a.
T 3	23 49	2 36	0 23	22 5	0 36	24 47	1 10	16 38	0 12	9 8	1 23	19 5	1 15	15 38	0 45	21 4	1 3	5 6	13 33	0 27	0 26	23 10		n.a.
W 4	23 48	3s59	0s48	22 30	0 23	24 44	1 12	16 50	0 12	9 5	1 23	19 7	1 15	15 37	0 45	21 4	1 3	5 6	13 32	0 27	0 28	23 8		n.a.
T 5	23 47	10 15	1 56	22 54	0 10	24 40	1 13	17 2	0 11	9 2	1 22	19 8	1 15	15 36	0 45	21 4	1 3	5 6	13 32	0 27	0 29	23 6		n.a.
F 6	23 46	15 56	2 56	23 17	0n 3	24 35	1 14	17 14	0 10	8 58	1 22	19 10	1 15	15 35	0 45	21 3	1 3	5 5	13 31	0 28	0 30	23 4		n.a.
S 7	23 44	20 50	3 46	23 38	0 15	24 30	1 16	17 26	0 10	8 55	1 22	19 11	1 15	15 34	0 45	21 3	1 3	5 5	13 31	0 30	0 31	23 2		n.a.
S 8	23 42	24 42	4 23	23 58	0 27	24 24	1 17	17 37	0 9	8 51	1 22	19 13	1 15	15 33	0 45	21 3	1 3	5 4	13 30	0 34	0 33	22 59		n.a.
M 9	23 40	27 22	4 48	24 15	0 38	24 17	1 18	17 49	0 8	8 48	1 21	19 14	1 15	15 32	0 45	21 3	1 3	5 4	13 29	0 38	0 34	22 57		n.a.
T 10	23 37	28 41	4 59	24 31	0 48	24 9	1 19	18 0	0 7	8 44	1 21	19 16	1 15	15 31	0 45	21 3	1 3	5 3	13 29	0 43	0 35	22 55		n.a.
W11	23 33	28 35	4 57	24 44	0 57	24 1	1 20	18 11	0 7	8 40	1 21	19 17	1 15	15 30	0 45	21 3	1 3	5 3	13 28	0 48	0 37	22 53		n.a.
T 12	23 29	27 8	4 41	24 54	1 6	23 52	1 21	18 22	0 6	8 37	1 21	19 19	1 15	15 29	0 45	21 2	1 3	5 2	13 28	0 54	0 38	22 50		n.a.
F 13	23 25	24 27	4 13	25 2	1 14	23 42	1 22	18 33	0 5	8 33	1 21	19 20	1 15	15 28	0 45	21 2	1 3	5 2	13 27	0 59	0 39	22 48		n.a.
S 14	23 20	20 46	3 34	25 8	1 20	23 32	1 22	18 43	0 4	8 29	1 20	19 21	1 15	15 27	0 45	21 2	1 3	5 1	13 27	1 2	0 40	22 46		n.a.
S 15	23 15	16 15	2 45	25 10	1 27	23 20	1 23	18 54	0 4	8 26	1 20	19 23	1 15	15 26	0 45	21 2	1 3	5 1	13 26	1 5	0 42	22 43		n.a.
M16	23 10	11 8	1 50	25 10	1 32	23 8	1 24	19 4	0 3	8 22	1 20	19 24	1 15	15 25	0 45	21 2	1 2	5 0	13 26	1 7	0 43	22 41		n.a.
T 17	23 4	5 35	0 49	25 8	1 36	22 56	1 24	19 15	0 2	8 18	1 20	19 25	1 15	15 24	0 45	21 1	1 2	4 59	13 25	1 8	0 44	22 39		n.a.
W18	22 58	0n14	0n15	25 2	1 40	22 43	1 25	19 25	0 1	8 14	1 20	19 27	1 15	15 23	0 45	21 1	1 2	4 59	13 25	1 8	0 45	22 37		n.a.
T 19	22 51	6 10	1 20	24 54	1 43	22 29	1 25	19 35	0 1	8 10	1 19	19 28	1 15	15 22	0 45	21 1	1 2	4 58	13 24	1 8	0 47	22 34		n.a.
F 20	22 44	12 1	2 22	24 44	1 45	22 14	1 26	19 44	0n 0	8 6	1 19	19 29	1 15	15 21	0 45	21 1	1 2	4 58	13 24	1 8	0 48	22 32		n.a.
S 21	22 36	17 32	3 19	24 31	1 47	21 59	1 26	19 54	0 1	8 2	1 19	19 31	1 15	15 20	0 45	21 1	1 2	4 57	13 23	1 9	0 49	22 30		n.a.
S 22	22 28	22 25	4 7	24 16	1 48	21 43	1 27	20 3	0 2	7 58	1 19	19 32	1 15	15 19	0 45	21 1	1 2	4 56	13 23	1 10	0 51	22 27		n.a.
M23	22 20	26 12	4 42	23 59	1 48	21 26	1 27	20 13	0 3	7 54	1 19	19 33	1 15	15 18	0 45	21 1	1 2	4 56	13 22	1 13	0 52	22 25		n.a.
T 24	22 11	28 26	5 1	23 40	1 47	21 9	1 27	20 22	0 3	7 50	1 18	19 34	1 15	15 16	0 45	21 0	1 2	4 55	13 22	1 16	0 53	22 23		n.a.
W25	22 2	28 43	5 0	23 19	1 46	20 51	1 27	20 31	0 4	7 46	1 18	19 36	1 15	15 15	0 45	21 0	1 2	4 54	13 21	1 20	0 54	22 20		n.a.
T 26	21 52	26 51	4 38	22 56	1 45	20 33	1 27	20 40	0 5	7 41	1 18	19 37	1 15	15 14	0 45	21 0	1 2	4 54	13 20	1 24	0 56	22 18		n.a.
F 27	21 42	23 2	3 56	22 31	1 43	20 14	1 27	20 48	0 6	7 37	1 18	19 38	1 15	15 13	0 45	21 0	1 2	4 53	13 20	1 27	0 57	22 16		n.a.
S 28	21 32	17 40	2 58	22 5	1 40	19 54	1 27	20 57	0 7	7 33	1 18	19 39	1 15	15 12	0 45	21 0	1 2	4 52	13 19	1 30	0 58	22 13		n.a.
S 29	21 21	11 19	1 48	21 37	1 37	19 34	1 27	21 5	0 7	7 28	1 18	19 40	1 15	15 11	0 45	21 0	1 2	4 51	13 19	1 31	1 0	22 11		n.a.
M30	21 10	4 30	0 33	21 8	1 34	19 13	1 26	21 13	0 8	7 24	1 17	19 41	1 15	15 9	0 45	21 0	1 2	4 51	13 18	1 32	1 1	22 9		n.a.
T 31	20n59	2s21	0s43	20n38	1n30	18n52	1n26	21n21	0n 9	7n20	1n17	19n42	1s15	15n 8	0n45	21s 0	1n 2	4n50	13n18	1s32	1s 2	22s 6		n.a.

Julian Day Number = 1366216.5, Delta T = 06h54m38s
Ecliptic obliquity = 23°48'49, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°30'07, Lahiri = -17°23'06 Julian Calendar 1 July 973 BCE == Greg. Calendar 22 June 973 BCE

The year -972 astronomical counting style corresponds to year 973 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 973 BCE
geocentric

AUGUST 973 BCE (-972) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 1 34	28♋30'36	17♎56	7♌19	13♌ 8	4♊15	14♍48	2♊18	21♌56	8°R 9	18♎45	26♓13	27♓23	8♒48	n.a.	W 1
T 2	20 5 31	29°28'57	1♏15	9° 5	14°23	4°52	14°59	2°24	22° 0	8♐ 8	18°45	26°R13	27°20	8°54	n.a.	T 2
F 3	20 9 27	0♌27'19	14°12	10°50	15°37	5°29	15°10	2°29	22° 3	8° 7	18°46	26°12	27°17	9° 1	n.a.	F 3
S 4	20 13 24	1°25'43	26°52	12°33	16°52	6° 5	15°21	2°35	22° 7	8° 6	18°47	26° 9	27°13	9° 8	n.a.	S 4
S 5	20 17 20	2°24'08	9♐17	14°16	18° 6	6°42	15°33	2°40	22°10	8° 6	18°48	26° 4	27°10	9°14	n.a.	S 5
M 6	20 21 17	3°22'36	21°31	15°57	19°20	7°19	15°44	2°45	22°14	8° 5	18°49	25°57	27° 7	9°21	n.a.	M 6
T 7	20 25 13	4°21'05	3♑37	17°37	20°35	7°55	15°55	2°50	22°18	8° 4	18°50	25°48	27° 4	9°28	n.a.	T 7
W 8	20 29 10	5°19'36	15°36	19°16	21°49	8°32	16° 6	2°55	22°21	8° 3	18°51	25°38	27° 1	9°35	n.a.	W 8
T 9	20 33 7	6°18'09	27°30	20°54	23° 4	9° 8	16°18	3° 0	22°25	8° 3	18°52	25°28	26°57	9°41	n.a.	T 9
F 10	20 37 3	7°16'45	9♒21	22°30	24°18	9°44	16°29	3° 5	22°29	8° 2	18°53	25°20	26°54	9°48	n.a.	F 10
S 11	20 41 0	8°15'22	21°11	24° 6	25°32	10°21	16°41	3°10	22°32	8° 1	18°54	25°13	26°51	9°55	n.a.	S 11
S 12	20 44 56	9°14'01	3♓ 2	25°41	26°47	10°57	16°53	3°14	22°36	8° 1	18°55	25° 8	26°48	10° 1	n.a.	S 12
M13	20 48 53	10°12'43	14°55	27°15	28° 1	11°33	17° 4	3°19	22°40	8° 0	18°56	25° 6	26°45	10° 8	n.a.	M13
T 14	20 52 49	11°11'27	26°54	28°47	29°16	12° 9	17°16	3°23	22°44	8° 0	18°57	25°D 5	26°42	10°15	n.a.	T 14
W15	20 56 46	12°10'13	9♈ 2	0♍19	0♍30	12°44	17°28	3°28	22°47	7°59	18°59	25° 6	26°38	10°21	n.a.	W15
T 16	21 0 42	13° 9'01	21°23	1°50	1°44	13°20	17°40	3°32	22°51	7°59	19° 0	25° 7	26°35	10°28	n.a.	T 16
F 17	21 4 39	14° 7'52	4♉ 1	3°19	2°59	13°56	17°52	3°36	22°55	7°58	19° 1	25° 9	26°32	10°35	n.a.	F 17
S 18	21 8 35	15° 6'45	17° 1	4°48	4°13	14°31	18° 4	3°41	22°59	7°58	19° 2	25°R 9	26°29	10°41	n.a.	S 18
S 19	21 12 32	16° 5'41	0♊26	6°15	5°27	15° 7	18°16	3°45	23° 2	7°58	19° 4	25° 8	26°26	10°48	n.a.	S 19
M20	21 16 29	17° 4'39	14°18	7°42	6°42	15°42	18°28	3°49	23° 6	7°57	19° 5	25° 6	26°22	10°55	n.a.	M20
T 21	21 20 25	18° 3'40	28°37	9° 7	7°56	16°18	18°40	3°52	23°10	7°57	19° 6	25° 2	26°19	11° 1	n.a.	T 21
W22	21 24 22	19° 2'44	13♋22	10°32	9°11	16°53	18°52	3°56	23°14	7°57	19° 8	24°56	26°16	11° 8	n.a.	W22
T 23	21 28 18	20° 1'49	28°25	11°55	10°25	17°28	19° 5	4° 0	23°18	7°57	19° 9	24°51	26°13	11°15	n.a.	T 23
F 24	21 32 15	21° 0'57	13♌39	13°17	11°39	18° 3	19°17	4° 4	23°21	7°56	19°11	24°46	26°10	11°22	n.a.	F 24
S 25	21 36 11	22° 0'07	28°53	14°38	12°54	18°38	19°29	4° 7	23°25	7°56	19°12	24°43	26° 7	11°28	n.a.	S 25
S 26	21 40 8	22°59'19	13♍56	15°58	14° 8	19°12	19°42	4°11	23°29	7°56	19°14	24°41	26° 3	11°35	n.a.	S 26
M27	21 44 4	23°58'33	28°41	17°16	15°22	19°47	19°54	4°14	23°33	7°56	19°15	24°D41	26° 0	11°42	n.a.	M27
T 28	21 48 1	24°57'49	13♎ 1	18°34	16°37	20°21	20° 7	4°17	23°37	7°56	19°17	24°42	25°57	11°48	n.a.	T 28
W29	21 51 58	25°57'08	26°54	19°49	17°51	20°56	20°19	4°20	23°40	7°56	19°19	24°43	25°54	11°55	n.a.	W29
T 30	21 55 54	26°56'28	10♏21	21° 4	19° 5	21°30	20°32	4°23	23°44	7°D56	19°20	24°45	25°51	12° 2	n.a.	T 30
F 31	21 59 51	27♌55'50	23♏23	22♍16	20♍20	22♊ 4	20♍45	4♊26	23♌48	7♐56	19♎22	24°R46	25♓48	12♒ 8	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20n47	8s53	1s54	20n 7	1n26	18n30	1n26	21n29	0n10	7n15	1n17	19n44	1s15	15n 7	0n45	20s59	1n 2	4n49	13n17	1s32	1s 3	22s 4			n.a.
T 2	20 35	14 50	2 56	19 34	1 21	18 8	1 25	21 37	0 11	7 11	1 17	19 45	1 15	15 6	0 45	20 59	1 2	4 48	13 17	1 31	1 5	22 1			n.a.
F 3	20 22	19 58	3 48	19 1	1 17	17 45	1 25	21 44	0 11	7 6	1 17	19 46	1 15	15 5	0 45	20 59	1 2	4 48	13 16	1 32	1 6	21 59			n.a.
S 4	20 9	24 5	4 27	18 27	1 11	17 22	1 24	21 52	0 12	7 2	1 17	19 47	1 15	15 4	0 45	20 59	1 2	4 47	13 16	1 33	1 7	21 57			n.a.
S 5	19 56	27 1	4 53	17 52	1 6	16 58	1 24	21 59	0 13	6 57	1 16	19 48	1 15	15 2	0 45	20 59	1 2	4 46	13 15	1 35	1 9	21 54			n.a.
M 6	19 42	28 37	5 5	17 16	1 0	16 34	1 23	22 6	0 14	6 53	1 16	19 49	1 15	15 1	0 45	20 59	1 2	4 45	13 15	1 38	1 10	21 52			n.a.
T 7	19 28	28 49	5 3	16 39	0 54	16 9	1 22	22 13	0 15	6 48	1 16	19 50	1 15	15 0	0 45	20 59	1 2	4 44	13 14	1 42	1 11	21 49			n.a.
W 8	19 14	27 39	4 48	16 3	0 48	15 44	1 21	22 20	0 16	6 44	1 16	19 51	1 15	14 59	0 45	20 59	1 2	4 44	13 14	1 46	1 12	21 47			n.a.
T 9	18 59	25 14	4 20	15 25	0 42	15 18	1 20	22 26	0 17	6 39	1 16	19 52	1 15	14 57	0 45	20 59	1 2	4 43	13 13	1 50	1 14	21 44			n.a.
F 10	18 44	21 44	3 41	14 47	0 35	14 52	1 19	22 33	0 17	6 34	1 16	19 52	1 15	14 56	0 45	20 59	1 2	4 42	13 13	1 53	1 15	21 42			n.a.
S 11	18 29	17 23	2 53	14 9	0 29	14 26	1 18	22 39	0 18	6 30	1 16	19 53	1 15	14 55	0 45	20 59	1 2	4 41	13 12	1 56	1 16	21 40			n.a.
S 12	18 13	12 21	1 56	13 30	0 22	13 59	1 17	22 45	0 19	6 25	1 15	19 54	1 15	14 54	0 45	20 59	1 1	4 40	13 12	1 58	1 18	21 37			n.a.
M13	17 58	6 52	0 55	12 51	0 15	13 32	1 16	22 51	0 20	6 20	1 15	19 55	1 15	14 52	0 45	20 59	1 1	4 39	13 11	1 59	1 19	21 35			n.a.
T 14	17 41	1 6	0n10	12 12	0 8	13 5	1 15	22 57	0 21	6 15	1 15	19 56	1 15	14 51	0 45	20 59	1 1	4 38	13 11	1 59	1 20	21 32			n.a.
W15	17 25	4n47	1 15	11 33	0 1	12 37	1 14	23 3	0 22	6 10	1 15	19 57	1 15	14 50	0 45	20 58	1 1	4 38	13 10	1 59	1 21	21 30			n.a.
T 16	17 8	10 35	2 18	10 53	0s 7	12 9	1 12	23 8	0 23	6 6	1 15	19 57	1 15	14 49	0 45	20 58	1 1	4 37	13 10	1 58	1 23	21 27			n.a.
F 17	16 51	16 7	3 16	10 13	0 14	11 40	1 11	23 13	0 24	6 1	1 15	19 58	1 15	14 47	0 45	20 58	1 1	4 36	13 9	1 57	1 24	21 25			n.a.
S 18	16 33	21 5	4 5	9 34	0 22	11 11	1 9	23 18	0 25	5 56	1 15	19 59	1 15	14 46	0 44	20 58	1 1	4 35	13 9	1 57	1 25	21 22			n.a.
S 19	16 16	25 10	4 43	8 54	0 29	10 42	1 8	23 23	0 26	5 51	1 14	20 0	1 15	14 45	0 44	20 58	1 1	4 34	13 8	1 58	1 26	21 20			n.a.
M20	15 58	27 56	5 6	8 15	0 37	10 13	1 6	23 28	0 26	5 46	1 14	20 0	1 15	14 44	0 44	20 58	1 1	4 33	13 8	1 59	1 28	21 17			n.a.
T 21	15 39	28 59	5 10	7 35	0 45	9 43	1 5	23 33	0 27	5 41	1 14	20 1	1 16	14 42	0 44	20 58	1 1	4 32	13 8	2 0	1 29	21 15			n.a.
W22	15 21	28 2	4 55	6 56	0 52	9 13	1 3	23 37	0 28	5 36	1 14	20 2	1 16	14 41	0 44	20 58	1 1	4 31	13 7	2 2	1 30	21 12			n.a.
T 23	15 2	25 2	4 20	6 17	1 0	8 43	1 1	23 42	0 29	5 31	1 14	20 2	1 16	14 40	0 44	20 58	1 1	4 30	13 7	2 5	1 32	21 10			n.a.
F 24	14 43	20 15	3 25	5 38	1 8	8 13	0 59	23 46	0 30	5 26	1 14	20 3	1 16	14 39	0 44	20 58	1 1	4 29	13 6	2 6	1 33	21 7			n.a.
S 25	14 24	14 10	2 16	4 59	1 15	7 42	0 57	23 50	0 31	5 21	1 14	20 4	1 16	14 37	0 44	20 58	1 1	4 28	13 6	2 8	1 34	21 5			n.a.
S 26	14 4	7 19	0 59	4 21	1 23	7 11	0 55	23 54	0 32	5 16	1 14	20 4	1 16	14 36	0 44	20 58	1 1	4 27	13 5	2 9	1 35	21 2			n.a.
M27	13 44	0 12	0s22	3 43	1 31	6 40	0 54	23 58	0 33	5 11	1 14	20 5	1 16	14 35	0 44	20 58	1 1	4 26	13 5	2 9	1 37	21 0			n.a.
T 28	13 24	6s44	1 39	3 5	1 38	6 9	0 51	24 1	0 34	5 6	1 13	20 5	1 16	14 33	0 44	20 58	1 1	4 25	13 4	2 8	1 38	20 57			n.a.
W29	13 4	13 8	2 48	2 28	1 46	5 38	0 49	24 5	0 35	5 1	1 13	20 6	1 16	14 32	0 44	20 59	1 1	4 24	13 4	2 8	1 39	20 55			n.a.
T 30	12 43	18 42	3 45	1 52	1 53	5 6	0 47	24 8	0 36	4 56	1 13	20 6	1 16	14 31	0 45	20 59	1 1	4 23	13 4	2 7	1 41	20 52			n.a.
F 31	12n23	23s14	4s28	1n16	2s 0	4n35	0n45	24n11	0n37	4n50	1n13	20n 7	1s16	14n30	0n45	20s59	1n 1	4n22	13n 3	2s 7	1s42	20s50			n.a.

Julian Day Number = 1366247.5, Delta T = 06h54m36s
Ecliptic obliquity = 23°48'50, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°30'02, Lahiri = -17°23'02 Julian Calendar 1 Aug. 973 BCE == Greg. Calendar 23 July 973 BCE

The year -972 astronomical counting style corresponds to year 973 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 973 BCE
geocentric

SEPTEMBER 973 BCE (-972) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 3 47	28♌55'14	6♐ 3	23♍27	21♍34	22♊38	20♍57	4♊29	23♌52	7♐56	19♎24	24°R45	25♓44	12♒15	n.a.	S 1
S 2	22 7 44	29°54'39	18°25	24°36	22°48	23°12	21°10	4°32	23°56	7°56	19°25	24♓44	25°41	12°22	n.a.	S 2
M 3	22 11 40	0♍54'07	0♑35	25°44	24° 3	23°46	21°23	4°34	23°59	7°56	19°27	24°42	25°38	12°28	n.a.	M 3
T 4	22 15 37	1°53'37	12°34	26°49	25°17	24°20	21°36	4°37	24° 3	7°56	19°29	24°38	25°35	12°35	n.a.	T 4
W 5	22 19 33	2°53'09	24°28	27°51	26°31	24°54	21°48	4°39	24° 7	7°56	19°30	24°35	25°32	12°42	n.a.	W 5
T 6	22 23 30	3°52'42	6♒19	28°52	27°45	25°27	22° 1	4°41	24°11	7°57	19°32	24°31	25°28	12°48	n.a.	T 6
F 7	22 27 26	4°52'18	18° 9	29°49	29° 0	26° 0	22°14	4°44	24°15	7°57	19°34	24°28	25°25	12°55	n.a.	F 7
S 8	22 31 23	5°51'56	0♓ 1	0♎44	0♎14	26°34	22°27	4°46	24°18	7°57	19°36	24°25	25°22	13° 2	n.a.	S 8
S 9	22 35 20	6°51'35	11°57	1°35	1°28	27° 7	22°40	4°48	24°22	7°58	19°38	24°24	25°19	13° 8	n.a.	S 9
M10	22 39 16	7°51'17	23°58	2°22	2°42	27°40	22°53	4°50	24°26	7°58	19°40	24°D24	25°16	13°15	n.a.	M10
T 11	22 43 13	8°51'02	6♈ 8	3° 6	3°57	28°13	23° 6	4°51	24°30	7°58	19°42	24°24	25°13	13°22	n.a.	T 11
W12	22 47 9	9°50'48	18°27	3°45	5°11	28°45	23°19	4°53	24°33	7°59	19°44	24°25	25° 9	13°28	n.a.	W12
T 13	22 51 6	10°50'37	0♉58	4°19	6°25	29°18	23°32	4°54	24°37	7°59	19°46	24°26	25° 6	13°35	n.a.	T 13
F 14	22 55 2	11°50'28	13°43	4°48	7°39	29°50	23°45	4°56	24°41	8° 0	19°48	24°27	25° 3	13°42	n.a.	F 14
S 15	22 58 59	12°50'21	26°46	5°11	8°53	0♋23	23°58	4°57	24°44	8° 0	19°50	24°28	25° 0	13°49	n.a.	S 15
S 16	23 2 55	13°50'17	10♊ 8	5°28	10° 7	0°55	24°11	4°58	24°48	8° 1	19°52	24°R29	24°57	13°55	n.a.	S 16
M17	23 6 52	14°50'15	23°52	5°38	11°22	1°27	24°25	5° 0	24°52	8° 1	19°54	24°29	24°54	14° 2	n.a.	M17
T 18	23 10 49	15°50'16	7♋57	5°R40	12°36	1°59	24°38	5° 1	24°55	8° 2	19°56	24°28	24°50	14° 9	n.a.	T 18
W19	23 14 45	16°50'19	22°24	5°34	13°50	2°30	24°51	5° 1	24°59	8° 3	19°58	24°27	24°47	14°15	n.a.	W19
T 20	23 18 42	17°50'24	7♌ 7	5°20	15° 4	3° 2	25° 4	5° 2	25° 3	8° 3	20° 0	24°26	24°44	14°22	n.a.	T 20
F 21	23 22 38	18°50'32	22° 2	4°56	16°18	3°33	25°17	5° 3	25° 6	8° 4	20° 2	24°26	24°41	14°29	n.a.	F 21
S 22	23 26 35	19°50'41	7♍ 2	4°23	17°32	4° 5	25°31	5° 3	25°10	8° 5	20° 4	24°25	24°38	14°35	n.a.	S 22
S 23	23 30 31	20°50'53	21°57	3°41	18°46	4°36	25°44	5° 4	25°13	8° 6	20° 6	24°D25	24°34	14°42	n.a.	S 23
M24	23 34 28	21°51'06	6♎40	2°50	20° 0	5° 7	25°57	5° 4	25°17	8° 7	20° 8	24°25	24°31	14°49	n.a.	M24
T 25	23 38 24	22°51'22	21° 4	1°50	21°14	5°37	26°10	5° 4	25°20	8° 7	20°10	24°25	24°28	14°55	n.a.	T 25
W26	23 42 21	23°51'39	5♏ 4	0°44	22°28	6° 8	26°23	5°R 4	25°24	8° 8	20°13	24°25	24°25	15° 2	n.a.	W26
T 27	23 46 17	24°51'58	18°38	29♍31	23°42	6°38	26°37	5° 4	25°27	8° 9	20°15	24°R25	24°22	15° 9	n.a.	T 27
F 28	23 50 14	25°52'18	1♐47	28°14	24°56	7° 9	26°50	5° 4	25°31	8°10	20°17	24°25	24°19	15°15	n.a.	F 28
S 29	23 54 11	26°52'40	14°32	26°55	26°10	7°39	27° 3	5° 4	25°34	8°11	20°19	24°25	24°15	15°22	n.a.	S 29
S 30	23 58 7	27♍53'04	26♐58	25♍37	27♎24	8♋ 9	27♍17	5♊ 3	25♌37	8♐12	20♎22	24°D25	24♓12	15♒29	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n 2	26s32	4s58	0n42	2s 8	4n 3	0n43	24n14	0n38	4n45	1n13	20n 7	1s16	14n28	0n45	20s59	1n 1	4n21	13n 3	2s 7	1s43	20s47		n.a.
S 2	11 41	28 29	5 12	0 7	2 14	3 31	0 41	24 17	0 39	4 40	1 13	20 8	1 16	14 27	0 45	20 59	1 1	4 20	13 2	2 7	1 44	20 45		n.a.
M 3	11 19	29 1	5 13	0s26	2 21	2 59	0 38	24 20	0 40	4 35	1 13	20 8	1 16	14 26	0 45	20 59	1 0	4 19	13 2	2 8	1 46	20 42		n.a.
T 4	10 58	28 10	4 59	0 58	2 28	2 27	0 36	24 22	0 41	4 30	1 13	20 9	1 16	14 25	0 45	20 59	1 0	4 18	13 2	2 10	1 47	20 40		n.a.
W 5	10 36	26 2	4 33	1 29	2 34	1 55	0 34	24 25	0 42	4 25	1 13	20 9	1 16	14 23	0 45	20 59	1 0	4 17	13 1	2 11	1 48	20 37		n.a.
T 6	10 14	22 46	3 55	1 59	2 40	1 23	0 31	24 27	0 43	4 19	1 13	20 9	1 16	14 22	0 45	20 59	1 0	4 16	13 1	2 13	1 50	20 34		n.a.
F 7	9 52	18 35	3 7	2 27	2 46	0 51	0 29	24 29	0 44	4 14	1 13	20 10	1 16	14 21	0 45	20 59	1 0	4 15	13 0	2 14	1 51	20 32		n.a.
S 8	9 30	13 40	2 11	2 54	2 51	0 18	0 26	24 31	0 45	4 9	1 12	20 10	1 16	14 19	0 45	20 59	1 0	4 14	13 0	2 15	1 52	20 29		n.a.
S 9	9 8	8 14	1 8	3 19	2 56	0s14	0 24	24 33	0 46	4 4	1 12	20 10	1 16	14 18	0 45	20 59	1 0	4 13	13 0	2 15	1 53	20 27		n.a.
M10	8 45	2 28	0 2	3 42	3 0	0 46	0 21	24 35	0 47	3 58	1 12	20 11	1 17	14 17	0 45	20 59	1 0	4 12	12 59	2 16	1 55	20 24		n.a.
T 11	8 23	3n27	1n 4	4 4	3 4	1 18	0 19	24 37	0 48	3 53	1 12	20 11	1 17	14 16	0 45	21 0	1 0	4 11	12 59	2 16	1 56	20 21		n.a.
W12	8 0	9 20	2 9	4 22	3 8	1 51	0 16	24 38	0 50	3 48	1 12	20 11	1 17	14 14	0 45	21 0	1 0	4 10	12 59	2 15	1 57	20 19		n.a.
T 13	7 37	14 56	3 9	4 39	3 10	2 23	0 13	24 39	0 51	3 42	1 12	20 12	1 17	14 13	0 45	21 0	1 0	4 9	12 58	2 15	1 58	20 16		n.a.
F 14	7 14	20 1	4 1	4 52	3 12	2 55	0 11	24 41	0 52	3 37	1 12	20 12	1 17	14 12	0 45	21 0	1 0	4 8	12 58	2 14	2 0	20 14		n.a.
S 15	6 51	24 17	4 41	5 2	3 13	3 27	0 8	24 42	0 53	3 32	1 12	20 12	1 17	14 11	0 45	21 0	1 0	4 7	12 58	2 14	2 1	20 11		n.a.
S 16	6 27	27 23	5 7	5 9	3 13	3 59	0 5	24 43	0 54	3 26	1 12	20 12	1 17	14 10	0 45	21 0	1 0	4 6	12 57	2 14	2 2	20 8		n.a.
M17	6 4	28 57	5 17	5 12	3 12	4 31	0 2	24 43	0 55	3 21	1 12	20 12	1 17	14 8	0 45	21 0	1 0	4 5	12 57	2 14	2 4	20 6		n.a.
T 18	5 40	28 42	5 8	5 11	3 10	5 3	0s 0	24 44	0 56	3 16	1 12	20 12	1 17	14 7	0 45	21 0	1 0	4 4	12 57	2 14	2 5	20 3		n.a.
W19	5 17	26 32	4 40	5 5	3 6	5 35	0 3	24 45	0 57	3 10	1 12	20 12	1 17	14 6	0 45	21 1	1 0	4 3	12 56	2 14	2 6	20 0		n.a.
T 20	4 53	22 32	3 53	4 54	3 1	6 7	0 6	24 45	0 59	3 5	1 12	20 13	1 17	14 5	0 45	21 1	1 0	4 2	12 56	2 15	2 7	19 58		n.a.
F 21	4 29	17 4	2 50	4 38	2 54	6 39	0 9	24 46	1 0	3 0	1 12	20 13	1 17	14 3	0 45	21 1	1 0	4 0	12 56	2 15	2 9	19 55		n.a.
S 22	4 5	10 32	1 35	4 17	2 45	7 10	0 12	24 46	1 1	2 54	1 12	20 13	1 17	14 2	0 45	21 1	1 0	3 59	12 55	2 15	2 10	19 53		n.a.
S 23	3 41	3 27	0 14	3 51	2 35	7 41	0 14	24 46	1 2	2 49	1 12	20 13	1 17	14 1	0 45	21 1	1 0	3 58	12 55	2 15	2 11	19 50		n.a.
M24	3 17	3s43	1s 7	3 19	2 22	8 12	0 17	24 46	1 3	2 44	1 12	20 13	1 17	14 0	0 45	21 1	1 0	3 57	12 55	2 15	2 13	19 47		n.a.
T 25	2 53	10 32	2 23	2 42	2 8	8 43	0 20	24 46	1 4	2 38	1 12	20 13	1 17	13 59	0 45	21 2	1 0	3 56	12 55	2 15	2 14	19 45		n.a.
W26	2 28	16 39	3 27	2 0	1 52	9 14	0 23	24 46	1 6	2 33	1 12	20 13	1 17	13 58	0 45	21 2	0 59	3 55	12 54	2 15	2 15	19 42		n.a.
T 27	2 4	21 46	4 18	1 15	1 35	9 45	0 26	24 45	1 7	2 27	1 11	20 13	1 17	13 56	0 45	21 2	0 59	3 54	12 54	2 15	2 16	19 39		n.a.
F 28	1 40	25 37	4 53	0 27	1 16	10 15	0 29	24 45	1 8	2 22	1 11	20 13	1 17	13 55	0 45	21 2	0 59	3 53	12 54	2 15	2 18	19 37		n.a.
S 29	1 16	28 5	5 13	0n23	0 56	10 45	0 32	24 45	1 9	2 17	1 11	20 12	1 17	13 54	0 45	21 2	0 59	3 52	12 54	2 15	2 19	19 34		n.a.
S 30	0n51	29s 4	5s17	1n14	0s35	11s15	0s34	24n44	1n11	2n11	1n11	20n12	1s18	13n53	0n45	21s 3	0n59	3n51	12n53	2s15	2s20	19s31		n.a.

Julian Day Number = 1366278.5, Delta T = 06h54m35s
Ecliptic obliquity = 23°48'50, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°29'58, Lahiri = -17°22'58 Julian Calendar 1 Sept. 973 BCE == Greg. Calendar 23 Aug. 973 BCE

The year -972 astronomical counting style corresponds to year 973 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 973 BCE
geocentric

OCTOBER 973 BCE (-972) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 2 4	28♍53'30	9♉ 7	24°R22	28♎38	8♋38	27♍30	5°R 3	25♌41	8♐13	20♎24	24♓25	24♓ 9	15♒35	n.a.	M 1
T 2	0 6 0	29°53'57	21° 5	23♍13	29°52	9° 8	27°43	5♊ 2	25°44	8°14	20°26	24°26	24° 6	15°42	n.a.	T 2
W 3	0 9 57	0♎54'25	2♒57	22°11	1♏ 6	9°37	27°56	5° 2	25°47	8°15	20°28	24°26	24° 3	15°49	n.a.	W 3
T 4	0 13 53	1°54'55	14°46	21°19	2°20	10° 6	28°10	5° 1	25°51	8°17	20°31	24°27	24° 0	15°55	n.a.	T 4
F 5	0 17 50	2°55'26	26°37	20°37	3°34	10°35	28°23	5° 0	25°54	8°18	20°33	24°28	23°56	16° 2	n.a.	F 5
S 6	0 21 46	3°55'59	8♓33	20° 7	4°48	11° 4	28°36	4°59	25°57	8°19	20°35	24°29	23°53	16° 9	n.a.	S 6
S 7	0 25 43	4°56'34	20°37	19°49	6° 2	11°32	28°49	4°58	26° 0	8°20	20°38	24°R29	23°50	16°15	n.a.	S 7
M 8	0 29 40	5°57'10	2♈50	19°D42	7°15	12° 1	29° 3	4°56	26° 3	8°21	20°40	24°29	23°47	16°22	n.a.	M 8
T 9	0 33 36	6°57'48	15°15	19°46	8°29	12°29	29°16	4°55	26° 7	8°23	20°42	24°28	23°44	16°29	n.a.	T 9
W10	0 37 33	7°58'27	27°52	20° 1	9°43	12°57	29°29	4°53	26°10	8°24	20°45	24°27	23°40	16°35	n.a.	W10
T 11	0 41 29	8°59'08	10♉43	20°26	10°57	13°24	29°42	4°52	26°13	8°25	20°47	24°25	23°37	16°42	n.a.	T 11
F 12	0 45 26	9°59'51	23°46	21° 0	12°10	13°52	29°55	4°50	26°16	8°27	20°49	24°22	23°34	16°49	n.a.	F 12
S 13	0 49 22	11° 0'35	7♊ 3	21°42	13°24	14°19	0♎ 9	4°48	26°19	8°28	20°52	24°20	23°31	16°55	n.a.	S 13
S 14	0 53 19	12° 1'22	20°34	22°31	14°38	14°46	0°22	4°46	26°22	8°30	20°54	24°18	23°28	17° 2	n.a.	S 14
M15	0 57 15	13° 2'10	4♋18	23°26	15°51	15°12	0°35	4°44	26°25	8°31	20°56	24°17	23°25	17° 9	n.a.	M15
T 16	1 1 12	14° 3'00	18°16	24°27	17° 5	15°39	0°48	4°42	26°27	8°33	20°59	24°D17	23°21	17°15	n.a.	T 16
W17	1 5 9	15° 3'51	2♌26	25°32	18°18	16° 5	1° 1	4°40	26°30	8°34	21° 1	24°18	23°18	17°22	n.a.	W17
T 18	1 9 5	16° 4'45	16°47	26°42	19°32	16°31	1°14	4°37	26°33	8°36	21° 3	24°19	23°15	17°29	n.a.	T 18
F 19	1 13 2	17° 5'39	1♍15	27°55	20°45	16°57	1°27	4°35	26°36	8°37	21° 6	24°21	23°12	17°36	n.a.	F 19
S 20	1 16 58	18° 6'36	15°48	29°11	21°59	17°22	1°40	4°32	26°39	8°39	21° 8	24°22	23° 9	17°42	n.a.	S 20
S 21	1 20 55	19° 7'33	0♎20	0♎30	23°12	17°47	1°53	4°30	26°41	8°40	21°11	24°R22	23° 5	17°49	n.a.	S 21
M22	1 24 51	20° 8'33	14°45	1°51	24°26	18°12	2° 6	4°27	26°44	8°42	21°13	24°20	23° 2	17°56	n.a.	M22
T 23	1 28 48	21° 9'33	28°58	3°14	25°39	18°37	2°19	4°24	26°47	8°44	21°15	24°18	22°59	18° 2	n.a.	T 23
W24	1 32 44	22°10'34	12♏53	4°39	26°53	19° 1	2°32	4°21	26°49	8°45	21°18	24°14	22°56	18° 9	n.a.	W24
T 25	1 36 41	23°11'37	26°27	6° 5	28° 6	19°25	2°45	4°18	26°52	8°47	21°20	24° 9	22°53	18°16	n.a.	T 25
F 26	1 40 38	24°12'41	9♐38	7°32	29°19	19°49	2°58	4°15	26°54	8°49	21°23	24° 4	22°50	18°22	n.a.	F 26
S 27	1 44 34	25°13'45	22°27	9° 0	0♐33	20°12	3°11	4°12	26°57	8°51	21°25	24° 0	22°46	18°29	n.a.	S 27
S 28	1 48 31	26°14'50	4♉56	10°29	1°46	20°35	3°24	4° 9	26°59	8°52	21°27	23°56	22°43	18°36	n.a.	S 28
M29	1 52 27	27°15'56	17° 8	11°58	2°59	20°58	3°36	4° 5	27° 1	8°54	21°30	23°54	22°40	18°42	n.a.	M29
T 30	1 56 24	28°17'03	29° 7	13°28	4°12	21°20	3°49	4° 2	27° 4	8°56	21°32	23°D54	22°37	18°49	n.a.	T 30
W31	2 0 20	29♎18'10	10♒59	14♎59	5♐26	21♋42	4♎ 2	3♊58	27♌ 6	8♐58	21♎35	23♓54	22♓34	18♒56	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	0n27	28s36	5s 7	2n 3	0s15	11s44	0s37	24n43	1n12	2n 6	1n11	20n12	1s18	13n52	0n45	21s 3	0n59	3n50	12n53	2s15	2s22	19s28			n.a.
T 2	0 2	26 48	4 44	2 49	0n 6	12 13	0 40	24 43	1 13	2 1	1 11	20 12	1 18	13 51	0 45	21 3	0 59	3 49	12 53	2 15	2 23	19 26			n.a.
W 3	0s22	23 50	4 9	3 32	0 25	12 42	0 43	24 42	1 15	1 55	1 11	20 12	1 18	13 50	0 45	21 3	0 59	3 48	12 53	2 15	2 24	19 23			n.a.
T 4	0 46	19 53	3 23	4 10	0 44	13 11	0 46	24 41	1 16	1 50	1 11	20 12	1 18	13 48	0 45	21 3	0 59	3 47	12 52	2 14	2 25	19 20			n.a.
F 5	1 11	15 9	2 29	4 42	1 1	13 40	0 49	24 40	1 17	1 44	1 11	20 11	1 18	13 47	0 45	21 4	0 59	3 46	12 52	2 14	2 27	19 18			n.a.
S 6	1 35	9 50	1 27	5 8	1 16	14 8	0 51	24 39	1 18	1 39	1 11	20 11	1 18	13 46	0 45	21 4	0 59	3 45	12 52	2 14	2 28	19 15			n.a.
S 7	2 0	4 6	0 21	5 28	1 30	14 35	0 54	24 38	1 20	1 34	1 11	20 11	1 18	13 45	0 45	21 4	0 59	3 44	12 52	2 13	2 29	19 12			n.a.
M 8	2 24	1n51	0n46	5 42	1 42	15 3	0 57	24 37	1 21	1 28	1 11	20 11	1 18	13 44	0 45	21 4	0 59	3 43	12 52	2 14	2 30	19 9			n.a.
T 9	2 48	7 49	1 53	5 49	1 52	15 29	1 0	24 35	1 23	1 23	1 11	20 10	1 18	13 43	0 45	21 5	0 59	3 42	12 51	2 14	2 32	19 7			n.a.
W10	3 13	13 35	2 54	5 51	2 1	15 56	1 2	24 34	1 24	1 18	1 11	20 10	1 18	13 42	0 45	21 5	0 59	3 41	12 51	2 14	2 33	19 4			n.a.
T 11	3 37	18 53	3 49	5 47	2 7	16 22	1 5	24 33	1 25	1 12	1 11	20 10	1 18	13 41	0 45	21 5	0 59	3 40	12 51	2 15	2 34	19 1			n.a.
F 12	4 1	23 23	4 32	5 39	2 12	16 48	1 8	24 31	1 27	1 7	1 11	20 9	1 18	13 40	0 45	21 5	0 59	3 39	12 51	2 16	2 36	18 58			n.a.
S 13	4 25	26 47	5 1	5 25	2 16	17 13	1 10	24 30	1 28	1 2	1 11	20 9	1 18	13 39	0 45	21 6	0 59	3 38	12 51	2 17	2 37	18 56			n.a.
S 14	4 49	28 42	5 15	5 8	2 19	17 38	1 13	24 28	1 30	0 56	1 11	20 9	1 18	13 38	0 45	21 6	0 59	3 37	12 51	2 18	2 38	18 53			n.a.
M15	5 14	28 55	5 11	4 47	2 20	18 3	1 15	24 26	1 31	0 51	1 11	20 8	1 18	13 37	0 45	21 6	0 59	3 36	12 51	2 18	2 39	18 50			n.a.
T 16	5 37	27 18	4 48	4 23	2 20	18 27	1 18	24 25	1 33	0 46	1 11	20 8	1 18	13 36	0 45	21 6	0 59	3 35	12 50	2 18	2 41	18 47			n.a.
W17	6 1	23 57	4 8	3 56	2 20	18 50	1 21	24 23	1 34	0 41	1 11	20 7	1 18	13 35	0 45	21 7	0 59	3 34	12 50	2 18	2 42	18 45			n.a.
T 18	6 25	19 6	3 13	3 26	2 18	19 13	1 23	24 21	1 36	0 35	1 11	20 7	1 18	13 34	0 45	21 7	0 59	3 33	12 50	2 17	2 43	18 42			n.a.
F 19	6 49	13 7	2 4	2 55	2 16	19 36	1 25	24 20	1 37	0 30	1 11	20 7	1 18	13 33	0 45	21 7	0 59	3 32	12 50	2 17	2 44	18 39			n.a.
S 20	7 13	6 24	0 47	2 21	2 13	19 58	1 28	24 18	1 39	0 25	1 11	20 6	1 18	13 32	0 45	21 8	0 58	3 31	12 50	2 16	2 46	18 36			n.a.
S 21	7 36	0s38	0s33	1 46	2 10	20 19	1 30	24 16	1 40	0 20	1 11	20 6	1 18	13 31	0 46	21 8	0 58	3 30	12 50	2 16	2 47	18 34			n.a.
M22	8 0	7 35	1 50	1 10	2 6	20 40	1 32	24 14	1 42	0 14	1 11	20 5	1 18	13 30	0 46	21 8	0 58	3 29	12 50	2 17	2 48	18 31			n.a.
T 23	8 23	14 3	2 59	0 32	2 1	21 0	1 35	24 12	1 43	0 9	1 11	20 4	1 18	13 30	0 46	21 8	0 58	3 28	12 50	2 18	2 50	18 28			n.a.
W24	8 46	19 40	3 55	0s 6	1 56	21 20	1 37	24 10	1 45	0 4	1 11	20 4	1 18	13 29	0 46	21 9	0 58	3 27	12 50	2 20	2 51	18 25			n.a.
T 25	9 9	24 9	4 37	0 45	1 51	21 39	1 39	24 8	1 47	0s 1	1 11	20 3	1 18	13 28	0 46	21 9	0 58	3 26	12 50	2 21	2 52	18 22			n.a.
F 26	9 32	27 14	5 3	1 25	1 46	21 58	1 41	24 7	1 48	0 6	1 12	20 3	1 18	13 27	0 46	21 9	0 58	3 25	12 50	2 23	2 53	18 20			n.a.
S 27	9 55	28 48	5 12	2 6	1 40	22 16	1 43	24 5	1 50	0 11	1 12	20 2	1 18	13 26	0 46	21 10	0 58	3 24	12 50	2 25	2 55	18 17			n.a.
S 28	10 17	28 50	5 7	2 47	1 34	22 33	1 45	24 3	1 52	0 17	1 12	20 1	1 18	13 25	0 46	21 10	0 58	3 23	12 49	2 27	2 56	18 14			n.a.
M29	10 40	27 27	4 47	3 28	1 28	22 50	1 47	24 1	1 53	0 22	1 12	20 1	1 18	13 25	0 46	21 10	0 58	3 22	12 49	2 27	2 57	18 11			n.a.
T 30	11 2	24 49	4 16	4 9	1 21	23 6	1 49	23 59	1 55	0 27	1 12	20 0	1 18	13 24	0 46	21 11	0 58	3 21	12 49	2 28	2 58	18 8			n.a.
W31	11s24	21s10	3s33	4s51	1n15	23s21	1s50	23n57	1n57	0s32	1n12	20n 0	1s18	13n23	0n46	21s11	0n58	3n20	12n49	2s27	3s 0	18s 5			n.a.

Julian Day Number = 1366308.5, Delta T = 06h54m33s
Ecliptic obliquity = 23°48'50, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°29'54, Lahiri = -17°22'54 Julian Calendar 1 Oct. 973 BCE == Greg. Calendar 22 Sept. 973 BCE

The year -972 astronomical counting style corresponds to year 973 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 973 BCE
geocentric

NOVEMBER 973 BCE (-972) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 4 17	0♏19'18	22♒48	16♎29	6♐39	22♋ 4	4♎14	3°R54	27♌ 8	9♐ 0	21♎37	23♓56	22♓31	19♒ 2	n.a.	T 1
F 2	2 8 13	1°20'27	4♓39	18° 1	7°52	22°25	4°27	3♊51	27°10	9° 2	21°39	23°58	22°27	19° 9	n.a.	F 2
S 3	2 12 10	2°21'36	16°38	19°32	9° 5	22°46	4°39	3°47	27°12	9° 3	21°42	23°59	22°24	19°16	n.a.	S 3
S 4	2 16 7	3°22'45	28°48	21° 4	10°18	23° 6	4°52	3°43	27°15	9° 5	21°44	23°R59	22°21	19°22	n.a.	S 4
M 5	2 20 3	4°23'55	11♈12	22°36	11°31	23°27	5° 4	3°39	27°17	9° 7	21°46	23°58	22°18	19°29	n.a.	M 5
T 6	2 24 0	5°25'06	23°53	24° 8	12°43	23°46	5°17	3°35	27°19	9° 9	21°49	23°54	22°15	19°36	n.a.	T 6
W 7	2 27 56	6°26'17	6♉51	25°40	13°56	24° 6	5°29	3°31	27°20	9°11	21°51	23°48	22°11	19°42	n.a.	W 7
T 8	2 31 53	7°27'30	20° 5	27°13	15° 9	24°25	5°41	3°27	27°22	9°13	21°53	23°41	22° 8	19°49	n.a.	T 8
F 9	2 35 49	8°28'42	3♊35	28°46	16°22	24°44	5°53	3°23	27°24	9°15	21°56	23°33	22° 5	19°56	n.a.	F 9
S 10	2 39 46	9°29'56	17°17	0♏19	17°34	25° 2	6° 6	3°18	27°26	9°17	21°58	23°25	22° 2	20° 2	n.a.	S 10
S 11	2 43 42	10°31'10	1♋ 9	1°52	18°47	25°20	6°18	3°14	27°28	9°19	22° 0	23°18	21°59	20° 9	n.a.	S 11
M12	2 47 39	11°32'25	15° 8	3°25	20° 0	25°37	6°30	3° 9	27°29	9°21	22° 3	23°13	21°56	20°16	n.a.	M12
T 13	2 51 36	12°33'41	29°11	4°58	21°12	25°54	6°42	3° 5	27°31	9°23	22° 5	23°10	21°52	20°22	n.a.	T 13
W14	2 55 32	13°34'57	13♌17	6°31	22°24	26°10	6°54	3° 1	27°33	9°25	22° 7	23°D10	21°49	20°29	n.a.	W14
T 15	2 59 29	14°36'14	27°24	8° 5	23°37	26°26	7° 6	2°56	27°34	9°28	22° 9	23°10	21°46	20°36	n.a.	T 15
F 16	3 3 25	15°37'31	11♍31	9°39	24°49	26°42	7°17	2°51	27°36	9°30	22°12	23°11	21°43	20°42	n.a.	F 16
S 17	3 7 22	16°38'49	25°37	11°13	26° 1	26°57	7°29	2°47	27°37	9°32	22°14	23°R12	21°40	20°49	n.a.	S 17
S 18	3 11 18	17°40'07	9♎40	12°47	27°14	27°11	7°41	2°42	27°38	9°34	22°16	23°10	21°37	20°56	n.a.	S 18
M19	3 15 15	18°41'26	23°38	14°22	28°26	27°25	7°52	2°37	27°40	9°36	22°18	23° 7	21°33	21° 2	n.a.	M19
T 20	3 19 12	19°42'45	7♏27	15°56	29°38	27°38	8° 4	2°32	27°41	9°38	22°20	23° 0	21°30	21° 9	n.a.	T 20
W21	3 23 8	20°44'05	21° 3	17°31	0♑50	27°51	8°15	2°28	27°42	9°40	22°23	22°51	21°27	21°16	n.a.	W21
T 22	3 27 5	21°45'24	4♐25	19° 6	2° 2	28° 4	8°27	2°23	27°43	9°43	22°25	22°41	21°24	21°22	n.a.	T 22
F 23	3 31 1	22°46'44	17°29	20°42	3°13	28°15	8°38	2°18	27°44	9°45	22°27	22°29	21°21	21°29	n.a.	F 23
S 24	3 34 58	23°48'03	0♑15	22°18	4°25	28°27	8°49	2°13	27°45	9°47	22°29	22°18	21°17	21°36	n.a.	S 24
S 25	3 38 54	24°49'22	12°42	23°54	5°37	28°37	9° 1	2° 8	27°46	9°49	22°31	22° 9	21°14	21°42	n.a.	S 25
M26	3 42 51	25°50'41	24°54	25°30	6°48	28°47	9°12	2° 3	27°47	9°51	22°33	22° 2	21°11	21°49	n.a.	M26
T 27	3 46 48	26°51'59	6♒53	27° 7	8° 0	28°57	9°23	1°58	27°48	9°54	22°35	21°57	21° 8	21°56	n.a.	T 27
W28	3 50 44	27°53'17	18°45	28°44	9°11	29° 6	9°33	1°53	27°49	9°56	22°37	21°55	21° 5	22° 2	n.a.	W28
T 29	3 54 41	28°54'34	0♓33	0♐22	10°23	29°14	9°44	1°48	27°50	9°58	22°39	21°D54	21° 2	22° 9	n.a.	T 29
F 30	3 58 37	29♏55'51	12♓24	2♐ 0	11♑34	29♋21	9♎55	1♊43	27♌51	10♐ 0	22♎41	21♓55	20♓58	22♒16	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11 s46	16 s41	2 s42	5 s32	1n 8	23 s36	1 s52	23n55	1n58	0 s37	1n12	19n59	1 s18	13n22	0n46	21 s11	0n58	3n20	12n49	2 s27	3 s 1	18 s 3		n.a.
F 2	12 7	11 33	1 43	6 14	1 2	23 50	1 54	23 54	2 0	0 42	1 12	19 58	1 18	13 22	0 46	21 12	0 58	3 19	12 49	2 26	3 2	18 0		n.a.
S 3	12 29	5 58	0 40	6 55	0 55	24 3	1 55	23 52	2 2	0 47	1 12	19 57	1 18	13 21	0 46	21 12	0 58	3 18	12 49	2 26	3 4	17 57		n.a.
S 4	12 50	0 5	0n26	7 36	0 48	24 16	1 57	23 50	2 4	0 52	1 12	19 57	1 18	13 20	0 46	21 12	0 58	3 17	12 49	2 25	3 5	17 54		n.a.
M 5	13 11	5n54	1 32	8 17	0 41	24 28	1 58	23 48	2 6	0 57	1 12	19 56	1 18	13 20	0 46	21 13	0 58	3 16	12 49	2 26	3 6	17 51		n.a.
T 6	13 32	11 48	2 35	8 58	0 34	24 39	2 0	23 47	2 8	1 2	1 12	19 55	1 18	13 19	0 46	21 13	0 58	3 15	12 49	2 28	3 7	17 48		n.a.
W 7	13 53	17 20	3 31	9 39	0 27	24 50	2 1	23 45	2 9	1 7	1 12	19 55	1 18	13 18	0 46	21 13	0 58	3 14	12 49	2 30	3 9	17 46		n.a.
T 8	14 13	22 10	4 17	10 19	0 21	25 0	2 2	23 43	2 11	1 12	1 12	19 54	1 18	13 18	0 46	21 14	0 58	3 14	12 50	2 33	3 10	17 43		n.a.
F 9	14 33	25 56	4 49	10 59	0 14	25 9	2 3	23 42	2 13	1 16	1 12	19 53	1 18	13 17	0 46	21 14	0 58	3 13	12 50	2 36	3 11	17 40		n.a.
S 10	14 53	28 16	5 6	11 39	0 7	25 17	2 4	23 40	2 15	1 21	1 12	19 52	1 18	13 17	0 46	21 14	0 58	3 12	12 50	2 39	3 13	17 37		n.a.
S 11	15 12	28 53	5 5	12 18	0 0	25 25	2 5	23 39	2 17	1 26	1 12	19 51	1 18	13 16	0 46	21 15	0 58	3 11	12 50	2 42	3 14	17 34		n.a.
M12	15 32	27 40	4 46	12 57	0 s 6	25 31	2 6	23 38	2 19	1 31	1 12	19 51	1 18	13 15	0 46	21 15	0 58	3 10	12 50	2 44	3 15	17 31		n.a.
T 13	15 51	24 42	4 9	13 35	0 13	25 38	2 7	23 36	2 21	1 35	1 13	19 50	1 18	13 15	0 46	21 15	0 58	3 10	12 50	2 45	3 16	17 28		n.a.
W14	16 10	20 15	3 18	14 13	0 20	25 43	2 8	23 35	2 23	1 40	1 13	19 49	1 18	13 14	0 46	21 16	0 58	3 9	12 50	2 45	3 18	17 25		n.a.
T 15	16 28	14 40	2 14	14 50	0 26	25 47	2 8	23 34	2 25	1 45	1 13	19 48	1 18	13 14	0 47	21 16	0 58	3 8	12 50	2 45	3 19	17 23		n.a.
F 16	16 46	8 19	1 2	15 26	0 32	25 51	2 9	23 33	2 27	1 50	1 13	19 47	1 18	13 13	0 47	21 16	0 58	3 7	12 50	2 45	3 20	17 20		n.a.
S 17	17 4	1 34	0 s13	16 2	0 39	25 54	2 9	23 32	2 29	1 54	1 13	19 46	1 18	13 13	0 47	21 17	0 58	3 7	12 50	2 45	3 21	17 17		n.a.
S 18	17 22	5 s13	1 27	16 38	0 45	25 56	2 9	23 31	2 31	1 59	1 13	19 45	1 18	13 13	0 47	21 17	0 58	3 6	12 50	2 45	3 23	17 14		n.a.
M19	17 39	11 43	2 36	17 12	0 51	25 58	2 10	23 31	2 34	2 3	1 13	19 45	1 18	13 12	0 47	21 17	0 58	3 5	12 50	2 47	3 24	17 11		n.a.
T 20	17 56	17 34	3 34	17 46	0 56	25 59	2 10	23 30	2 36	2 8	1 13	19 44	1 17	13 12	0 47	21 18	0 58	3 5	12 50	2 49	3 25	17 8		n.a.
W21	18 13	22 27	4 19	18 19	1 2	25 59	2 10	23 29	2 38	2 12	1 13	19 43	1 17	13 11	0 47	21 18	0 58	3 4	12 51	2 53	3 26	17 5		n.a.
T 22	18 29	26 5	4 49	18 51	1 8	25 58	2 10	23 29	2 40	2 17	1 13	19 42	1 17	13 11	0 47	21 18	0 58	3 3	12 51	2 57	3 28	17 2		n.a.
F 23	18 45	28 14	5 3	19 23	1 13	25 56	2 10	23 29	2 42	2 21	1 13	19 41	1 17	13 11	0 47	21 19	0 58	3 3	12 51	3 2	3 29	16 59		n.a.
S 24	19 1	28 50	5 1	19 53	1 18	25 54	2 9	23 29	2 44	2 26	1 13	19 40	1 17	13 10	0 47	21 19	0 58	3 2	12 51	3 6	3 30	16 56		n.a.
S 25	19 16	27 55	4 45	20 23	1 23	25 51	2 9	23 29	2 47	2 30	1 14	19 39	1 17	13 10	0 47	21 19	0 57	3 1	12 51	3 10	3 32	16 53		n.a.
M26	19 31	25 40	4 16	20 51	1 28	25 47	2 9	23 29	2 49	2 34	1 14	19 38	1 17	13 10	0 47	21 20	0 57	3 1	12 51	3 13	3 33	16 50		n.a.
T 27	19 46	22 19	3 36	21 19	1 32	25 42	2 8	23 29	2 51	2 39	1 14	19 37	1 17	13 9	0 47	21 20	0 57	3 0	12 51	3 14	3 34	16 48		n.a.
W28	20 0	18 5	2 47	21 46	1 37	25 36	2 7	23 29	2 54	2 43	1 14	19 37	1 17	13 9	0 47	21 20	0 57	3 0	12 52	3 15	3 35	16 45		n.a.
T 29	20 14	13 11	1 51	22 11	1 41	25 30	2 7	23 30	2 56	2 47	1 14	19 36	1 17	13 9	0 47	21 21	0 57	2 59	12 52	3 15	3 37	16 42		n.a.
F 30	20 s27	7 s48	0 s51	22 s35	1 s44	25 s23	2 s 6	23n30	2n58	2 s51	1n14	19n35	1 s17	13n 9	0n47	21 s21	0n57	2n58	12n52	3 s15	3 s38	16 s39		n.a.

Julian Day Number = 1366339.5, Delta T = 06h54m32s
Ecliptic obliquity = 23°48'50, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°29'50, Lahiri = -17°22'49 Julian Calendar 1 Nov. 973 BCE == Greg. Calendar 23 Oct. 973 BCE

The year -972 astronomical counting style corresponds to year 973 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 973 BCE
geocentric

DECEMBER 973 BCE (-972) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 2 34	0♐57'07	24♓22	3♐38	12♑45	29♋28	10♎ 6	1°R38	27♌51	10♐ 3	22♎43	21°R55	20♓55	22♒22	n.a.	S 1
S 2	4 6 30	1°58'22	6♈34	5°16	13°56	29°35	10°16	1♊33	27°52	10° 5	22°45	21♓54	20°52	22°29	n.a.	S 2
M 3	4 10 27	2°59'37	19° 4	6°56	15° 7	29°40	10°27	1°28	27°52	10° 7	22°47	21°51	20°49	22°36	n.a.	M 3
T 4	4 14 23	4° 0'51	1♉54	8°35	16°17	29°45	10°37	1°23	27°53	10° 9	22°49	21°45	20°46	22°42	n.a.	T 4
W 5	4 18 20	5° 2'05	15° 8	10°15	17°28	29°49	10°47	1°18	27°53	10°12	22°51	21°36	20°43	22°49	n.a.	W 5
T 6	4 22 17	6° 3'18	28°43	11°55	18°39	29°53	10°57	1°13	27°54	10°14	22°53	21°25	20°39	22°56	n.a.	T 6
F 7	4 26 13	7° 4'31	12♊39	13°35	19°49	29°56	11° 7	1° 8	27°54	10°16	22°55	21°13	20°36	23° 2	n.a.	F 7
S 8	4 30 10	8° 5'43	26°50	15°16	20°59	29°58	11°17	1° 4	27°54	10°18	22°57	21° 1	20°33	23° 9	n.a.	S 8
S 9	4 34 6	9° 6'54	11♋11	16°58	22° 9	29°59	11°27	0°59	27°54	10°21	22°59	20°50	20°30	23°16	n.a.	S 9
M10	4 38 3	10° 8'05	25°35	18°39	23°19	0°R 0	11°37	0°54	27°54	10°23	23° 0	20°41	20°27	23°22	n.a.	M10
T 11	4 41 59	11° 9'16	9♌57	20°21	24°29	0♌ 0	11°47	0°49	27°54	10°25	23° 2	20°36	20°23	23°29	n.a.	T 11
W12	4 45 56	12°10'26	24°14	22° 2	25°39	29♋59	11°56	0°44	27°R55	10°28	23° 4	20°33	20°20	23°36	n.a.	W12
T 13	4 49 53	13°11'35	8♍23	23°44	26°48	29°58	12° 6	0°39	27°54	10°30	23° 6	20°32	20°17	23°42	n.a.	T 13
F 14	4 53 49	14°12'44	22°22	25°26	27°58	29°55	12°15	0°34	27°54	10°32	23° 7	20°32	20°14	23°49	n.a.	F 14
S 15	4 57 46	15°13'53	6♎12	27° 7	29° 7	29°52	12°24	0°30	27°54	10°34	23° 9	20°31	20°11	23°56	n.a.	S 15
S 16	5 1 42	16°15'00	19°54	28°49	0♒16	29°48	12°33	0°25	27°54	10°37	23°11	20°29	20° 8	24° 2	n.a.	S 16
M17	5 5 39	17°16'07	3♏26	0♑29	1°25	29°43	12°42	0°20	27°54	10°39	23°12	20°24	20° 4	24° 9	n.a.	M17
T 18	5 9 35	18°17'14	16°49	2° 9	2°34	29°38	12°51	0°16	27°53	10°41	23°14	20°15	20° 1	24°15	n.a.	T 18
W19	5 13 32	19°18'19	0♐ 1	3°48	3°43	29°32	13° 0	0°11	27°53	10°43	23°16	20° 4	19°58	24°22	n.a.	W19
T 20	5 17 28	20°19'24	13° 2	5°26	4°51	29°24	13° 8	0° 7	27°53	10°46	23°17	19°51	19°55	24°29	n.a.	T 20
F 21	5 21 25	21°20'28	25°49	7° 1	5°59	29°16	13°17	0° 2	27°52	10°48	23°19	19°36	19°52	24°35	n.a.	F 21
S 22	5 25 22	22°21'30	8♑23	8°35	7° 7	29° 8	13°25	29♉58	27°52	10°50	23°20	19°22	19°49	24°42	n.a.	S 22
S 23	5 29 18	23°22'31	20°43	10° 6	8°15	28°58	13°33	29°53	27°51	10°52	23°21	19°10	19°45	24°49	n.a.	S 23
M24	5 33 15	24°23'31	2♒50	11°34	9°23	28°48	13°42	29°49	27°50	10°55	23°23	19° 0	19°42	24°55	n.a.	M24
T 25	5 37 11	25°24'30	14°47	12°59	10°30	28°37	13°50	29°45	27°50	10°57	23°24	18°53	19°39	25° 2	n.a.	T 25
W26	5 41 8	26°25'27	26°37	14°19	11°38	28°25	13°57	29°41	27°49	10°59	23°26	18°49	19°36	25° 9	n.a.	W26
T 27	5 45 4	27°26'22	8♓24	15°34	12°45	28°12	14° 5	29°36	27°48	11° 1	23°27	18°47	19°33	25°15	n.a.	T 27
F 28	5 49 1	28°27'16	20°13	16°43	13°52	27°59	14°13	29°32	27°47	11° 4	23°28	18°D47	19°29	25°22	n.a.	F 28
S 29	5 52 57	29°28'08	2♈ 9	17°46	14°58	27°45	14°20	29°28	27°46	11° 6	23°30	18°R47	19°26	25°29	n.a.	S 29
S 30	5 56 54	0♑28'59	14°19	18°42	16° 5	27°30	14°27	29°25	27°45	11° 8	23°31	18°46	19°23	25°35	n.a.	S 30
M31	6 0 51	1♑29'48	26♈48	19♑29	17♒11	27♋14	14♎35	29♉21	27♌44	11♐10	23♎32	18♓43	19♓20	25♒42	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s40	2s 4	0n13	22s58	1s48	25s16	2s 5	23n31	3n 1	2s55	1n14	19n34	1s17	13n 9	0n47	21s21	0n57	2n58	12n52	3s15	3s39	16s36		n.a.
S 2	20 53	3n49	1 17	23 20	1 51	25 7	2 4	23 32	3 3	2 59	1 14	19 33	1 16	13 8	0 47	21 22	0 57	2 57	12 52	3 16	3 40	16 33		n.a.
M 3	21 5	9 43	2 19	23 41	1 54	24 58	2 3	23 33	3 5	3 3	1 14	19 32	1 16	13 8	0 47	21 22	0 57	2 57	12 53	3 17	3 42	16 30		n.a.
T 4	21 17	15 22	3 15	24 0	1 56	24 48	2 1	23 35	3 8	3 7	1 15	19 31	1 16	13 8	0 47	21 23	0 57	2 56	12 53	3 19	3 43	16 27		n.a.
W 5	21 28	20 29	4 3	24 17	1 59	24 38	2 0	23 36	3 10	3 11	1 15	19 30	1 16	13 8	0 47	21 23	0 57	2 56	12 53	3 23	3 44	16 24		n.a.
T 6	21 39	24 42	4 38	24 34	2 0	24 27	1 58	23 38	3 13	3 15	1 15	19 29	1 16	13 8	0 47	21 23	0 57	2 55	12 53	3 27	3 46	16 21		n.a.
F 7	21 50	27 35	4 57	24 48	2 2	24 15	1 57	23 39	3 15	3 19	1 15	19 28	1 16	13 8	0 47	21 24	0 57	2 55	12 53	3 32	3 47	16 18		n.a.
S 8	22 0	28 46	4 59	25 1	2 3	24 2	1 55	23 41	3 18	3 23	1 15	19 27	1 16	13 8	0 48	21 24	0 57	2 54	12 54	3 37	3 48	16 15		n.a.
S 9	22 10	28 1	4 42	25 13	2 4	23 49	1 53	23 43	3 20	3 27	1 15	19 26	1 16	13 8	0 48	21 24	0 57	2 54	12 54	3 41	3 49	16 12		n.a.
M10	22 19	25 24	4 7	25 22	2 4	23 35	1 51	23 46	3 23	3 31	1 15	19 26	1 16	13 8	0 48	21 25	0 57	2 54	12 54	3 45	3 51	16 9		n.a.
T 11	22 28	21 11	3 17	25 30	2 3	23 21	1 49	23 48	3 25	3 34	1 16	19 25	1 15	13 8	0 48	21 25	0 57	2 53	12 54	3 47	3 52	16 6		n.a.
W12	22 36	15 45	2 14	25 36	2 2	23 6	1 47	23 51	3 28	3 38	1 16	19 24	1 15	13 8	0 48	21 25	0 57	2 53	12 55	3 48	3 53	16 3		n.a.
T 13	22 44	9 32	1 4	25 41	2 1	22 50	1 45	23 54	3 30	3 42	1 16	19 23	1 15	13 8	0 48	21 26	0 57	2 52	12 55	3 49	3 54	16 0		n.a.
F 14	22 52	2 56	0s10	25 43	1 59	22 34	1 42	23 57	3 33	3 45	1 16	19 22	1 15	13 8	0 48	21 26	0 57	2 52	12 55	3 49	3 56	15 57		n.a.
S 15	22 59	3s45	1 22	25 43	1 56	22 17	1 40	24 0	3 35	3 49	1 16	19 21	1 15	13 8	0 48	21 26	0 57	2 52	12 55	3 49	3 57	15 54		n.a.
S 16	23 5	10 11	2 28	25 41	1 53	21 59	1 37	24 3	3 38	3 52	1 16	19 20	1 15	13 8	0 48	21 27	0 57	2 51	12 56	3 50	3 58	15 51		n.a.
M17	23 12	16 4	3 26	25 38	1 49	21 41	1 34	24 6	3 40	3 55	1 16	19 20	1 15	13 8	0 48	21 27	0 57	2 51	12 56	3 52	3 59	15 48		n.a.
T 18	23 17	21 7	4 11	25 32	1 44	21 23	1 31	24 10	3 43	3 59	1 17	19 19	1 14	13 9	0 48	21 27	0 57	2 51	12 56	3 55	4 1	15 45		n.a.
W19	23 22	25 3	4 42	25 24	1 39	21 3	1 28	24 14	3 45	4 2	1 17	19 18	1 14	13 9	0 48	21 28	0 57	2 50	12 57	4 0	4 2	15 42		n.a.
T 20	23 27	27 38	4 57	25 14	1 32	20 44	1 25	24 18	3 48	4 5	1 17	19 17	1 14	13 9	0 48	21 28	0 57	2 50	12 57	4 5	4 3	15 39		n.a.
F 21	23 32	28 42	4 58	25 2	1 25	20 24	1 22	24 22	3 50	4 9	1 17	19 16	1 14	13 9	0 48	21 28	0 57	2 50	12 57	4 11	4 5	15 36		n.a.
S 22	23 35	28 16	4 44	24 49	1 17	20 3	1 19	24 26	3 52	4 12	1 17	19 15	1 14	13 9	0 48	21 29	0 57	2 49	12 57	4 16	4 6	15 33		n.a.
S 23	23 39	26 24	4 16	24 33	1 8	19 42	1 15	24 31	3 55	4 15	1 17	19 15	1 14	13 10	0 48	21 29	0 57	2 49	12 58	4 21	4 7	15 30		n.a.
M24	23 42	23 21	3 37	24 16	0 58	19 20	1 12	24 35	3 57	4 18	1 17	19 14	1 13	13 10	0 48	21 29	0 57	2 49	12 58	4 25	4 8	15 27		n.a.
T 25	23 44	19 21	2 49	23 58	0 48	18 58	1 8	24 40	4 0	4 21	1 18	19 13	1 13	13 10	0 48	21 30	0 57	2 49	12 58	4 28	4 10	15 24		n.a.
W26	23 46	14 38	1 55	23 38	0 36	18 36	1 4	24 45	4 2	4 24	1 18	19 12	1 13	13 10	0 48	21 30	0 57	2 49	12 59	4 30	4 11	15 21		n.a.
T 27	23 47	9 24	0 55	23 17	0 23	18 13	1 0	24 50	4 4	4 27	1 18	19 12	1 13	13 11	0 48	21 30	0 57	2 48	12 59	4 30	4 12	15 18		n.a.
F 28	23 48	3 49	0n 8	22 55	0 10	17 49	0 56	24 55	4 6	4 29	1 18	19 11	1 13	13 11	0 48	21 31	0 57	2 48	12 59	4 30	4 13	15 15		n.a.
S 29	23 49	1n57	1 10	22 32	0n 5	17 26	0 52	25 0	4 9	4 32	1 18	19 10	1 13	13 11	0 48	21 31	0 57	2 48	13 0	4 30	4 15	15 12		n.a.
S 30	23 49	7 44	2 11	22 9	0 20	17 2	0 48	25 5	4 11	4 35	1 18	19 10	1 12	13 12	0 48	21 31	0 57	2 48	13 0	4 31	4 16	15 9		n.a.
M31	23s48	13n23	3n 7	21s47	0n36	16s37	0s44	25n10	4n13	4s38	1n19	19n 9	1s12	13n12	0n49	21s31	0n57	2n48	13n 0	4s32	4s17	15s 6		n.a.

Julian Day Number = 1366369.5, Delta T = 06h54m30s
Ecliptic obliquity = 23°48'49, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°29'46, Lahiri = -17°22'45 Julian Calendar 1 Dec. 973 BCE == Greg. Calendar 22 Nov. 973 BCE

The year -972 astronomical counting style corresponds to year 973 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 972 BCE
geocentric

JANUARY 972 BCE (-971) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 4 47	2♉30'35	9♉40	20♉ 8	18♒16	26°R58	14♎42	29°R17	27°R43	11♐12	23♎33	18°R38	19♓17	25♒49	n.a.	T 1
W 2	6 8 44	3°31'21	22°58	20°37	19°22	26♋41	14°48	29♉13	27♌42	11°14	23°34	18♓31	19°14	25°55	n.a.	W 2
T 3	6 12 40	4°32'05	6♊43	20°56	20°27	26°23	14°55	29°10	27°41	11°17	23°35	18°21	19°10	26° 2	n.a.	T 3
F 4	6 16 37	5°32'47	20°54	21°R 4	21°32	26° 5	15° 2	29° 6	27°40	11°19	23°37	18° 9	19° 7	26° 9	n.a.	F 4
S 5	6 20 33	6°33'28	5♋26	21° 2	22°37	25°46	15° 8	29° 3	27°39	11°21	23°38	17°58	19° 4	26°15	n.a.	S 5
S 6	6 24 30	7°34'07	20°12	20°49	23°41	25°27	15°14	28°59	27°37	11°23	23°39	17°48	19° 1	26°22	n.a.	S 6
M 7	6 28 27	8°34'44	5♌ 3	20°25	24°45	25° 7	15°20	28°56	27°36	11°25	23°40	17°39	18°58	26°29	n.a.	M 7
T 8	6 32 23	9°35'20	19°51	19°52	25°49	24°46	15°26	28°53	27°34	11°27	23°41	17°34	18°55	26°35	n.a.	T 8
W 9	6 36 20	10°35'55	4♍30	19° 9	26°53	24°25	15°32	28°50	27°33	11°29	23°41	17°31	18°51	26°42	n.a.	W 9
T 10	6 40 16	11°36'28	18°54	18°19	27°56	24° 4	15°38	28°47	27°31	11°31	23°42	17°D30	18°48	26°49	n.a.	T 10
F 11	6 44 13	12°36'59	3♎ 2	17°22	28°58	23°42	15°43	28°44	27°30	11°33	23°43	17°31	18°45	26°55	n.a.	F 11
S 12	6 48 9	13°37'29	16°51	16°20	0♓ 1	23°19	15°49	28°41	27°28	11°35	23°44	17°R31	18°42	27° 2	n.a.	S 12
S 13	6 52 6	14°37'58	0♏24	15°14	1° 3	22°57	15°54	28°39	27°27	11°37	23°45	17°30	18°39	27° 9	n.a.	S 13
M14	6 56 2	15°38'25	13°42	14° 7	2° 4	22°34	15°59	28°36	27°25	11°39	23°46	17°26	18°35	27°15	n.a.	M14
T 15	6 59 59	16°38'51	26°46	13° 0	3° 6	22°11	16° 4	28°33	27°23	11°41	23°46	17°20	18°32	27°22	n.a.	T 15
W16	7 3 56	17°39'15	9♐37	11°54	4° 7	21°47	16° 8	28°31	27°22	11°43	23°47	17°12	18°29	27°29	n.a.	W16
T 17	7 7 52	18°39'38	22°17	10°52	5° 7	21°24	16°13	28°29	27°20	11°45	23°48	17° 2	18°26	27°35	n.a.	T 17
F 18	7 11 49	19°39'59	4♑46	9°55	6° 7	21° 0	16°17	28°27	27°18	11°47	23°48	16°50	18°23	27°42	n.a.	F 18
S 19	7 15 45	20°40'17	17° 4	9° 3	7° 6	20°36	16°21	28°24	27°16	11°49	23°49	16°39	18°20	27°49	n.a.	S 19
S 20	7 19 42	21°40'34	29°12	8°17	8° 6	20°12	16°25	28°22	27°14	11°51	23°49	16°30	18°16	27°55	n.a.	S 20
M21	7 23 38	22°40'49	11♒12	7°37	9° 4	19°48	16°29	28°21	27°12	11°52	23°50	16°22	18°13	28° 2	n.a.	M21
T 22	7 27 35	23°41'02	23° 4	7° 5	10° 2	19°25	16°33	28°19	27°10	11°54	23°50	16°16	18°10	28° 9	n.a.	T 22
W23	7 31 31	24°41'13	4♓52	6°40	11° 0	19° 1	16°36	28°17	27° 8	11°56	23°51	16°13	18° 7	28°15	n.a.	W23
T 24	7 35 28	25°41'22	16°38	6°22	11°57	18°38	16°40	28°16	27° 6	11°58	23°51	16°D13	18° 4	28°22	n.a.	T 24
F 25	7 39 25	26°41'28	28°27	6°10	12°53	18°14	16°43	28°14	27° 4	12° 0	23°51	16°13	18° 1	28°29	n.a.	F 25
S 26	7 43 21	27°41'32	10♈23	6°D 6	13°49	17°51	16°46	28°13	27° 2	12° 1	23°52	16°15	17°57	28°35	n.a.	S 26
S 27	7 47 18	28°41'34	22°30	6° 8	14°44	17°29	16°48	28°12	27° 0	12° 3	23°52	16°16	17°54	28°42	n.a.	S 27
M28	7 51 14	29°41'34	4♉56	6°16	15°39	17° 6	16°51	28°10	26°58	12° 5	23°52	16°R16	17°51	28°48	n.a.	M28
T 29	7 55 11	0♒41'31	17°43	6°30	16°33	16°44	16°53	28° 9	26°55	12° 6	23°53	16°14	17°48	28°55	n.a.	T 29
W30	7 59 7	1°41'26	0♊57	6°50	17°27	16°22	16°55	28° 9	26°53	12° 8	23°53	16°11	17°45	29° 2	n.a.	W30
T 31	8 3 4	2♒41'18	14♊39	7♉15	18♓19	16♋ 1	16♎57	28♉ 8	26♌51	12♐10	23♎53	16♓ 5	17♓41	29♒ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s47	18n39	3n55	21s25	0n53	16s13	0s39	25n15	4n15	4s40	1n19	19n 8	1s12	13n13	0n49	21s32	0n57	2n48	13n 1	4s34	4s18	15s 2			n.a.
W 2	23 46	23 11	4 33	21 3	1 10	15 48	0 35	25 21	4 17	4 43	1 19	19 8	1 12	13 13	0 49	21 32	0 57	2 48	13 1	4 37	4 20	14 59			n.a.
T 3	23 44	26 37	4 56	20 43	1 27	15 22	0 30	25 26	4 19	4 45	1 19	19 7	1 12	13 14	0 49	21 32	0 57	2 47	13 1	4 41	4 21	14 56			n.a.
F 4	23 42	28 30	5 1	20 24	1 45	14 57	0 25	25 31	4 21	4 48	1 19	19 6	1 12	13 14	0 49	21 33	0 57	2 47	13 2	4 45	4 22	14 53			n.a.
S 5	23 39	28 30	4 48	20 7	2 2	14 31	0 20	25 37	4 22	4 50	1 20	19 6	1 11	13 14	0 49	21 33	0 57	2 47	13 2	4 50	4 24	14 50			n.a.
S 6	23 36	26 28	4 15	19 52	2 20	14 4	0 15	25 42	4 24	4 52	1 20	19 5	1 11	13 15	0 49	21 33	0 57	2 47	13 2	4 54	4 25	14 47			n.a.
M 7	23 32	22 37	3 25	19 40	2 36	13 38	0 10	25 48	4 26	4 54	1 20	19 5	1 11	13 15	0 49	21 33	0 57	2 47	13 3	4 57	4 26	14 44			n.a.
T 8	23 28	17 19	2 21	19 29	2 52	13 11	0 5	25 53	4 27	4 57	1 20	19 4	1 11	13 16	0 49	21 34	0 57	2 47	13 3	4 59	4 27	14 41			n.a.
W 9	23 23	11 4	1 9	19 21	3 6	12 45	0n 0	25 58	4 29	4 59	1 20	19 4	1 11	13 17	0 49	21 34	0 57	2 47	13 3	5 0	4 29	14 38			n.a.
T 10	23 18	4 21	0s 7	19 16	3 19	12 17	0 6	26 4	4 30	5 1	1 21	19 3	1 10	13 17	0 49	21 34	0 57	2 47	13 4	5 1	4 30	14 35			n.a.
F 11	23 12	2s28	1 22	19 12	3 29	11 50	0 11	26 9	4 31	5 3	1 21	19 3	1 10	13 18	0 49	21 35	0 57	2 47	13 4	5 0	4 31	14 32			n.a.
S 12	23 6	9 1	2 30	19 11	3 38	11 23	0 17	26 14	4 32	5 4	1 21	19 3	1 10	13 18	0 49	21 35	0 57	2 47	13 4	5 0	4 32	14 29			n.a.
S 13	23 0	15 2	3 28	19 12	3 45	10 55	0 23	26 19	4 34	5 6	1 21	19 2	1 10	13 19	0 49	21 35	0 57	2 47	13 5	5 1	4 34	14 25			n.a.
M14	22 53	20 13	4 13	19 15	3 49	10 28	0 28	26 24	4 34	5 8	1 21	19 2	1 10	13 19	0 49	21 35	0 57	2 47	13 5	5 2	4 35	14 22			n.a.
T 15	22 45	24 21	4 45	19 20	3 51	10 0	0 34	26 29	4 35	5 10	1 21	19 1	1 9	13 20	0 49	21 36	0 57	2 47	13 5	5 5	4 36	14 19			n.a.
W16	22 38	27 12	5 1	19 26	3 51	9 32	0 40	26 34	4 36	5 11	1 22	19 1	1 9	13 21	0 49	21 36	0 57	2 48	13 6	5 8	4 37	14 16			n.a.
T 17	22 29	28 37	5 3	19 34	3 49	9 4	0 46	26 38	4 37	5 13	1 22	19 1	1 9	13 21	0 49	21 36	0 57	2 48	13 6	5 12	4 39	14 13			n.a.
F 18	22 21	28 33	4 50	19 42	3 45	8 36	0 53	26 42	4 37	5 15	1 22	19 0	1 9	13 22	0 49	21 36	0 57	2 48	13 7	5 16	4 40	14 10			n.a.
S 19	22 12	27 3	4 23	19 52	3 39	8 7	0 59	26 47	4 38	5 16	1 22	19 0	1 9	13 23	0 49	21 37	0 57	2 48	13 7	5 21	4 41	14 7			n.a.
S 20	22 2	24 18	3 45	20 2	3 31	7 39	1 5	26 51	4 38	5 17	1 22	19 0	1 8	13 23	0 49	21 37	0 57	2 48	13 7	5 25	4 42	14 4			n.a.
M21	21 52	20 31	2 57	20 14	3 22	7 11	1 12	26 55	4 38	5 19	1 23	19 0	1 8	13 24	0 49	21 37	0 57	2 48	13 8	5 28	4 44	14 1			n.a.
T 22	21 42	15 57	2 1	20 25	3 12	6 43	1 19	26 58	4 38	5 20	1 23	18 59	1 8	13 25	0 49	21 37	0 57	2 48	13 8	5 30	4 45	13 57			n.a.
W23	21 31	10 49	1 1	20 37	3 1	6 15	1 25	27 2	4 38	5 21	1 23	18 59	1 8	13 26	0 49	21 38	0 57	2 49	13 8	5 31	4 46	13 54			n.a.
T 24	21 20	5 19	0n 2	20 50	2 50	5 46	1 32	27 5	4 38	5 22	1 23	18 59	1 8	13 26	0 49	21 38	0 57	2 49	13 9	5 31	4 47	13 51			n.a.
F 25	21 9	0n22	1 6	21 2	2 38	5 18	1 39	27 8	4 38	5 23	1 23	18 59	1 7	13 27	0 49	21 38	0 57	2 49	13 9	5 31	4 49	13 48			n.a.
S 26	20 57	6 7	2 7	21 15	2 25	4 50	1 46	27 11	4 38	5 24	1 24	18 59	1 7	13 28	0 49	21 38	0 57	2 49	13 10	5 31	4 50	13 45			n.a.
S 27	20 45	11 43	3 3	21 27	2 13	4 22	1 53	27 14	4 37	5 25	1 24	18 59	1 7	13 29	0 49	21 39	0 57	2 50	13 10	5 30	4 51	13 42			n.a.
M28	20 32	17 1	3 53	21 40	2 0	3 54	2 0	27 16	4 37	5 26	1 24	18 59	1 7	13 29	0 49	21 39	0 57	2 50	13 10	5 30	4 53	13 39			n.a.
T 29	20 19	21 44	4 32	21 52	1 47	3 26	2 7	27 19	4 36	5 26	1 24	18 59	1 6	13 30	0 49	21 39	0 57	2 50	13 11	5 31	4 54	13 35			n.a.
W30	20 6	25 32	4 59	22 4	1 34	2 59	2 14	27 21	4 35	5 27	1 24	18 59	1 6	13 31	0 50	21 39	0 57	2 50	13 11	5 32	4 55	13 32			n.a.
T 31	19s52	28n 2	5n 9	22s15	1n22	2s31	2n22	27n22	4n34	5s28	1n25	18n59	1s 6	13n32	0n50	21s39	0n57	2n51	13n11	5s34	4s56	13s29			n.a.

Julian Day Number = 1366400.5, Delta T = 06h54m29s
Ecliptic obliquity = 23°48'49, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°29'42, Lahiri = -17°22'41 Julian Calendar 1 Jan. 972 BCE == Greg. Calendar 23 Dec. 973 BCE

The year -971 astronomical counting style corresponds to year 972 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 972 BCE
geocentric

FEBRUARY 972 BCE (-971) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 7 0	3♒41'09	28♊50	7♑44	19♓11	15°R41	16♎59	28°R 7	26°R49	12♐11	23♎53	15°R59	17♓38	29♒15	n.a.	F 1
S 2	8 10 57	4°40'57	13♋27	8°18	20° 2	15♋20	17° 1	28♉ 6	26♌46	12°13	23°53	15♓53	17°35	29°22	n.a.	S 2
S 3	8 14 54	5°40'43	28°24	8°57	20°53	15° 1	17° 2	28° 6	26°44	12°14	23°53	15°46	17°32	29°28	n.a.	S 3
M 4	8 18 50	6°40'26	13♌31	9°39	21°43	14°42	17° 4	28° 6	26°42	12°16	23°R53	15°42	17°29	29°35	n.a.	M 4
T 5	8 22 47	7°40'08	28°40	10°25	22°31	14°23	17° 5	28° 5	26°39	12°17	23°53	15°39	17°26	29°42	n.a.	T 5
W 6	8 26 43	8°39'47	13♍41	11°14	23°19	14° 5	17° 6	28° 5	26°37	12°19	23°53	15°D38	17°22	29°48	n.a.	W 6
T 7	8 30 40	9°39'25	28°26	12° 7	24° 6	13°48	17° 6	28°D 5	26°34	12°20	23°53	15°38	17°19	29°55	n.a.	T 7
F 8	8 34 36	10°39'00	12♎51	13° 3	24°52	13°32	17° 7	28° 5	26°32	12°22	23°53	15°40	17°16	0♓ 2	n.a.	F 8
S 9	8 38 33	11°38'34	26°52	14° 1	25°38	13°16	17° 7	28° 6	26°29	12°23	23°53	15°41	17°13	0° 8	n.a.	S 9
S 10	8 42 29	12°38'06	10♏30	15° 3	26°22	13° 0	17°R 7	28° 6	26°27	12°24	23°52	15°R42	17°10	0°15	n.a.	S 10
M11	8 46 26	13°37'36	23°46	16° 7	27° 5	12°46	17° 7	28° 6	26°24	12°26	23°52	15°41	17° 6	0°22	n.a.	M11
T 12	8 50 22	14°37'04	6♐42	17°13	27°47	12°32	17° 7	28° 7	26°22	12°27	23°52	15°39	17° 3	0°28	n.a.	T 12
W13	8 54 19	15°36'30	19°22	18°21	28°28	12°19	17° 7	28° 8	26°19	12°28	23°52	15°36	17° 0	0°35	n.a.	W13
T 14	8 58 16	16°35'54	1♑48	19°32	29° 8	12° 7	17° 6	28° 8	26°17	12°30	23°51	15°32	16°57	0°42	n.a.	T 14
F 15	9 2 12	17°35'17	14° 2	20°45	29°47	11°56	17° 5	28° 9	26°14	12°31	23°51	15°27	16°54	0°48	n.a.	F 15
S 16	9 6 9	18°34'37	26° 6	22° 0	0♈24	11°45	17° 4	28°10	26°12	12°32	23°51	15°22	16°51	0°55	n.a.	S 16
S 17	9 10 5	19°33'55	8♒ 4	23°16	1° 0	11°35	17° 3	28°11	26° 9	12°33	23°50	15°18	16°47	1° 2	n.a.	S 17
M18	9 14 2	20°33'11	19°55	24°35	1°35	11°26	17° 2	28°13	26° 7	12°34	23°50	15°15	16°44	1° 8	n.a.	M18
T 19	9 17 58	21°32'25	1♓44	25°55	2° 8	11°18	17° 0	28°14	26° 4	12°35	23°49	15°13	16°41	1°15	n.a.	T 19
W20	9 21 55	22°31'36	13°31	27°17	2°40	11°10	16°59	28°15	26° 1	12°37	23°49	15°D12	16°38	1°21	n.a.	W20
T 21	9 25 51	23°30'45	25°19	28°41	3°11	11° 4	16°57	28°17	25°59	12°38	23°48	15°12	16°35	1°28	n.a.	T 21
F 22	9 29 48	24°29'52	7♈11	0♒ 6	3°40	10°58	16°55	28°19	25°56	12°39	23°48	15°13	16°32	1°35	n.a.	F 22
S 23	9 33 45	25°28'57	19°10	1°33	4° 7	10°52	16°52	28°20	25°54	12°40	23°47	15°15	16°28	1°41	n.a.	S 23
S 24	9 37 41	26°27'59	1♉20	3° 2	4°33	10°48	16°50	28°22	25°51	12°40	23°46	15°16	16°25	1°48	n.a.	S 24
M25	9 41 38	27°26'58	13°45	4°32	4°56	10°45	16°47	28°24	25°48	12°41	23°46	15°18	16°22	1°55	n.a.	M25
T 26	9 45 34	28°25'56	26°30	6° 3	5°18	10°42	16°44	28°26	25°46	12°42	23°45	15°R18	16°19	2° 1	n.a.	T 26
W27	9 49 31	29°24'51	9♊38	7°36	5°39	10°40	16°41	28°28	25°43	12°43	23°44	15°18	16°16	2° 8	n.a.	W27
T 28	9 53 27	0♓23'43	23♊12	9♒11	5♈57	10♋39	16♎38	28♉31	25♌41	12♐44	23♎43	15♓17	16♓12	2♓15	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s38	28n50	5n 2	22s26	1n 9	2s 4	2n29	27n24	4n33	5s28	1n25	18n59	1s 6	13n33	0n50	21s40	0n57	2n51	13n12	5s37	4s58	13s26		n.a.
S 2	19 23	27 40	4 35	22 36	0 57	1 37	2 37	27 25	4 32	5 29	1 25	18 59	1 6	13 33	0 50	21 40	0 57	2 51	13 12	5 39	4 59	13 23		n.a.
S 3	19 9	24 32	3 48	22 45	0 45	1 10	2 44	27 27	4 31	5 29	1 25	18 59	1 5	13 34	0 50	21 40	0 57	2 52	13 13	5 42	5 0	13 20		n.a.
M 4	18 54	19 40	2 46	22 54	0 33	0 43	2 52	27 28	4 30	5 29	1 26	18 59	1 5	13 35	0 50	21 40	0 57	2 52	13 13	5 44	5 1	13 17		n.a.
T 5	18 38	13 32	1 31	23 2	0 22	0 16	2 59	27 28	4 29	5 30	1 26	18 59	1 5	13 36	0 50	21 40	0 57	2 52	13 13	5 45	5 3	13 13		n.a.
W 6	18 23	6 41	0 11	23 9	0 11	0n10	3 7	27 29	4 27	5 30	1 26	19 0	1 5	13 37	0 50	21 40	0 57	2 53	13 14	5 45	5 4	13 10		n.a.
T 7	18 7	0s26	1s 9	23 15	0 0	0 36	3 15	27 29	4 26	5 30	1 26	19 0	1 5	13 38	0 50	21 41	0 57	2 53	13 14	5 45	5 5	13 7		n.a.
F 8	17 50	7 20	2 23	23 20	0s10	1 1	3 23	27 30	4 24	5 30	1 26	19 0	1 4	13 39	0 50	21 41	0 57	2 53	13 14	5 44	5 6	13 4		n.a.
S 9	17 34	13 42	3 26	23 24	0 20	1 27	3 31	27 30	4 23	5 30	1 27	19 0	1 4	13 39	0 50	21 41	0 57	2 54	13 15	5 44	5 8	13 1		n.a.
S 10	17 17	19 14	4 16	23 27	0 30	1 52	3 38	27 30	4 21	5 30	1 27	19 1	1 4	13 40	0 50	21 41	0 58	2 54	13 15	5 44	5 9	12 58		n.a.
M11	17 0	23 41	4 50	23 29	0 39	2 16	3 46	27 30	4 19	5 30	1 27	19 1	1 4	13 41	0 50	21 41	0 58	2 55	13 15	5 44	5 10	12 54		n.a.
T 12	16 42	26 50	5 9	23 29	0 48	2 41	3 54	27 29	4 18	5 29	1 27	19 1	1 3	13 42	0 50	21 41	0 58	2 55	13 16	5 44	5 11	12 51		n.a.
W13	16 24	28 34	5 12	23 28	0 57	3 5	4 2	27 29	4 16	5 29	1 27	19 2	1 3	13 43	0 50	21 42	0 58	2 55	13 16	5 46	5 13	12 48		n.a.
T 14	16 6	28 48	5 0	23 26	1 5	3 28	4 10	27 28	4 14	5 29	1 27	19 2	1 3	13 44	0 50	21 42	0 58	2 56	13 16	5 47	5 14	12 45		n.a.
F 15	15 48	27 37	4 35	23 23	1 13	3 51	4 18	27 27	4 12	5 28	1 28	19 2	1 3	13 45	0 50	21 42	0 58	2 56	13 17	5 49	5 15	12 42		n.a.
S 16	15 30	25 9	3 58	23 18	1 20	4 13	4 26	27 26	4 10	5 28	1 28	19 3	1 3	13 46	0 50	21 42	0 58	2 57	13 17	5 51	5 16	12 38		n.a.
S 17	15 11	21 36	3 10	23 12	1 27	4 35	4 34	27 25	4 8	5 27	1 28	19 3	1 2	13 46	0 50	21 42	0 58	2 57	13 17	5 53	5 18	12 35		n.a.
M18	14 52	17 12	2 15	23 4	1 33	4 57	4 42	27 24	4 6	5 26	1 28	19 4	1 2	13 47	0 50	21 42	0 58	2 58	13 18	5 54	5 19	12 32		n.a.
T 19	14 33	12 10	1 14	22 55	1 39	5 18	4 51	27 23	4 4	5 25	1 28	19 4	1 2	13 48	0 50	21 42	0 58	2 58	13 18	5 55	5 20	12 29		n.a.
W20	14 13	6 43	0 9	22 44	1 45	5 38	4 59	27 21	4 2	5 25	1 29	19 5	1 2	13 49	0 50	21 43	0 58	2 59	13 18	5 55	5 21	12 26		n.a.
T 21	13 54	1 3	0n56	22 32	1 50	5 57	5 7	27 20	4 0	5 24	1 29	19 5	1 2	13 50	0 50	21 43	0 58	2 59	13 19	5 55	5 23	12 22		n.a.
F 22	13 34	4n42	1 58	22 19	1 55	6 16	5 14	27 18	3 58	5 23	1 29	19 6	1 1	13 51	0 50	21 43	0 58	3 0	13 19	5 55	5 24	12 19		n.a.
S 23	13 14	10 20	2 57	22 3	1 59	6 34	5 22	27 16	3 55	5 22	1 29	19 6	1 1	13 52	0 50	21 43	0 58	3 0	13 19	5 54	5 25	12 16		n.a.
S 24	12 53	15 40	3 48	21 47	2 3	6 52	5 30	27 14	3 53	5 21	1 29	19 7	1 1	13 53	0 50	21 43	0 58	3 1	13 20	5 53	5 26	12 13		n.a.
M25	12 33	20 30	4 30	21 28	2 6	7 9	5 38	27 13	3 51	5 19	1 30	19 8	1 1	13 54	0 50	21 43	0 58	3 1	13 20	5 53	5 28	12 9		n.a.
T 26	12 12	24 32	5 0	21 8	2 9	7 25	5 46	27 11	3 49	5 18	1 30	19 8	1 1	13 55	0 50	21 43	0 58	3 2	13 20	5 53	5 29	12 6		n.a.
W27	11 51	27 26	5 15	20 46	2 12	7 40	5 53	27 9	3 47	5 17	1 30	19 9	1 0	13 55	0 50	21 43	0 58	3 2	13 21	5 53	5 30	12 3		n.a.
T 28	11s30	28n51	5n14	20s23	2s14	7n54	6n 0	27n 6	3n44	5s15	1n30	19n10	1s 0	13n56	0n50	21s43	0n58	3n 3	13n21	5s53	5s31	12s 0		n.a.

Julian Day Number = 1366431.5, Delta T = 06h54m27s
Ecliptic obliquity = 23°48'49, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°29'37, Lahiri = -17°22'37 Julian Calendar 1 Feb. 972 BCE == Greg. Calendar 23 Jan. 972 BCE

The year -971 astronomical counting style corresponds to year 972 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 972 BCE
geocentric

MARCH 972 BCE (-971) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 57 24	1♓22'34	7♋13	10♒47	6♈13	10°D38	16°R35	28♉33	25°R38	12♐45	23°R43	15°R15	16♓ 9	2♓21	n.a.	F 1
S 2	10 1 20	2°21'21	21°40	12°25	6°27	10♋39	16♎31	28°36	25♏36	12°46	23♎42	15♓14	16° 6	2°28	n.a.	S 2
S 3	10 5 17	3°20'07	6♏31	14° 4	6°39	10°40	16°28	28°38	25°33	12°46	23°41	15°12	16° 3	2°35	n.a.	S 3
M 4	10 9 13	4°18'50	21°37	15°45	6°49	10°41	16°24	28°41	25°30	12°47	23°40	15°11	16° 0	2°41	n.a.	M 4
T 5	10 13 10	5°17'31	6♐50	17°27	6°57	10°44	16°20	28°44	25°28	12°48	23°39	15°11	15°57	2°48	n.a.	T 5
W 6	10 17 7	6°16'09	22° 1	19°11	7° 2	10°47	16°16	28°47	25°25	12°48	23°38	15°D11	15°53	2°55	n.a.	W 6
T 7	10 21 3	7°14'46	7♑ 1	20°56	7° 5	10°51	16°11	28°50	25°23	12°49	23°37	15°11	15°50	3° 1	n.a.	T 7
F 8	10 25 0	8°13'21	21°41	22°43	7°R 6	10°55	16° 7	28°53	25°20	12°49	23°36	15°12	15°47	3° 8	n.a.	F 8
S 9	10 28 56	9°11'54	5♏56	24°31	7° 4	11° 1	16° 2	28°56	25°18	12°50	23°35	15°12	15°44	3°15	n.a.	S 9
S 10	10 32 53	10°10'25	19°46	26°21	7° 0	11° 6	15°57	28°59	25°15	12°50	23°34	15°13	15°41	3°21	n.a.	S 10
M11	10 36 49	11° 8'54	3♐ 9	28°13	6°53	11°13	15°52	29° 3	25°13	12°51	23°33	15°13	15°38	3°28	n.a.	M11
T 12	10 40 46	12° 7'22	16° 7	0♓ 6	6°44	11°20	15°47	29° 6	25°10	12°51	23°32	15°R13	15°34	3°34	n.a.	T 12
W13	10 44 42	13° 5'48	28°44	2° 1	6°33	11°28	15°42	29°10	25° 8	12°52	23°31	15°13	15°31	3°41	n.a.	W13
T 14	10 48 39	14° 4'13	11♑ 4	3°57	6°19	11°36	15°37	29°13	25° 6	12°52	23°30	15°13	15°28	3°48	n.a.	T 14
F 15	10 52 36	15° 2'35	23°11	5°55	6° 2	11°45	15°31	29°17	25° 3	12°53	23°28	15°D13	15°25	3°54	n.a.	F 15
S 16	10 56 32	16° 0'56	5♒ 7	7°54	5°44	11°55	15°26	29°21	25° 1	12°53	23°27	15°13	15°22	4° 1	n.a.	S 16
S 17	11 0 29	16°59'15	16°58	9°55	5°23	12° 5	15°20	29°25	24°58	12°53	23°26	15°13	15°18	4° 8	n.a.	S 17
M18	11 4 25	17°57'32	28°45	11°57	4°59	12°16	15°14	29°29	24°56	12°53	23°25	15°13	15°15	4°14	n.a.	M18
T 19	11 8 22	18°55'48	10♓32	14° 1	4°34	12°28	15° 8	29°33	24°54	12°54	23°24	15°R13	15°12	4°21	n.a.	T 19
W20	11 12 18	19°54'01	22°21	16° 5	4° 6	12°39	15° 2	29°37	24°51	12°54	23°22	15°13	15° 9	4°28	n.a.	W20
T 21	11 16 15	20°52'12	4♈15	18°11	3°37	12°52	14°55	29°42	24°49	12°54	23°21	15°13	15° 6	4°34	n.a.	T 21
F 22	11 20 11	21°50'22	16°14	20°18	3° 6	13° 5	14°49	29°46	24°47	12°54	23°20	15°12	15° 3	4°41	n.a.	F 22
S 23	11 24 8	22°48'30	28°23	22°26	2°33	13°19	14°42	29°51	24°45	12°54	23°18	15°11	14°59	4°48	n.a.	S 23
S 24	11 28 4	23°46'35	10♉42	24°35	1°59	13°33	14°36	29°55	24°43	12°54	23°17	15°10	14°56	4°54	n.a.	S 24
M25	11 32 1	24°44'39	23°14	26°44	1°23	13°47	14°29	29°59	24°40	12°R54	23°16	15° 9	14°53	5° 1	n.a.	M25
T 26	11 35 58	25°42'41	6♊ 3	28°53	0°47	14° 2	14°22	0♊ 5	24°38	12°54	23°14	15° 8	14°50	5° 8	n.a.	T 26
W27	11 39 54	26°40'41	19°10	1♈ 2	0° 9	14°18	14°15	0° 9	24°36	12°54	23°13	15° 7	14°47	5°14	n.a.	W27
T 28	11 43 51	27°38'38	2♋39	3°11	29♓32	14°34	14° 9	0°14	24°34	12°54	23°11	15°D 7	14°44	5°21	n.a.	T 28
F 29	11 47 47	28°36'34	16°29	5°19	28°54	14°51	14° 1	0°19	24°32	12°54	23°10	15° 8	14°40	5°27	n.a.	F 29
S 30	11 51 44	29°34'28	0♏42	7°27	28°15	15° 8	13°54	0°24	24°30	12°54	23° 8	15° 9	14°37	5°34	n.a.	S 30
S 31	11 55 40	0♈32'19	15♏16	9♈33	27♓38	15♋25	13♎47	0♊29	24♏28	12♐53	23♑ 7	15♓10	14♓34	5♓41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s 9	28n30	4n54	19s58	2s15	8n 7	6n 8	27n 4	3n42	5s14	1n30	19n11	1s 0	13n57	0n50	21s43	0n58	3n 3	13n21	5s54	5s33	11s57		n.a.
S 2	10 48	26 14	4 15	19 31	2 16	8 19	6 15	27 2	3 40	5 12	1 30	19 11	1 0	13 58	0 50	21 44	0 58	3 4	13 22	5 55	5 34	11 53		n.a.
S 3	10 26	22 8	3 18	19 2	2 17	8 30	6 22	27 0	3 38	5 11	1 30	19 12	0 59	13 59	0 50	21 44	0 58	3 5	13 22	5 55	5 35	11 50		n.a.
M 4	10 5	16 31	2 7	18 32	2 17	8 40	6 28	26 57	3 36	5 9	1 31	19 13	0 59	14 0	0 50	21 44	0 58	3 5	13 22	5 56	5 36	11 47		n.a.
T 5	9 43	9 51	0 46	18 0	2 16	8 49	6 35	26 55	3 33	5 8	1 31	19 14	0 59	14 1	0 50	21 44	0 58	3 6	13 22	5 56	5 38	11 44		n.a.
W 6	9 21	2 38	0s38	17 26	2 15	8 57	6 41	26 52	3 31	5 6	1 31	19 15	0 59	14 2	0 50	21 44	0 58	3 6	13 23	5 56	5 39	11 40		n.a.
T 7	8 59	4s38	1 58	16 51	2 14	9 4	6 47	26 50	3 29	5 4	1 31	19 15	0 59	14 2	0 50	21 44	0 58	3 7	13 23	5 56	5 40	11 37		n.a.
F 8	8 37	11 30	3 9	16 13	2 12	9 9	6 52	26 47	3 27	5 2	1 31	19 16	0 58	14 3	0 50	21 44	0 58	3 8	13 23	5 55	5 41	11 34		n.a.
S 9	8 15	17 34	4 6	15 34	2 9	9 13	6 58	26 45	3 24	5 0	1 31	19 17	0 58	14 4	0 50	21 44	0 58	3 8	13 23	5 55	5 43	11 31		n.a.
S 10	7 52	22 33	4 47	14 54	2 6	9 16	7 2	26 42	3 22	4 58	1 31	19 18	0 58	14 5	0 50	21 44	0 58	3 9	13 24	5 55	5 44	11 27		n.a.
M11	7 30	26 11	5 11	14 11	2 2	9 17	7 7	26 39	3 20	4 56	1 32	19 19	0 58	14 6	0 50	21 44	0 58	3 9	13 24	5 55	5 45	11 24		n.a.
T 12	7 7	28 20	5 18	13 27	1 58	9 17	7 11	26 36	3 18	4 54	1 32	19 20	0 58	14 7	0 50	21 44	0 58	3 10	13 24	5 55	5 46	11 21		n.a.
W13	6 45	28 57	5 9	12 41	1 53	9 15	7 14	26 34	3 16	4 52	1 32	19 21	0 58	14 7	0 50	21 44	0 58	3 11	13 24	5 55	5 48	11 18		n.a.
T 14	6 22	28 6	4 46	11 53	1 48	9 13	7 17	26 31	3 14	4 50	1 32	19 22	0 57	14 8	0 50	21 44	0 58	3 11	13 25	5 55	5 49	11 14		n.a.
F 15	5 59	25 54	4 11	11 4	1 42	9 8	7 19	26 28	3 11	4 47	1 32	19 23	0 57	14 9	0 50	21 44	0 58	3 12	13 25	5 55	5 50	11 11		n.a.
S 16	5 36	22 35	3 25	10 13	1 36	9 2	7 21	26 25	3 9	4 45	1 32	19 24	0 57	14 10	0 50	21 44	0 58	3 12	13 25	5 55	5 51	11 8		n.a.
S 17	5 13	18 23	2 31	9 20	1 29	8 55	7 22	26 22	3 7	4 43	1 32	19 25	0 57	14 11	0 50	21 44	0 58	3 13	13 25	5 55	5 53	11 5		n.a.
M18	4 50	13 30	1 30	8 26	1 22	8 46	7 23	26 18	3 5	4 40	1 32	19 26	0 57	14 11	0 50	21 44	0 58	3 14	13 25	5 55	5 54	11 1		n.a.
T 19	4 27	8 8	0 26	7 31	1 14	8 35	7 22	26 15	3 3	4 38	1 32	19 27	0 56	14 12	0 50	21 44	0 58	3 14	13 26	5 55	5 55	10 58		n.a.
W20	4 4	2 29	0n40	6 34	1 5	8 23	7 21	26 12	3 1	4 36	1 32	19 28	0 56	14 13	0 50	21 44	0 58	3 15	13 26	5 55	5 56	10 55		n.a.
T 21	3 40	3n18	1 44	5 36	0 57	8 9	7 20	26 9	2 59	4 33	1 32	19 29	0 56	14 14	0 50	21 44	0 58	3 16	13 26	5 55	5 58	10 52		n.a.
F 22	3 17	9 0	2 44	4 37	0 47	7 55	7 17	26 5	2 57	4 30	1 33	19 31	0 56	14 14	0 50	21 44	0 58	3 16	13 26	5 55	5 59	10 48		n.a.
S 23	2 54	14 26	3 37	3 37	0 38	7 38	7 14	26 2	2 55	4 28	1 33	19 32	0 56	14 15	0 50	21 44	0 58	3 17	13 26	5 55	6 0	10 45		n.a.
S 24	2 31	19 24	4 22	2 37	0 28	7 21	7 9	25 58	2 53	4 25	1 33	19 33	0 55	14 16	0 50	21 44	0 58	3 18	13 26	5 56	6 1	10 42		n.a.
M25	2 7	23 37	4 54	1 35	0 17	7 2	7 4	25 55	2 51	4 23	1 33	19 34	0 55	14 17	0 49	21 44	0 58	3 18	13 27	5 56	6 3	10 38		n.a.
T 26	1 44	26 47	5 13	0 33	0 7	6 42	6 59	25 51	2 49	4 20	1 33	19 35	0 55	14 17	0 49	21 44	0 58	3 19	13 27	5 57	6 4	10 35		n.a.
W27	1 20	28 37	5 16	0n29	0n 4	6 21	6 52	25 48	2 47	4 17	1 33	19 36	0 55	14 18	0 49	21 44	0 58	3 19	13 27	5 57	6 5	10 32		n.a.
T 28	0 57	28 49	5 2	1 30	0 14	5 59	6 45	25 44	2 45	4 14	1 33	19 38	0 55	14 19	0 49	21 44	0 58	3 20	13 27	5 57	6 6	10 29		n.a.
F 29	0 34	27 15	4 31	2 32	0 25	5 36	6 37	25 40	2 43	4 12	1 33	19 39	0 55	14 19	0 49	21 44	0 58	3 21	13 27	5 57	6 8	10 25		n.a.
S 30	0 10	23 56	3 42	3 33	0 36	5 12	6 28	25 36	2 41	4 9	1 33	19 40	0 54	14 20	0 49	21 44	0 58	3 21	13 27	5 56	6 9	10 22		n.a.
S 31	0n13	19n 2	2n38	4n33	0n47	4n48	6n18	25n32	2n39	4s 6	1n33	19n41	0s54	14n21	0n49	21s44	0n59	3n22	13n27	5s56	6s10	10s19		n.a.

Julian Day Number = 1366459.5, Delta T = 06h54m26s
Ecliptic obliquity = 23°48'49, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°29'34, Lahiri = -17°22'33 Julian Calendar 1 March 972 BCE == Greg. Calendar 20 Feb. 972 BCE

The year -971 astronomical counting style corresponds to year 972 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 972 BCE
geocentric

APRIL 972 BCE (-971) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 59 37	1♈30'09	0♍ 6	11♈38	27°R 0	15♋43	13°R40	0♊35	24°R26	12°R53	23°R 6	15♓11	14♓31	5♓47	n.a.	M 1
T 2	12 3 33	2°27'57	15° 8	13°41	26♓23	16° 1	13♎33	0°40	24♑25	12♗53	23♎ 4	15°R11	14°28	5°54	n.a.	T 2
W 3	12 7 30	3°25'43	0♎12	15°42	25°47	16°20	13°25	0°45	24°23	12°53	23° 2	15°11	14°24	6° 1	n.a.	W 3
T 4	12 11 27	4°23'28	15°10	17°41	25°13	16°39	13°18	0°51	24°21	12°52	23° 1	15° 9	14°21	6° 7	n.a.	T 4
F 5	12 15 23	5°21'11	29°55	19°37	24°39	16°58	13°10	0°56	24°19	12°52	22°59	15° 7	14°18	6°14	n.a.	F 5
S 6	12 19 20	6°18'53	14♏18	21°30	24° 8	17°18	13° 3	1° 2	24°17	12°52	22°58	15° 4	14°15	6°21	n.a.	S 6
S 7	12 23 16	7°16'33	28°16	23°21	23°37	17°39	12°55	1° 7	24°16	12°51	22°56	15° 2	14°12	6°27	n.a.	S 7
M 8	12 27 13	8°14'13	11♐46	25° 9	23° 9	17°59	12°48	1°13	24°14	12°51	22°55	14°59	14° 9	6°34	n.a.	M 8
T 9	12 31 9	9°11'51	24°50	26°54	22°43	18°20	12°40	1°19	24°13	12°50	22°53	14°57	14° 5	6°41	n.a.	T 9
W10	12 35 6	10° 9'28	7♑31	28°36	22°19	18°42	12°33	1°24	24°11	12°50	22°52	14°D56	14° 2	6°47	n.a.	W10
T 11	12 39 2	11° 7'04	19°51	0♒15	21°57	19° 3	12°25	1°30	24° 9	12°49	22°50	14°57	13°59	6°54	n.a.	T 11
F 12	12 42 59	12° 4'38	1♒55	1°50	21°38	19°25	12°17	1°36	24° 8	12°49	22°48	14°58	13°56	7° 1	n.a.	F 12
S 13	12 46 56	13° 2'12	13°50	3°22	21°21	19°48	12°10	1°42	24° 7	12°48	22°47	14°59	13°53	7° 7	n.a.	S 13
S 14	12 50 52	13°59'44	25°38	4°50	21° 6	20°11	12° 2	1°48	24° 5	12°48	22°45	15° 1	13°49	7°14	n.a.	S 14
M15	12 54 49	14°57'15	7♓24	6°16	20°53	20°34	11°54	1°54	24° 4	12°47	22°44	15° 2	13°46	7°20	n.a.	M15
T 16	12 58 45	15°54'46	19°13	7°37	20°44	20°57	11°47	2° 1	24° 3	12°46	22°42	15°R 3	13°43	7°27	n.a.	T 16
W17	13 2 42	16°52'15	1♈ 7	8°55	20°36	21°21	11°39	2° 7	24° 1	12°46	22°40	15° 1	13°40	7°34	n.a.	W17
T 18	13 6 38	17°49'43	13° 8	10°10	20°31	21°45	11°32	2°13	24° 0	12°45	22°39	14°59	13°37	7°40	n.a.	T 18
F 19	13 10 35	18°47'09	25°20	11°21	20°28	22° 9	11°24	2°20	23°59	12°44	22°37	14°54	13°34	7°47	n.a.	F 19
S 20	13 14 31	19°44'35	7♉43	12°28	20°D28	22°34	11°17	2°26	23°58	12°43	22°35	14°49	13°30	7°54	n.a.	S 20
S 21	13 18 28	20°41'59	20°18	13°32	20°30	22°59	11° 9	2°32	23°57	12°42	22°34	14°43	13°27	8° 0	n.a.	S 21
M22	13 22 25	21°39'23	3♊ 6	14°32	20°34	23°24	11° 2	2°39	23°56	12°42	22°32	14°37	13°24	8° 7	n.a.	M22
T 23	13 26 21	22°36'45	16° 7	15°27	20°40	23°50	10°54	2°46	23°55	12°41	22°30	14°32	13°21	8°14	n.a.	T 23
W24	13 30 18	23°34'06	29°23	16°19	20°49	24°15	10°47	2°52	23°54	12°40	22°29	14°28	13°18	8°20	n.a.	W24
T 25	13 34 14	24°31'25	12♋53	17° 7	21° 0	24°41	10°40	2°59	23°53	12°39	22°27	14°25	13°15	8°27	n.a.	T 25
F 26	13 38 11	25°28'44	26°40	17°51	21°12	25° 8	10°32	3° 6	23°52	12°38	22°25	14°D25	13°11	8°34	n.a.	F 26
S 27	13 42 7	26°26'01	10♌41	18°31	21°27	25°34	10°25	3°12	23°52	12°37	22°24	14°25	13° 8	8°40	n.a.	S 27
S 28	13 46 4	27°23'17	24°58	19° 6	21°44	26° 1	10°18	3°19	23°51	12°36	22°22	14°27	13° 5	8°47	n.a.	S 28
M29	13 50 0	28°20'31	9♍29	19°37	22° 2	26°28	10°11	3°26	23°50	12°35	22°21	14°R28	13° 2	8°54	n.a.	M29
T 30	13 53 57	29♈17'45	24♍ 9	20♉ 4	22♓23	26♋56	10♎ 4	3♊33	23♌50	12♗34	22♎19	14♓27	12♓59	9♓ 0	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n36	12n54	1n23	5n33	0n57	4n24	6n 8	25n28	2n37	4s 3	1n33	19n43	0s54	14n21	0n49	21s44	0n59	3n23	13n27	5s56	6s11	10s15		n.a.
T 2	1 0	5 57	0 0	6 31	1 7	3 59	5 57	25 24	2 35	4 0	1 33	19 44	0 54	14 22	0 49	21 44	0 59	3 23	13 28	5 56	6 13	10 12		n.a.
W 3	1 23	1s20	1s22	7 27	1 17	3 34	5 45	25 20	2 33	3 57	1 33	19 45	0 54	14 22	0 49	21 44	0 59	3 24	13 28	5 56	6 14	10 9		n.a.
T 4	1 46	8 30	2 38	8 22	1 27	3 9	5 33	25 16	2 31	3 54	1 33	19 46	0 54	14 23	0 49	21 44	0 59	3 24	13 28	5 56	6 15	10 5		n.a.
F 5	2 10	15 5	3 43	9 16	1 36	2 45	5 21	25 11	2 30	3 51	1 33	19 48	0 53	14 24	0 49	21 44	0 59	3 25	13 28	5 57	6 16	10 2		n.a.
S 6	2 33	20 41	4 31	10 7	1 44	2 20	5 8	25 7	2 28	3 49	1 33	19 49	0 53	14 24	0 49	21 44	0 59	3 26	13 28	5 58	6 18	9 59		n.a.
S 7	2 56	24 59	5 2	10 56	1 52	1 56	4 55	25 2	2 26	3 46	1 33	19 50	0 53	14 25	0 49	21 44	0 59	3 26	13 28	5 59	6 19	9 56		n.a.
M 8	3 19	27 45	5 15	11 44	1 59	1 33	4 42	24 58	2 24	3 43	1 33	19 52	0 53	14 25	0 49	21 43	0 59	3 27	13 28	6 0	6 20	9 52		n.a.
T 9	3 42	28 53	5 10	12 29	2 6	1 10	4 28	24 53	2 22	3 40	1 33	19 53	0 53	14 26	0 49	21 43	0 59	3 28	13 28	6 1	6 21	9 49		n.a.
W10	4 5	28 26	4 51	13 11	2 12	0 48	4 14	24 48	2 21	3 37	1 33	19 54	0 53	14 26	0 49	21 43	0 59	3 28	13 28	6 1	6 23	9 46		n.a.
T 11	4 28	26 35	4 19	13 52	2 17	0 26	4 1	24 44	2 19	3 34	1 33	19 56	0 52	14 27	0 49	21 43	0 59	3 29	13 28	6 1	6 24	9 42		n.a.
F 12	4 51	23 32	3 35	14 30	2 21	0 6	3 47	24 39	2 17	3 31	1 32	19 57	0 52	14 27	0 49	21 43	0 59	3 29	13 28	6 1	6 25	9 39		n.a.
S 13	5 14	19 32	2 43	15 6	2 25	0s14	3 33	24 34	2 15	3 28	1 32	19 59	0 52	14 28	0 49	21 43	0 59	3 30	13 28	6 0	6 26	9 36		n.a.
S 14	5 36	14 49	1 45	15 39	2 28	0 32	3 19	24 28	2 14	3 25	1 32	20 0	0 52	14 28	0 49	21 43	0 59	3 31	13 28	5 59	6 27	9 32		n.a.
M15	5 59	9 34	0 42	16 10	2 30	0 50	3 5	24 23	2 12	3 22	1 32	20 1	0 52	14 28	0 49	21 43	0 59	3 31	13 28	5 59	6 29	9 29		n.a.
T 16	6 21	3 59	0n23	16 39	2 32	1 6	2 52	24 18	2 10	3 19	1 32	20 3	0 52	14 29	0 49	21 43	0 59	3 32	13 28	5 59	6 30	9 26		n.a.
W17	6 44	1n46	1 27	17 6	2 32	1 22	2 38	24 12	2 9	3 16	1 32	20 4	0 51	14 29	0 49	21 43	0 59	3 32	13 28	5 59	6 31	9 22		n.a.
T 18	7 6	7 32	2 28	17 29	2 32	1 36	2 25	24 7	2 7	3 13	1 32	20 6	0 51	14 30	0 49	21 43	0 59	3 33	13 28	6 0	6 32	9 19		n.a.
F 19	7 28	13 5	3 22	17 51	2 31	1 49	2 12	24 1	2 5	3 10	1 32	20 7	0 51	14 30	0 49	21 42	0 59	3 33	13 28	6 2	6 34	9 16		n.a.
S 20	7 50	18 12	4 8	18 10	2 29	2 1	1 59	23 56	2 4	3 8	1 32	20 8	0 51	14 30	0 49	21 42	0 59	3 34	13 28	6 4	6 35	9 12		n.a.
S 21	8 12	22 38	4 43	18 27	2 26	2 12	1 46	23 50	2 2	3 5	1 32	20 10	0 51	14 31	0 49	21 42	0 59	3 34	13 28	6 7	6 36	9 9		n.a.
M22	8 34	26 5	5 4	18 42	2 22	2 22	1 34	23 44	2 1	3 2	1 31	20 11	0 51	14 31	0 49	21 42	0 59	3 35	13 28	6 9	6 37	9 6		n.a.
T 23	8 56	28 13	5 10	18 55	2 17	2 30	1 22	23 38	1 59	2 59	1 31	20 13	0 51	14 31	0 49	21 42	0 59	3 36	13 28	6 11	6 39	9 2		n.a.
W24	9 17	28 49	5 0	19 5	2 12	2 38	1 10	23 32	1 58	2 56	1 31	20 14	0 50	14 31	0 49	21 42	0 59	3 36	13 28	6 13	6 40	8 59		n.a.
T 25	9 39	27 43	4 33	19 13	2 5	2 44	0 58	23 25	1 56	2 54	1 31	20 16	0 50	14 32	0 48	21 42	0 59	3 37	13 28	6 13	6 41	8 56		n.a.
F 26	10 0	24 55	3 50	19 18	1 58	2 49	0 47	23 19	1 54	2 51	1 31	20 17	0 50	14 32	0 48	21 42	0 59	3 37	13 27	6 14	6 42	8 52		n.a.
S 27	10 21	20 36	2 53	19 22	1 50	2 53	0 36	23 12	1 53	2 48	1 31	20 18	0 50	14 32	0 48	21 41	0 59	3 38	13 27	6 13	6 44	8 49		n.a.
S 28	10 42	15 1	1 44	19 23	1 41	2 56	0 26	23 6	1 51	2 46	1 30	20 20	0 50	14 32	0 48	21 41	0 59	3 38	13 27	6 13	6 45	8 46		n.a.
M29	11 3	8 33	0 27	19 22	1 31	2 58	0 15	22 59	1 50	2 43	1 30	20 21	0 50	14 33	0 48	21 41	0 59	3 39	13 27	6 13	6 46	8 42		n.a.
T 30	11n24	1n34	0s52	19n19	1n20	2s59	0n 5	22n52	1n48	2s40	1n30	20n23	0s50	14n33	0n48	21s41	0n59	3n39	13n27	6s13	6s47	8s39		n.a.

Julian Day Number = 1366490.5, Delta T = 06h54m24s
Ecliptic obliquity = 23°48'50, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°29'29, Lahiri = -17°22'29 Julian Calendar 1 Apr. 972 BCE == Greg. Calendar 23 March 972 BCE

The year -971 astronomical counting style corresponds to year 972 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 972 BCE
geocentric

MAY 972 BCE (-971) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 57 54	0♉14'57	8♎54	20♉26	22♓45	27♋23	9°R58	3♊40	23°R49	12°R33	22°R17	14°R25	12♓55	9♓ 7	n.a.	W 1
T 2	14 1 50	1°12'09	23°36	20°44	23° 9	27°51	9♎51	3°47	23♎48	12♐32	22♎16	14♓21	12°52	9°13	n.a.	T 2
F 3	14 5 47	2° 9'20	8♏10	20°57	23°34	28°19	9°44	3°54	23°48	12°31	22°14	14°15	12°49	9°20	n.a.	F 3
S 4	14 9 43	3° 6'30	22°28	21° 5	24° 1	28°47	9°38	4° 1	23°48	12°30	22°12	14° 8	12°46	9°27	n.a.	S 4
S 5	14 13 40	4° 3'40	6♐24	21°R 9	24°30	29°16	9°32	4° 8	23°47	12°28	22°11	14° 0	12°43	9°33	n.a.	S 5
M 6	14 17 36	5° 0'49	19°56	21° 8	25° 0	29°45	9°25	4°15	23°47	12°27	22° 9	13°52	12°40	9°40	n.a.	M 6
T 7	14 21 33	5°57'58	3♑ 2	21° 3	25°32	0♌14	9°19	4°22	23°47	12°26	22° 8	13°46	12°36	9°47	n.a.	T 7
W 8	14 25 29	6°55'06	15°45	20°54	26° 5	0°43	9°13	4°30	23°47	12°25	22° 6	13°42	12°33	9°53	n.a.	W 8
T 9	14 29 26	7°52'14	28° 6	20°40	26°39	1°12	9° 7	4°37	23°46	12°24	22° 4	13°40	12°30	10° 0	n.a.	T 9
F 10	14 33 23	8°49'22	10♒12	20°23	27°14	1°42	9° 1	4°44	23°46	12°22	22° 3	13°D39	12°27	10° 7	n.a.	F 10
S 11	14 37 19	9°46'30	22° 7	20° 2	27°51	2°11	8°56	4°51	23°D46	12°21	22° 1	13°40	12°24	10°13	n.a.	S 11
S 12	14 41 16	10°43'38	3♓55	19°37	28°29	2°41	8°50	4°59	23°46	12°20	22° 0	13°41	12°21	10°20	n.a.	S 12
M13	14 45 12	11°40'45	15°43	19°10	29° 8	3°12	8°45	5° 6	23°46	12°18	21°58	13°R41	12°17	10°27	n.a.	M13
T 14	14 49 9	12°37'52	27°34	18°40	29°48	3°42	8°39	5°14	23°46	12°17	21°57	13°40	12°14	10°33	n.a.	T 14
W15	14 53 5	13°34'59	9♈34	18° 8	0♈29	4°12	8°34	5°21	23°47	12°16	21°55	13°37	12°11	10°40	n.a.	W15
T 16	14 57 2	14°32'05	21°46	17°34	1°11	4°43	8°29	5°29	23°47	12°14	21°54	13°31	12° 8	10°46	n.a.	T 16
F 17	15 0 58	15°29'12	4♉11	17° 0	1°54	5°14	8°24	5°36	23°47	12°13	21°52	13°23	12° 5	10°53	n.a.	F 17
S 18	15 4 55	16°26'19	16°50	16°25	2°38	5°45	8°20	5°44	23°47	12°11	21°51	13°14	12° 1	11° 0	n.a.	S 18
S 19	15 8 52	17°23'25	29°45	15°50	3°23	6°17	8°15	5°51	23°48	12°10	21°49	13° 3	11°58	11° 6	n.a.	S 19
M20	15 12 48	18°20'31	12♊54	15°17	4° 9	6°48	8°11	5°59	23°48	12° 9	21°48	12°52	11°55	11°13	n.a.	M20
T 21	15 16 45	19°17'37	26°16	14°44	4°55	7°20	8° 6	6° 6	23°49	12° 7	21°47	12°43	11°52	11°20	n.a.	T 21
W22	15 20 41	20°14'43	9♋50	14°14	5°43	7°52	8° 2	6°14	23°49	12° 6	21°45	12°35	11°49	11°26	n.a.	W22
T 23	15 24 38	21°11'48	23°33	13°46	6°31	8°24	7°58	6°21	23°50	12° 4	21°44	12°30	11°46	11°33	n.a.	T 23
F 24	15 28 34	22° 8'53	7♌25	13°21	7°20	8°56	7°55	6°29	23°51	12° 3	21°42	12°27	11°42	11°40	n.a.	F 24
S 25	15 32 31	23° 5'58	21°25	12°59	8° 9	9°28	7°51	6°37	23°51	12° 1	21°41	12°D26	11°39	11°46	n.a.	S 25
S 26	15 36 28	24° 3'02	5♍32	12°41	8°59	10° 1	7°48	6°44	23°52	12° 0	21°40	12°R26	11°36	11°53	n.a.	S 26
M27	15 40 24	25° 0'06	19°46	12°28	9°50	10°34	7°44	6°52	23°53	11°58	21°38	12°26	11°33	12° 0	n.a.	M27
T 28	15 44 21	25°57'10	4♎ 5	12°19	10°41	11° 6	7°41	7° 0	23°54	11°57	21°37	12°25	11°30	12° 6	n.a.	T 28
W29	15 48 17	26°54'14	18°26	12°D14	11°33	11°39	7°38	7° 8	23°55	11°55	21°36	12°21	11°26	12°13	n.a.	W29
T 30	15 52 14	27°51'17	2♏44	12°14	12°26	12°13	7°36	7°15	23°56	11°54	21°35	12°14	11°23	12°20	n.a.	T 30
F 31	15 56 10	28♉48'21	16♏56	12♉19	13♈19	12♌46	7♎33	7♊23	23♌57	11♐52	21♎33	12♓ 5	11♓20	12♓26	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11n44	5s32	2s 8	19n14	1n 9	2s59	0s 4	22n45	1n47	2s38	1n30	20n24	0s50	14n33	0n48	21s41	0n59	3n40	13n27	6s14	6s49	8s36			n.a.
T 2	12 4	12 19	3 15	19 7	0 56	2 58	0 14	22 38	1 45	2 35	1 30	20 26	0 49	14 33	0 48	21 41	0 59	3 40	13 27	6 15	6 50	8 32			n.a.
F 3	12 25	18 22	4 9	18 58	0 43	2 56	0 23	22 31	1 44	2 33	1 30	20 27	0 49	14 33	0 48	21 40	0 59	3 40	13 26	6 18	6 51	8 29			n.a.
S 4	12 44	23 16	4 46	18 47	0 29	2 53	0 31	22 24	1 43	2 30	1 29	20 29	0 49	14 33	0 48	21 40	0 59	3 41	13 26	6 20	6 52	8 26			n.a.
S 5	13 4	26 43	5 5	18 34	0 15	2 50	0 40	22 16	1 41	2 28	1 29	20 30	0 49	14 33	0 48	21 40	0 59	3 41	13 26	6 23	6 53	8 22			n.a.
M 6	13 24	28 30	5 6	18 19	0s 0	2 45	0 48	22 9	1 40	2 26	1 29	20 32	0 49	14 33	0 48	21 40	0 59	3 42	13 26	6 26	6 55	8 19			n.a.
T 7	13 43	28 37	4 50	18 3	0 16	2 39	0 56	22 1	1 38	2 24	1 29	20 33	0 49	14 33	0 48	21 40	0 59	3 42	13 26	6 29	6 56	8 15			n.a.
W 8	14 2	27 11	4 21	17 45	0 32	2 33	1 3	21 53	1 37	2 21	1 29	20 35	0 49	14 33	0 48	21 40	0 59	3 42	13 26	6 30	6 57	8 12			n.a.
T 9	14 21	24 27	3 40	17 25	0 49	2 26	1 11	21 45	1 36	2 19	1 28	20 36	0 48	14 33	0 48	21 39	0 59	3 43	13 25	6 31	6 58	8 9			n.a.
F 10	14 40	20 41	2 50	17 4	1 5	2 18	1 18	21 37	1 34	2 17	1 28	20 37	0 48	14 33	0 48	21 39	0 59	3 43	13 25	6 31	7 0	8 5			n.a.
S 11	14 58	16 8	1 53	16 43	1 22	2 9	1 24	21 29	1 33	2 15	1 28	20 39	0 48	14 33	0 48	21 39	0 59	3 44	13 25	6 31	7 1	8 2			n.a.
S 12	15 16	11 2	0 52	16 20	1 39	2 0	1 31	21 21	1 31	2 13	1 28	20 40	0 48	14 33	0 48	21 39	0 59	3 44	13 25	6 31	7 2	7 59			n.a.
M13	15 34	5 33	0n11	15 56	1 55	1 50	1 37	21 12	1 30	2 11	1 27	20 42	0 48	14 33	0 48	21 39	0 59	3 44	13 25	6 31	7 3	7 55			n.a.
T 14	15 52	0n 9	1 14	15 33	2 11	1 39	1 43	21 4	1 29	2 9	1 27	20 43	0 48	14 33	0 48	21 39	0 59	3 45	13 24	6 31	7 5	7 52			n.a.
W15	16 10	5 54	2 14	15 9	2 27	1 28	1 49	20 55	1 27	2 7	1 27	20 45	0 48	14 33	0 48	21 38	0 59	3 45	13 24	6 32	7 6	7 49			n.a.
T 16	16 27	11 31	3 9	14 45	2 42	1 16	1 54	20 46	1 26	2 6	1 27	20 46	0 48	14 33	0 48	21 38	0 59	3 45	13 24	6 35	7 7	7 45			n.a.
F 17	16 44	16 48	3 56	14 21	2 56	1 3	1 59	20 38	1 25	2 4	1 26	20 48	0 48	14 33	0 48	21 38	0 59	3 46	13 24	6 38	7 8	7 42			n.a.
S 18	17 1	21 28	4 32	13 59	3 10	0 50	2 4	20 28	1 24	2 2	1 26	20 49	0 47	14 33	0 48	21 38	0 59	3 46	13 23	6 41	7 9	7 38			n.a.
S 19	17 17	25 13	4 55	13 37	3 22	0 36	2 9	20 19	1 22	2 1	1 26	20 51	0 47	14 33	0 47	21 38	0 59	3 46	13 23	6 46	7 11	7 35			n.a.
M20	17 33	27 42	5 3	13 17	3 33	0 22	2 13	20 10	1 21	1 59	1 26	20 52	0 47	14 32	0 47	21 37	0 59	3 46	13 23	6 50	7 12	7 32			n.a.
T 21	17 49	28 40	4 55	12 58	3 43	0 7	2 18	20 1	1 20	1 58	1 25	20 53	0 47	14 32	0 47	21 37	0 59	3 47	13 22	6 54	7 13	7 28			n.a.
W22	18 5	27 56	4 30	12 40	3 52	0n 9	2 22	19 51	1 18	1 56	1 25	20 55	0 47	14 32	0 47	21 37	0 59	3 47	13 22	6 57	7 14	7 25			n.a.
T 23	18 20	25 29	3 49	12 25	3 59	0 24	2 25	19 41	1 17	1 55	1 25	20 56	0 47	14 32	0 47	21 37	0 59	3 47	13 22	6 59	7 16	7 22			n.a.
F 24	18 35	21 31	2 55	12 12	4 5	0 41	2 29	19 31	1 16	1 54	1 24	20 58	0 47	14 31	0 47	21 37	0 59	3 47	13 21	7 0	7 17	7 18			n.a.
S 25	18 50	16 18	1 49	12 1	4 9	0 57	2 32	19 21	1 15	1 53	1 24	20 59	0 47	14 31	0 47	21 36	0 59	3 48	13 21	7 0	7 18	7 15			n.a.
S 26	19 5	10 11	0 37	11 53	4 12	1 14	2 36	19 11	1 13	1 51	1 24	21 1	0 47	14 31	0 47	21 36	0 59	3 48	13 21	7 0	7 19	7 11			n.a.
M27	19 19	3 31	0s39	11 47	4 14	1 32	2 38	19 1	1 12	1 50	1 24	21 2	0 46	14 31	0 47	21 36	0 59	3 48	13 21	7 0	7 21	7 8			n.a.
T 28	19 33	3s21	1 52	11 44	4 14	1 50	2 41	18 51	1 11	1 49	1 23	21 3	0 46	14 30	0 47	21 36	0 59	3 48	13 20	7 0	7 22	7 5			n.a.
W29	19 46	10 4	2 58	11 44	4 13	2 8	2 44	18 40	1 10	1 49	1 23	21 5	0 46	14 30	0 47	21 36	0 59	3 48	13 20	7 2	7 23	7 1			n.a.
T 30	19 59	16 15	3 53	11 46	4 11	2 27	2 46	18 30	1 9	1 48	1 23	21 6	0 46	14 29	0 47	21 35	0 59	3 48	13 19	7 4	7 24	6 58			n.a.
F 31	20n12	21s30	4s33	11n51	4s 7	2n46	2s48	18n19	1n 7	1s47	1n22	21n 8	0s46	14n29	0n47	21s35	0n59	3n48	13n19	7s 8	7s25	6s54			n.a.

Julian Day Number = 1366520.5, Delta T = 06h54m23s
Ecliptic obliquity = 23°48'49, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°29'25, Lahiri = -17°22'25 Julian Calendar 1 May 972 BCE == Greg. Calendar 22 Apr. 972 BCE

The year -971 astronomical counting style corresponds to year 972 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 972 BCE
geocentric

JUNE 972 BCE (-971) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 0 7	29♉45'25	0♐56	12♉30	14♈13	13♌19	7°R31	7♊31	23♌58	11°R50	21°R32	11°R55	11♓17	12♓33	n.a.	S 1
S 2	16 4 3	0♊42'30	14°39	12°45	15° 7	13°53	7♎29	7°39	23°59	11♐49	21♎31	11♓43	11°14	12°39	n.a.	S 2
M 3	16 8 0	1°39'34	28° 2	13° 6	16° 2	14°27	7°27	7°46	24° 0	11°47	21°30	11°32	11°11	12°46	n.a.	M 3
T 4	16 11 57	2°36'40	11♑ 3	13°32	16°58	15° 1	7°25	7°54	24° 1	11°46	21°29	11°22	11° 7	12°53	n.a.	T 4
W 5	16 15 53	3°33'46	23°44	14° 3	17°54	15°35	7°23	8° 2	24° 3	11°44	21°28	11°15	11° 4	12°59	n.a.	W 5
T 6	16 19 50	4°30'52	6♒ 5	14°39	18°50	16° 9	7°22	8°10	24° 4	11°42	21°27	11°10	11° 1	13° 6	n.a.	T 6
F 7	16 23 46	5°27'59	18°10	15°20	19°47	16°43	7°20	8°18	24° 5	11°41	21°25	11° 7	10°58	13°13	n.a.	F 7
S 8	16 27 43	6°25'07	0♓ 5	16° 6	20°44	17°17	7°19	8°25	24° 7	11°39	21°24	11° 6	10°55	13°19	n.a.	S 8
S 9	16 31 39	7°22'15	11°54	16°58	21°41	17°52	7°18	8°33	24° 8	11°38	21°23	11° 6	10°52	13°26	n.a.	S 9
M10	16 35 36	8°19'24	23°43	17°54	22°39	18°27	7°17	8°41	24°10	11°36	21°22	11° 6	10°48	13°33	n.a.	M10
T 11	16 39 33	9°16'34	5♈37	18°55	23°38	19° 2	7°17	8°49	24°11	11°34	21°21	11° 4	10°45	13°39	n.a.	T 11
W12	16 43 29	10°13'45	17°42	20° 2	24°37	19°37	7°17	8°57	24°13	11°33	21°21	11° 1	10°42	13°46	n.a.	W12
T 13	16 47 26	11°10'57	0♉ 0	21°12	25°36	20°12	7°16	9° 4	24°14	11°31	21°20	10°54	10°39	13°53	n.a.	T 13
F 14	16 51 22	12° 8'10	12°36	22°28	26°36	20°47	7°D16	9°12	24°16	11°30	21°19	10°45	10°36	13°59	n.a.	F 14
S 15	16 55 19	13° 5'23	25°31	23°48	27°35	21°23	7°16	9°20	24°18	11°28	21°18	10°34	10°32	14° 6	n.a.	S 15
S 16	16 59 15	14° 2'38	8♊46	25°13	28°36	21°58	7°17	9°28	24°20	11°26	21°17	10°22	10°29	14°13	n.a.	S 16
M17	17 3 12	14°59'53	22°17	26°42	29°36	22°34	7°17	9°36	24°22	11°25	21°16	10°10	10°26	14°19	n.a.	M17
T 18	17 7 8	15°57'09	6♋ 4	28°15	0♉37	23°10	7°18	9°43	24°24	11°23	21°16	9°59	10°23	14°26	n.a.	T 18
W19	17 11 5	16°54'26	20° 1	29°52	1°38	23°46	7°19	9°51	24°26	11°21	21°15	9°50	10°20	14°32	n.a.	W19
T 20	17 15 2	17°51'43	4♌ 5	1♊33	2°40	24°22	7°20	9°59	24°28	11°20	21°14	9°44	10°17	14°39	n.a.	T 20
F 21	17 18 58	18°49'01	18°14	3°18	3°42	24°58	7°21	10° 7	24°30	11°18	21°13	9°40	10°13	14°46	n.a.	F 21
S 22	17 22 55	19°46'20	2♍23	5° 6	4°44	25°34	7°23	10°15	24°32	11°17	21°13	9°39	10°10	14°52	n.a.	S 22
S 23	17 26 51	20°43'39	16°31	6°57	5°46	26°10	7°24	10°22	24°34	11°15	21°12	9°39	10° 7	14°59	n.a.	S 23
M24	17 30 48	21°40'59	0♎38	8°51	6°49	26°47	7°26	10°30	24°36	11°13	21°12	9°39	10° 4	15° 6	n.a.	M24
T 25	17 34 44	22°38'20	14°43	10°47	7°52	27°24	7°28	10°38	24°38	11°12	21°11	9°38	10° 1	15°12	n.a.	T 25
W26	17 38 41	23°35'42	28°43	12°46	8°55	28° 0	7°30	10°45	24°40	11°10	21°10	9°34	9°58	15°19	n.a.	W26
T 27	17 42 38	24°33'04	12♏37	14°46	9°58	28°37	7°32	10°53	24°43	11° 9	21°10	9°27	9°54	15°26	n.a.	T 27
F 28	17 46 34	25°30'27	26°24	16°48	11° 2	29°14	7°35	11° 1	24°45	11° 7	21°10	9°19	9°51	15°32	n.a.	F 28
S 29	17 50 31	26°27'52	10♐ 0	18°50	12° 6	29°51	7°38	11° 8	24°47	11° 6	21° 9	9° 8	9°48	15°39	n.a.	S 29
S 30	17 54 27	27♊25'17	23♐21	20♊54	13♉10	0♍29	7♎41	11♊16	24♌50	11♐ 4	21♎ 9	8♓56	9♓45	15♓46	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n25	25s29	4s56	11n59	4s 3	3n 5	2s50	18n 8	1n 6	1s46	1n22	21n 9	0s46	14n29	0n47	21s35	0n59	3n49	13n19	7s12	7s27	6s51		n.a.
S 2	20 37	27 53	5 1	12 9	3 57	3 24	2 52	17 57	1 5	1 46	1 22	21 10	0 46	14 28	0 47	21 35	0 59	3 49	13 18	7 17	7 28	6 48		n.a.
M 3	20 49	28 37	4 49	12 21	3 50	3 44	2 54	17 46	1 4	1 45	1 22	21 12	0 46	14 28	0 47	21 35	0 59	3 49	13 18	7 21	7 29	6 44		n.a.
T 4	21 0	27 42	4 22	12 36	3 43	4 4	2 55	17 35	1 3	1 45	1 21	21 13	0 46	14 27	0 47	21 34	0 59	3 49	13 18	7 25	7 30	6 41		n.a.
W 5	21 12	25 21	3 43	12 54	3 34	4 24	2 57	17 24	1 1	1 44	1 21	21 14	0 46	14 27	0 47	21 34	0 59	3 49	13 17	7 28	7 32	6 37		n.a.
T 6	21 22	21 51	2 54	13 13	3 25	4 45	2 58	17 12	1 0	1 44	1 21	21 16	0 46	14 26	0 47	21 34	0 59	3 49	13 17	7 29	7 33	6 34		n.a.
F 7	21 33	17 30	1 58	13 35	3 15	5 6	2 59	17 1	0 59	1 44	1 20	21 17	0 45	14 26	0 47	21 34	0 59	3 49	13 16	7 30	7 34	6 31		n.a.
S 8	21 43	12 31	0 58	13 58	3 5	5 27	3 0	16 49	0 58	1 44	1 20	21 18	0 45	14 25	0 47	21 34	0 59	3 49	13 16	7 31	7 35	6 27		n.a.
S 9	21 53	7 8	0n 4	14 24	2 53	5 48	3 0	16 37	0 57	1 44	1 20	21 20	0 45	14 25	0 47	21 33	0 59	3 49	13 16	7 31	7 36	6 24		n.a.
M10	22 2	1 31	1 6	14 51	2 42	6 9	3 1	16 25	0 56	1 43	1 19	21 21	0 45	14 24	0 47	21 33	0 59	3 49	13 15	7 31	7 38	6 20		n.a.
T 11	22 11	4n11	2 6	15 19	2 30	6 31	3 1	16 13	0 55	1 44	1 19	21 22	0 45	14 24	0 47	21 33	0 59	3 49	13 15	7 32	7 39	6 17		n.a.
W12	22 20	9 49	3 1	15 49	2 17	6 52	3 2	16 1	0 53	1 44	1 19	21 24	0 45	14 23	0 46	21 33	0 59	3 49	13 14	7 33	7 40	6 14		n.a.
T 13	22 28	15 12	3 48	16 20	2 5	7 14	3 2	15 48	0 52	1 44	1 18	21 25	0 45	14 23	0 46	21 32	0 59	3 49	13 14	7 35	7 41	6 10		n.a.
F 14	22 36	20 4	4 25	16 53	1 52	7 36	3 2	15 36	0 51	1 44	1 18	21 26	0 45	14 22	0 46	21 32	0 59	3 49	13 14	7 39	7 43	6 7		n.a.
S 15	22 43	24 8	4 50	17 26	1 39	7 57	3 2	15 23	0 50	1 44	1 18	21 28	0 45	14 21	0 46	21 32	0 59	3 49	13 13	7 43	7 44	6 3		n.a.
S 16	22 51	27 3	5 0	17 59	1 25	8 19	3 1	15 11	0 49	1 45	1 18	21 29	0 45	14 21	0 46	21 32	0 59	3 48	13 13	7 48	7 45	6 0		n.a.
M17	22 57	28 28	4 54	18 33	1 12	8 41	3 1	14 58	0 48	1 45	1 17	21 30	0 45	14 20	0 46	21 32	0 59	3 48	13 12	7 52	7 46	5 57		n.a.
T 18	23 4	28 10	4 30	19 8	0 59	9 3	3 0	14 45	0 47	1 46	1 17	21 31	0 45	14 19	0 46	21 31	0 59	3 48	13 12	7 57	7 47	5 53		n.a.
W19	23 9	26 5	3 50	19 42	0 46	9 25	3 0	14 32	0 46	1 47	1 17	21 33	0 44	14 19	0 46	21 31	0 59	3 48	13 11	8 0	7 49	5 50		n.a.
T 20	23 15	22 23	2 56	20 16	0 33	9 47	2 59	14 19	0 45	1 47	1 16	21 34	0 44	14 18	0 46	21 31	0 59	3 48	13 11	8 2	7 50	5 46		n.a.
F 21	23 20	17 21	1 51	20 49	0 20	10 9	2 58	14 5	0 44	1 48	1 16	21 35	0 44	14 17	0 46	21 31	0 59	3 48	13 10	8 4	7 51	5 43		n.a.
S 22	23 25	11 23	0 38	21 22	0 8	10 31	2 57	13 52	0 43	1 49	1 16	21 36	0 44	14 16	0 46	21 31	0 59	3 48	13 10	8 4	7 52	5 40		n.a.
S 23	23 29	4 51	0s36	21 53	0n 4	10 53	2 56	13 38	0 42	1 50	1 15	21 37	0 44	14 16	0 46	21 30	0 59	3 47	13 10	8 4	7 54	5 36		n.a.
M24	23 33	1s55	1 49	22 23	0 16	11 15	2 55	13 25	0 40	1 51	1 15	21 39	0 44	14 15	0 46	21 30	0 59	3 47	13 9	8 4	7 55	5 33		n.a.
T 25	23 36	8 33	2 54	22 51	0 27	11 37	2 53	13 11	0 39	1 52	1 15	21 40	0 44	14 14	0 46	21 30	0 59	3 47	13 9	8 5	7 56	5 29		n.a.
W26	23 39	14 44	3 49	23 18	0 37	11 59	2 52	12 57	0 38	1 53	1 14	21 41	0 44	14 13	0 46	21 30	0 59	3 47	13 8	8 6	7 57	5 26		n.a.
T 27	23 42	20 8	4 30	23 43	0 47	12 21	2 50	12 43	0 37	1 54	1 14	21 42	0 44	14 12	0 46	21 30	0 59	3 46	13 8	8 9	7 58	5 22		n.a.
F 28	23 44	24 25	4 54	24 5	0 56	12 42	2 49	12 29	0 36	1 56	1 14	21 43	0 44	14 12	0 46	21 29	0 59	3 46	13 7	8 12	8 0	5 19		n.a.
S 29	23 46	27 16	5 2	24 25	1 5	13 4	2 47	12 15	0 35	1 57	1 14	21 44	0 44	14 11	0 46	21 29	0 59	3 46	13 7	8 16	8 1	5 16		n.a.
S 30	23n47	28s31	4s52	24n42	1n12	13n25	2s45	12n 1	0n34	1s58	1n13	21n46	0s44	14n10	0n46	21s29	0n59	3n45	13n 6	8s21	8s 2	5s12		n.a.

Julian Day Number = 1366551.5, Delta T = 06h54m21s
Ecliptic obliquity = 23°48'49, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°29'21, Lahiri = -17°22'21 Julian Calendar 1 June 972 BCE == Greg. Calendar 23 May 972 BCE

The year -971 astronomical counting style corresponds to year 972 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 972 BCE
geocentric

JULY 972 BCE (-971) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 58 24	28♊22'44	6♉27	22♊58	14♉14	1♍ 6	7♎44	11♊24	24♌52	11°R 3	21°R 8	8°R45	9♓42	15♓52	n.a.	M 1
T 2	18 2 20	29°20'12	19°16	25° 2	15°19	1°43	7°47	11°31	24°55	11♐ 1	21♎ 8	8♓35	9°38	15°59	n.a.	T 2
W 3	18 6 17	0♋17'41	1♒48	27° 7	16°23	2°21	7°50	11°39	24°57	11° 0	21° 8	8°28	9°35	16° 6	n.a.	W 3
T 4	18 10 13	1°15'12	14° 4	29°10	17°28	2°59	7°54	11°46	25° 0	10°58	21° 7	8°23	9°32	16°12	n.a.	T 4
F 5	18 14 10	2°12'44	26° 6	1♋14	18°34	3°36	7°57	11°54	25° 3	10°57	21° 7	8°20	9°29	16°19	n.a.	F 5
S 6	18 18 7	3°10'17	8♓ 0	3°16	19°39	4°14	8° 1	12° 1	25° 5	10°55	21° 7	8°D19	9°26	16°25	n.a.	S 6
S 7	18 22 3	4° 7'52	19°48	5°18	20°45	4°52	8° 5	12° 9	25° 8	10°54	21° 7	8°20	9°23	16°32	n.a.	S 7
M 8	18 26 0	5° 5'29	1♈37	7°19	21°51	5°30	8° 9	12°16	25°11	10°52	21° 7	8°R20	9°19	16°39	n.a.	M 8
T 9	18 29 56	6° 3'08	13°32	9°18	22°57	6° 9	8°14	12°24	25°13	10°51	21° 6	8°20	9°16	16°45	n.a.	T 9
W10	18 33 53	7° 0'48	25°37	11°17	24° 3	6°47	8°18	12°31	25°16	10°49	21° 6	8°18	9°13	16°52	n.a.	W10
T 11	18 37 49	7°58'30	7♉59	13°14	25° 9	7°25	8°23	12°38	25°19	10°48	21° 6	8°14	9°10	16°59	n.a.	T 11
F 12	18 41 46	8°56'14	20°40	15°10	26°16	8° 4	8°28	12°46	25°22	10°46	21°D 6	8° 8	9° 7	17° 5	n.a.	F 12
S 13	18 45 42	9°54'00	3♊44	17° 4	27°23	8°42	8°33	12°53	25°25	10°45	21° 6	8° 0	9° 4	17°12	n.a.	S 13
S 14	18 49 39	10°51'47	17°12	18°57	28°30	9°21	8°38	13° 0	25°28	10°44	21° 6	7°51	9° 0	17°19	n.a.	S 14
M15	18 53 36	11°49'36	1♋ 1	20°49	29°37	10° 0	8°43	13° 7	25°31	10°42	21° 7	7°42	8°57	17°25	n.a.	M15
T 16	18 57 32	12°47'27	15° 9	22°40	0♊44	10°39	8°49	13°14	25°34	10°41	21° 7	7°33	8°54	17°32	n.a.	T 16
W17	19 1 29	13°45'20	29°31	24°29	1°51	11°18	8°54	13°22	25°37	10°40	21° 7	7°26	8°51	17°39	n.a.	W17
T 18	19 5 25	14°43'13	14♌ 1	26°17	2°59	11°57	9° 0	13°29	25°40	10°39	21° 7	7°22	8°48	17°45	n.a.	T 18
F 19	19 9 22	15°41'09	28°33	28° 3	4° 7	12°36	9° 6	13°36	25°43	10°37	21° 7	7°20	8°44	17°52	n.a.	F 19
S 20	19 13 18	16°39'06	13♍ 1	29°48	5°15	13°16	9°12	13°43	25°46	10°36	21° 8	7°D20	8°41	17°59	n.a.	S 20
S 21	19 17 15	17°37'04	27°22	1♌32	6°23	13°55	9°19	13°50	25°49	10°35	21° 8	7°21	8°38	18° 5	n.a.	S 21
M22	19 21 11	18°35'03	11♎34	3°14	7°31	14°35	9°25	13°57	25°53	10°34	21° 8	7°22	8°35	18°12	n.a.	M22
T 23	19 25 8	19°33'05	25°34	4°55	8°39	15°14	9°31	14° 3	25°56	10°32	21° 8	7°R22	8°32	18°18	n.a.	T 23
W24	19 29 5	20°31'07	9♏23	6°35	9°48	15°54	9°38	14°10	25°59	10°31	21° 9	7°20	8°29	18°25	n.a.	W24
T 25	19 33 1	21°29'11	23° 0	8°14	10°56	16°34	9°45	14°17	26° 2	10°30	21° 9	7°16	8°25	18°32	n.a.	T 25
F 26	19 36 58	22°27'17	6♐24	9°51	12° 5	17°14	9°52	14°24	26° 6	10°29	21°10	7°11	8°22	18°38	n.a.	F 26
S 27	19 40 54	23°25'25	19°36	11°27	13°14	17°54	9°59	14°31	26° 9	10°28	21°10	7° 4	8°19	18°45	n.a.	S 27
S 28	19 44 51	24°23'34	2♉35	13° 2	14°23	18°34	10° 6	14°37	26°12	10°27	21°11	6°57	8°16	18°52	n.a.	S 28
M29	19 48 47	25°21'45	15°20	14°35	15°32	19°14	10°14	14°44	26°16	10°26	21°11	6°49	8°13	18°58	n.a.	M29
T 30	19 52 44	26°19'58	27°52	16° 7	16°42	19°55	10°21	14°50	26°19	10°25	21°12	6°43	8°10	19° 5	n.a.	T 30
W31	19 56 40	27♋18'13	10♒11	17♌39	17♊51	20♍35	10♎29	14♊57	26♌23	10♐24	21♎13	6♓38	8♓ 6	19♓12	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n48	28s 7	4s28	24n57	1n19	13n46	2s43	11n46	0n33	2s 0	1n13	21n47	0s44	14n 9	0n46	21s29	0n59	3n45	13n 6	8s25	8s 3	5s 9			n.a.
T 2	23 49	26 12	3 50	25 9	1 26	14 7	2 41	11 32	0 32	2 1	1 13	21 48	0 44	14 8	0 46	21 29	0 59	3 45	13 5	8 29	8 4	5 5			n.a.
W 3	23 49	23 1	3 2	25 18	1 31	14 28	2 39	11 17	0 31	2 3	1 12	21 49	0 43	14 7	0 46	21 28	0 59	3 44	13 5	8 31	8 6	5 2			n.a.
T 4	23 48	18 52	2 6	25 24	1 36	14 48	2 37	11 2	0 30	2 5	1 12	21 50	0 43	14 6	0 46	21 28	0 59	3 44	13 4	8 33	8 7	4 58			n.a.
F 5	23 48	14 2	1 5	25 28	1 39	15 9	2 34	10 48	0 29	2 6	1 12	21 51	0 43	14 5	0 46	21 28	0 59	3 44	13 4	8 34	8 8	4 55			n.a.
S 6	23 46	8 44	0 2	25 29	1 43	15 29	2 32	10 33	0 28	2 8	1 11	21 52	0 43	14 5	0 46	21 28	0 59	3 43	13 3	8 35	8 9	4 52			n.a.
S 7	23 45	3 10	1n 1	25 27	1 45	15 49	2 30	10 18	0 27	2 10	1 11	21 53	0 43	14 4	0 46	21 28	0 59	3 43	13 3	8 35	8 11	4 48			n.a.
M 8	23 43	2n30	2 1	25 23	1 47	16 9	2 27	10 3	0 26	2 12	1 11	21 54	0 43	14 3	0 46	21 27	0 59	3 43	13 2	8 34	8 12	4 45			n.a.
T 9	23 40	8 8	2 57	25 16	1 48	16 28	2 25	9 47	0 25	2 14	1 11	21 55	0 43	14 2	0 46	21 27	0 59	3 42	13 2	8 34	8 13	4 41			n.a.
W10	23 37	13 32	3 45	25 7	1 48	16 47	2 22	9 32	0 24	2 16	1 10	21 56	0 43	14 1	0 46	21 27	0 59	3 42	13 1	8 35	8 14	4 38			n.a.
T 11	23 34	18 32	4 24	24 56	1 48	17 6	2 19	9 17	0 23	2 18	1 10	21 57	0 43	14 0	0 45	21 27	0 58	3 41	13 1	8 37	8 15	4 35			n.a.
F 12	23 30	22 52	4 51	24 43	1 47	17 25	2 16	9 1	0 22	2 20	1 10	21 58	0 43	13 59	0 45	21 27	0 58	3 41	13 0	8 39	8 17	4 31			n.a.
S 13	23 26	26 12	5 4	24 27	1 46	17 43	2 14	8 46	0 21	2 23	1 9	21 59	0 43	13 58	0 45	21 27	0 58	3 40	13 0	8 42	8 18	4 28			n.a.
S 14	23 22	28 11	5 1	24 10	1 44	18 1	2 11	8 30	0 20	2 25	1 9	22 0	0 43	13 57	0 45	21 26	0 58	3 40	12 59	8 45	8 19	4 24			n.a.
M15	23 17	28 29	4 41	23 51	1 42	18 18	2 8	8 14	0 19	2 27	1 9	22 1	0 43	13 56	0 45	21 26	0 58	3 39	12 59	8 49	8 20	4 21			n.a.
T 16	23 11	26 57	4 3	23 30	1 39	18 35	2 5	7 58	0 19	2 30	1 9	22 2	0 43	13 54	0 45	21 26	0 58	3 39	12 58	8 52	8 21	4 17			n.a.
W17	23 5	23 38	3 9	23 8	1 36	18 52	2 2	7 42	0 18	2 32	1 8	22 3	0 43	13 53	0 45	21 26	0 58	3 38	12 58	8 55	8 23	4 14			n.a.
T 18	22 59	18 49	2 2	22 44	1 32	19 9	1 59	7 26	0 17	2 35	1 8	22 4	0 43	13 52	0 45	21 26	0 58	3 38	12 57	8 56	8 24	4 11			n.a.
F 19	22 52	12 54	0 47	22 19	1 28	19 25	1 56	7 10	0 16	2 38	1 8	22 5	0 43	13 51	0 45	21 26	0 58	3 37	12 57	8 57	8 25	4 7			n.a.
S 20	22 45	6 18	0s31	21 52	1 23	19 40	1 52	6 54	0 15	2 40	1 8	22 6	0 43	13 50	0 45	21 26	0 58	3 37	12 56	8 57	8 26	4 4			n.a.
S 21	22 38	0s33	1 46	21 24	1 19	19 55	1 49	6 38	0 14	2 43	1 7	22 7	0 42	13 49	0 45	21 25	0 58	3 36	12 55	8 57	8 27	4 0			n.a.
M22	22 30	7 18	2 54	20 56	1 13	20 10	1 46	6 22	0 13	2 46	1 7	22 8	0 42	13 48	0 45	21 25	0 58	3 35	12 55	8 57	8 29	3 57			n.a.
T 23	22 22	13 36	3 51	20 26	1 8	20 24	1 43	6 5	0 12	2 49	1 7	22 9	0 42	13 47	0 45	21 25	0 58	3 35	12 54	8 57	8 30	3 53			n.a.
W24	22 13	19 9	4 33	19 55	1 2	20 38	1 39	5 49	0 11	2 52	1 6	22 9	0 42	13 46	0 45	21 25	0 58	3 34	12 54	8 57	8 31	3 50			n.a.
T 25	22 4	23 37	4 59	19 24	0 56	20 51	1 36	5 32	0 10	2 54	1 6	22 10	0 42	13 44	0 45	21 25	0 58	3 33	12 53	8 58	8 32	3 46			n.a.
F 26	21 55	26 47	5 9	18 51	0 50	21 4	1 33	5 16	0 9	2 58	1 6	22 11	0 42	13 43	0 45	21 25	0 58	3 33	12 53	9 1	8 34	3 43			n.a.
S 27	21 45	28 24	5 1	18 18	0 43	21 16	1 29	4 59	0 8	3 1	1 6	22 12	0 42	13 42	0 45	21 25	0 58	3 32	12 52	9 3	8 35	3 40			n.a.
S 28	21 34	28 26	4 39	17 45	0 36	21 28	1 26	4 42	0 7	3 4	1 5	22 13	0 42	13 41	0 45	21 24	0 58	3 31	12 52	9 6	8 36	3 36			n.a.
M29	21 24	26 56	4 2	17 11	0 29	21 39	1 22	4 25	0 7	3 7	1 5	22 14	0 42	13 40	0 45	21 24	0 58	3 31	12 51	9 9	8 37	3 33			n.a.
T 30	21 13	24 5	3 15	16 36	0 22	21 50	1 19	4 9	0 6	3 10	1 5	22 14	0 42	13 39	0 45	21 24	0 58	3 30	12 51	9 11	8 38	3 29			n.a.
W31	21n 1	20s11	2s19	16n 1	0n15	22n 0	1s15	3n52	0n 5	3s13	1n 5	22n15	0s42	13n37	0n45	21s24	0n58	3n29	12n50	9s13	8s40	3s26			n.a.

Julian Day Number = 1366581.5, Delta T = 06h54m20s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°29'17, Lahiri = -17°22'17 Julian Calendar 1 July 972 BCE == Greg. Calendar 22 June 972 BCE

The year -971 astronomical counting style corresponds to year 972 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 972 BCE
geocentric

AUGUST 972 BCE (-971) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 0 37	28♋16'29	22♒18	19♌ 8	19♊ 1	21♍15	10♎36	15♊ 3	26♌26	10°R23	21♎13	6°R35	8♓ 3	19♓18	n.a.	T 1
F 2	20 4 34	29°14'48	4♓15	20°37	20°10	21°56	10°44	15°10	26°30	10♐22	21°14	6°D34	8° 0	19°25	n.a.	F 2
S 3	20 8 30	0♌13'09	16° 6	22° 4	21°20	22°37	10°52	15°16	26°33	10°21	21°15	6♓35	7°57	19°32	n.a.	S 3
S 4	20 12 27	1°11'31	27°53	23°30	22°30	23°17	11° 1	15°22	26°37	10°20	21°15	6°36	7°54	19°38	n.a.	S 4
M 5	20 16 23	2° 9'57	9♈42	24°55	23°40	23°58	11° 9	15°28	26°40	10°19	21°16	6°38	7°50	19°45	n.a.	M 5
T 6	20 20 20	3° 8'24	21°36	26°18	24°51	24°39	11°17	15°34	26°44	10°19	21°17	6°39	7°47	19°52	n.a.	T 6
W 7	20 24 16	4° 6'54	3♉40	27°40	26° 1	25°20	11°26	15°41	26°47	10°18	21°18	6°R40	7°44	19°58	n.a.	W 7
T 8	20 28 13	5° 5'26	16° 0	29° 1	27°11	26° 1	11°34	15°47	26°51	10°17	21°19	6°39	7°41	20° 5	n.a.	T 8
F 9	20 32 9	6° 4'00	28°41	0♍20	28°22	26°42	11°43	15°52	26°54	10°16	21°20	6°37	7°38	20°12	n.a.	F 9
S 10	20 36 6	7° 2'37	11♊45	1°38	29°33	27°24	11°52	15°58	26°58	10°15	21°21	6°34	7°35	20°18	n.a.	S 10
S 11	20 40 3	8° 1'16	25°15	2°54	0♋44	28° 5	12° 1	16° 4	27° 2	10°15	21°22	6°30	7°31	20°25	n.a.	S 11
M12	20 43 59	8°59'58	9♋11	4° 9	1°54	28°46	12°10	16°10	27° 5	10°14	21°23	6°26	7°28	20°31	n.a.	M12
T 13	20 47 56	9°58'41	23°31	5°22	3° 5	29°28	12°19	16°16	27° 9	10°14	21°24	6°22	7°25	20°38	n.a.	T 13
W14	20 51 52	10°57'27	8♌ 9	6°33	4°17	0♎10	12°29	16°21	27°13	10°13	21°25	6°19	7°22	20°45	n.a.	W14
T 15	20 55 49	11°56'15	23° 1	7°43	5°28	0°51	12°38	16°27	27°16	10°12	21°26	6°18	7°19	20°51	n.a.	T 15
F 16	20 59 45	12°55'05	7♍56	8°50	6°39	1°33	12°48	16°32	27°20	10°12	21°27	6°D17	7°16	20°58	n.a.	F 16
S 17	21 3 42	13°53'57	22°48	9°55	7°51	2°15	12°57	16°38	27°24	10°11	21°28	6°18	7°12	21° 5	n.a.	S 17
S 18	21 7 38	14°52'51	7♎30	10°58	9° 2	2°57	13° 7	16°43	27°28	10°11	21°29	6°19	7° 9	21°11	n.a.	S 18
M19	21 11 35	15°51'46	21°57	11°59	10°14	3°39	13°17	16°48	27°31	10°10	21°31	6°20	7° 6	21°18	n.a.	M19
T 20	21 15 31	16°50'44	6♏ 5	12°57	11°26	4°21	13°27	16°53	27°35	10°10	21°32	6°21	7° 3	21°25	n.a.	T 20
W21	21 19 28	17°49'44	19°53	13°53	12°37	5° 3	13°37	16°58	27°39	10°10	21°33	6°R22	7° 0	21°31	n.a.	W21
T 22	21 23 25	18°48'45	3♐23	14°45	13°49	5°46	13°47	17° 4	27°43	10° 9	21°35	6°21	6°56	21°38	n.a.	T 22
F 23	21 27 21	19°47'48	16°34	15°34	15° 1	6°28	13°57	17° 8	27°46	10° 9	21°36	6°20	6°53	21°45	n.a.	F 23
S 24	21 31 18	20°46'54	29°28	16°20	16°13	7°11	14° 8	17°13	27°50	10° 9	21°37	6°18	6°50	21°51	n.a.	S 24
S 25	21 35 14	21°46'01	12♑ 7	17° 1	17°26	7°53	14°18	17°18	27°54	10° 8	21°39	6°16	6°47	21°58	n.a.	S 25
M26	21 39 11	22°45'10	24°34	17°39	18°38	8°36	14°29	17°23	27°58	10° 8	21°40	6°14	6°44	22° 5	n.a.	M26
T 27	21 43 7	23°44'22	6♒49	18°12	19°50	9°18	14°39	17°27	28° 2	10° 8	21°42	6°12	6°41	22°11	n.a.	T 27
W28	21 47 4	24°43'35	18°55	18°40	21° 3	10° 1	14°50	17°32	28° 5	10° 8	21°43	6°11	6°37	22°18	n.a.	W28
T 29	21 51 0	25°42'50	0♓53	19° 3	22°15	10°44	15° 1	17°36	28° 9	10° 8	21°45	6°D10	6°34	22°25	n.a.	T 29
F 30	21 54 57	26°42'08	12°45	19°20	23°28	11°27	15°12	17°41	28°13	10° 8	21°46	6°10	6°31	22°31	n.a.	F 30
S 31	21 58 54	27♌41'28	24♓33	19♍31	24♋41	12♎10	15♎23	17♊45	28♌17	10♐ 8	21♎48	6♓11	6♓28	22♓38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20n50	15s30	1s17	15n26	0n 7	22n10	1s12	3n35	0n 4	3s17	1n 4	22n16	0s42	13n36	0n45	21s24	0n58	3n29	12n50	9s14	8s41	3s22			n.a.
F 2	20 38	10 18	0 13	14 50	0s 0	22 19	1 8	3 18	0 3	3 20	1 4	22 17	0 42	13 35	0 45	21 24	0 58	3 28	12 49	9 14	8 42	3 19			n.a.
S 3	20 25	4 46	0n52	14 14	0 8	22 27	1 5	3 1	0 2	3 23	1 4	22 17	0 42	13 34	0 45	21 24	0 58	3 27	12 49	9 14	8 43	3 16			n.a.
S 4	20 12	0n53	1 54	13 38	0 16	22 35	1 1	2 43	0 1	3 27	1 4	22 18	0 42	13 32	0 45	21 24	0 58	3 26	12 48	9 14	8 44	3 12			n.a.
M 5	19 59	6 31	2 51	13 2	0 24	22 42	0 58	2 26	0 0	3 30	1 3	22 19	0 42	13 31	0 45	21 24	0 58	3 26	12 48	9 13	8 46	3 9			n.a.
T 6	19 46	11 58	3 42	12 26	0 32	22 49	0 54	2 9	0s 0	3 34	1 3	22 20	0 42	13 30	0 45	21 24	0 58	3 25	12 47	9 12	8 47	3 5			n.a.
W 7	19 32	17 3	4 23	11 50	0 41	22 55	0 51	1 52	0 1	3 38	1 3	22 20	0 42	13 29	0 45	21 23	0 58	3 24	12 47	9 12	8 48	3 2			n.a.
T 8	19 17	21 33	4 53	11 14	0 49	23 0	0 47	1 34	0 2	3 41	1 3	22 21	0 42	13 27	0 45	21 23	0 58	3 23	12 46	9 12	8 49	2 58			n.a.
F 9	19 3	25 13	5 10	10 38	0 57	23 5	0 43	1 17	0 3	3 45	1 2	22 22	0 42	13 26	0 45	21 23	0 58	3 23	12 46	9 13	8 50	2 55			n.a.
S 10	18 48	27 42	5 12	10 2	1 6	23 9	0 40	1 0	0 4	3 49	1 2	22 22	0 42	13 25	0 45	21 23	0 57	3 22	12 45	9 14	8 52	2 51			n.a.
S 11	18 33	28 40	4 57	9 27	1 14	23 12	0 36	0 42	0 5	3 52	1 2	22 23	0 42	13 24	0 45	21 23	0 57	3 21	12 45	9 16	8 53	2 48			n.a.
M12	18 17	27 53	4 24	8 51	1 23	23 15	0 33	0 25	0 6	3 56	1 2	22 24	0 42	13 22	0 45	21 23	0 57	3 20	12 44	9 17	8 54	2 45			n.a.
T 13	18 1	25 14	3 34	8 17	1 31	23 17	0 29	0 7	0 6	4 0	1 2	22 24	0 42	13 21	0 45	21 23	0 57	3 19	12 44	9 19	8 55	2 41			n.a.
W14	17 45	20 54	2 29	7 42	1 40	23 19	0 26	0s11	0 7	4 4	1 1	22 25	0 41	13 20	0 45	21 23	0 57	3 18	12 43	9 20	8 56	2 38			n.a.
T 15	17 29	15 12	1 13	7 9	1 48	23 19	0 22	0 28	0 8	4 8	1 1	22 25	0 41	13 18	0 45	21 23	0 57	3 18	12 43	9 21	8 58	2 34			n.a.
F 16	17 12	8 35	0s 9	6 35	1 56	23 20	0 19	0 46	0 9	4 12	1 1	22 26	0 41	13 17	0 45	21 23	0 57	3 17	12 42	9 21	8 59	2 31			n.a.
S 17	16 55	1 32	1 30	6 3	2 5	23 19	0 16	1 3	0 10	4 16	1 1	22 27	0 41	13 16	0 45	21 23	0 57	3 16	12 42	9 20	9 0	2 27			n.a.
S 18	16 37	5s31	2 44	5 31	2 13	23 18	0 12	1 21	0 11	4 20	1 0	22 27	0 41	13 15	0 45	21 23	0 57	3 15	12 42	9 20	9 1	2 24			n.a.
M19	16 20	12 10	3 46	5 1	2 21	23 16	0 9	1 39	0 11	4 24	1 0	22 28	0 41	13 13	0 45	21 23	0 57	3 14	12 41	9 20	9 2	2 20			n.a.
T 20	16 2	18 2	4 33	4 31	2 29	23 13	0 6	1 56	0 12	4 28	1 0	22 28	0 41	13 12	0 45	21 23	0 57	3 13	12 41	9 19	9 4	2 17			n.a.
W21	15 44	22 50	5 3	4 2	2 36	23 10	0 2	2 14	0 13	4 32	1 0	22 29	0 41	13 11	0 45	21 23	0 57	3 12	12 40	9 19	9 5	2 14			n.a.
T 22	15 25	26 19	5 16	3 35	2 44	23 6	0n 1	2 32	0 14	4 36	1 0	22 29	0 41	13 9	0 45	21 23	0 57	3 11	12 40	9 19	9 6	2 10			n.a.
F 23	15 6	28 17	5 11	3 9	2 51	23 1	0 4	2 50	0 14	4 41	0 59	22 30	0 41	13 8	0 45	21 23	0 57	3 11	12 39	9 20	9 7	2 7			n.a.
S 24	14 47	28 39	4 51	2 45	2 58	22 56	0 8	3 7	0 15	4 45	0 59	22 30	0 41	13 7	0 45	21 23	0 57	3 10	12 39	9 20	9 8	2 3			n.a.
S 25	14 28	27 30	4 16	2 23	3 4	22 50	0 11	3 25	0 16	4 49	0 59	22 31	0 41	13 5	0 45	21 23	0 57	3 9	12 38	9 21	9 10	2 0			n.a.
M26	14 9	25 0	3 31	2 2	3 10	22 43	0 14	3 43	0 17	4 54	0 59	22 31	0 41	13 4	0 45	21 23	0 57	3 8	12 38	9 22	9 11	1 56			n.a.
T 27	13 49	21 22	2 36	1 44	3 16	22 36	0 17	4 1	0 18	4 58	0 59	22 32	0 41	13 3	0 45	21 23	0 57	3 7	12 37	9 23	9 12	1 53			n.a.
W28	13 29	16 53	1 34	1 29	3 21	22 28	0 20	4 19	0 18	5 2	0 58	22 32	0 41	13 1	0 45	21 23	0 57	3 6	12 37	9 23	9 13	1 49			n.a.
T 29	13 9	11 47	0 29	1 16	3 25	22 19	0 23	4 36	0 19	5 7	0 58	22 33	0 41	13 0	0 45	21 23	0 57	3 5	12 37	9 23	9 14	1 46			n.a.
F 30	12 48	6 19	0n36	1 6	3 29	22 10	0 26	4 54	0 20	5 11	0 58	22 33	0 41	12 59	0 45	21 23	0 57	3 4	12 36	9 23	9 15	1 43			n.a.
S 31	12n28	0s40	1n40	0n59	3s31	22n 0	0n29	5s12	0s21	5s16	0n58	22n34	0s41	12n57	0n45	21s23	0n57	3n 3	12n36	9s23	9s17	1s39			n.a.

Julian Day Number = 1366612.5, Delta T = 06h54m18s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°29'13, Lahiri = -17°22'12 Julian Calendar 1 Aug. 972 BCE == Greg. Calendar 23 July 972 BCE

The year -971 astronomical counting style corresponds to year 972 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 972 BCE
geocentric

SEPTEMBER 972 BCE (-971) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 2 50	28♌40'50	6♈20	19°R35	25♋53	12♎53	15♎34	17♊49	28♌21	10°D 8	21♎49	6♓11	6♓25	22♓44	n.a.	S 1
M 2	22 6 47	29°40'14	18°10	19♍32	27° 6	13°36	15°45	17°53	28°24	10♐ 8	21°51	6°12	6°22	22°51	n.a.	M 2
T 3	22 10 43	0♍39'41	0♉ 5	19°21	28°19	14°19	15°56	17°57	28°28	10° 8	21°53	6°13	6°18	22°58	n.a.	T 3
W 4	22 14 40	1°39'10	12° 9	19° 2	29°32	15° 3	16° 8	18° 1	28°32	10° 8	21°54	6°13	6°15	23° 4	n.a.	W 4
T 5	22 18 36	2°38'42	24°27	18°36	0♌45	15°46	16°19	18° 5	28°36	10° 8	21°56	6°13	6°12	23°11	n.a.	T 5
F 6	22 22 33	3°38'16	7♊ 3	18° 0	1°59	16°30	16°31	18° 9	28°40	10° 8	21°58	6°R13	6° 9	23°18	n.a.	F 6
S 7	22 26 29	4°37'53	20° 1	17°17	3°12	17°13	16°42	18°12	28°43	10° 8	22° 0	6°13	6° 6	23°24	n.a.	S 7
S 8	22 30 26	5°37'32	3♋24	16°26	4°25	17°57	16°54	18°16	28°47	10° 8	22° 1	6°13	6° 2	23°31	n.a.	S 8
M 9	22 34 23	6°37'14	17°15	15°27	5°39	18°40	17° 5	18°19	28°51	10° 9	22° 3	6°D13	5°59	23°38	n.a.	M 9
T 10	22 38 19	7°36'58	1♌32	14°23	6°52	19°24	17°17	18°23	28°55	10° 9	22° 5	6°13	5°56	23°44	n.a.	T 10
W11	22 42 16	8°36'44	16°12	13°13	8° 6	20° 8	17°29	18°26	28°59	10° 9	22° 7	6°14	5°53	23°51	n.a.	W11
T 12	22 46 12	9°36'33	1♍12	12° 0	9°19	20°52	17°41	18°29	29° 2	10°10	22° 9	6°R14	5°50	23°58	n.a.	T 12
F 13	22 50 9	10°36'23	16°22	10°45	10°33	21°36	17°53	18°32	29° 6	10°10	22°11	6°14	5°47	24° 4	n.a.	F 13
S 14	22 54 5	11°36'16	1♎32	9°32	11°47	22°20	18° 5	18°35	29°10	10°10	22°12	6°13	5°43	24°11	n.a.	S 14
S 15	22 58 2	12°36'10	16°35	8°21	13° 1	23° 4	18°17	18°38	29°14	10°11	22°14	6°13	5°40	24°18	n.a.	S 15
M16	23 1 58	13°36'07	1♏21	7°15	14°15	23°48	18°29	18°41	29°17	10°11	22°16	6°12	5°37	24°24	n.a.	M16
T 17	23 5 55	14°36'05	15°44	6°17	15°29	24°32	18°42	18°43	29°21	10°12	22°18	6°11	5°34	24°31	n.a.	T 17
W18	23 9 51	15°36'06	29°43	5°27	16°43	25°17	18°54	18°46	29°25	10°12	22°20	6°10	5°31	24°38	n.a.	W18
T 19	23 13 48	16°36'08	13♐15	4°47	17°57	26° 1	19° 6	18°48	29°28	10°13	22°22	6°D10	5°28	24°44	n.a.	T 19
F 20	23 17 45	17°36'11	26°23	4°18	19°11	26°46	19°19	18°50	29°32	10°14	22°24	6°10	5°24	24°51	n.a.	F 20
S 21	23 21 41	18°36'17	9♑ 9	4° 1	20°25	27°30	19°31	18°53	29°36	10°14	22°26	6°11	5°21	24°58	n.a.	S 21
S 22	23 25 38	19°36'24	21°37	3°D55	21°39	28°15	19°44	18°55	29°39	10°15	22°28	6°12	5°18	25° 4	n.a.	S 22
M23	23 29 34	20°36'33	3♒51	4° 0	22°54	28°59	19°56	18°57	29°43	10°16	22°31	6°13	5°15	25°11	n.a.	M23
T 24	23 33 31	21°36'44	15°54	4°16	24° 8	29°44	20° 9	18°59	29°47	10°16	22°33	6°14	5°12	25°18	n.a.	T 24
W25	23 37 27	22°36'56	27°50	4°42	25°22	0♏29	20°22	19° 0	29°50	10°17	22°35	6°15	5° 8	25°24	n.a.	W25
T 26	23 41 24	23°37'10	9♓40	5°18	26°37	1°13	20°34	19° 2	29°54	10°18	22°37	6°R15	5° 5	25°31	n.a.	T 26
F 27	23 45 20	24°37'26	21°29	6° 2	27°51	1°58	20°47	19° 4	29°57	10°19	22°39	6°15	5° 2	25°37	n.a.	F 27
S 28	23 49 17	25°37'44	3♈17	6°54	29° 6	2°43	21° 0	19° 5	0♍ 1	10°20	22°41	6°13	4°59	25°44	n.a.	S 28
S 29	23 53 13	26°38'04	15° 7	7°52	0♍20	3°28	21°13	19° 6	0° 4	10°21	22°43	6°10	4°56	25°51	n.a.	S 29
M30	23 57 10	27♍38'26	27♈ 2	8♍57	1♍35	4♏13	21♎26	19♊ 8	0♍ 8	10♐22	22♎46	6♓ 7	4♓53	25♓57	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n 7	5n 0	2n40	0n56	3s33	21n49	0n32	5s30	0s21	5s20	0n58	22n34	0s41	12n56	0n45	21s23	0n57	3n 2	12n35	9s23	9s18	1s36		n.a.
M 2	11 46	10 30	3 33	0 57	3 34	21 38	0 35	5 47	0 22	5 25	0 58	22 34	0 41	12 55	0 45	21 23	0 57	3 1	12 35	9 23	9 19	1 32		n.a.
T 3	11 25	15 40	4 17	1 1	3 33	21 26	0 38	6 5	0 23	5 29	0 57	22 35	0 41	12 53	0 45	21 23	0 56	3 0	12 35	9 22	9 20	1 29		n.a.
W 4	11 3	20 19	4 50	1 11	3 31	21 13	0 40	6 23	0 24	5 34	0 57	22 35	0 41	12 52	0 45	21 23	0 56	2 59	12 34	9 22	9 21	1 25		n.a.
T 5	10 42	24 12	5 11	1 25	3 27	21 0	0 43	6 40	0 24	5 38	0 57	22 35	0 41	12 51	0 45	21 23	0 56	2 58	12 34	9 22	9 23	1 22		n.a.
F 6	10 20	27 3	5 18	1 43	3 22	20 46	0 46	6 58	0 25	5 43	0 57	22 36	0 41	12 49	0 45	21 23	0 56	2 57	12 33	9 22	9 24	1 19		n.a.
S 7	9 58	28 34	5 9	2 7	3 15	20 32	0 48	7 16	0 26	5 48	0 57	22 36	0 41	12 48	0 45	21 23	0 56	2 56	12 33	9 22	9 25	1 15		n.a.
S 8	9 36	28 29	4 43	2 35	3 6	20 16	0 51	7 33	0 26	5 52	0 56	22 37	0 41	12 47	0 45	21 23	0 56	2 55	12 33	9 22	9 26	1 12		n.a.
M 9	9 13	26 39	4 0	3 9	2 55	20 1	0 53	7 51	0 27	5 57	0 56	22 37	0 41	12 45	0 45	21 24	0 56	2 54	12 32	9 22	9 27	1 8		n.a.
T 10	8 51	23 4	3 1	3 46	2 42	19 44	0 56	8 8	0 28	6 2	0 56	22 37	0 41	12 44	0 45	21 24	0 56	2 53	12 32	9 22	9 29	1 5		n.a.
W11	8 28	17 57	1 49	4 27	2 27	19 27	0 58	8 26	0 29	6 7	0 56	22 37	0 41	12 43	0 45	21 24	0 56	2 52	12 31	9 22	9 30	1 1		n.a.
T 12	8 5	11 39	0 28	5 10	2 10	19 10	1 0	8 43	0 29	6 11	0 56	22 38	0 41	12 41	0 45	21 24	0 56	2 51	12 31	9 22	9 31	0 58		n.a.
F 13	7 42	4 36	0s56	5 55	1 52	18 52	1 2	9 1	0 30	6 16	0 56	22 38	0 41	12 40	0 45	21 24	0 56	2 50	12 31	9 22	9 32	0 54		n.a.
S 14	7 19	2s42	2 16	6 41	1 33	18 33	1 4	9 18	0 31	6 21	0 55	22 38	0 41	12 39	0 45	21 24	0 56	2 49	12 30	9 22	9 33	0 51		n.a.
S 15	6 56	9 47	3 26	7 27	1 12	18 14	1 7	9 35	0 31	6 26	0 55	22 39	0 41	12 37	0 45	21 24	0 56	2 48	12 30	9 22	9 35	0 48		n.a.
M16	6 33	16 11	4 21	8 11	0 52	17 54	1 9	9 52	0 32	6 31	0 55	22 39	0 41	12 36	0 45	21 24	0 56	2 47	12 30	9 23	9 36	0 44		n.a.
T 17	6 9	21 32	4 57	8 52	0 32	17 34	1 10	10 10	0 33	6 35	0 55	22 39	0 41	12 35	0 45	21 24	0 56	2 46	12 29	9 23	9 37	0 41		n.a.
W18	5 46	25 32	5 15	9 29	0 11	17 13	1 12	10 27	0 33	6 40	0 55	22 39	0 41	12 33	0 45	21 24	0 56	2 45	12 29	9 23	9 38	0 37		n.a.
T 19	5 22	27 57	5 15	10 1	0n 8	16 52	1 14	10 44	0 34	6 45	0 55	22 40	0 41	12 32	0 45	21 25	0 56	2 44	12 29	9 23	9 39	0 34		n.a.
F 20	4 58	28 44	4 58	10 29	0 26	16 30	1 16	11 1	0 35	6 50	0 55	22 40	0 41	12 31	0 45	21 25	0 56	2 43	12 28	9 23	9 40	0 30		n.a.
S 21	4 35	27 55	4 26	10 51	0 43	16 8	1 18	11 18	0 35	6 55	0 54	22 40	0 41	12 29	0 45	21 25	0 56	2 42	12 28	9 23	9 42	0 27		n.a.
S 22	4 11	25 43	3 43	11 8	0 58	15 45	1 19	11 34	0 36	7 0	0 54	22 40	0 41	12 28	0 45	21 25	0 56	2 41	12 28	9 23	9 43	0 23		n.a.
M23	3 47	22 21	2 50	11 19	1 12	15 22	1 21	11 51	0 37	7 5	0 54	22 40	0 40	12 27	0 45	21 25	0 56	2 40	12 28	9 22	9 44	0 20		n.a.
T 24	3 23	18 4	1 50	11 24	1 24	14 58	1 22	12 8	0 37	7 10	0 54	22 41	0 40	12 26	0 45	21 25	0 56	2 39	12 27	9 22	9 45	0 17		n.a.
W25	2 58	13 9	0 47	11 24	1 35	14 34	1 23	12 24	0 38	7 15	0 54	22 41	0 40	12 24	0 45	21 25	0 56	2 38	12 27	9 21	9 46	0 13		n.a.
T 26	2 34	7 46	0n19	11 19	1 44	14 10	1 25	12 41	0 38	7 20	0 54	22 41	0 40	12 23	0 45	21 26	0 55	2 37	12 27	9 21	9 48	0 10		n.a.
F 27	2 10	2 10	1 23	11 10	1 52	13 45	1 26	12 57	0 39	7 25	0 54	22 41	0 40	12 22	0 45	21 26	0 55	2 36	12 26	9 22	9 49	0 6		n.a.
S 28	1 46	3n31	2 24	10 56	1 58	13 20	1 27	13 14	0 40	7 30	0 53	22 41	0 40	12 21	0 45	21 26	0 55	2 35	12 26	9 22	9 50	0 3		n.a.
S 29	1 22	9 5	3 18	10 38	2 2	12 54	1 28	13 30	0 40	7 35	0 53	22 41	0 40	12 19	0 45	21 26	0 55	2 33	12 26	9 23	9 51	0n 1		n.a.
M30	0n57	14n22	4n 5	10n17	2n 6	12n28	1n29	13s46	0s41	7s40	0n53	22n41	0s40	12n18	0n45	21s26	0n55	2n32	12n26	9s25	9s52	0n 4		n.a.

Julian Day Number = 1366643.5, Delta T = 06h54m16s
Ecliptic obliquity = 23°48'49, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°29'09, Lahiri = -17°22'08 Julian Calendar 1 Sept. 972 BCE == Greg. Calendar 23 Aug. 972 BCE

The year -971 astronomical counting style corresponds to year 972 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 972 BCE
geocentric

OCTOBER 972 BCE (-971) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 1 7	28♍38'50	9♉ 2	10♍ 6	2♍49	4♏58	21♎39	19♊ 9	0♍11	10♐23	22♎48	6°R 3	4♓49	26♓ 4	n.a.	T 1
W 2	0 5 3	29°39'15	21°11	11°20	4° 4	5°44	21°52	19°10	0°15	10°24	22°50	5♓59	4°46	26°11	n.a.	W 2
T 3	0 9 0	0♎39'43	3♊32	12°38	5°19	6°29	22° 5	19°11	0°18	10°25	22°52	5°56	4°43	26°17	n.a.	T 3
F 4	0 12 56	1°40'13	16° 7	13°59	6°34	7°14	22°18	19°11	0°22	10°26	22°54	5°54	4°40	26°24	n.a.	F 4
S 5	0 16 53	2°40'45	29° 0	15°23	7°49	7°59	22°31	19°12	0°25	10°27	22°57	5°D53	4°37	26°31	n.a.	S 5
S 6	0 20 49	3°41'19	12♋15	16°49	9° 3	8°45	22°44	19°13	0°28	10°28	22°59	5°53	4°33	26°37	n.a.	S 6
M 7	0 24 46	4°41'55	25°52	18°17	10°18	9°30	22°57	19°13	0°32	10°29	23° 1	5°54	4°30	26°44	n.a.	M 7
T 8	0 28 42	5°42'33	9♌56	19°46	11°33	10°16	23°10	19°13	0°35	10°30	23° 4	5°56	4°27	26°51	n.a.	T 8
W 9	0 32 39	6°43'13	24°24	21°17	12°48	11° 1	23°24	19°14	0°38	10°31	23° 6	5°57	4°24	26°57	n.a.	W 9
T 10	0 36 36	7°43'54	9♍14	22°49	14° 3	11°47	23°37	19°R14	0°42	10°33	23° 8	5°R57	4°21	27° 4	n.a.	T 10
F 11	0 40 32	8°44'37	24°20	24°21	15°18	12°33	23°50	19°14	0°45	10°34	23°11	5°56	4°18	27°11	n.a.	F 11
S 12	0 44 29	9°45'22	9♎33	25°55	16°33	13°18	24° 4	19°14	0°48	10°35	23°13	5°53	4°14	27°17	n.a.	S 12
S 13	0 48 25	10°46'08	24°45	27°28	17°49	14° 4	24°17	19°13	0°51	10°37	23°15	5°49	4°11	27°24	n.a.	S 13
M14	0 52 22	11°46'56	9♏44	29° 2	19° 4	14°50	24°30	19°13	0°54	10°38	23°17	5°43	4° 8	27°31	n.a.	M14
T 15	0 56 18	12°47'46	24°21	0♎37	20°19	15°36	24°44	19°12	0°57	10°39	23°20	5°38	4° 5	27°37	n.a.	T 15
W16	1 0 15	13°48'36	8♐33	2°12	21°34	16°22	24°57	19°12	1° 0	10°41	23°22	5°32	4° 2	27°44	n.a.	W16
T 17	1 4 11	14°49'28	22°14	3°46	22°49	17° 8	25°11	19°11	1° 3	10°42	23°25	5°28	3°59	27°51	n.a.	T 17
F 18	1 8 8	15°50'21	5♑28	5°21	24° 4	17°54	25°24	19°10	1° 6	10°44	23°27	5°26	3°55	27°57	n.a.	F 18
S 19	1 12 5	16°51'14	18°15	6°56	25°20	18°40	25°38	19° 9	1° 9	10°45	23°29	5°D26	3°52	28° 4	n.a.	S 19
S 20	1 16 1	17°52'09	0♒41	8°31	26°35	19°26	25°51	19° 8	1°12	10°47	23°32	5°26	3°49	28°11	n.a.	S 20
M21	1 19 58	18°53'05	12°50	10° 6	27°50	20°12	26° 5	19° 7	1°15	10°48	23°34	5°28	3°46	28°17	n.a.	M21
T 22	1 23 54	19°54'02	24°47	11°41	29° 6	20°58	26°18	19° 6	1°18	10°50	23°36	5°29	3°43	28°24	n.a.	T 22
W23	1 27 51	20°55'00	6♓37	13°15	0♎21	21°45	26°32	19° 5	1°21	10°51	23°39	5°R30	3°39	28°31	n.a.	W23
T 24	1 31 47	21°55'58	18°24	14°50	1°36	22°31	26°45	19° 3	1°24	10°53	23°41	5°29	3°36	28°37	n.a.	T 24
F 25	1 35 44	22°56'58	0♈12	16°25	2°52	23°17	26°59	19° 1	1°26	10°55	23°44	5°26	3°33	28°44	n.a.	F 25
S 26	1 39 40	23°57'59	12° 3	17°59	4° 7	24° 4	27°12	19° 0	1°29	10°56	23°46	5°20	3°30	28°51	n.a.	S 26
S 27	1 43 37	24°59'00	23°59	19°34	5°22	24°50	27°26	18°58	1°32	10°58	23°48	5°12	3°27	28°57	n.a.	S 27
M28	1 47 34	26° 0'03	6♉ 3	21° 8	6°38	25°37	27°40	18°56	1°34	11° 0	23°51	5° 3	3°24	29° 4	n.a.	M28
T 29	1 51 30	27° 1'07	18°15	22°43	7°53	26°23	27°53	18°54	1°37	11° 2	23°53	4°52	3°20	29°10	n.a.	T 29
W30	1 55 27	28° 2'12	0♊36	24°17	9° 8	27°10	28° 7	18°52	1°39	11° 3	23°55	4°42	3°17	29°17	n.a.	W30
T 31	1 59 23	29♎ 3'18	13♊ 8	25♎51	10♎24	27♏56	28♎20	18♊50	1♍42	11♐ 5	23♎58	4♓33	3♓14	29♓24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	0n33	19n 9	4n40	9n52	2n 8	12n 1	1n30	14s 2	0s42	7s45	0n53	22n42	0s40	12n17	0n45	21s26	0n55	2n31	12n25	9s26	9s53	0n 7			n.a.
W 2	0 8	23 13	5 4	9 25	2 10	11 35	1 31	14 18	0 42	7 50	0 53	22 42	0 40	12 16	0 45	21 27	0 55	2 30	12 25	9 27	9 55	0 11			n.a.
T 3	0s16	26 19	5 14	8 55	2 10	11 8	1 32	14 34	0 43	7 55	0 53	22 42	0 40	12 14	0 45	21 27	0 55	2 29	12 25	9 29	9 56	0 14			n.a.
F 4	0 40	28 12	5 9	8 23	2 10	10 40	1 32	14 49	0 43	8 0	0 53	22 42	0 40	12 13	0 45	21 27	0 55	2 28	12 25	9 29	9 57	0 18			n.a.
S 5	1 5	28 38	4 49	7 49	2 9	10 12	1 33	15 5	0 44	8 5	0 53	22 42	0 40	12 12	0 45	21 27	0 55	2 27	12 24	9 30	9 58	0 21			n.a.
S 6	1 29	27 27	4 13	7 14	2 7	9 44	1 34	15 20	0 44	8 10	0 52	22 42	0 40	12 11	0 45	21 27	0 55	2 26	12 24	9 30	9 59	0 25			n.a.
M 7	1 54	24 37	3 22	6 37	2 4	9 16	1 34	15 36	0 45	8 15	0 52	22 42	0 40	12 10	0 45	21 28	0 55	2 25	12 24	9 29	10 1	0 28			n.a.
T 8	2 18	20 15	2 18	5 58	2 1	8 48	1 35	15 51	0 45	8 20	0 52	22 42	0 40	12 8	0 45	21 28	0 55	2 24	12 24	9 29	10 2	0 31			n.a.
W 9	2 42	14 35	1 3	5 19	1 58	8 19	1 35	16 6	0 46	8 25	0 52	22 42	0 40	12 7	0 45	21 28	0 55	2 23	12 24	9 28	10 3	0 35			n.a.
T 10	3 7	7 57	0s18	4 38	1 54	7 50	1 35	16 21	0 47	8 30	0 52	22 42	0 40	12 6	0 45	21 28	0 55	2 22	12 23	9 28	10 4	0 38			n.a.
F 11	3 31	0 47	1 39	3 57	1 50	7 20	1 35	16 35	0 47	8 35	0 52	22 42	0 40	12 5	0 45	21 29	0 55	2 21	12 23	9 29	10 5	0 42			n.a.
S 12	3 55	6s30	2 53	3 15	1 45	6 51	1 35	16 50	0 48	8 40	0 52	22 42	0 40	12 4	0 45	21 29	0 55	2 20	12 23	9 30	10 6	0 45			n.a.
S 13	4 20	13 22	3 55	2 33	1 40	6 21	1 35	17 5	0 48	8 46	0 52	22 42	0 40	12 3	0 45	21 29	0 55	2 19	12 23	9 31	10 8	0 49			n.a.
M14	4 44	19 22	4 40	1 50	1 34	5 51	1 35	17 19	0 49	8 51	0 52	22 42	0 40	12 2	0 45	21 29	0 55	2 18	12 23	9 33	10 9	0 52			n.a.
T 15	5 8	24 4	5 5	1 6	1 29	5 21	1 35	17 33	0 49	8 56	0 51	22 42	0 40	12 1	0 45	21 29	0 55	2 17	12 23	9 35	10 10	0 55			n.a.
W16	5 32	27 11	5 11	0 23	1 23	4 51	1 35	17 47	0 50	9 1	0 51	22 42	0 40	11 59	0 45	21 30	0 55	2 16	12 22	9 37	10 11	0 59			n.a.
T 17	5 56	28 32	4 58	0s21	1 17	4 20	1 35	18 1	0 50	9 6	0 51	22 42	0 40	11 58	0 45	21 30	0 55	2 15	12 22	9 39	10 12	1 2			n.a.
F 18	6 20	28 11	4 30	1 4	1 11	3 50	1 34	18 15	0 51	9 11	0 51	22 42	0 40	11 57	0 45	21 30	0 55	2 14	12 22	9 40	10 13	1 6			n.a.
S 19	6 43	26 19	3 49	1 48	1 5	3 19	1 34	18 28	0 51	9 16	0 51	22 42	0 40	11 56	0 45	21 30	0 55	2 13	12 22	9 40	10 15	1 9			n.a.
S 20	7 7	23 12	2 58	2 32	0 59	2 48	1 34	18 41	0 52	9 21	0 51	22 42	0 40	11 55	0 46	21 31	0 55	2 12	12 22	9 40	10 16	1 13			n.a.
M21	7 31	19 8	2 0	3 16	0 52	2 18	1 33	18 55	0 52	9 26	0 51	22 42	0 40	11 54	0 46	21 31	0 55	2 11	12 22	9 39	10 17	1 16			n.a.
T 22	7 54	14 22	0 58	3 59	0 46	1 47	1 32	19 7	0 53	9 31	0 51	22 42	0 40	11 53	0 46	21 31	0 54	2 10	12 22	9 39	10 18	1 19			n.a.
W23	8 17	9 8	0n 6	4 43	0 39	1 16	1 32	19 20	0 53	9 36	0 51	22 42	0 40	11 52	0 46	21 31	0 54	2 9	12 22	9 38	10 19	1 23			n.a.
T 24	8 40	3 36	1 9	5 26	0 33	0 44	1 31	19 33	0 53	9 41	0 51	22 42	0 40	11 51	0 46	21 32	0 54	2 8	12 22	9 39	10 20	1 26			n.a.
F 25	9 3	2n 3	2 9	6 9	0 26	0 13	1 30	19 45	0 54	9 46	0 51	22 42	0 40	11 50	0 46	21 32	0 54	2 8	12 21	9 40	10 22	1 30			n.a.
S 26	9 26	7 39	3 4	6 52	0 19	0s18	1 29	19 57	0 54	9 51	0 50	22 42	0 40	11 49	0 46	21 32	0 54	2 7	12 21	9 42	10 23	1 33			n.a.
S 27	9 49	13 1	3 51	7 34	0 13	0 49	1 28	20 9	0 55	9 56	0 50	22 41	0 39	11 48	0 46	21 33	0 54	2 6	12 21	9 45	10 24	1 37			n.a.
M28	10 12	17 57	4 28	8 17	0 6	1 20	1 27	20 21	0 55	10 1	0 50	22 41	0 39	11 48	0 46	21 33	0 54	2 5	12 21	9 48	10 25	1 40			n.a.
T 29	10 34	22 13	4 53	8 59	0s 1	1 51	1 26	20 33	0 56	10 6	0 50	22 41	0 39	11 47	0 46	21 33	0 54	2 4	12 21	9 52	10 26	1 43			n.a.
W30	10 56	25 33	5 5	9 40	0 7	2 23	1 25	20 44	0 56	10 11	0 50	22 41	0 39	11 46	0 46	21 33	0 54	2 3	12 21	9 56	10 27	1 47			n.a.
T 31	11s18	27n43	5n 2	10s21	0s14	2s54	1n24	20s55	0s56	10s16	0n50	22n41	0s39	11n45	0n46	21s34	0n54	2n 2	12n21	10s 0	10s29	1n50			n.a.

Julian Day Number = 1366673.5, Delta T = 06h54m15s
Ecliptic obliquity = 23°48'49, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°29'04, Lahiri = -17°22'04 Julian Calendar 1 Oct. 972 BCE == Greg. Calendar 22 Sept. 972 BCE

The year -971 astronomical counting style corresponds to year 972 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 972 BCE
geocentric

NOVEMBER 972 BCE (-971) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 3 20	0♏ 4'26	25♊51	27♎26	11♎39	28♏43	28♎34	18°R47	1♍44	11♐ 7	24♎ 0	4°R26	3♓11	29♓30	n.a.	F 1
S 2	2 7 16	1° 5'34	8♋48	29° 0	12°55	29°29	28°47	18♊45	1°47	11° 9	24° 3	4♓21	3° 8	29°37	n.a.	S 2
S 3	2 11 13	2° 6'44	22° 0	0♏34	14°10	0♐16	29° 1	18°42	1°49	11°11	24° 5	4°18	3° 5	29°44	n.a.	S 3
M 4	2 15 10	3° 7'54	5♌29	2° 9	15°26	1° 3	29°15	18°40	1°51	11°13	24° 7	4°D18	3° 1	29°50	n.a.	M 4
T 5	2 19 6	4° 9'06	19°19	3°43	16°41	1°49	29°28	18°37	1°54	11°14	24°10	4°18	2°58	29°57	n.a.	T 5
W 6	2 23 3	5°10'18	3♍28	5°18	17°57	2°36	29°42	18°34	1°56	11°16	24°12	4°R19	2°55	0♈ 4	n.a.	W 6
T 7	2 26 59	6°11'31	17°58	6°52	19°12	3°23	29°55	18°31	1°58	11°18	24°14	4°18	2°52	0°10	n.a.	T 7
F 8	2 30 56	7°12'46	2♎45	8°27	20°28	4°10	0♏ 9	18°28	2° 0	11°20	24°17	4°15	2°49	0°17	n.a.	F 8
S 9	2 34 52	8°14'01	17°43	10° 2	21°43	4°57	0°23	18°25	2° 2	11°22	24°19	4° 9	2°45	0°24	n.a.	S 9
S 10	2 38 49	9°15'17	2♏44	11°37	22°59	5°44	0°36	18°22	2° 4	11°24	24°21	4° 1	2°42	0°30	n.a.	S 10
M11	2 42 45	10°16'33	17°38	13°12	24°14	6°31	0°50	18°19	2° 6	11°26	24°24	3°50	2°39	0°37	n.a.	M11
T 12	2 46 42	11°17'50	2♐17	14°47	25°30	7°17	1° 3	18°15	2° 8	11°28	24°26	3°39	2°36	0°44	n.a.	T 12
W13	2 50 39	12°19'07	16°34	16°22	26°45	8° 4	1°17	18°12	2°10	11°30	24°28	3°29	2°33	0°50	n.a.	W13
T 14	2 54 35	13°20'25	0♑23	17°58	28° 1	8°51	1°30	18° 8	2°12	11°32	24°31	3°20	2°30	0°57	n.a.	T 14
F 15	2 58 32	14°21'42	13°43	19°33	29°16	9°39	1°44	18° 5	2°14	11°34	24°33	3°13	2°26	1° 4	n.a.	F 15
S 16	3 2 28	15°23'00	26°35	21° 9	0♏32	10°26	1°57	18° 1	2°15	11°36	24°35	3°10	2°23	1°10	n.a.	S 16
S 17	3 6 25	16°24'18	9♒ 5	22°45	1°47	11°13	2°11	17°57	2°17	11°38	24°37	3° 8	2°20	1°17	n.a.	S 17
M18	3 10 21	17°25'35	21°15	24°22	3° 3	12° 0	2°24	17°53	2°19	11°41	24°40	3°D 8	2°17	1°24	n.a.	M18
T 19	3 14 18	18°26'52	3♓12	25°58	4°18	12°47	2°37	17°49	2°20	11°43	24°42	3°R 8	2°14	1°30	n.a.	T 19
W20	3 18 14	19°28'10	15° 1	27°35	5°34	13°34	2°51	17°45	2°22	11°45	24°44	3° 7	2°10	1°37	n.a.	W20
T 21	3 22 11	20°29'27	26°48	29°11	6°49	14°21	3° 4	17°41	2°23	11°47	24°46	3° 5	2° 7	1°44	n.a.	T 21
F 22	3 26 8	21°30'44	8♈37	0♐48	8° 5	15° 8	3°17	17°37	2°25	11°49	24°48	3° 0	2° 4	1°50	n.a.	F 22
S 23	3 30 4	22°32'00	20°32	2°25	9°20	15°55	3°31	17°33	2°26	11°51	24°51	2°52	2° 1	1°57	n.a.	S 23
S 24	3 34 1	23°33'17	2♉36	4° 2	10°36	16°43	3°44	17°29	2°27	11°53	24°53	2°41	1°58	2° 4	n.a.	S 24
M25	3 37 57	24°34'33	14°51	5°39	11°51	17°30	3°57	17°24	2°29	11°56	24°55	2°28	1°55	2°10	n.a.	M25
T 26	3 41 54	25°35'50	27°18	7°16	13° 7	18°17	4°10	17°20	2°30	11°58	24°57	2°14	1°51	2°17	n.a.	T 26
W27	3 45 50	26°37'06	9♊56	8°53	14°22	19° 4	4°23	17°16	2°31	12° 0	24°59	2° 0	1°48	2°24	n.a.	W27
T 28	3 49 47	27°38'23	22°47	10°30	15°38	19°52	4°36	17°11	2°32	12° 2	25° 1	1°47	1°45	2°30	n.a.	T 28
F 29	3 53 44	28°39'39	5♋48	12° 6	16°53	20°39	4°49	17° 7	2°33	12° 5	25° 3	1°36	1°42	2°37	n.a.	F 29
S 30	3 57 40	29♏40'55	19♋ 0	13♐42	18♏ 9	21♐26	5♏ 2	17♊ 2	2♍34	12♐ 7	25♎ 5	1♓28	1♓39	2♈44	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s40	28n29	4n45	11s 2	0s20	3s25	1n23	21s 6	0s57	10s21	0n50	22n41	0s39	11n44	0n46	21s34	0n54	2n 1	12n21	10s 2	10s30	1n54		n.a.
S 2	12 2	27 43	4 12	11 42	0 26	3 56	1 21	21 17	0 57	10 26	0 50	22 41	0 39	11 43	0 46	21 34	0 54	2 0	12 21	10 4	10 31	1 57		n.a.
S 3	12 24	25 23	3 26	12 22	0 33	4 27	1 20	21 28	0 58	10 31	0 50	22 40	0 39	11 42	0 46	21 35	0 54	1 59	12 21	10 5	10 32	2 0		n.a.
M 4	12 45	21 35	2 28	13 1	0 39	4 58	1 19	21 38	0 58	10 36	0 50	22 40	0 39	11 42	0 46	21 35	0 54	1 59	12 21	10 5	10 33	2 4		n.a.
T 5	13 6	16 31	1 19	13 39	0 45	5 28	1 17	21 48	0 58	10 41	0 50	22 40	0 39	11 41	0 46	21 35	0 54	1 58	12 21	10 5	10 34	2 7		n.a.
W 6	13 27	10 27	0 4	14 17	0 51	5 59	1 16	21 58	0 59	10 46	0 50	22 40	0 39	11 40	0 46	21 35	0 54	1 57	12 21	10 5	10 36	2 11		n.a.
T 7	13 48	3 43	1s12	14 55	0 57	6 29	1 14	22 8	0 59	10 51	0 50	22 40	0 39	11 39	0 46	21 36	0 54	1 56	12 21	10 5	10 37	2 14		n.a.
F 8	14 8	3s20	2 26	15 32	1 3	7 0	1 13	22 17	0 59	10 56	0 49	22 40	0 39	11 39	0 46	21 36	0 54	1 55	12 21	10 6	10 38	2 17		n.a.
S 9	14 28	10 16	3 30	16 8	1 8	7 30	1 11	22 26	1 0	11 1	0 49	22 39	0 39	11 38	0 46	21 36	0 54	1 54	12 21	10 8	10 39	2 21		n.a.
S 10	14 48	16 39	4 19	16 43	1 14	8 0	1 9	22 35	1 0	11 6	0 49	22 39	0 39	11 37	0 46	21 37	0 54	1 54	12 21	10 11	10 40	2 24		n.a.
M11	15 8	22 0	4 51	17 18	1 19	8 30	1 7	22 44	1 0	11 10	0 49	22 39	0 39	11 36	0 46	21 37	0 54	1 53	12 21	10 15	10 41	2 28		n.a.
T 12	15 27	25 53	5 2	17 51	1 24	9 0	1 6	22 52	1 1	11 15	0 49	22 39	0 39	11 36	0 46	21 37	0 54	1 52	12 21	10 19	10 43	2 31		n.a.
W13	15 46	28 1	4 55	18 24	1 29	9 29	1 4	23 0	1 1	11 20	0 49	22 38	0 39	11 35	0 46	21 38	0 54	1 51	12 21	10 23	10 44	2 35		n.a.
T 14	16 5	28 19	4 30	18 57	1 33	9 58	1 2	23 8	1 1	11 25	0 49	22 38	0 39	11 34	0 46	21 38	0 54	1 50	12 21	10 26	10 45	2 38		n.a.
F 15	16 24	26 55	3 51	19 28	1 38	10 27	1 0	23 16	1 2	11 30	0 49	22 38	0 38	11 34	0 46	21 38	0 54	1 50	12 21	10 29	10 46	2 41		n.a.
S 16	16 42	24 8	3 1	19 58	1 42	10 56	0 58	23 23	1 2	11 34	0 49	22 38	0 38	11 33	0 46	21 38	0 54	1 49	12 21	10 30	10 47	2 45		n.a.
S 17	17 0	20 16	2 4	20 27	1 46	11 25	0 56	23 30	1 2	11 39	0 49	22 37	0 38	11 33	0 47	21 39	0 54	1 48	12 21	10 31	10 48	2 48		n.a.
M18	17 18	15 38	1 3	20 56	1 50	11 53	0 54	23 37	1 3	11 44	0 49	22 37	0 38	11 32	0 47	21 39	0 54	1 47	12 21	10 31	10 49	2 52		n.a.
T 19	17 35	10 29	0n 0	21 23	1 53	12 21	0 52	23 43	1 3	11 48	0 49	22 37	0 38	11 32	0 47	21 39	0 54	1 47	12 22	10 31	10 51	2 55		n.a.
W20	17 52	5 2	1 3	21 49	1 56	12 48	0 50	23 50	1 3	11 53	0 49	22 36	0 38	11 31	0 47	21 40	0 54	1 46	12 22	10 31	10 52	2 58		n.a.
T 21	18 9	0n34	2 2	22 14	1 59	13 15	0 47	23 56	1 3	11 58	0 49	22 36	0 38	11 31	0 47	21 40	0 54	1 45	12 22	10 32	10 53	3 2		n.a.
F 22	18 25	6 9	2 56	22 37	2 2	13 42	0 45	24 1	1 4	12 2	0 49	22 36	0 38	11 30	0 47	21 40	0 54	1 45	12 22	10 34	10 54	3 5		n.a.
S 23	18 41	11 34	3 43	22 59	2 4	14 9	0 43	24 7	1 4	12 7	0 49	22 35	0 38	11 30	0 47	21 41	0 54	1 44	12 22	10 37	10 55	3 8		n.a.
S 24	18 57	16 37	4 20	23 20	2 5	14 35	0 41	24 12	1 4	12 12	0 49	22 35	0 38	11 29	0 47	21 41	0 54	1 43	12 22	10 41	10 56	3 12		n.a.
M25	19 13	21 5	4 46	23 39	2 7	15 1	0 39	24 17	1 4	12 16	0 49	22 35	0 38	11 29	0 47	21 41	0 54	1 43	12 22	10 45	10 58	3 15		n.a.
T 26	19 28	24 42	4 59	23 57	2 7	15 26	0 36	24 21	1 4	12 21	0 49	22 34	0 38	11 28	0 47	21 42	0 54	1 42	12 22	10 51	10 59	3 19		n.a.
W27	19 42	27 11	4 57	24 14	2 8	15 52	0 34	24 26	1 5	12 25	0 49	22 34	0 38	11 28	0 47	21 42	0 53	1 41	12 22	10 56	11 0	3 22		n.a.
T 28	19 56	28 16	4 40	24 28	2 8	16 16	0 32	24 30	1 5	12 30	0 49	22 34	0 38	11 28	0 47	21 42	0 53	1 41	12 23	11 0	11 1	3 25		n.a.
F 29	20 10	27 49	4 9	24 41	2 7	16 40	0 29	24 34	1 5	12 34	0 49	22 33	0 37	11 27	0 47	21 43	0 53	1 40	12 23	11 4	11 2	3 29		n.a.
S 30	20s24	25n48	3n24	24s53	2s 6	17s 4	0n27	24s37	1s 5	12s39	0n48	22n33	0s37	11n27	0n47	21s43	0n53	1n39	12n23	11s 7	11s 3	3n32		n.a.

Julian Day Number = 1366704.5, Delta T = 06h54m13s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°29'00, Lahiri = -17°22'00 Julian Calendar 1 Nov. 972 BCE == Greg. Calendar 23 Oct. 972 BCE

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ASTRODIENST EPHEMERIS for the year 972 BCE
geocentric

DECEMBER 972 BCE (-971) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 1 37	0♐42'11	2♌23	15♐18	19♏24	22♐13	5♏15	16°R57	2♍35	12♐ 9	25♎ 7	1°R24	1♓36	2♈50	n.a.	S 1
M 2	4 5 33	1°43'27	15°57	16°52	20°39	23° 1	5°28	16♊53	2°36	12°11	25° 9	1♓22	1°32	2°57	n.a.	M 2
T 3	4 9 30	2°44'42	29°43	18°26	21°55	23°48	5°41	16°48	2°37	12°13	25°11	1°21	1°29	3° 4	n.a.	T 3
W 4	4 13 26	3°45'58	13♍41	19°58	23°10	24°35	5°54	16°43	2°37	12°16	25°13	1°21	1°26	3°10	n.a.	W 4
T 5	4 17 23	4°47'13	27°53	21°29	24°26	25°23	6° 7	16°39	2°38	12°18	25°15	1°20	1°23	3°17	n.a.	T 5
F 6	4 21 19	5°48'28	12♎17	22°57	25°41	26°10	6°20	16°34	2°39	12°20	25°17	1°16	1°20	3°24	n.a.	F 6
S 7	4 25 16	6°49'43	26°49	24°24	26°57	26°57	6°32	16°29	2°39	12°23	25°19	1°10	1°16	3°30	n.a.	S 7
S 8	4 29 13	7°50'58	11♏25	25°47	28°12	27°45	6°45	16°24	2°40	12°25	25°21	1° 0	1°13	3°37	n.a.	S 8
M 9	4 33 9	8°52'12	25°58	27° 7	29°27	28°32	6°58	16°19	2°40	12°27	25°23	0°49	1°10	3°44	n.a.	M 9
T 10	4 37 6	9°53'26	10♐20	28°24	0♐43	29°19	7°10	16°14	2°41	12°29	25°25	0°36	1° 7	3°50	n.a.	T 10
W11	4 41 2	10°54'39	24°26	29°35	1°58	0♑ 7	7°23	16° 9	2°41	12°32	25°27	0°24	1° 4	3°57	n.a.	W11
T 12	4 44 59	11°55'51	8♑ 9	0♑42	3°14	0°54	7°35	16° 4	2°41	12°34	25°28	0°14	1° 1	4° 4	n.a.	T 12
F 13	4 48 55	12°57'02	21°29	1°42	4°29	1°42	7°47	16° 0	2°42	12°36	25°30	0° 5	0°57	4°10	n.a.	F 13
S 14	4 52 52	13°58'13	4♒23	2°35	5°44	2°29	8° 0	15°55	2°42	12°38	25°32	0° 0	0°54	4°17	n.a.	S 14
S 15	4 56 49	14°59'22	16°55	3°20	7° 0	3°16	8°12	15°50	2°42	12°41	25°34	29♒58	0°51	4°24	n.a.	S 15
M16	5 0 45	16° 0'30	29° 9	3°56	8°15	4° 4	8°24	15°45	2°42	12°43	25°35	29°D57	0°48	4°30	n.a.	M16
T 17	5 4 42	17° 1'36	11♓ 8	4°23	9°30	4°51	8°36	15°40	2°R42	12°45	25°37	29°R57	0°45	4°37	n.a.	T 17
W18	5 8 38	18° 2'42	22°59	4°40	10°45	5°38	8°48	15°35	2°42	12°48	25°39	29°57	0°42	4°44	n.a.	W18
T 19	5 12 35	19° 3'46	4♈48	4°R45	12° 1	6°26	9° 0	15°30	2°42	12°50	25°40	29°56	0°38	4°50	n.a.	T 19
F 20	5 16 31	20° 4'49	16°38	4°40	13°16	7°13	9°12	15°25	2°42	12°52	25°42	29°52	0°35	4°57	n.a.	F 20
S 21	5 20 28	21° 5'50	28°36	4°23	14°31	8° 0	9°24	15°20	2°42	12°54	25°44	29°46	0°32	5° 4	n.a.	S 21
S 22	5 24 24	22° 6'51	10♉46	3°54	15°47	8°48	9°36	15°15	2°41	12°57	25°45	29°38	0°29	5°10	n.a.	S 22
M23	5 28 21	23° 7'50	23° 9	3°15	17° 2	9°35	9°48	15°10	2°41	12°59	25°47	29°27	0°26	5°17	n.a.	M23
T 24	5 32 18	24° 8'47	5♊49	2°26	18°17	10°22	9°59	15° 5	2°41	13° 1	25°48	29°15	0°22	5°24	n.a.	T 24
W25	5 36 14	25° 9'44	18°45	1°28	19°32	11° 9	10°11	15° 0	2°40	13° 3	25°50	29° 3	0°19	5°30	n.a.	W25
T 26	5 40 11	26°10'39	1♋56	0°23	20°47	11°57	10°22	14°56	2°40	13° 6	25°51	28°52	0°16	5°37	n.a.	T 26
F 27	5 44 7	27°11'33	15°21	29♐14	22° 3	12°44	10°34	14°51	2°39	13° 8	25°52	28°43	0°13	5°44	n.a.	F 27
S 28	5 48 4	28°12'26	28°58	28° 1	23°18	13°31	10°45	14°46	2°39	13°10	25°54	28°37	0°10	5°51	n.a.	S 28
S 29	5 52 0	29°13'17	12♌43	26°48	24°33	14°18	10°56	14°41	2°38	13°12	25°55	28°33	0° 7	5°57	n.a.	S 29
M30	5 55 57	0♑14'08	26°36	25°35	25°48	15° 6	11° 7	14°37	2°37	13°14	25°56	28°D32	0° 3	6° 4	n.a.	M30
T 31	5 59 54	1♑14'57	10♍34	24♐26	27♐ 3	15♑53	11♏18	14♊32	2♍37	13♐17	25♎58	28♒32	0♓ 0	6♈11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s37	22n19	2n27	25s 2	2s 4	17s27	0n25	24s40	1s 5	12s43	0n48	22n33	0s37	11n27	0n47	21s43	0n53	1n39	12n23	11s 9	11s 4	3n36			n.a.
M 2	20 50	17 35	1 20	25 10	2 1	17 50	0 22	24 43	1 6	12 47	0 48	22 32	0 37	11 26	0 47	21 43	0 53	1 38	12 23	11 9	11 6	3 39			n.a.
T 3	21 2	11 53	0 9	25 15	1 58	18 13	0 20	24 46	1 6	12 52	0 48	22 32	0 37	11 26	0 47	21 44	0 53	1 38	12 23	11 10	11 7	3 42			n.a.
W 4	21 14	5 31	1s 5	25 19	1 54	18 34	0 18	24 48	1 6	12 56	0 48	22 32	0 37	11 26	0 47	21 44	0 53	1 37	12 24	11 10	11 8	3 46			n.a.
T 5	21 26	1s13	2 15	25 21	1 49	18 56	0 15	24 50	1 6	13 0	0 48	22 31	0 37	11 26	0 47	21 44	0 53	1 37	12 24	11 10	11 9	3 49			n.a.
F 6	21 37	7 57	3 18	25 21	1 44	19 16	0 13	24 52	1 6	13 5	0 48	22 31	0 37	11 26	0 47	21 45	0 53	1 36	12 24	11 11	11 10	3 52			n.a.
S 7	21 47	14 21	4 9	25 18	1 37	19 37	0 10	24 53	1 6	13 9	0 48	22 30	0 37	11 25	0 47	21 45	0 53	1 36	12 24	11 14	11 11	3 56			n.a.
S 8	21 58	19 58	4 43	25 14	1 30	19 56	0 8	24 54	1 7	13 13	0 48	22 30	0 37	11 25	0 47	21 45	0 53	1 35	12 24	11 17	11 13	3 59			n.a.
M 9	22 7	24 23	4 59	25 8	1 21	20 16	0 5	24 55	1 7	13 17	0 48	22 30	0 37	11 25	0 47	21 46	0 53	1 35	12 24	11 21	11 14	4 3			n.a.
T 10	22 17	27 13	4 56	25 0	1 12	20 34	0 3	24 55	1 7	13 22	0 48	22 29	0 36	11 25	0 48	21 46	0 53	1 34	12 25	11 26	11 15	4 6			n.a.
W11	22 26	28 16	4 35	24 50	1 1	20 52	0 1	24 56	1 7	13 26	0 48	22 29	0 36	11 25	0 48	21 46	0 53	1 34	12 25	11 30	11 16	4 9			n.a.
T 12	22 34	27 31	3 58	24 39	0 50	21 9	0s 2	24 56	1 7	13 30	0 48	22 28	0 36	11 25	0 48	21 47	0 53	1 33	12 25	11 34	11 17	4 13			n.a.
F 13	22 42	25 10	3 9	24 25	0 37	21 26	0 4	24 55	1 7	13 34	0 48	22 28	0 36	11 25	0 48	21 47	0 53	1 33	12 25	11 37	11 18	4 16			n.a.
S 14	22 50	21 35	2 11	24 11	0 23	21 42	0 7	24 55	1 7	13 38	0 48	22 27	0 36	11 25	0 48	21 47	0 53	1 33	12 26	11 39	11 19	4 19			n.a.
S 15	22 57	17 6	1 9	23 55	0 9	21 58	0 9	24 54	1 7	13 42	0 48	22 27	0 36	11 25	0 48	21 48	0 53	1 32	12 26	11 40	11 21	4 23			n.a.
M16	23 4	12 1	0 4	23 38	0n 7	22 13	0 11	24 52	1 7	13 46	0 48	22 27	0 36	11 25	0 48	21 48	0 53	1 32	12 26	11 40	11 22	4 26			n.a.
T 17	23 10	6 36	0n59	23 21	0 24	22 27	0 14	24 51	1 7	13 50	0 48	22 26	0 36	11 25	0 48	21 48	0 53	1 31	12 26	11 40	11 23	4 30			n.a.
W18	23 16	1 0	1 59	23 2	0 41	22 40	0 16	24 49	1 7	13 54	0 48	22 26	0 36	11 25	0 48	21 48	0 53	1 31	12 27	11 40	11 24	4 33			n.a.
T 19	23 21	4n35	2 54	22 44	1 0	22 53	0 18	24 47	1 7	13 58	0 48	22 25	0 35	11 25	0 48	21 49	0 53	1 31	12 27	11 40	11 25	4 36			n.a.
F 20	23 26	10 2	3 41	22 26	1 18	23 5	0 21	24 44	1 7	14 2	0 48	22 25	0 35	11 25	0 48	21 49	0 53	1 30	12 27	11 42	11 26	4 40			n.a.
S 21	23 31	15 10	4 19	22 7	1 37	23 17	0 23	24 41	1 8	14 5	0 48	22 25	0 35	11 25	0 48	21 49	0 53	1 30	12 27	11 44	11 27	4 43			n.a.
S 22	23 34	19 48	4 47	21 50	1 56	23 27	0 25	24 38	1 8	14 9	0 48	22 24	0 35	11 25	0 48	21 50	0 53	1 30	12 28	11 47	11 28	4 46			n.a.
M23	23 38	23 41	5 1	21 33	2 14	23 38	0 27	24 35	1 8	14 13	0 48	22 24	0 35	11 25	0 48	21 50	0 53	1 29	12 28	11 51	11 30	4 50			n.a.
T 24	23 41	26 32	5 1	21 16	2 31	23 47	0 30	24 31	1 8	14 17	0 48	22 23	0 35	11 26	0 48	21 50	0 53	1 29	12 28	11 55	11 31	4 53			n.a.
W25	23 43	28 4	4 45	21 1	2 47	23 55	0 32	24 28	1 8	14 20	0 48	22 23	0 35	11 26	0 48	21 50	0 53	1 29	12 28	11 59	11 32	4 56			n.a.
T 26	23 45	28 2	4 14	20 47	3 2	24 3	0 34	24 23	1 8	14 24	0 48	22 22	0 35	11 26	0 48	21 51	0 53	1 29	12 29	12 3	11 33	5 0			n.a.
F 27	23 47	26 22	3 29	20 34	3 14	24 10	0 36	24 19	1 8	14 28	0 48	22 22	0 34	11 26	0 48	21 51	0 53	1 28	12 29	12 6	11 34	5 3			n.a.
S 28	23 48	23 9	2 31	20 23	3 25	24 17	0 38	24 14	1 8	14 31	0 48	22 22	0 34	11 27	0 48	21 51	0 53	1 28	12 29	12 8	11 35	5 6			n.a.
S 29	23 49	18 35	1 24	20 14	3 33	24 22	0 40	24 9	1 8	14 35	0 48	22 21	0 34	11 27	0 48	21 52	0 53	1 28	12 30	12 10	11 36	5 10			n.a.
M30	23 49	13 0	0 10	20 6	3 39	24 27	0 42	24 4	1 8	14 38	0 48	22 21	0 34	11 27	0 48	21 52	0 53	1 28	12 30	12 10	11 38	5 13			n.a.
T 31	23s48	6n44	1s 4	20s 0	3n42	24s31	0s45	23s58	1s 7	14s42	0n48	22n20	0s34	11n27	0n48	21s52	0n53	1n28	12n30	12s10	11s39	5n16			n.a.

Julian Day Number = 1366734.5, Delta T = 06h54m12s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°28'56, Lahiri = -17°21'56 Julian Calendar 1 Dec. 972 BCE == Greg. Calendar 22 Nov. 972 BCE

The year -971 astronomical counting style corresponds to year 972 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 971 BCE
geocentric

JANUARY 971 BCE (-970) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 3 50	2♉15'45	24♍36	23°R22	28♐18	16♉40	11♏29	14°R27	2°R36	13♐19	25♎59	28♒33	29♒57	6♈17	n.a.	W 1
T 2	6 7 47	3°16'31	8♎43	22♐23	29°33	17°27	11°40	14♊23	2♍35	13°21	26° 0	28°R33	29°54	6°24	n.a.	T 2
F 3	6 11 43	4°17'17	22°52	21°32	0♉49	18°14	11°51	14°18	2°34	13°23	26° 1	28°32	29°51	6°31	n.a.	F 3
S 4	6 15 40	5°18'01	7♏ 2	20°48	2° 4	19° 2	12° 1	14°14	2°33	13°25	26° 3	28°28	29°48	6°37	n.a.	S 4
S 5	6 19 36	6°18'45	21°11	20°12	3°19	19°49	12°12	14°10	2°32	13°27	26° 4	28°22	29°44	6°44	n.a.	S 5
M 6	6 23 33	7°19'27	5♐15	19°44	4°34	20°36	12°23	14° 5	2°31	13°30	26° 5	28°14	29°41	6°51	n.a.	M 6
T 7	6 27 29	8°20'07	19°10	19°24	5°49	21°23	12°33	14° 1	2°30	13°32	26° 6	28° 5	29°38	6°57	n.a.	T 7
W 8	6 31 26	9°20'46	2♉51	19°12	7° 4	22°10	12°43	13°57	2°29	13°34	26° 7	27°56	29°35	7° 4	n.a.	W 8
T 9	6 35 23	10°21'23	16°16	19°D 7	8°19	22°57	12°53	13°52	2°27	13°36	26° 8	27°49	29°32	7°11	n.a.	T 9
F 10	6 39 19	11°21'59	29°23	19°10	9°34	23°44	13° 4	13°48	2°26	13°38	26° 9	27°43	29°28	7°17	n.a.	F 10
S 11	6 43 16	12°22'33	12♒10	19°19	10°49	24°31	13°13	13°44	2°25	13°40	26°10	27°40	29°25	7°24	n.a.	S 11
S 12	6 47 12	13°23'05	24°39	19°35	12° 4	25°18	13°23	13°40	2°24	13°42	26°11	27°D38	29°22	7°31	n.a.	S 12
M13	6 51 9	14°23'34	6♓52	19°56	13°19	26° 5	13°33	13°36	2°22	13°44	26°12	27°39	29°19	7°37	n.a.	M13
T 14	6 55 5	15°24'02	18°53	20°23	14°34	26°52	13°43	13°33	2°21	13°46	26°12	27°40	29°16	7°44	n.a.	T 14
W15	6 59 2	16°24'28	0♈45	20°55	15°49	27°39	13°52	13°29	2°19	13°48	26°13	27°42	29°13	7°51	n.a.	W15
T 16	7 2 58	17°24'52	12°35	21°32	17° 4	28°26	14° 2	13°25	2°18	13°50	26°14	27°R43	29° 9	7°57	n.a.	T 16
F 17	7 6 55	18°25'13	24°26	22°12	18°19	29°13	14°11	13°22	2°16	13°52	26°15	27°43	29° 6	8° 4	n.a.	F 17
S 18	7 10 52	19°25'33	6♉25	22°57	19°34	29°59	14°20	13°18	2°14	13°54	26°15	27°41	29° 3	8°11	n.a.	S 18
S 19	7 14 48	20°25'50	18°36	23°46	20°49	0♒46	14°29	13°15	2°13	13°56	26°16	27°38	29° 0	8°17	n.a.	S 19
M20	7 18 45	21°26'05	1♊ 3	24°37	22° 3	1°33	14°38	13°11	2°11	13°58	26°17	27°33	28°57	8°24	n.a.	M20
T 21	7 22 41	22°26'18	13°49	25°32	23°18	2°20	14°47	13° 8	2° 9	14° 0	26°17	27°27	28°54	8°31	n.a.	T 21
W22	7 26 38	23°26'29	26°55	26°30	24°33	3° 6	14°56	13° 5	2° 8	14° 2	26°18	27°21	28°50	8°37	n.a.	W22
T 23	7 30 34	24°26'38	10♋22	27°31	25°48	3°53	15° 4	13° 2	2° 6	14° 3	26°18	27°16	28°47	8°44	n.a.	T 23
F 24	7 34 31	25°26'45	24° 8	28°34	27° 3	4°40	15°13	12°59	2° 4	14° 5	26°19	27°11	28°44	8°51	n.a.	F 24
S 25	7 38 27	26°26'50	8♌10	29°39	28°18	5°26	15°21	12°56	2° 2	14° 7	26°19	27° 8	28°41	8°57	n.a.	S 25
S 26	7 42 24	27°26'53	22°23	0♉47	29°32	6°13	15°29	12°53	2° 0	14° 9	26°20	27°D 7	28°38	9° 4	n.a.	S 26
M27	7 46 21	28°26'54	6♍43	1°57	0♒47	6°59	15°37	12°50	1°58	14°11	26°20	27° 7	28°34	9°11	n.a.	M27
T 28	7 50 17	29°26'53	21° 5	3° 8	2° 2	7°46	15°45	12°48	1°56	14°12	26°20	27° 9	28°31	9°17	n.a.	T 28
W29	7 54 14	0♒26'50	5♎26	4°22	3°17	8°32	15°53	12°45	1°54	14°14	26°21	27°10	28°28	9°24	n.a.	W29
T 30	7 58 10	1°26'45	19°42	5°38	4°31	9°19	16° 1	12°43	1°52	14°16	26°21	27°11	28°25	9°31	n.a.	T 30
F 31	8 2 7	2♒26'39	3♏52	6♉55	5♒46	10♒ 5	16♏ 8	12♊40	1♍50	14♐18	26♎21	27°R12	28♒22	9♈38	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s48	0n 7	2s15	19s56	3n43	24s35	0s47	23s52	1s 7	14s45	0n48	22n20	0s34	11n28	0n48	21s52	0n53	1n27	12n30	12s10	11s40	5n20		n.a.
T 2	23 46	6s32	3 18	19 54	3 42	24 37	0 48	23 46	1 7	14 48	0 48	22 19	0 34	11 28	0 49	21 53	0 53	1 27	12 31	12 10	11 41	5 23		n.a.
F 3	23 45	12 52	4 9	19 54	3 39	24 39	0 50	23 40	1 7	14 52	0 48	22 19	0 34	11 28	0 49	21 53	0 53	1 27	12 31	12 10	11 42	5 26		n.a.
S 4	23 42	18 33	4 45	19 56	3 34	24 40	0 52	23 33	1 7	14 55	0 48	22 19	0 33	11 29	0 49	21 53	0 53	1 27	12 31	12 12	11 43	5 30		n.a.
S 5	23 40	23 13	5 4	19 59	3 28	24 40	0 54	23 26	1 7	14 58	0 48	22 18	0 33	11 29	0 49	21 54	0 53	1 27	12 32	12 14	11 44	5 33		n.a.
M 6	23 36	26 29	5 4	20 5	3 20	24 40	0 56	23 19	1 7	15 2	0 48	22 18	0 33	11 30	0 49	21 54	0 53	1 27	12 32	12 16	11 46	5 36		n.a.
T 7	23 33	28 7	4 46	20 12	3 12	24 39	0 58	23 11	1 7	15 5	0 48	22 18	0 33	11 30	0 49	21 54	0 53	1 27	12 32	12 20	11 47	5 40		n.a.
W 8	23 29	27 59	4 12	20 20	3 2	24 37	0 59	23 3	1 7	15 8	0 48	22 17	0 33	11 31	0 49	21 54	0 53	1 27	12 33	12 23	11 48	5 43		n.a.
T 9	23 24	26 11	3 24	20 30	2 52	24 34	1 1	22 55	1 7	15 11	0 48	22 17	0 33	11 31	0 49	21 55	0 53	1 27	12 33	12 25	11 49	5 46		n.a.
F 10	23 19	22 59	2 27	20 41	2 42	24 30	1 3	22 47	1 7	15 14	0 48	22 16	0 33	11 32	0 49	21 55	0 53	1 27	12 33	12 27	11 50	5 50		n.a.
S 11	23 14	18 44	1 23	20 52	2 31	24 26	1 4	22 39	1 7	15 17	0 48	22 16	0 32	11 32	0 49	21 55	0 53	1 27	12 34	12 28	11 51	5 53		n.a.
S 12	23 8	13 46	0 16	21 5	2 19	24 21	1 6	22 30	1 6	15 20	0 48	22 16	0 32	11 33	0 49	21 55	0 53	1 27	12 34	12 29	11 52	5 56		n.a.
M13	23 1	8 21	0n50	21 18	2 8	24 15	1 7	22 21	1 6	15 23	0 48	22 15	0 32	11 33	0 49	21 56	0 53	1 27	12 34	12 29	11 53	6 0		n.a.
T 14	22 54	2 45	1 53	21 31	1 57	24 8	1 9	22 12	1 6	15 26	0 48	22 15	0 32	11 34	0 49	21 56	0 53	1 27	12 35	12 28	11 55	6 3		n.a.
W15	22 47	2n54	2 50	21 45	1 45	24 1	1 10	22 2	1 6	15 29	0 49	22 15	0 32	11 34	0 49	21 56	0 53	1 27	12 35	12 28	11 56	6 6		n.a.
T 16	22 40	8 24	3 40	21 59	1 34	23 53	1 11	21 52	1 6	15 32	0 49	22 14	0 32	11 35	0 49	21 56	0 53	1 27	12 35	12 27	11 57	6 10		n.a.
F 17	22 31	13 38	4 20	22 12	1 23	23 44	1 13	21 42	1 6	15 34	0 49	22 14	0 32	11 35	0 49	21 57	0 53	1 27	12 36	12 27	11 58	6 13		n.a.
S 18	22 23	18 25	4 50	22 26	1 11	23 35	1 14	21 32	1 6	15 37	0 49	22 14	0 31	11 36	0 49	21 57	0 53	1 27	12 36	12 28	11 59	6 16		n.a.
S 19	22 14	22 32	5 7	22 40	1 0	23 24	1 15	21 22	1 5	15 40	0 49	22 14	0 31	11 37	0 49	21 57	0 53	1 27	12 36	12 29	12 0	6 20		n.a.
M20	22 5	25 45	5 10	22 53	0 50	23 13	1 16	21 11	1 5	15 42	0 49	22 13	0 31	11 37	0 49	21 57	0 53	1 27	12 37	12 31	12 1	6 23		n.a.
T 21	21 55	27 45	4 59	23 5	0 39	23 2	1 17	21 0	1 5	15 45	0 49	22 13	0 31	11 38	0 49	21 57	0 53	1 27	12 37	12 33	12 2	6 26		n.a.
W22	21 45	28 17	4 31	23 17	0 29	22 49	1 18	20 49	1 5	15 48	0 49	22 13	0 31	11 39	0 49	21 58	0 53	1 27	12 37	12 35	12 4	6 30		n.a.
T 23	21 34	27 11	3 48	23 29	0 18	22 36	1 19	20 38	1 5	15 50	0 49	22 12	0 31	11 39	0 49	21 58	0 53	1 27	12 38	12 37	12 5	6 33		n.a.
F 24	21 23	24 25	2 51	23 40	0 9	22 23	1 20	20 26	1 4	15 52	0 49	22 12	0 31	11 40	0 49	21 58	0 53	1 28	12 38	12 38	12 6	6 36		n.a.
S 25	21 12	20 9	1 42	23 50	0s 1	22 8	1 21	20 15	1 4	15 55	0 49	22 12	0 30	11 41	0 49	21 58	0 53	1 28	12 38	12 39	12 7	6 39		n.a.
S 26	21 0	14 41	0 26	23 59	0 10	21 53	1 21	20 3	1 4	15 57	0 49	22 12	0 30	11 42	0 49	21 58	0 53	1 28	12 39	12 40	12 8	6 43		n.a.
M27	20 48	8 22	0s52	24 7	0 19	21 38	1 22	19 51	1 4	16 0	0 49	22 12	0 30	11 42	0 49	21 59	0 53	1 28	12 39	12 40	12 9	6 46		n.a.
T 28	20 35	1 38	2 8	24 15	0 28	21 22	1 23	19 38	1 4	16 2	0 49	22 11	0 30	11 43	0 49	21 59	0 53	1 28	12 40	12 39	12 10	6 49		n.a.
W29	20 22	5s10	3 15	24 21	0 37	21 5	1 23	19 26	1 3	16 4	0 49	22 11	0 30	11 44	0 49	21 59	0 53	1 29	12 40	12 39	12 11	6 53		n.a.
T 30	20 9	11 40	4 10	24 26	0 45	20 47	1 24	19 13	1 3	16 6	0 49	22 11	0 30	11 45	0 49	21 59	0 53	1 29	12 40	12 38	12 13	6 56		n.a.
F 31	19s55	17s31	4s49	24s30	0s52	20s29	1s24	19s 0	1s 3	16s 9	0n49	22n11	0s30	11n45	0n50	21s59	0n53	1n29	12n41	12s38	12s14	6n59		n.a.

Julian Day Number = 1366765.5, Delta T = 06h54m10s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°28'52, Lahiri = -17°21'52 Julian Calendar 1 Jan. 971 BCE == Greg. Calendar 23 Dec. 972 BCE

The year -970 astronomical counting style corresponds to year 971 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 971 BCE
geocentric

FEBRUARY 971 BCE (-970) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 6 3	3♒26'31	17♏52	8♉14	7♒ 1	10♒52	16♏16	12°R38	1°R48	14♐19	26♎22	27°R11	28♒19	9♈44	n.a.	S 1
S 2	8 10 0	4°26'21	1♐43	9°34	8°15	11°38	16°23	12♊36	1♍45	14°21	26°22	27♒ 9	28°15	9°51	n.a.	S 2
M 3	8 13 56	5°26'10	15°23	10°56	9°30	12°24	16°30	12°34	1°43	14°22	26°22	27° 7	28°12	9°58	n.a.	M 3
T 4	8 17 53	6°25'56	28°50	12°19	10°45	13°10	16°37	12°32	1°41	14°24	26°22	27° 4	28° 9	10° 4	n.a.	T 4
W 5	8 21 50	7°25'41	12♉ 4	13°44	11°59	13°57	16°44	12°30	1°39	14°26	26°22	27° 0	28° 6	10°11	n.a.	W 5
T 6	8 25 46	8°25'23	25° 5	15°10	13°14	14°43	16°50	12°29	1°36	14°27	26°22	26°58	28° 3	10°18	n.a.	T 6
F 7	8 29 43	9°25'04	7♒51	16°38	14°28	15°29	16°57	12°27	1°34	14°29	26°R22	26°56	28° 0	10°24	n.a.	F 7
S 8	8 33 39	10°24'42	20°24	18° 7	15°43	16°15	17° 3	12°25	1°32	14°30	26°22	26°55	27°56	10°31	n.a.	S 8
S 9	8 37 36	11°24'18	2♓43	19°37	16°58	17° 1	17° 9	12°24	1°29	14°32	26°22	26°D55	27°53	10°38	n.a.	S 9
M10	8 41 32	12°23'52	14°50	21° 9	18°12	17°47	17°15	12°23	1°27	14°33	26°22	26°56	27°50	10°44	n.a.	M10
T 11	8 45 29	13°23'23	26°48	22°42	19°27	18°33	17°21	12°22	1°25	14°34	26°22	26°57	27°47	10°51	n.a.	T 11
W12	8 49 25	14°22'52	8♈41	24°16	20°41	19°19	17°27	12°20	1°22	14°36	26°22	26°58	27°44	10°58	n.a.	W12
T 13	8 53 22	15°22'19	20°30	25°52	21°56	20° 5	17°33	12°20	1°20	14°37	26°21	26°59	27°40	11° 4	n.a.	T 13
F 14	8 57 18	16°21'43	2♉22	27°29	23°10	20°51	17°38	12°19	1°17	14°38	26°21	27° 0	27°37	11°11	n.a.	F 14
S 15	9 1 15	17°21'05	14°20	29° 7	24°24	21°37	17°43	12°18	1°15	14°40	26°21	27°R 1	27°34	11°18	n.a.	S 15
S 16	9 5 12	18°20'24	26°30	0♒46	25°39	22°22	17°48	12°17	1°12	14°41	26°21	27° 0	27°31	11°24	n.a.	S 16
M17	9 9 8	19°19'41	8♊55	2°27	26°53	23° 8	17°53	12°17	1°10	14°42	26°20	27° 0	27°28	11°31	n.a.	M17
T 18	9 13 5	20°18'56	21°40	4° 9	28° 8	23°54	17°58	12°16	1° 7	14°43	26°20	26°59	27°25	11°38	n.a.	T 18
W19	9 17 1	21°18'08	4♋48	5°53	29°22	24°39	18° 3	12°16	1° 5	14°45	26°19	26°59	27°21	11°44	n.a.	W19
T 20	9 20 58	22°17'18	18°20	7°38	0♓36	25°25	18° 7	12°16	1° 2	14°46	26°19	26°58	27°18	11°51	n.a.	T 20
F 21	9 24 54	23°16'25	2♌16	9°24	1°51	26°11	18°11	12°D16	1° 0	14°47	26°18	26°57	27°15	11°58	n.a.	F 21
S 22	9 28 51	24°15'30	16°34	11°11	3° 5	26°56	18°15	12°16	0°57	14°48	26°18	26°57	27°12	12° 5	n.a.	S 22
S 23	9 32 47	25°14'33	1♍ 9	13° 0	4°19	27°41	18°19	12°16	0°55	14°49	26°17	26°D57	27° 9	12°11	n.a.	S 23
M24	9 36 44	26°13'34	15°56	14°51	5°33	28°27	18°23	12°16	0°52	14°50	26°17	26°57	27° 6	12°18	n.a.	M24
T 25	9 40 41	27°12'32	0♎45	16°42	6°47	29°12	18°26	12°17	0°49	14°51	26°16	26°R57	27° 2	12°25	n.a.	T 25
W26	9 44 37	28°11'29	15°32	18°35	8° 2	29°58	18°30	12°17	0°47	14°52	26°16	26°57	26°59	12°31	n.a.	W26
T 27	9 48 34	29°10'23	0♏ 8	20°30	9°16	0♓43	18°33	12°18	0°44	14°53	26°15	26°57	26°56	12°38	n.a.	T 27
F 28	9 52 30	0♓ 9'16	14♏30	22♒26	10♓30	1♓28	18♏36	12♊18	0♍42	14♐54	26♎14	26♒57	26♒53	12♈45	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s41	22s23	5s10	24s33	1s 0	20s10	1s25	18s47	1s 3	16s11	0n49	22n11	0s29	11n46	0n50	22s 0	0n53	1n29	12n41	12s38	12s15	7n 2		n.a.
S 2	19 27	25 56	5 13	24 35	1 7	19 51	1 25	18 34	1 2	16 13	0 49	22 11	0 29	11 47	0 50	22 0	0 53	1 30	12 41	12 39	12 16	7 6		n.a.
M 3	19 12	27 57	4 59	24 35	1 14	19 31	1 25	18 20	1 2	16 15	0 49	22 11	0 29	11 48	0 50	22 0	0 53	1 30	12 42	12 40	12 17	7 9		n.a.
T 4	18 57	28 16	4 28	24 34	1 20	19 11	1 25	18 7	1 2	16 17	0 49	22 10	0 29	11 49	0 50	22 0	0 53	1 30	12 42	12 41	12 18	7 12		n.a.
W 5	18 42	26 57	3 43	24 31	1 26	18 50	1 26	17 53	1 2	16 19	0 49	22 10	0 29	11 50	0 50	22 0	0 53	1 30	12 42	12 42	12 19	7 16		n.a.
T 6	18 26	24 11	2 47	24 27	1 32	18 28	1 26	17 39	1 1	16 20	0 49	22 10	0 29	11 50	0 50	22 0	0 53	1 31	12 43	12 43	12 20	7 19		n.a.
F 7	18 10	20 15	1 43	24 22	1 37	18 6	1 26	17 25	1 1	16 22	0 49	22 10	0 29	11 51	0 50	22 1	0 53	1 31	12 43	12 44	12 21	7 22		n.a.
S 8	17 54	15 29	0 36	24 15	1 42	17 44	1 26	17 11	1 1	16 24	0 49	22 10	0 28	11 52	0 50	22 1	0 53	1 31	12 43	12 44	12 23	7 25		n.a.
S 9	17 38	10 10	0n32	24 7	1 47	17 21	1 25	16 56	1 0	16 26	0 49	22 10	0 28	11 53	0 50	22 1	0 53	1 32	12 44	12 44	12 24	7 29		n.a.
M10	17 21	4 34	1 38	23 57	1 51	16 58	1 25	16 42	1 0	16 28	0 49	22 10	0 28	11 54	0 50	22 1	0 53	1 32	12 44	12 44	12 25	7 32		n.a.
T 11	17 4	1n 7	2 38	23 45	1 55	16 34	1 25	16 27	1 0	16 29	0 50	22 10	0 28	11 55	0 50	22 1	0 53	1 32	12 44	12 43	12 26	7 35		n.a.
W12	16 46	6 43	3 31	23 32	1 58	16 9	1 25	16 12	0 59	16 31	0 50	22 10	0 28	11 56	0 50	22 1	0 53	1 33	12 45	12 43	12 27	7 38		n.a.
T 13	16 29	12 3	4 15	23 17	2 1	15 45	1 24	15 57	0 59	16 32	0 50	22 10	0 28	11 57	0 50	22 2	0 53	1 33	12 45	12 42	12 28	7 42		n.a.
F 14	16 11	16 59	4 48	23 1	2 4	15 20	1 24	15 42	0 59	16 34	0 50	22 10	0 27	11 57	0 50	22 2	0 53	1 34	12 45	12 42	12 29	7 45		n.a.
S 15	15 53	21 18	5 9	22 42	2 6	14 54	1 23	15 27	0 58	16 35	0 50	22 10	0 27	11 58	0 50	22 2	0 53	1 34	12 46	12 42	12 30	7 48		n.a.
S 16	15 34	24 48	5 17	22 22	2 8	14 28	1 23	15 11	0 58	16 37	0 50	22 10	0 27	11 59	0 50	22 2	0 53	1 34	12 46	12 42	12 31	7 51		n.a.
M17	15 15	27 14	5 10	22 0	2 9	14 2	1 22	14 56	0 58	16 38	0 50	22 10	0 27	12 0	0 50	22 2	0 53	1 35	12 46	12 42	12 33	7 55		n.a.
T 18	14 56	28 20	4 48	21 37	2 10	13 35	1 21	14 40	0 57	16 39	0 50	22 10	0 27	12 1	0 50	22 2	0 54	1 35	12 47	12 42	12 34	7 58		n.a.
W19	14 37	27 54	4 11	21 11	2 10	13 8	1 21	14 24	0 57	16 40	0 50	22 11	0 27	12 2	0 50	22 2	0 54	1 36	12 47	12 43	12 35	8 1		n.a.
T 20	14 18	25 49	3 18	20 44	2 10	12 40	1 20	14 8	0 57	16 42	0 50	22 11	0 27	12 3	0 50	22 2	0 54	1 36	12 47	12 43	12 36	8 4		n.a.
F 21	13 58	22 7	2 13	20 15	2 9	12 13	1 19	13 52	0 56	16 43	0 50	22 11	0 26	12 4	0 50	22 3	0 54	1 37	12 48	12 43	12 37	8 8		n.a.
S 22	13 38	17 2	0 57	19 44	2 8	11 45	1 18	13 36	0 56	16 44	0 50	22 11	0 26	12 5	0 50	22 3	0 54	1 37	12 48	12 43	12 38	8 11		n.a.
S 23	13 18	10 52	0s23	19 11	2 6	11 16	1 17	13 20	0 56	16 45	0 50	22 11	0 26	12 6	0 50	22 3	0 54	1 38	12 48	12 43	12 39	8 14		n.a.
M24	12 58	4 3	1 43	18 36	2 4	10 48	1 16	13 4	0 55	16 46	0 50	22 11	0 26	12 7	0 50	22 3	0 54	1 38	12 49	12 43	12 40	8 17		n.a.
T 25	12 38	3s 0	2 57	18 0	2 1	10 19	1 15	12 47	0 55	16 47	0 50	22 12	0 26	12 8	0 50	22 3	0 54	1 38	12 49	12 43	12 41	8 21		n.a.
W26	12 17	9 51	3 58	17 21	1 58	9 50	1 14	12 31	0 55	16 48	0 50	22 12	0 26	12 9	0 50	22 3	0 54	1 39	12 49	12 43	12 42	8 24		n.a.
T 27	11 56	16 6	4 43	16 41	1 54	9 20	1 13	12 14	0 54	16 49	0 50	22 12	0 25	12 9	0 50	22 3	0 54	1 39	12 49	12 43	12 44	8 27		n.a.
F 28	11s36	21s22	5s10	15s59	1s50	8s51	1s11	11s57	0s54	16s49	0n50	22n12	0s25	12n10	0n50	22s 3	0n54	1n40	12n50	12s43	12s45	8n30		n.a.

Julian Day Number = 1366796.5, Delta T = 06h54m09s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°28'48, Lahiri = -17°21'47 Julian Calendar 1 Feb. 971 BCE == Greg. Calendar 23 Jan. 971 BCE

The year -970 astronomical counting style corresponds to year 971 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 971 BCE
geocentric

MARCH 971 BCE (-970) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 56 27	1♓ 8'07	28♏34	24♒23	11♓44	2♓13	18♏39	12♊19	0°R39	14♐55	26°R14	26°D57	26♒50	12♈51	n.a.	S 1
S 2	10 0 23	2° 6'56	12♐20	26°22	12°58	2°58	18°42	12°20	0♍37	14°56	26♎13	26♒57	26°46	12°58	n.a.	S 2
M 3	10 4 20	3° 5'44	25°46	28°22	14°12	3°43	18°44	12°21	0°34	14°56	26°12	26°57	26°43	13° 5	n.a.	M 3
T 4	10 8 16	4° 4'30	8♑55	0♓23	15°26	4°28	18°46	12°22	0°31	14°57	26°11	26°58	26°40	13°11	n.a.	T 4
W 5	10 12 13	5° 3'13	21°49	2°25	16°40	5°13	18°48	12°23	0°29	14°58	26°10	26°59	26°37	13°18	n.a.	W 5
T 6	10 16 10	6° 1'55	4♒27	4°29	17°54	5°58	18°50	12°25	0°26	14°59	26°10	26°59	26°34	13°25	n.a.	T 6
F 7	10 20 6	7° 0'35	16°54	6°33	19° 8	6°43	18°52	12°26	0°24	14°59	26° 9	27° 0	26°31	13°31	n.a.	F 7
S 8	10 24 3	7°59'13	29°10	8°38	20°22	7°28	18°54	12°28	0°21	15° 0	26° 8	27°R 0	26°27	13°38	n.a.	S 8
S 9	10 27 59	8°57'48	11♓16	10°44	21°36	8°13	18°55	12°29	0°18	15° 1	26° 7	27° 0	26°24	13°45	n.a.	S 9
M10	10 31 56	9°56'22	23°16	12°51	22°50	8°58	18°56	12°31	0°16	15° 1	26° 6	26°59	26°21	13°52	n.a.	M10
T 11	10 35 52	10°54'53	5♈10	14°57	24° 4	9°42	18°57	12°33	0°13	15° 2	26° 5	26°57	26°18	13°58	n.a.	T 11
W12	10 39 49	11°53'23	17° 1	17° 4	25°18	10°27	18°58	12°35	0°11	15° 2	26° 4	26°55	26°15	14° 5	n.a.	W12
T 13	10 43 45	12°51'50	28°50	19°11	26°32	11°11	18°59	12°37	0° 8	15° 3	26° 3	26°52	26°11	14°12	n.a.	T 13
F 14	10 47 42	13°50'15	10♉43	21°17	27°46	11°56	18°59	12°39	0° 6	15° 3	26° 2	26°50	26° 8	14°18	n.a.	F 14
S 15	10 51 38	14°48'38	22°41	23°22	29° 0	12°40	18°59	12°42	0° 3	15° 4	26° 1	26°48	26° 5	14°25	n.a.	S 15
S 16	10 55 35	15°46'59	4♊49	25°26	0♈13	13°25	18°R59	12°44	0° 1	15° 4	26° 0	26°47	26° 2	14°32	n.a.	S 16
M17	10 59 32	16°45'17	17°11	27°28	1°27	14° 9	18°59	12°47	29♌58	15° 4	25°58	26°D46	25°59	14°38	n.a.	M17
T 18	11 3 28	17°43'34	29°51	29°29	2°41	14°54	18°59	12°49	29°56	15° 5	25°57	26°47	25°56	14°45	n.a.	T 18
W19	11 7 25	18°41'48	12♋54	1♈28	3°55	15°38	18°58	12°52	29°54	15° 5	25°56	26°48	25°52	14°52	n.a.	W19
T 20	11 11 21	19°40'00	26°22	3°24	5° 8	16°22	18°58	12°55	29°51	15° 5	25°55	26°49	25°49	14°58	n.a.	T 20
F 21	11 15 18	20°38'10	10♌17	5°18	6°22	17° 6	18°57	12°58	29°49	15° 5	25°54	26°51	25°46	15° 5	n.a.	F 21
S 22	11 19 14	21°36'17	24°38	7° 8	7°36	17°50	18°56	13° 1	29°47	15° 6	25°52	26°R51	25°43	15°12	n.a.	S 22
S 23	11 23 11	22°34'23	9♍22	8°56	8°49	18°34	18°55	13° 4	29°44	15° 6	25°51	26°51	25°40	15°19	n.a.	S 23
M24	11 27 7	23°32'27	24°23	10°40	10° 3	19°18	18°53	13° 7	29°42	15° 6	25°50	26°49	25°37	15°25	n.a.	M24
T 25	11 31 4	24°30'29	9♎33	12°20	11°16	20° 2	18°51	13°10	29°40	15° 6	25°48	26°46	25°33	15°32	n.a.	T 25
W26	11 35 0	25°28'29	24°42	13°57	12°30	20°46	18°50	13°13	29°37	15° 6	25°47	26°42	25°30	15°39	n.a.	W26
T 27	11 38 57	26°26'28	9♏40	15°30	13°43	21°30	18°48	13°17	29°35	15°R 6	25°46	26°38	25°27	15°45	n.a.	T 27
F 28	11 42 54	27°24'25	24°19	17° 0	14°57	22°14	18°46	13°20	29°33	15° 6	25°44	26°35	25°24	15°52	n.a.	F 28
S 29	11 46 50	28°22'21	8♐35	18°25	16°10	22°58	18°43	13°24	29°31	15° 6	25°43	26°32	25°21	15°59	n.a.	S 29
S 30	11 50 47	29°20'15	22°26	19°46	17°24	23°41	18°41	13°28	29°29	15° 6	25°42	26°31	25°17	16° 5	n.a.	S 30
M31	11 54 43	0♈18'08	5♑50	21♈ 2	18♈37	24♓25	18♏38	13♊32	29♌27	15♐ 6	25♎40	26°D31	25♒14	16♈12	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s14	25s18	5s17	15s15	1s45	8s21	1s10	11s41	0s53	16s50	0n50	22n12	0s25	12n11	0n50	22s 3	0n54	1n41	12n50	12s43	12s46	8n33		n.a.
S 2	10 53	27 41	5 6	14 29	1 40	7 51	1 9	11 24	0 53	16 51	0 50	22 13	0 25	12 12	0 50	22 3	0 54	1 41	12 50	12 43	12 47	8 37		n.a.
M 3	10 32	28 23	4 38	13 41	1 34	7 20	1 7	11 7	0 53	16 52	0 50	22 13	0 25	12 13	0 50	22 3	0 54	1 42	12 51	12 43	12 48	8 40		n.a.
T 4	10 10	27 26	3 56	12 52	1 27	6 50	1 6	10 50	0 52	16 52	0 50	22 13	0 25	12 14	0 50	22 4	0 54	1 42	12 51	12 43	12 49	8 43		n.a.
W 5	9 48	25 1	3 3	12 1	1 20	6 19	1 4	10 33	0 52	16 53	0 51	22 14	0 25	12 15	0 50	22 4	0 54	1 43	12 51	12 43	12 50	8 46		n.a.
T 6	9 26	21 25	2 2	11 8	1 12	5 48	1 2	10 15	0 51	16 53	0 51	22 14	0 24	12 16	0 50	22 4	0 54	1 43	12 51	12 42	12 51	8 50		n.a.
F 7	9 4	16 54	0 56	10 14	1 4	5 17	1 1	9 58	0 51	16 54	0 51	22 14	0 24	12 17	0 50	22 4	0 54	1 44	12 52	12 42	12 52	8 53		n.a.
S 8	8 42	11 45	0n12	9 19	0 55	4 46	0 59	9 41	0 50	16 54	0 51	22 15	0 24	12 18	0 50	22 4	0 54	1 44	12 52	12 42	12 53	8 56		n.a.
S 9	8 20	6 15	1 18	8 22	0 46	4 15	0 57	9 23	0 50	16 54	0 51	22 15	0 24	12 19	0 50	22 4	0 54	1 45	12 52	12 42	12 55	8 59		n.a.
M10	7 58	0 34	2 20	7 24	0 37	3 44	0 55	9 6	0 50	16 55	0 51	22 15	0 24	12 20	0 50	22 4	0 54	1 45	12 52	12 43	12 56	9 2		n.a.
T 11	7 35	5n 4	3 16	6 26	0 27	3 13	0 54	8 48	0 49	16 55	0 51	22 16	0 24	12 21	0 50	22 4	0 54	1 46	12 53	12 43	12 57	9 6		n.a.
W12	7 13	10 30	4 2	5 26	0 16	2 41	0 52	8 31	0 49	16 55	0 51	22 16	0 24	12 21	0 50	22 4	0 54	1 47	12 53	12 44	12 58	9 9		n.a.
T 13	6 50	15 33	4 39	4 26	0 6	2 9	0 50	8 13	0 48	16 55	0 51	22 17	0 23	12 22	0 50	22 4	0 54	1 47	12 53	12 45	12 59	9 12		n.a.
F 14	6 27	20 3	5 3	3 26	0n 5	1 38	0 48	7 56	0 48	16 55	0 51	22 17	0 23	12 23	0 50	22 4	0 54	1 48	12 53	12 46	13 0	9 15		n.a.
S 15	6 4	23 47	5 15	2 26	0 16	1 6	0 46	7 38	0 47	16 55	0 51	22 17	0 23	12 24	0 50	22 4	0 54	1 48	12 54	12 46	13 1	9 18		n.a.
S 16	5 41	26 33	5 12	1 26	0 27	0 35	0 44	7 20	0 47	16 55	0 51	22 18	0 23	12 25	0 50	22 4	0 54	1 49	12 54	12 47	13 2	9 21		n.a.
M17	5 18	28 5	4 56	0 26	0 39	0 3	0 42	7 2	0 46	16 55	0 51	22 18	0 23	12 26	0 50	22 4	0 54	1 50	12 54	12 47	13 3	9 25		n.a.
T 18	4 55	28 13	4 24	0n33	0 50	0n29	0 39	6 45	0 46	16 55	0 51	22 19	0 23	12 27	0 50	22 4	0 54	1 50	12 54	12 47	13 4	9 28		n.a.
W19	4 32	26 48	3 39	1 31	1 1	1 1	0 37	6 27	0 45	16 55	0 51	22 19	0 23	12 28	0 50	22 4	0 54	1 51	12 54	12 46	13 6	9 31		n.a.
T 20	4 9	23 50	2 40	2 28	1 12	1 32	0 35	6 9	0 45	16 55	0 51	22 20	0 22	12 28	0 50	22 4	0 54	1 51	12 55	12 46	13 7	9 34		n.a.
F 21	3 46	19 23	1 30	3 23	1 22	2 4	0 33	5 51	0 45	16 54	0 51	22 20	0 22	12 29	0 50	22 4	0 54	1 52	12 55	12 45	13 8	9 37		n.a.
S 22	3 23	13 42	0 12	4 17	1 32	2 36	0 30	5 33	0 44	16 54	0 51	22 21	0 22	12 30	0 50	22 4	0 54	1 53	12 55	12 45	13 9	9 41		n.a.
S 23	2 59	7 8	1s 8	5 9	1 42	3 7	0 28	5 15	0 44	16 54	0 51	22 21	0 22	12 31	0 50	22 4	0 54	1 53	12 55	12 45	13 10	9 44		n.a.
M24	2 36	0 3	2 25	5 59	1 52	3 39	0 26	4 57	0 43	16 53	0 51	22 22	0 22	12 32	0 50	22 4	0 54	1 54	12 55	12 46	13 11	9 47		n.a.
T 25	2 13	7s 6	3 33	6 47	2 0	4 10	0 23	4 39	0 43	16 53	0 51	22 22	0 22	12 32	0 50	22 4	0 54	1 54	12 55	12 47	13 12	9 50		n.a.
W26	1 50	13 49	4 26	7 33	2 8	4 41	0 21	4 21	0 42	16 52	0 51	22 23	0 22	12 33	0 50	22 4	0 54	1 55	12 56	12 48	13 13	9 53		n.a.
T 27	1 26	19 39	4 59	8 17	2 16	5 13	0 19	4 3	0 42	16 52	0 51	22 24	0 22	12 34	0 50	22 4	0 54	1 56	12 56	12 50	13 14	9 56		n.a.
F 28	1 3	24 11	5 13	8 58	2 23	5 44	0 16	3 45	0 41	16 51	0 51	22 24	0 21	12 35	0 50	22 4	0 54	1 56	12 56	12 51	13 15	9 59		n.a.
S 29	0 39	27 7	5 6	9 37	2 29	6 15	0 14	3 27	0 41	16 51	0 51	22 25	0 21	12 36	0 50	22 4	0 54	1 57	12 56	12 52	13 16	10 3		n.a.
S 30	0 16	28 17	4 41	10 13	2 34	6 46	0 11	3 9	0 40	16 50	0 51	22 25	0 21	12 36	0 50	22 4	0 54	1 57	12 56	12 52	13 17	10 6		n.a.
M31	0n 7	27s43	4s 2	10n47	2n39	7n16	0s 9	2s51	0s40	16s49	0n51	22n26	0s21	12n37	0n49	22s 4	0n54	1n58	12n56	12s52	13s19	10n 9		n.a.

Julian Day Number = 1366824.5, Delta T = 06h54m07s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°28'44, Lahiri = -17°21'44 Julian Calendar 1 March 971 BCE == Greg. Calendar 20 Feb. 971 BCE

The year -970 astronomical counting style corresponds to year 971 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 971 BCE
geocentric

APRIL 971 BCE (-970) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 58 40	1♈16'00	18♉52	22♈15	19♈50	25♓ 9	18°R35	13♊36	29°R24	15°R 6	25°R39	26♒32	25♒11	16♈19	n.a.	T 1
W 2	12 2 36	2°13'50	1♒34	23°23	21° 4	25°52	18♏32	13°40	29♌22	15♐ 6	25♎37	26°33	25° 8	16°25	n.a.	W 2
T 3	12 6 33	3°11'39	13°59	24°27	22°17	26°36	18°29	13°44	29°20	15° 5	25°36	26°35	25° 5	16°32	n.a.	T 3
F 4	12 10 29	4° 9'26	26°12	25°27	23°30	27°19	18°25	13°48	29°18	15° 5	25°34	26°R35	25° 2	16°39	n.a.	F 4
S 5	12 14 26	5° 7'12	8♓15	26°21	24°44	28° 3	18°22	13°52	29°16	15° 5	25°33	26°34	24°58	16°46	n.a.	S 5
S 6	12 18 23	6° 4'57	20°12	27°12	25°57	28°46	18°18	13°56	29°15	15° 5	25°31	26°32	24°55	16°52	n.a.	S 6
M 7	12 22 19	7° 2'40	2♈ 4	27°57	27°10	29°29	18°14	14° 1	29°13	15° 4	25°30	26°27	24°52	16°59	n.a.	M 7
T 8	12 26 16	8° 0'21	13°55	28°38	28°23	0♈12	18°10	14° 5	29°11	15° 4	25°28	26°21	24°49	17° 6	n.a.	T 8
W 9	12 30 12	8°58'02	25°45	29°15	29°36	0°56	18° 6	14°10	29° 9	15° 3	25°27	26°14	24°46	17°12	n.a.	W 9
T 10	12 34 9	9°55'40	7♉37	29°46	0♉50	1°39	18° 1	14°15	29° 7	15° 3	25°25	26° 5	24°43	17°19	n.a.	T 10
F 11	12 38 5	10°53'18	19°32	0♉13	2° 3	2°22	17°57	14°19	29° 6	15° 3	25°24	25°57	24°39	17°26	n.a.	F 11
S 12	12 42 2	11°50'53	1♊33	0°34	3°16	3° 5	17°52	14°24	29° 4	15° 2	25°22	25°50	24°36	17°32	n.a.	S 12
S 13	12 45 58	12°48'27	13°43	0°51	4°29	3°48	17°47	14°29	29° 2	15° 2	25°20	25°45	24°33	17°39	n.a.	S 13
M14	12 49 55	13°46'00	26° 5	1° 3	5°42	4°31	17°42	14°34	29° 1	15° 1	25°19	25°41	24°30	17°46	n.a.	M14
T 15	12 53 52	14°43'31	8♋43	1°10	6°55	5°13	17°37	14°39	28°59	15° 0	25°17	25°39	24°27	17°52	n.a.	T 15
W16	12 57 48	15°41'01	21°40	1°R12	8° 8	5°56	17°31	14°44	28°58	15° 0	25°16	25°D39	24°23	17°59	n.a.	W16
T 17	13 1 45	16°38'29	5♌ 0	1°10	9°21	6°39	17°26	14°50	28°56	14°59	25°14	25°40	24°20	18° 6	n.a.	T 17
F 18	13 5 41	17°35'55	18°46	1° 3	10°34	7°22	17°20	14°55	28°55	14°59	25°12	25°R41	24°17	18°13	n.a.	F 18
S 19	13 9 38	18°33'20	3♍ 0	0°52	11°46	8° 4	17°15	15° 0	28°53	14°58	25°11	25°41	24°14	18°19	n.a.	S 19
S 20	13 13 34	19°30'44	17°40	0°36	12°59	8°47	17° 9	15° 6	28°52	14°57	25° 9	25°39	24°11	18°26	n.a.	S 20
M21	13 17 31	20°28'06	2♎40	0°17	14°12	9°29	17° 3	15°11	28°51	14°56	25° 7	25°35	24° 8	18°33	n.a.	M21
T 22	13 21 27	21°25'27	17°55	29♈55	15°25	10°12	16°57	15°17	28°49	14°56	25° 6	25°29	24° 4	18°39	n.a.	T 22
W23	13 25 24	22°22'47	3♏13	29°29	16°37	10°54	16°50	15°22	28°48	14°55	25° 4	25°21	24° 1	18°46	n.a.	W23
T 24	13 29 21	23°20'06	18°24	29° 1	17°50	11°37	16°44	15°28	28°47	14°54	25° 3	25°13	23°58	18°53	n.a.	T 24
F 25	13 33 17	24°17'24	3♐16	28°30	19° 3	12°19	16°38	15°34	28°46	14°53	25° 1	25° 5	23°55	18°59	n.a.	F 25
S 26	13 37 14	25°14'42	17°44	27°58	20°15	13° 1	16°31	15°40	28°45	14°52	24°59	24°58	23°52	19° 6	n.a.	S 26
S 27	13 41 10	26°11'59	1♑43	27°25	21°28	13°44	16°24	15°45	28°44	14°51	24°58	24°54	23°48	19°13	n.a.	S 27
M28	13 45 7	27° 9'15	15°13	26°51	22°41	14°26	16°18	15°51	28°43	14°50	24°56	24°51	23°45	19°20	n.a.	M28
T 29	13 49 3	28° 6'31	28°16	26°18	23°53	15° 8	16°11	15°57	28°42	14°50	24°54	24°D50	23°42	19°26	n.a.	T 29
W30	13 53 0	29♈ 3'46	10♒55	25♈45	25♉ 6	15♈50	16♏ 4	16♊ 3	28♌41	14♐49	24♎53	24♒51	23♒39	19♈33	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n31	25s37	3s11	11n18	2n42	7n47	0s 6	2s33	0s39	16s48	0n51	22n27	0s21	12n38	0n49	22s 4	0n54	1n59	12n56	12s52	13s20	10n12		n.a.
W 2	0 54	22 16	2 12	11 46	2 45	8 17	0 4	2 15	0 39	16 47	0 51	22 27	0 21	12 38	0 49	22 4	0 54	1 59	12 56	12 52	13 21	10 15		n.a.
T 3	1 17	17 59	1 8	12 12	2 47	8 48	0 1	1 57	0 38	16 46	0 51	22 28	0 21	12 39	0 49	22 4	0 54	2 0	12 56	12 51	13 22	10 18		n.a.
F 4	1 41	13 1	0 2	12 35	2 48	9 18	0n 2	1 39	0 37	16 46	0 51	22 28	0 20	12 40	0 49	22 4	0 54	2 1	12 57	12 51	13 23	10 21		n.a.
S 5	2 4	7 38	1n 3	12 56	2 48	9 47	0 4	1 21	0 37	16 45	0 51	22 29	0 20	12 40	0 49	22 4	0 54	2 1	12 57	12 51	13 24	10 25		n.a.
S 6	2 27	2 2	2 5	13 13	2 47	10 17	0 7	1 3	0 36	16 43	0 51	22 30	0 20	12 41	0 49	22 4	0 54	2 2	12 57	12 52	13 25	10 28		n.a.
M 7	2 50	3n35	3 1	13 28	2 45	10 46	0 9	0 45	0 36	16 42	0 51	22 30	0 20	12 42	0 49	22 4	0 54	2 2	12 57	12 53	13 26	10 31		n.a.
T 8	3 13	9 4	3 48	13 40	2 42	11 15	0 12	0 27	0 35	16 41	0 51	22 31	0 20	12 42	0 49	22 4	0 54	2 3	12 57	12 56	13 27	10 34		n.a.
W 9	3 36	14 13	4 26	13 50	2 38	11 44	0 15	0 9	0 35	16 40	0 51	22 32	0 20	12 43	0 49	22 4	0 54	2 4	12 57	12 58	13 28	10 37		n.a.
T 10	4 0	18 51	4 52	13 56	2 33	12 13	0 17	0n 8	0 34	16 39	0 51	22 32	0 20	12 44	0 49	22 4	0 54	2 4	12 57	13 1	13 29	10 40		n.a.
F 11	4 22	22 47	5 6	14 0	2 27	12 41	0 20	0 26	0 34	16 38	0 51	22 33	0 20	12 44	0 49	22 3	0 54	2 5	12 57	13 4	13 30	10 43		n.a.
S 12	4 45	25 47	5 6	14 1	2 19	13 9	0 23	0 44	0 33	16 36	0 51	22 34	0 19	12 45	0 49	22 3	0 54	2 5	12 57	13 6	13 32	10 46		n.a.
S 13	5 8	27 39	4 53	14 0	2 11	13 36	0 25	1 2	0 33	16 35	0 51	22 35	0 19	12 45	0 49	22 3	0 54	2 6	12 57	13 8	13 33	10 50		n.a.
M14	5 31	28 11	4 26	13 55	2 2	14 4	0 28	1 20	0 32	16 33	0 51	22 35	0 19	12 46	0 49	22 3	0 54	2 7	12 57	13 9	13 34	10 53		n.a.
T 15	5 53	27 16	3 45	13 48	1 52	14 31	0 30	1 38	0 32	16 32	0 51	22 36	0 19	12 46	0 49	22 3	0 55	2 7	12 57	13 10	13 35	10 56		n.a.
W16	6 16	24 53	2 53	13 38	1 40	14 57	0 33	1 55	0 31	16 31	0 51	22 37	0 19	12 47	0 49	22 3	0 55	2 8	12 57	13 10	13 36	10 59		n.a.
T 17	6 38	21 4	1 49	13 26	1 28	15 24	0 36	2 13	0 30	16 29	0 51	22 37	0 19	12 47	0 49	22 3	0 55	2 8	12 57	13 10	13 37	11 2		n.a.
F 18	7 1	16 1	0 37	13 11	1 15	15 49	0 38	2 31	0 30	16 27	0 51	22 38	0 19	12 48	0 49	22 3	0 55	2 9	12 57	13 9	13 38	11 5		n.a.
S 19	7 23	9 57	0s39	12 54	1 1	16 15	0 41	2 48	0 29	16 26	0 51	22 39	0 19	12 48	0 49	22 3	0 55	2 9	12 57	13 9	13 39	11 8		n.a.
S 20	7 45	3 11	1 55	12 34	0 46	16 40	0 43	3 6	0 29	16 24	0 51	22 40	0 18	12 49	0 49	22 3	0 55	2 10	12 57	13 10	13 40	11 11		n.a.
M21	8 7	3s54	3 5	12 13	0 30	17 5	0 46	3 23	0 28	16 23	0 51	22 40	0 18	12 49	0 49	22 3	0 55	2 10	12 57	13 11	13 41	11 14		n.a.
T 22	8 29	10 51	4 2	11 50	0 14	17 29	0 48	3 41	0 28	16 21	0 51	22 41	0 18	12 50	0 49	22 3	0 55	2 11	12 57	13 13	13 42	11 17		n.a.
W23	8 51	17 12	4 43	11 25	0s 3	17 53	0 51	3 58	0 27	16 19	0 51	22 42	0 18	12 50	0 49	22 2	0 55	2 12	12 57	13 16	13 43	11 20		n.a.
T 24	9 12	22 24	5 3	10 59	0 19	18 16	0 53	4 15	0 27	16 17	0 51	22 42	0 18	12 50	0 49	22 2	0 55	2 12	12 57	13 19	13 44	11 24		n.a.
F 25	9 34	26 4	5 2	10 32	0 37	18 39	0 56	4 33	0 26	16 16	0 51	22 43	0 18	12 51	0 49	22 2	0 55	2 13	12 57	13 22	13 45	11 27		n.a.
S 26	9 55	27 54	4 41	10 5	0 54	19 1	0 58	4 50	0 25	16 14	0 51	22 44	0 18	12 51	0 49	22 2	0 55	2 13	12 57	13 24	13 47	11 30		n.a.
S 27	10 16	27 53	4 5	9 37	1 11	19 23	1 0	5 7	0 25	16 12	0 51	22 45	0 18	12 51	0 49	22 2	0 55	2 14	12 57	13 26	13 48	11 33		n.a.
M28	10 37	26 10	3 15	9 9	1 27	19 44	1 3	5 24	0 24	16 10	0 50	22 45	0 18	12 52	0 49	22 2	0 55	2 14	12 56	13 26	13 49	11 36		n.a.
T 29	10 58	23 4	2 17	8 42	1 43	20 5	1 5	5 41	0 24	16 8	0 50	22 46	0 17	12 52	0 49	22 2	0 55	2 15	12 56	13 27	13 50	11 39		n.a.
W30	11n19	18s57	1s14	8n15	1s59	20n25	1n 7	5n58	0s23	16s 6	0n50	22n47	0s17	12n52	0n49	22s 2	0n55	2n15	12n56	13s27	13s51	11n42		n.a.

Julian Day Number = 1366855.5, Delta T = 06h54m06s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°28'40, Lahiri = -17°21'39 Julian Calendar 1 Apr. 971 BCE == Greg. Calendar 23 March 971 BCE

The year -970 astronomical counting style corresponds to year 971 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 971 BCE
geocentric

MAY 971 BCE (-970) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 56 56	0♉ 1'00	23♒15	25°R13	26♉18	16♈32	15°R57	16♊10	28°R40	14°R48	24°R51	24°R51	23♒36	19♈40	n.a.	T 1
F 2	14 0 53	0°58'14	5♓21	24♈43	27°31	17°14	15♏50	16°16	28♌39	14♐46	24♎49	24♒51	23°33	19°46	n.a.	F 2
S 3	14 4 50	1°55'27	17°18	24°16	28°43	17°56	15°43	16°22	28°39	14°45	24°48	24°48	23°29	19°53	n.a.	S 3
S 4	14 8 46	2°52'40	29° 9	23°51	29°55	18°38	15°35	16°28	28°38	14°44	24°46	24°44	23°26	20° 0	n.a.	S 4
M 5	14 12 43	3°49'52	10♈59	23°29	1♊ 8	19°19	15°28	16°35	28°37	14°43	24°45	24°36	23°23	20° 6	n.a.	M 5
T 6	14 16 39	4°47'04	22°48	23°11	2°20	20° 1	15°21	16°41	28°37	14°42	24°43	24°26	23°20	20°13	n.a.	T 6
W 7	14 20 36	5°44'15	4♉41	22°56	3°32	20°43	15°13	16°47	28°36	14°41	24°41	24°14	23°17	20°20	n.a.	W 7
T 8	14 24 32	6°41'25	16°37	22°46	4°45	21°25	15° 6	16°54	28°36	14°40	24°40	24° 1	23°14	20°27	n.a.	T 8
F 9	14 28 29	7°38'35	28°39	22°39	5°57	22° 6	14°58	17° 1	28°36	14°39	24°38	23°49	23°10	20°33	n.a.	F 9
S 10	14 32 25	8°35'45	10♊48	22°D38	7° 9	22°48	14°51	17° 7	28°35	14°37	24°37	23°37	23° 7	20°40	n.a.	S 10
S 11	14 36 22	9°32'54	23° 6	22°40	8°21	23°29	14°43	17°14	28°35	14°36	24°35	23°27	23° 4	20°47	n.a.	S 11
M12	14 40 19	10°30'02	5♋34	22°47	9°33	24°11	14°36	17°20	28°35	14°35	24°33	23°21	23° 1	20°53	n.a.	M12
T 13	14 44 15	11°27'10	18°15	22°59	10°45	24°52	14°28	17°27	28°34	14°34	24°32	23°17	22°58	21° 0	n.a.	T 13
W14	14 48 12	12°24'17	1♌12	23°16	11°57	25°34	14°20	17°34	28°34	14°32	24°30	23°15	22°54	21° 7	n.a.	W14
T 15	14 52 8	13°21'23	14°28	23°37	13° 9	26°15	14°13	17°41	28°34	14°31	24°29	23°D14	22°51	21°13	n.a.	T 15
F 16	14 56 5	14°18'28	28° 7	24° 2	14°21	26°56	14° 5	17°48	28°D34	14°30	24°27	23°R14	22°48	21°20	n.a.	F 16
S 17	15 0 1	15°15'33	12♍ 9	24°33	15°33	27°37	13°57	17°55	28°34	14°28	24°26	23°13	22°45	21°27	n.a.	S 17
S 18	15 3 58	16°12'38	26°36	25° 7	16°45	28°18	13°50	18° 2	28°34	14°27	24°24	23°11	22°42	21°34	n.a.	S 18
M19	15 7 55	17° 9'42	11♎24	25°47	17°57	28°59	13°42	18° 9	28°34	14°26	24°23	23° 5	22°39	21°40	n.a.	M19
T 20	15 11 51	18° 6'45	26°28	26°30	19° 9	29°40	13°34	18°16	28°34	14°24	24°21	22°57	22°35	21°47	n.a.	T 20
W21	15 15 48	19° 3'49	11♏39	27°18	20°20	0♉21	13°27	18°23	28°35	14°23	24°20	22°48	22°32	21°54	n.a.	W21
T 22	15 19 44	20° 0'52	26°47	28°10	21°32	1° 2	13°19	18°30	28°35	14°21	24°18	22°37	22°29	22° 0	n.a.	T 22
F 23	15 23 41	20°57'55	11♐41	29° 6	22°44	1°43	13°12	18°37	28°35	14°20	24°17	22°26	22°26	22° 7	n.a.	F 23
S 24	15 27 37	21°54'59	26°13	0♉ 7	23°55	2°24	13° 4	18°44	28°36	14°18	24°16	22°17	22°23	22°14	n.a.	S 24
S 25	15 31 34	22°52'02	10♑17	1°11	25° 7	3° 5	12°57	18°51	28°36	14°17	24°14	22°11	22°20	22°21	n.a.	S 25
M26	15 35 30	23°49'06	23°52	2°20	26°18	3°46	12°49	18°59	28°37	14°15	24°13	22° 6	22°16	22°27	n.a.	M26
T 27	15 39 27	24°46'10	6♒58	3°32	27°30	4°26	12°42	19° 6	28°37	14°14	24°12	22° 5	22°13	22°34	n.a.	T 27
W28	15 43 24	25°43'14	19°39	4°49	28°41	5° 7	12°35	19°13	28°38	14°12	24°10	22° 4	22°10	22°41	n.a.	W28
T 29	15 47 20	26°40'19	2♓ 0	6° 9	29°53	5°48	12°27	19°21	28°38	14°11	24° 9	22° 4	22° 7	22°47	n.a.	T 29
F 30	15 51 17	27°37'24	14° 6	7°33	1♋ 4	6°28	12°20	19°28	28°39	14° 9	24° 8	22° 3	22° 4	22°54	n.a.	F 30
S 31	15 55 13	28♉34'30	26♓ 2	9♉ 1	2♋15	7♉ 9	12♏13	19♊35	28♌40	14♐ 8	24♎ 6	22♒ 1	22♒ 0	23♈ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11n39	14s 7	0s 9	7n50	2s14	20n45	1n10	6n15	0s22	16s 4	0n50	22n48	0s17	12n52	0n48	22s 1	0n55	2n16	12n56	13s26	13s52	11n45			n.a.
F 2	12 0	8 50	0n56	7 26	2 28	21 5	1 12	6 32	0 22	16 2	0 50	22 49	0 17	12 53	0 48	22 1	0 55	2 16	12 56	13 27	13 53	11 48			n.a.
S 3	12 20	3 19	1 56	7 3	2 41	21 23	1 14	6 49	0 21	16 0	0 50	22 49	0 17	12 53	0 48	22 1	0 55	2 16	12 56	13 27	13 54	11 51			n.a.
S 4	12 40	2n17	2 52	6 43	2 54	21 41	1 16	7 6	0 21	15 58	0 50	22 50	0 17	12 53	0 48	22 1	0 55	2 17	12 56	13 29	13 55	11 54			n.a.
M 5	12 59	7 45	3 39	6 24	3 5	21 59	1 18	7 22	0 20	15 56	0 50	22 51	0 17	12 53	0 48	22 1	0 55	2 17	12 56	13 32	13 56	11 57			n.a.
T 6	13 19	12 58	4 17	6 8	3 14	22 16	1 20	7 39	0 20	15 54	0 50	22 52	0 17	12 53	0 48	22 1	0 55	2 18	12 55	13 35	13 57	12 0			n.a.
W 7	13 38	17 43	4 44	5 55	3 23	22 32	1 22	7 55	0 19	15 52	0 50	22 52	0 17	12 54	0 48	22 1	0 55	2 18	12 55	13 39	13 58	12 3			n.a.
T 8	13 58	21 49	4 58	5 44	3 31	22 48	1 24	8 12	0 18	15 50	0 50	22 53	0 16	12 54	0 48	22 1	0 55	2 19	12 55	13 43	13 59	12 6			n.a.
F 9	14 17	25 2	5 0	5 36	3 37	23 3	1 26	8 28	0 18	15 48	0 49	22 54	0 16	12 54	0 48	22 0	0 55	2 19	12 55	13 48	14 0	12 9			n.a.
S 10	14 35	27 9	4 48	5 30	3 42	23 17	1 28	8 44	0 17	15 45	0 49	22 55	0 16	12 54	0 48	22 0	0 55	2 19	12 55	13 51	14 1	12 12			n.a.
S 11	14 54	28 0	4 22	5 28	3 46	23 31	1 30	9 0	0 17	15 43	0 49	22 55	0 16	12 54	0 48	22 0	0 55	2 20	12 54	13 55	14 2	12 15			n.a.
M12	15 12	27 25	3 44	5 28	3 49	23 44	1 31	9 16	0 16	15 41	0 49	22 56	0 16	12 54	0 48	22 0	0 55	2 20	12 54	13 57	14 3	12 18			n.a.
T 13	15 30	25 25	2 54	5 31	3 50	23 57	1 33	9 32	0 15	15 39	0 49	22 57	0 16	12 54	0 48	22 0	0 55	2 20	12 54	13 58	14 5	12 21			n.a.
W14	15 48	22 3	1 54	5 37	3 51	24 8	1 35	9 48	0 15	15 37	0 49	22 58	0 16	12 54	0 48	22 0	0 55	2 21	12 54	13 59	14 6	12 24			n.a.
T 15	16 6	17 29	0 46	5 45	3 50	24 20	1 36	10 4	0 14	15 35	0 49	22 58	0 16	12 54	0 48	21 59	0 55	2 21	12 54	13 59	14 7	12 27			n.a.
F 16	16 23	11 55	0s26	5 56	3 49	24 30	1 38	10 20	0 14	15 33	0 49	22 59	0 16	12 54	0 48	21 59	0 55	2 22	12 53	13 59	14 8	12 30			n.a.
S 17	16 40	5 36	1 38	6 9	3 46	24 40	1 39	10 35	0 13	15 30	0 48	23 0	0 15	12 54	0 48	21 59	0 55	2 22	12 53	13 59	14 9	12 33			n.a.
S 18	16 57	1s10	2 46	6 25	3 43	24 49	1 41	10 51	0 12	15 28	0 48	23 1	0 15	12 54	0 48	21 59	0 55	2 22	12 53	14 0	14 10	12 36			n.a.
M19	17 13	8 1	3 45	6 44	3 38	24 57	1 42	11 6	0 12	15 26	0 48	23 1	0 15	12 54	0 48	21 59	0 55	2 22	12 53	14 2	14 11	12 39			n.a.
T 20	17 30	14 32	4 29	7 4	3 33	25 5	1 43	11 21	0 11	15 24	0 48	23 2	0 15	12 54	0 48	21 59	0 55	2 23	12 52	14 5	14 12	12 42			n.a.
W21	17 46	20 14	4 55	7 27	3 27	25 11	1 44	11 37	0 10	15 22	0 48	23 3	0 15	12 54	0 48	21 58	0 55	2 23	12 52	14 8	14 13	12 45			n.a.
T 22	18 1	24 35	4 59	7 52	3 20	25 18	1 46	11 52	0 10	15 20	0 48	23 3	0 15	12 54	0 48	21 58	0 55	2 23	12 52	14 11	14 14	12 48			n.a.
F 23	18 17	27 13	4 44	8 19	3 13	25 23	1 47	12 7	0 9	15 17	0 47	23 4	0 15	12 53	0 48	21 58	0 55	2 24	12 52	14 15	14 15	12 51			n.a.
S 24	18 32	27 55	4 10	8 48	3 5	25 28	1 48	12 22	0 9	15 15	0 47	23 5	0 15	12 53	0 47	21 58	0 55	2 24	12 51	14 18	14 16	12 54			n.a.
S 25	18 47	26 45	3 22	9 19	2 56	25 32	1 48	12 36	0 8	15 13	0 47	23 6	0 15	12 53	0 47	21 58	0 55	2 24	12 51	14 20	14 17	12 57			n.a.
M26	19 1	24 1	2 23	9 52	2 47	25 35	1 49	12 51	0 7	15 11	0 47	23 6	0 15	12 53	0 47	21 58	0 55	2 24	12 51	14 21	14 18	13 0			n.a.
T 27	19 15	20 6	1 19	10 26	2 37	25 37	1 50	13 6	0 7	15 9	0 47	23 7	0 14	12 53	0 47	21 57	0 55	2 24	12 50	14 22	14 19	13 3			n.a.
W28	19 29	15 21	0 13	11 1	2 27	25 39	1 51	13 20	0 6	15 7	0 47	23 8	0 14	12 52	0 47	21 57	0 55	2 25	12 50	14 22	14 20	13 6			n.a.
T 29	19 43	10 7	0n52	11 38	2 16	25 40	1 51	13 34	0 5	15 5	0 46	23 8	0 14	12 52	0 47	21 57	0 55	2 25	12 50	14 22	14 21	13 9			n.a.
F 30	19 56	4 36	1 54	12 16	2 5	25 40	1 52	13 49	0 5	15 3	0 46	23 9	0 14	12 52	0 47	21 57	0 55	2 25	12 49	14 23	14 22	13 12			n.a.
S 31	20n 9	0n59	2n49	12n56	1s54	25n40	1n52	14n 3	0s 4	15s 1	0n46	23n10	0s14	12n51	0n47	21s57	0n55	2n25	12n49	14s23	14s23	13n15			n.a.

Julian Day Number = 1366885.5, Delta T = 06h54m04s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°28'36, Lahiri = -17°21'35 Julian Calendar 1 May 971 BCE == Greg. Calendar 22 Apr. 971 BCE

The year -970 astronomical counting style corresponds to year 971 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 971 BCE
geocentric

JUNE 971 BCE (-970) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 59 10	29♉31'36	7♈52	10♉32	3♋26	7♉49	12°R 6	19♊43	28♌41	14°R 6	24°R 5	21°R56	21♒57	23♈ 7	n.a.	S 1
M 2	16 3 6	0♊28'42	19°42	12° 7	4°38	8°30	11♏59	19°50	28°41	14♐ 5	24♎ 4	21♒48	21°54	23°14	n.a.	M 2
T 3	16 7 3	1°25'49	1♉34	13°46	5°49	9°10	11°52	19°58	28°42	14° 3	24° 3	21°38	21°51	23°21	n.a.	T 3
W 4	16 11 0	2°22'57	13°31	15°28	7° 0	9°50	11°45	20° 5	28°43	14° 2	24° 1	21°26	21°48	23°28	n.a.	W 4
T 5	16 14 56	3°20'05	25°35	17°13	8°11	10°31	11°39	20°13	28°44	14° 0	24° 0	21°13	21°45	23°34	n.a.	T 5
F 6	16 18 53	4°17'13	7♊47	19° 2	9°22	11°11	11°32	20°20	28°45	13°58	23°59	21° 0	21°41	23°41	n.a.	F 6
S 7	16 22 49	5°14'22	20° 8	20°53	10°33	11°51	11°26	20°28	28°46	13°57	23°58	20°48	21°38	23°48	n.a.	S 7
S 8	16 26 46	6°11'31	2♋39	22°48	11°44	12°31	11°19	20°35	28°48	13°55	23°57	20°38	21°35	23°54	n.a.	S 8
M 9	16 30 42	7° 8'41	15°20	24°45	12°54	13°11	11°13	20°43	28°49	13°54	23°56	20°31	21°32	24° 1	n.a.	M 9
T 10	16 34 39	8° 5'51	28°13	26°44	14° 5	13°51	11° 7	20°51	28°50	13°52	23°55	20°27	21°29	24° 8	n.a.	T 10
W11	16 38 35	9° 3'01	11♌19	28°45	15°16	14°31	11° 1	20°58	28°51	13°50	23°54	20°25	21°26	24°15	n.a.	W11
T 12	16 42 32	10° 0'12	24°40	0♊48	16°27	15°11	10°55	21° 6	28°53	13°49	23°53	20°D25	21°22	24°21	n.a.	T 12
F 13	16 46 29	10°57'23	8♍18	2°53	17°37	15°51	10°49	21°13	28°54	13°47	23°52	20°R25	21°19	24°28	n.a.	F 13
S 14	16 50 25	11°54'34	22°13	4°58	18°48	16°31	10°44	21°21	28°56	13°46	23°51	20°25	21°16	24°35	n.a.	S 14
S 15	16 54 22	12°51'46	6♎28	7° 5	19°58	17°11	10°38	21°29	28°57	13°44	23°50	20°23	21°13	24°41	n.a.	S 15
M16	16 58 18	13°48'58	20°59	9°12	21° 8	17°50	10°33	21°36	28°59	13°42	23°49	20°19	21°10	24°48	n.a.	M16
T 17	17 2 15	14°46'10	5♏43	11°19	22°19	18°30	10°28	21°44	29° 0	13°41	23°48	20°12	21° 6	24°55	n.a.	T 17
W18	17 6 11	15°43'24	20°34	13°27	23°29	19°10	10°23	21°52	29° 2	13°39	23°47	20° 4	21° 3	25° 1	n.a.	W18
T 19	17 10 8	16°40'38	5♐24	15°33	24°39	19°49	10°18	22° 0	29° 4	13°37	23°46	19°54	21° 0	25° 8	n.a.	T 19
F 20	17 14 5	17°37'52	20° 4	17°40	25°49	20°29	10°13	22° 7	29° 5	13°36	23°46	19°45	20°57	25°15	n.a.	F 20
S 21	17 18 1	18°35'08	4♑26	19°46	26°59	21° 8	10° 8	22°15	29° 7	13°34	23°45	19°37	20°54	25°22	n.a.	S 21
S 22	17 21 58	19°32'25	18°26	21°50	28° 9	21°48	10° 4	22°23	29° 9	13°33	23°44	19°31	20°51	25°28	n.a.	S 22
M23	17 25 54	20°29'43	2♒ 0	23°54	29°19	22°27	10° 0	22°30	29°11	13°31	23°43	19°28	20°47	25°35	n.a.	M23
T 24	17 29 51	21°27'02	15° 7	25°57	0♌29	23° 6	9°56	22°38	29°13	13°29	23°43	19°D26	20°44	25°42	n.a.	T 24
W25	17 33 47	22°24'22	27°51	27°58	1°39	23°46	9°52	22°46	29°15	13°28	23°42	19°26	20°41	25°48	n.a.	W25
T 26	17 37 44	23°21'43	10♓15	29°58	2°48	24°25	9°48	22°54	29°17	13°26	23°41	19°27	20°38	25°55	n.a.	T 26
F 27	17 41 40	24°19'06	22°22	1♋57	3°58	25° 4	9°44	23° 1	29°19	13°25	23°41	19°R28	20°35	26° 2	n.a.	F 27
S 28	17 45 37	25°16'30	4♈20	3°54	5° 7	25°43	9°41	23° 9	29°21	13°23	23°40	19°27	20°32	26° 9	n.a.	S 28
S 29	17 49 34	26°13'56	16°12	5°49	6°17	26°23	9°38	23°17	29°23	13°21	23°40	19°25	20°28	26°15	n.a.	S 29
M30	17 53 30	27♊11'22	28♈ 3	7♋43	7♌26	27♉ 2	9♏34	23♊25	29♌25	13♐20	23♎39	19♒21	20♒25	26♈22	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n22	6n29	3n37	13n36	1s42	25n38	1n52	14n17	0s 4	14s59	0n46	23n11	0s14	12n51	0n47	21s57	0n55	2n25	12n49	14s25	14s24	13n18		n.a.
M 2	20 34	11 45	4 15	14 17	1 30	25 37	1 53	14 30	0 3	14 57	0 46	23 11	0 14	12 51	0 47	21 56	0 55	2 25	12 48	14 27	14 26	13 21		n.a.
T 3	20 46	16 36	4 42	14 59	1 18	25 34	1 53	14 44	0 2	14 55	0 46	23 12	0 14	12 50	0 47	21 56	0 55	2 25	12 48	14 31	14 27	13 24		n.a.
W 4	20 58	20 51	4 57	15 41	1 6	25 30	1 53	14 58	0 2	14 53	0 45	23 13	0 14	12 50	0 47	21 56	0 55	2 26	12 48	14 35	14 28	13 27		n.a.
T 5	21 9	24 17	4 59	16 23	0 54	25 26	1 53	15 11	0 1	14 51	0 45	23 13	0 14	12 50	0 47	21 56	0 55	2 26	12 47	14 39	14 29	13 30		n.a.
F 6	21 20	26 41	4 48	17 5	0 42	25 21	1 53	15 25	0 0	14 49	0 45	23 14	0 13	12 49	0 47	21 56	0 55	2 26	12 47	14 43	14 30	13 33		n.a.
S 7	21 30	27 48	4 22	17 47	0 29	25 16	1 53	15 38	0n 0	14 47	0 45	23 14	0 13	12 49	0 47	21 55	0 55	2 26	12 47	14 47	14 31	13 35		n.a.
S 8	21 41	27 31	3 44	18 29	0 17	25 9	1 52	15 51	0 1	14 45	0 45	23 15	0 13	12 48	0 47	21 55	0 55	2 26	12 46	14 50	14 32	13 38		n.a.
M 9	21 51	25 48	2 54	19 9	0 6	25 2	1 52	16 4	0 1	14 44	0 44	23 16	0 13	12 48	0 47	21 55	0 55	2 26	12 46	14 52	14 33	13 41		n.a.
T 10	22 0	22 43	1 55	19 49	0n 6	24 54	1 52	16 17	0 2	14 42	0 44	23 16	0 13	12 47	0 47	21 55	0 55	2 26	12 45	14 54	14 34	13 44		n.a.
W11	22 9	18 25	0 48	20 28	0 17	24 46	1 51	16 29	0 3	14 40	0 44	23 17	0 13	12 47	0 47	21 55	0 55	2 26	12 45	14 54	14 35	13 47		n.a.
T 12	22 18	13 9	0s23	21 5	0 27	24 37	1 51	16 42	0 3	14 39	0 44	23 18	0 13	12 46	0 47	21 55	0 55	2 26	12 45	14 55	14 36	13 50		n.a.
F 13	22 26	7 9	1 33	21 40	0 38	24 27	1 50	16 54	0 4	14 37	0 43	23 18	0 13	12 46	0 47	21 54	0 55	2 26	12 44	14 54	14 37	13 53		n.a.
S 14	22 34	0 41	2 40	22 14	0 47	24 16	1 49	17 6	0 5	14 35	0 43	23 19	0 13	12 45	0 47	21 54	0 55	2 26	12 44	14 55	14 38	13 56		n.a.
S 15	22 42	5s57	3 39	22 45	0 56	24 5	1 48	17 19	0 5	14 34	0 43	23 19	0 13	12 45	0 47	21 54	0 55	2 26	12 43	14 55	14 39	13 59		n.a.
M16	22 49	12 23	4 25	23 14	1 4	23 53	1 47	17 31	0 6	14 32	0 43	23 20	0 13	12 44	0 47	21 54	0 55	2 26	12 43	14 57	14 40	14 2		n.a.
T 17	22 56	18 14	4 54	23 41	1 12	23 41	1 46	17 42	0 7	14 31	0 43	23 21	0 12	12 43	0 46	21 54	0 55	2 26	12 43	14 59	14 41	14 5		n.a.
W18	23 2	23 2	5 3	24 5	1 19	23 27	1 45	17 54	0 7	14 30	0 42	23 21	0 12	12 43	0 46	21 53	0 55	2 26	12 42	15 1	14 42	14 7		n.a.
T 19	23 8	26 19	4 52	24 26	1 25	23 14	1 44	18 6	0 8	14 28	0 42	23 22	0 12	12 42	0 46	21 53	0 55	2 25	12 42	15 4	14 43	14 10		n.a.
F 20	23 14	27 47	4 22	24 44	1 31	22 59	1 42	18 17	0 8	14 27	0 42	23 22	0 12	12 42	0 46	21 53	0 55	2 25	12 41	15 7	14 44	14 13		n.a.
S 21	23 19	27 20	3 36	25 0	1 36	22 44	1 41	18 28	0 9	14 26	0 42	23 23	0 12	12 41	0 46	21 53	0 55	2 25	12 41	15 10	14 45	14 16		n.a.
S 22	23 24	25 7	2 38	25 13	1 40	22 28	1 39	18 39	0 10	14 25	0 41	23 23	0 12	12 40	0 46	21 53	0 55	2 25	12 40	15 12	14 46	14 19		n.a.
M23	23 28	21 31	1 32	25 23	1 43	22 12	1 38	18 50	0 10	14 23	0 41	23 24	0 12	12 39	0 46	21 52	0 55	2 25	12 40	15 13	14 47	14 22		n.a.
T 24	23 32	16 55	0 23	25 31	1 46	21 55	1 36	19 1	0 11	14 22	0 41	23 24	0 12	12 39	0 46	21 52	0 55	2 25	12 40	15 13	14 48	14 25		n.a.
W25	23 35	11 42	0n45	25 36	1 48	21 38	1 34	19 12	0 12	14 21	0 41	23 25	0 12	12 38	0 46	21 52	0 55	2 25	12 39	15 13	14 49	14 28		n.a.
T 26	23 39	6 10	1 49	25 38	1 49	21 20	1 32	19 22	0 12	14 20	0 40	23 26	0 12	12 37	0 46	21 52	0 55	2 24	12 39	15 13	14 50	14 30		n.a.
F 27	23 41	0 31	2 47	25 38	1 50	21 1	1 30	19 33	0 13	14 19	0 40	23 26	0 12	12 36	0 46	21 52	0 55	2 24	12 38	15 13	14 51	14 33		n.a.
S 28	23 44	5n 3	3 37	25 35	1 50	20 42	1 28	19 43	0 14	14 18	0 40	23 27	0 11	12 36	0 46	21 52	0 55	2 24	12 38	15 13	14 52	14 36		n.a.
S 29	23 45	10 24	4 17	25 30	1 49	20 22	1 26	19 53	0 14	14 18	0 40	23 27	0 11	12 35	0 46	21 51	0 55	2 24	12 37	15 14	14 53	14 39		n.a.
M30	23n47	15n23	4n46	25n23	1n48	20n 2	1n23	20n 3	0n15	14s17	0n40	23n27	0s11	12n34	0n46	21s51	0n54	2n23	12n37	15s15	14s54	14n42		n.a.

Julian Day Number = 1366916.5, Delta T = 06h54m03s
Ecliptic obliquity = 23°48'47, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°28'31, Lahiri = -17°21'31 Julian Calendar 1 June 971 BCE == Greg. Calendar 23 May 971 BCE

The year -970 astronomical counting style corresponds to year 971 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 971 BCE
geocentric

JULY 971 BCE (-970) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 57 27	28♊ 8'51	9♉58	9♋36	8♌35	27♉41	9°R32	23♊32	29♌28	13°R18	23°R39	19°R15	20♒22	26♈29	n.a.	T 1
W 2	18 1 23	29° 6'21	22° 0	11°27	9°44	28°20	9♏29	23°40	29°30	13♐17	23♎38	19♒ 7	20°19	26°35	n.a.	W 2
T 3	18 5 20	0♋ 3'52	4♊12	13°16	10°53	28°59	9°26	23°48	29°32	13°15	23°38	18°58	20°16	26°42	n.a.	T 3
F 4	18 9 16	1° 1'25	16°35	15° 4	12° 2	29°38	9°24	23°55	29°35	13°14	23°38	18°49	20°12	26°49	n.a.	F 4
S 5	18 13 13	1°58'59	29°11	16°51	13°11	0♊16	9°22	24° 3	29°37	13°12	23°37	18°41	20° 9	26°56	n.a.	S 5
S 6	18 17 9	2°56'34	11♋59	18°36	14°20	0°55	9°20	24°11	29°40	13°11	23°37	18°35	20° 6	27° 2	n.a.	S 6
M 7	18 21 6	3°54'11	25° 0	20°19	15°29	1°34	9°18	24°19	29°42	13° 9	23°37	18°30	20° 3	27° 9	n.a.	M 7
T 8	18 25 3	4°51'49	8♌13	22° 1	16°37	2°13	9°16	24°26	29°45	13° 8	23°37	18°28	20° 0	27°16	n.a.	T 8
W 9	18 28 59	5°49'28	21°37	23°41	17°46	2°51	9°15	24°34	29°47	13° 6	23°36	18°D28	19°57	27°22	n.a.	W 9
T 10	18 32 56	6°47'08	5♍13	25°20	18°54	3°30	9°13	24°42	29°50	13° 5	23°36	18°28	19°53	27°29	n.a.	T 10
F 11	18 36 52	7°44'50	19° 0	26°57	20° 2	4° 9	9°12	24°49	29°52	13° 3	23°36	18°30	19°50	27°36	n.a.	F 11
S 12	18 40 49	8°42'33	2♎59	28°33	21°11	4°47	9°11	24°57	29°55	13° 2	23°36	18°R31	19°47	27°43	n.a.	S 12
S 13	18 44 45	9°40'17	17° 7	0♏ 8	22°19	5°26	9°11	25° 4	29°58	13° 1	23°36	18°31	19°44	27°49	n.a.	S 13
M14	18 48 42	10°38'02	1♏25	1°41	23°26	6° 4	9°10	25°12	0♍ 1	12°59	23°36	18°29	19°41	27°56	n.a.	M14
T 15	18 52 38	11°35'48	15°49	3°13	24°34	6°42	9°10	25°19	0° 3	12°58	23°D36	18°26	19°38	28° 3	n.a.	T 15
W16	18 56 35	12°33'36	0♐15	4°43	25°42	7°21	9°D10	25°27	0° 6	12°56	23°36	18°21	19°34	28° 9	n.a.	W16
T 17	19 0 32	13°31'26	14°38	6°11	26°49	7°59	9°10	25°34	0° 9	12°55	23°36	18°16	19°31	28°16	n.a.	T 17
F 18	19 4 28	14°29'17	28°53	7°38	27°57	8°37	9°10	25°42	0°12	12°54	23°36	18°11	19°28	28°23	n.a.	F 18
S 19	19 8 25	15°27'09	12♑54	9° 4	29° 4	9°16	9°10	25°49	0°15	12°52	23°36	18° 7	19°25	28°30	n.a.	S 19
S 20	19 12 21	16°25'04	26°38	10°28	0♍11	9°54	9°11	25°57	0°18	12°51	23°36	18° 4	19°22	28°36	n.a.	S 20
M21	19 16 18	17°22'59	10♒ 1	11°50	1°18	10°32	9°12	26° 4	0°21	12°50	23°36	18° 2	19°18	28°43	n.a.	M21
T 22	19 20 14	18°20'57	23° 4	13°11	2°25	11°10	9°13	26°12	0°24	12°49	23°37	18°D 2	19°15	28°50	n.a.	T 22
W23	19 24 11	19°18'57	5♓45	14°30	3°32	11°48	9°14	26°19	0°27	12°47	23°37	18° 3	19°12	28°56	n.a.	W23
T 24	19 28 8	20°16'58	18° 9	15°48	4°38	12°26	9°15	26°26	0°30	12°46	23°37	18° 4	19° 9	29° 3	n.a.	T 24
F 25	19 32 4	21°15'01	0♈18	17° 4	5°44	13° 4	9°17	26°34	0°33	12°45	23°38	18° 6	19° 6	29°10	n.a.	F 25
S 26	19 36 1	22°13'07	12°17	18°18	6°51	13°42	9°19	26°41	0°37	12°44	23°38	18° 7	19° 3	29°17	n.a.	S 26
S 27	19 39 57	23°11'15	24°11	19°30	7°57	14°20	9°21	26°48	0°40	12°43	23°38	18°R 8	18°59	29°23	n.a.	S 27
M28	19 43 54	24° 9'24	6♉ 4	20°40	9° 2	14°57	9°23	26°55	0°43	12°42	23°39	18° 7	18°56	29°30	n.a.	M28
T 29	19 47 50	25° 7'36	18° 0	21°48	10° 8	15°35	9°25	27° 2	0°46	12°40	23°39	18° 5	18°53	29°37	n.a.	T 29
W30	19 51 47	26° 5'51	0♊ 5	22°54	11°14	16°13	9°27	27° 9	0°49	12°39	23°40	18° 3	18°50	29°43	n.a.	W30
T 31	19 55 43	27♋ 4'07	12♊22	23♌58	12♍19	16♊50	9♏30	27♊17	0♍53	12♐38	23♎40	18♒ 0	18♒47	29♈50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n48	19n48	5n 2	25n14	1n47	19n42	1n21	20n12	0n16	14s16	0n39	23n28	0s11	12n33	0n46	21s51	0n54	2n23	12n36	15s17	14s55	14n45			n.a.
W 2	23 49	23 28	5 6	25 3	1 45	19 21	1 18	20 22	0 16	14 15	0 39	23 28	0 11	12 32	0 46	21 51	0 54	2 23	12 36	15 19	14 56	14 47			n.a.
T 3	23 49	26 9	4 56	24 50	1 42	18 59	1 16	20 31	0 17	14 15	0 39	23 29	0 11	12 32	0 46	21 51	0 54	2 23	12 35	15 22	14 57	14 50			n.a.
F 4	23 49	27 38	4 32	24 35	1 39	18 37	1 13	20 40	0 18	14 14	0 39	23 29	0 11	12 31	0 46	21 51	0 54	2 22	12 35	15 25	14 59	14 53			n.a.
S 5	23 48	27 43	3 54	24 18	1 35	18 14	1 10	20 49	0 18	14 14	0 38	23 30	0 11	12 30	0 46	21 50	0 54	2 22	12 34	15 28	15 0	14 56			n.a.
S 6	23 47	26 19	3 4	24 0	1 31	17 51	1 7	20 58	0 19	14 13	0 38	23 30	0 11	12 29	0 46	21 50	0 54	2 22	12 34	15 30	15 1	14 59			n.a.
M 7	23 45	23 29	2 3	23 40	1 26	17 28	1 4	21 7	0 20	14 13	0 38	23 31	0 11	12 28	0 46	21 50	0 54	2 21	12 33	15 31	15 2	15 2			n.a.
T 8	23 43	19 23	0 55	23 19	1 22	17 4	1 1	21 16	0 20	14 13	0 38	23 31	0 11	12 27	0 46	21 50	0 54	2 21	12 33	15 32	15 3	15 4			n.a.
W 9	23 41	14 15	0s17	22 57	1 16	16 40	0 58	21 24	0 21	14 13	0 37	23 31	0 11	12 26	0 46	21 50	0 54	2 20	12 33	15 32	15 4	15 7			n.a.
T 10	23 38	8 21	1 30	22 34	1 11	16 15	0 55	21 32	0 22	14 12	0 37	23 32	0 10	12 25	0 46	21 50	0 54	2 20	12 32	15 32	15 5	15 10			n.a.
F 11	23 35	2 0	2 38	22 9	1 5	15 50	0 51	21 40	0 22	14 12	0 37	23 32	0 10	12 24	0 46	21 49	0 54	2 20	12 32	15 31	15 6	15 13			n.a.
S 12	23 31	4s31	3 38	21 43	0 58	15 25	0 48	21 48	0 23	14 12	0 37	23 33	0 10	12 23	0 46	21 49	0 54	2 19	12 31	15 31	15 7	15 15			n.a.
S 13	23 27	10 54	4 25	21 17	0 52	14 59	0 44	21 56	0 24	14 12	0 36	23 33	0 10	12 22	0 46	21 49	0 54	2 19	12 31	15 31	15 8	15 18			n.a.
M14	23 23	16 46	4 57	20 49	0 45	14 33	0 41	22 3	0 24	14 12	0 36	23 33	0 10	12 21	0 45	21 49	0 54	2 18	12 30	15 31	15 9	15 21			n.a.
T 15	23 18	21 46	5 10	20 21	0 38	14 7	0 37	22 11	0 25	14 12	0 36	23 34	0 10	12 20	0 45	21 49	0 54	2 18	12 30	15 32	15 10	15 24			n.a.
W16	23 13	25 28	5 4	19 52	0 30	13 40	0 33	22 18	0 26	14 13	0 36	23 34	0 10	12 19	0 45	21 49	0 54	2 17	12 29	15 34	15 11	15 27			n.a.
T 17	23 7	27 31	4 39	19 23	0 23	13 13	0 29	22 25	0 26	14 13	0 35	23 34	0 10	12 18	0 45	21 48	0 54	2 17	12 29	15 35	15 12	15 29			n.a.
F 18	23 1	27 45	3 56	18 53	0 15	12 46	0 25	22 32	0 27	14 13	0 35	23 35	0 10	12 17	0 45	21 48	0 54	2 16	12 28	15 37	15 13	15 32			n.a.
S 19	22 54	26 10	3 0	18 23	0 7	12 19	0 21	22 38	0 28	14 13	0 35	23 35	0 10	12 16	0 45	21 48	0 54	2 16	12 28	15 38	15 14	15 35			n.a.
S 20	22 47	23 1	1 54	17 52	0s 2	11 51	0 17	22 45	0 28	14 14	0 35	23 35	0 10	12 15	0 45	21 48	0 54	2 15	12 27	15 39	15 15	15 38			n.a.
M21	22 40	18 43	0 44	17 21	0 10	11 23	0 13	22 51	0 29	14 14	0 35	23 36	0 9	12 14	0 45	21 48	0 54	2 15	12 27	15 40	15 16	15 40			n.a.
T 22	22 32	13 37	0n28	16 49	0 19	10 55	0 9	22 57	0 30	14 15	0 34	23 36	0 9	12 12	0 45	21 48	0 54	2 14	12 26	15 40	15 17	15 43			n.a.
W23	22 24	8 4	1 36	16 18	0 27	10 26	0 4	23 3	0 30	14 15	0 34	23 36	0 9	12 11	0 45	21 48	0 54	2 14	12 26	15 40	15 18	15 46			n.a.
T 24	22 15	2 21	2 38	15 46	0 36	9 57	0s 0	23 9	0 31	14 16	0 34	23 37	0 9	12 10	0 45	21 48	0 54	2 13	12 25	15 39	15 19	15 49			n.a.
F 25	22 6	3n21	3 31	15 15	0 45	9 29	0 5	23 15	0 32	14 17	0 34	23 37	0 9	12 9	0 45	21 47	0 54	2 13	12 25	15 39	15 20	15 51			n.a.
S 26	21 57	8 50	4 15	14 43	0 55	9 0	0 9	23 20	0 32	14 18	0 33	23 37	0 9	12 8	0 45	21 47	0 54	2 12	12 24	15 38	15 21	15 54			n.a.
S 27	21 47	13 57	4 47	14 12	1 4	8 30	0 14	23 26	0 33	14 18	0 33	23 37	0 9	12 7	0 45	21 47	0 54	2 11	12 24	15 38	15 22	15 57			n.a.
M28	21 37	18 34	5 7	13 40	1 13	8 1	0 19	23 31	0 34	14 19	0 33	23 38	0 9	12 6	0 45	21 47	0 54	2 11	12 23	15 38	15 23	16 0			n.a.
T 29	21 26	22 29	5 14	13 9	1 23	7 31	0 24	23 36	0 35	14 20	0 33	23 38	0 9	12 4	0 45	21 47	0 54	2 10	12 23	15 39	15 24	16 2			n.a.
W30	21 16	25 29	5 7	12 39	1 32	7 2	0 29	23 40	0 35	14 21	0 32	23 38	0 9	12 3	0 45	21 47	0 54	2 10	12 22	15 40	15 25	16 5			n.a.
T 31	21n 4	27n22	4n46	12n 9	1s41	6n32	0s33	23n45	0n36	14s22	0n32	23n38	0s 9	12n 2	0n45	21s47	0n54	2n 9	12n22	15s41	15s26	16n 8			n.a.

Julian Day Number = 1366946.5, Delta T = 06h54m01s
Ecliptic obliquity = 23°48'46, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°28'27, Lahiri = -17°21'27 Julian Calendar 1 July 971 BCE == Greg. Calendar 22 June 971 BCE

The year -970 astronomical counting style corresponds to year 971 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 971 BCE
geocentric

AUGUST 971 BCE (-970) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 59 40	28♋ 2'25	24♊53	25♌ 0	13♍24	17♊28	9♏33	27♊24	0♍56	12°R37	23♎41	17°R57	18♒44	29♈57	n.a.	F 1
S 2	20 3 36	29° 0'46	7♋41	25°58	14°29	18° 6	9°36	27°31	0°59	12♐36	23°41	17♒54	18°40	0♉ 4	n.a.	S 2
S 3	20 7 33	29°59'09	20°46	26°55	15°34	18°43	9°39	27°38	1° 3	12°35	23°42	17°51	18°37	0°10	n.a.	S 3
M 4	20 11 30	0♌57'33	4♌ 8	27°48	16°38	19°21	9°42	27°45	1° 6	12°34	23°43	17°50	18°34	0°17	n.a.	M 4
T 5	20 15 26	1°56'00	17°46	28°38	17°43	19°58	9°46	27°51	1°10	12°33	23°43	17°D50	18°31	0°24	n.a.	T 5
W 6	20 19 23	2°54'28	1♍36	29°25	18°47	20°35	9°50	27°58	1°13	12°33	23°44	17°50	18°28	0°31	n.a.	W 6
T 7	20 23 19	3°52'58	15°36	0♍ 8	19°51	21°13	9°54	28° 5	1°17	12°32	23°45	17°51	18°24	0°37	n.a.	T 7
F 8	20 27 16	4°51'30	29°44	0°48	20°55	21°50	9°58	28°12	1°20	12°31	23°46	17°52	18°21	0°44	n.a.	F 8
S 9	20 31 12	5°50'04	13♎56	1°24	21°58	22°27	10° 2	28°18	1°24	12°30	23°47	17°53	18°18	0°51	n.a.	S 9
S 10	20 35 9	6°48'40	28°11	1°55	23° 1	23° 4	10° 6	28°25	1°27	12°29	23°47	17°54	18°15	0°57	n.a.	S 10
M11	20 39 5	7°47'17	12♏24	2°21	24° 4	23°41	10°11	28°32	1°31	12°29	23°48	17°R54	18°12	1° 4	n.a.	M11
T 12	20 43 2	8°45'57	26°34	2°43	25° 7	24°18	10°16	28°38	1°34	12°28	23°49	17°53	18° 9	1°11	n.a.	T 12
W13	20 46 59	9°44'38	10♐39	2°59	26° 9	24°55	10°21	28°45	1°38	12°27	23°50	17°52	18° 5	1°18	n.a.	W13
T 14	20 50 55	10°43'21	24°35	3° 9	27°12	25°32	10°26	28°51	1°41	12°26	23°51	17°52	18° 2	1°24	n.a.	T 14
F 15	20 54 52	11°42'06	8♑22	3°R13	28°13	26° 9	10°31	28°58	1°45	12°26	23°52	17°51	17°59	1°31	n.a.	F 15
S 16	20 58 48	12°40'52	21°56	3°11	29°15	26°46	10°36	29° 4	1°49	12°25	23°53	17°50	17°56	1°38	n.a.	S 16
S 17	21 2 45	13°39'41	5♒16	3° 2	0♎16	27°23	10°42	29°10	1°52	12°25	23°54	17°50	17°53	1°44	n.a.	S 17
M18	21 6 41	14°38'32	18°21	2°46	1°17	27°59	10°48	29°16	1°56	12°24	23°55	17°D50	17°50	1°51	n.a.	M18
T 19	21 10 38	15°37'25	1♓11	2°22	2°18	28°36	10°54	29°23	2° 0	12°24	23°57	17°50	17°46	1°58	n.a.	T 19
W20	21 14 34	16°36'20	13°44	1°52	3°18	29°13	11° 0	29°29	2° 3	12°23	23°58	17°50	17°43	2° 5	n.a.	W20
T 21	21 18 31	17°35'17	26° 4	1°14	4°18	29°49	11° 6	29°35	2° 7	12°23	23°59	17°R50	17°40	2°11	n.a.	T 21
F 22	21 22 28	18°34'17	8♈12	0°29	5°17	0♋26	11°12	29°41	2°11	12°22	24° 0	17°50	17°37	2°18	n.a.	F 22
S 23	21 26 24	19°33'19	20°11	29♌37	6°17	1° 2	11°19	29°47	2°15	12°22	24° 1	17°50	17°34	2°25	n.a.	S 23
S 24	21 30 21	20°32'24	2♉ 4	28°39	7°15	1°39	11°25	29°52	2°18	12°21	24° 3	17°50	17°30	2°31	n.a.	S 24
M25	21 34 17	21°31'31	13°57	27°37	8°14	2°15	11°32	29°58	2°22	12°21	24° 4	17°50	17°27	2°38	n.a.	M25
T 26	21 38 14	22°30'40	25°53	26°31	9°12	2°51	11°39	0♋ 4	2°26	12°21	24° 5	17°D49	17°24	2°45	n.a.	T 26
W27	21 42 10	23°29'52	7♊57	25°22	10° 9	3°28	11°46	0°10	2°30	12°20	24° 7	17°50	17°21	2°52	n.a.	W27
T 28	21 46 7	24°29'06	20°13	24°13	11° 6	4° 4	11°53	0°15	2°33	12°20	24° 8	17°50	17°18	2°58	n.a.	T 28
F 29	21 50 3	25°28'23	2♋46	23° 5	12° 3	4°40	12° 1	0°21	2°37	12°20	24°10	17°51	17°15	3° 5	n.a.	F 29
S 30	21 54 0	26°27'43	15°40	22° 0	12°59	5°16	12° 8	0°26	2°41	12°20	24°11	17°52	17°11	3°12	n.a.	S 30
S 31	21 57 56	27♌27'04	28♋55	21♌ 1	13♎55	5♋52	12♏16	0♋32	2♍45	12♐20	24♎13	17♒52	17♒ 8	3♉18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n53	27n54	4n12	11n39	1s51	6n 2	0s39	23n49	0n37	14s23	0n32	23n39	0s 9	12n 1	0n45	21s47	0n54	2n 8	12n21	15s42	15s27	16n10		n.a.
S 2	20 41	26 58	3 23	11 10	2 0	5 32	0 44	23 53	0 37	14 25	0 32	23 39	0 8	11 59	0 45	21 47	0 54	2 8	12 21	15 42	15 28	16 13		n.a.
S 3	20 28	24 33	2 24	10 42	2 10	5 2	0 49	23 57	0 38	14 26	0 32	23 39	0 8	11 58	0 45	21 46	0 54	2 7	12 20	15 43	15 29	16 16		n.a.
M 4	20 15	20 44	1 15	10 15	2 19	4 32	0 54	24 1	0 39	14 27	0 31	23 39	0 8	11 57	0 45	21 46	0 54	2 6	12 20	15 43	15 30	16 19		n.a.
T 5	20 2	15 45	0 0	9 49	2 28	4 1	0 59	24 5	0 39	14 29	0 31	23 39	0 8	11 56	0 45	21 46	0 53	2 5	12 19	15 44	15 31	16 21		n.a.
W 6	19 49	9 54	1s15	9 24	2 38	3 31	1 5	24 8	0 40	14 30	0 31	23 40	0 8	11 54	0 45	21 46	0 53	2 5	12 19	15 44	15 32	16 24		n.a.
T 7	19 35	3 30	2 28	9 0	2 46	3 1	1 10	24 12	0 41	14 31	0 31	23 40	0 8	11 53	0 45	21 46	0 53	2 4	12 18	15 43	15 33	16 27		n.a.
F 8	19 21	3s 7	3 31	8 38	2 55	2 30	1 15	24 15	0 42	14 33	0 30	23 40	0 8	11 52	0 45	21 46	0 53	2 3	12 18	15 43	15 34	16 29		n.a.
S 9	19 6	9 36	4 23	8 18	3 4	2 0	1 21	24 18	0 42	14 34	0 30	23 40	0 8	11 51	0 45	21 46	0 53	2 2	12 17	15 43	15 35	16 32		n.a.
S 10	18 52	15 37	4 58	7 59	3 12	1 29	1 26	24 21	0 43	14 36	0 30	23 40	0 8	11 49	0 45	21 46	0 53	2 2	12 17	15 42	15 36	16 35		n.a.
M11	18 36	20 47	5 15	7 42	3 19	0 59	1 32	24 23	0 44	14 38	0 30	23 41	0 8	11 48	0 45	21 46	0 53	2 1	12 16	15 42	15 37	16 37		n.a.
T 12	18 21	24 45	5 13	7 28	3 26	0 29	1 38	24 26	0 44	14 39	0 30	23 41	0 8	11 47	0 45	21 46	0 53	2 0	12 16	15 43	15 38	16 40		n.a.
W13	18 5	27 12	4 52	7 16	3 33	0s 2	1 43	24 28	0 45	14 41	0 29	23 41	0 8	11 45	0 45	21 46	0 53	1 59	12 15	15 43	15 39	16 43		n.a.
T 14	17 49	27 56	4 14	7 6	3 39	0 32	1 49	24 30	0 46	14 43	0 29	23 41	0 7	11 44	0 45	21 46	0 53	1 59	12 15	15 43	15 40	16 45		n.a.
F 15	17 33	26 54	3 22	7 0	3 44	1 2	1 55	24 32	0 47	14 45	0 29	23 41	0 7	11 43	0 45	21 46	0 53	1 58	12 14	15 43	15 41	16 48		n.a.
S 16	17 16	24 16	2 19	6 57	3 49	1 32	2 1	24 34	0 47	14 47	0 29	23 41	0 7	11 41	0 45	21 46	0 53	1 57	12 14	15 43	15 42	16 50		n.a.
S 17	16 59	20 22	1 9	6 57	3 52	2 2	2 6	24 35	0 48	14 49	0 29	23 41	0 7	11 40	0 45	21 46	0 53	1 56	12 13	15 44	15 43	16 53		n.a.
M18	16 42	15 31	0n 3	7 1	3 54	2 32	2 12	24 37	0 49	14 51	0 28	23 41	0 7	11 39	0 45	21 46	0 53	1 55	12 13	15 44	15 44	16 56		n.a.
T 19	16 24	10 5	1 13	7 9	3 55	3 2	2 18	24 38	0 49	14 53	0 28	23 42	0 7	11 37	0 45	21 46	0 53	1 54	12 12	15 44	15 45	16 58		n.a.
W20	16 6	4 22	2 19	7 20	3 54	3 32	2 24	24 39	0 50	14 55	0 28	23 42	0 7	11 36	0 45	21 45	0 53	1 54	12 12	15 44	15 46	17 1		n.a.
T 21	15 48	1n25	3 16	7 36	3 52	4 1	2 30	24 40	0 51	14 57	0 28	23 42	0 7	11 35	0 45	21 45	0 53	1 53	12 11	15 44	15 47	17 4		n.a.
F 22	15 30	7 2	4 4	7 56	3 48	4 31	2 36	24 40	0 52	14 59	0 28	23 42	0 7	11 33	0 45	21 45	0 53	1 52	12 11	15 44	15 48	17 6		n.a.
S 23	15 11	12 19	4 41	8 20	3 42	5 0	2 42	24 41	0 52	15 2	0 27	23 42	0 7	11 32	0 45	21 45	0 53	1 51	12 11	15 44	15 49	17 9		n.a.
S 24	14 52	17 8	5 5	8 47	3 34	5 29	2 48	24 41	0 53	15 4	0 27	23 42	0 7	11 31	0 45	21 45	0 53	1 50	12 10	15 44	15 50	17 11		n.a.
M25	14 33	21 17	5 16	9 18	3 24	5 58	2 54	24 42	0 54	15 6	0 27	23 42	0 7	11 29	0 45	21 45	0 53	1 49	12 10	15 44	15 51	17 14		n.a.
T 26	14 13	24 36	5 14	9 52	3 12	6 27	3 0	24 42	0 55	15 9	0 27	23 42	0 6	11 28	0 45	21 45	0 53	1 48	12 9	15 44	15 52	17 17		n.a.
W27	13 54	26 52	4 58	10 29	2 58	6 55	3 6	24 41	0 55	15 11	0 27	23 42	0 6	11 26	0 45	21 45	0 53	1 47	12 9	15 44	15 53	17 19		n.a.
T 28	13 34	27 54	4 28	11 7	2 42	7 23	3 12	24 41	0 56	15 13	0 26	23 42	0 6	11 25	0 45	21 45	0 53	1 47	12 8	15 44	15 54	17 22		n.a.
F 29	13 14	27 32	3 45	11 46	2 25	7 51	3 18	24 41	0 57	15 16	0 26	23 43	0 6	11 24	0 45	21 45	0 53	1 46	12 8	15 43	15 55	17 24		n.a.
S 30	12 53	25 41	2 49	12 24	2 6	8 19	3 24	24 40	0 58	15 18	0 26	23 43	0 6	11 22	0 45	21 45	0 53	1 45	12 8	15 43	15 56	17 27		n.a.
S 31	12n33	22n23	1n43	13n 2	1s47	8s47	3s29	24n39	0n58	15s21	0n26	23n43	0s 6	11n21	0n45	21s46	0n52	1n44	12n 7	15s43	15s56	17n29		n.a.

Julian Day Number = 1366977.5, Delta T = 06h54m00s
Ecliptic obliquity = 23°48'46, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°28'23, Lahiri = -17°21'23 Julian Calendar 1 Aug. 971 BCE == Greg. Calendar 23 July 971 BCE

The year -970 astronomical counting style corresponds to year 971 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 971 BCE
geocentric

SEPTEMBER 971 BCE (-970) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 1 53	28♌26'28	12♌32	20°R 8	14♎50	6♋28	12♏24	0♋37	2♍48	12°R20	24♎14	17°R53	17♒ 5	3♉25	n.a.	M 1
T 2	22 5 50	29°25'54	26°31	19♌22	15°45	7° 4	12°32	0°42	2°52	12♐20	24°16	17♒53	17° 2	3°32	n.a.	T 2
W 3	22 9 46	0♍25'22	10♍48	18°47	16°39	7°40	12°40	0°47	2°56	12°20	24°17	17°52	16°59	3°39	n.a.	W 3
T 4	22 13 43	1°24'53	25°17	18°21	17°32	8°16	12°48	0°52	3° 0	12°D20	24°19	17°51	16°55	3°45	n.a.	T 4
F 5	22 17 39	2°24'25	9♎53	18° 6	18°25	8°51	12°57	0°57	3° 4	12°20	24°21	17°49	16°52	3°52	n.a.	F 5
S 6	22 21 36	3°24'00	24°29	18°D 2	19°18	9°27	13° 5	1° 2	3° 8	12°20	24°22	17°47	16°49	3°59	n.a.	S 6
S 7	22 25 32	4°23'36	9♏ 0	18° 9	20° 9	10° 2	13°14	1° 7	3°11	12°20	24°24	17°45	16°46	4° 6	n.a.	S 7
M 8	22 29 29	5°23'14	23°21	18°26	21° 0	10°38	13°22	1°12	3°15	12°20	24°26	17°44	16°43	4°12	n.a.	M 8
T 9	22 33 25	6°22'54	7♐29	18°54	21°51	11°13	13°31	1°16	3°19	12°20	24°27	17°D44	16°40	4°19	n.a.	T 9
W10	22 37 22	7°22'36	21°23	19°31	22°40	11°49	13°40	1°21	3°23	12°20	24°29	17°44	16°36	4°26	n.a.	W10
T 11	22 41 19	8°22'20	5♑ 0	20°17	23°29	12°24	13°49	1°26	3°27	12°20	24°31	17°46	16°33	4°32	n.a.	T 11
F 12	22 45 15	9°22'06	18°24	21°10	24°17	12°59	13°59	1°30	3°30	12°21	24°33	17°47	16°30	4°39	n.a.	F 12
S 13	22 49 12	10°21'53	1♒33	22°11	25° 4	13°34	14° 8	1°34	3°34	12°21	24°34	17°48	16°27	4°46	n.a.	S 13
S 14	22 53 8	11°21'43	14°29	23°19	25°51	14°10	14°18	1°38	3°38	12°21	24°36	17°R49	16°24	4°53	n.a.	S 14
M15	22 57 5	12°21'34	27°12	24°32	26°36	14°45	14°27	1°43	3°42	12°22	24°38	17°49	16°21	4°59	n.a.	M15
T 16	23 1 1	13°21'27	9♓45	25°49	27°21	15°20	14°37	1°47	3°45	12°22	24°40	17°47	16°17	5° 6	n.a.	T 16
W17	23 4 58	14°21'23	22° 6	27°11	28° 4	15°54	14°47	1°51	3°49	12°23	24°42	17°44	16°14	5°13	n.a.	W17
T 18	23 8 54	15°21'20	4♈18	28°36	28°47	16°29	14°57	1°55	3°53	12°23	24°44	17°40	16°11	5°19	n.a.	T 18
F 19	23 12 51	16°21'20	16°21	0♍ 5	29°28	17° 4	15° 7	1°58	3°57	12°24	24°46	17°35	16° 8	5°26	n.a.	F 19
S 20	23 16 47	17°21'22	28°18	1°36	0♏ 8	17°39	15°17	2° 2	4° 0	12°24	24°48	17°30	16° 5	5°33	n.a.	S 20
S 21	23 20 44	18°21'25	10♉10	3° 8	0°48	18°13	15°27	2° 6	4° 4	12°25	24°50	17°25	16° 1	5°40	n.a.	S 21
M22	23 24 41	19°21'32	22° 1	4°43	1°26	18°48	15°37	2° 9	4° 8	12°25	24°52	17°20	15°58	5°46	n.a.	M22
T 23	23 28 37	20°21'40	3♊55	6°18	2° 3	19°22	15°48	2°13	4°12	12°26	24°54	17°17	15°55	5°53	n.a.	T 23
W24	23 32 34	21°21'51	15°56	7°55	2°38	19°57	15°59	2°16	4°15	12°27	24°56	17°16	15°52	6° 0	n.a.	W24
T 25	23 36 30	22°22'04	28° 9	9°33	3°12	20°31	16° 9	2°19	4°19	12°27	24°58	17°D16	15°49	6° 7	n.a.	T 25
F 26	23 40 27	23°22'19	10♋38	11°11	3°45	21° 5	16°20	2°22	4°23	12°28	25° 0	17°17	15°46	6°13	n.a.	F 26
S 27	23 44 23	24°22'37	23°28	12°49	4°17	21°39	16°31	2°25	4°26	12°29	25° 2	17°19	15°42	6°20	n.a.	S 27
S 28	23 48 20	25°22'56	6♌43	14°28	4°47	22°13	16°42	2°28	4°30	12°30	25° 4	17°20	15°39	6°27	n.a.	S 28
M29	23 52 16	26°23'18	20°24	16° 7	5°15	22°47	16°53	2°31	4°34	12°30	25° 6	17°R20	15°36	6°33	n.a.	M29
T 30	23 56 13	27♍23'41	4♍33	17♍46	5♏42	23♋21	17♏ 4	2♋34	4♍37	12♐31	25♎ 8	17♒19	15♒33	6♉40	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	12n12	17n47	0n30	13n38	1s27	9s14	3s35	24n38	0n59	15s24	0n26	23n43	0s 6	11n19	0n45	21s46	0n52	1n43	12n 7	15s43	15s57	17n32			n.a.
T 2	11 51	12 8	0s48	14 11	1 7	9 41	3 41	24 37	1 0	15 26	0 25	23 43	0 6	11 18	0 45	21 46	0 52	1 42	12 6	15 43	15 58	17 35			n.a.
W 3	11 30	5 44	2 3	14 41	0 47	10 8	3 47	24 36	1 1	15 29	0 25	23 43	0 6	11 17	0 45	21 46	0 52	1 41	12 6	15 43	15 59	17 37			n.a.
T 4	11 8	1s 2	3 12	15 8	0 27	10 34	3 53	24 34	1 1	15 32	0 25	23 43	0 6	11 15	0 45	21 46	0 52	1 40	12 5	15 43	16 0	17 40			n.a.
F 5	10 47	7 47	4 9	15 31	0 8	11 0	3 59	24 33	1 2	15 34	0 25	23 43	0 6	11 14	0 45	21 46	0 52	1 39	12 5	15 44	16 1	17 42			n.a.
S 6	10 25	14 7	4 50	15 49	0n 9	11 26	4 5	24 31	1 3	15 37	0 25	23 43	0 6	11 12	0 45	21 46	0 52	1 38	12 5	15 44	16 2	17 45			n.a.
S 7	10 3	19 38	5 12	16 2	0 26	11 51	4 10	24 29	1 4	15 40	0 24	23 43	0 5	11 11	0 45	21 46	0 52	1 37	12 4	15 45	16 3	17 47			n.a.
M 8	9 41	23 57	5 14	16 11	0 41	12 16	4 16	24 27	1 5	15 43	0 24	23 43	0 5	11 10	0 45	21 46	0 52	1 36	12 4	15 45	16 4	17 50			n.a.
T 9	9 19	26 47	4 57	16 16	0 55	12 40	4 22	24 25	1 5	15 46	0 24	23 43	0 5	11 8	0 45	21 46	0 52	1 35	12 4	15 45	16 5	17 52			n.a.
W10	8 56	27 54	4 23	16 16	1 8	13 4	4 27	24 23	1 6	15 49	0 24	23 43	0 5	11 7	0 45	21 46	0 52	1 34	12 3	15 45	16 6	17 55			n.a.
T 11	8 33	27 17	3 34	16 12	1 19	13 28	4 33	24 20	1 7	15 51	0 24	23 43	0 5	11 5	0 45	21 46	0 52	1 33	12 3	15 45	16 7	17 57			n.a.
F 12	8 11	25 5	2 35	16 3	1 29	13 51	4 38	24 17	1 8	15 54	0 24	23 43	0 5	11 4	0 45	21 46	0 52	1 32	12 2	15 44	16 8	18 0			n.a.
S 13	7 48	21 34	1 28	15 51	1 37	14 14	4 44	24 15	1 9	15 57	0 23	23 43	0 5	11 3	0 45	21 46	0 52	1 31	12 2	15 44	16 9	18 2			n.a.
S 14	7 25	17 2	0 18	15 35	1 44	14 36	4 49	24 12	1 9	16 0	0 23	23 43	0 5	11 1	0 45	21 46	0 52	1 30	12 2	15 44	16 10	18 5			n.a.
M15	7 2	11 50	0n51	15 16	1 50	14 58	4 54	24 9	1 10	16 4	0 23	23 43	0 5	11 0	0 45	21 46	0 52	1 29	12 1	15 44	16 11	18 7			n.a.
T 16	6 38	6 14	1 57	14 54	1 54	15 19	4 59	24 5	1 11	16 7	0 23	23 43	0 5	10 59	0 45	21 46	0 52	1 28	12 1	15 44	16 12	18 10			n.a.
W17	6 15	0 29	2 57	14 29	1 58	15 40	5 4	24 2	1 12	16 10	0 23	23 43	0 5	10 57	0 45	21 47	0 52	1 27	12 1	15 45	16 13	18 12			n.a.
T 18	5 52	5n12	3 47	14 1	2 0	16 0	5 9	23 59	1 13	16 13	0 23	23 43	0 5	10 56	0 45	21 47	0 52	1 26	12 0	15 47	16 14	18 15			n.a.
F 19	5 28	10 37	4 27	13 31	2 2	16 20	5 14	23 55	1 13	16 16	0 22	23 43	0 4	10 54	0 45	21 47	0 52	1 25	12 0	15 48	16 15	18 17			n.a.
S 20	5 4	15 36	4 55	12 58	2 2	16 39	5 19	23 51	1 14	16 19	0 22	23 43	0 4	10 53	0 45	21 47	0 52	1 24	12 0	15 50	16 16	18 20			n.a.
S 21	4 40	19 58	5 9	12 24	2 2	16 57	5 23	23 47	1 15	16 22	0 22	23 44	0 4	10 52	0 45	21 47	0 52	1 23	11 59	15 51	16 17	18 22			n.a.
M22	4 17	23 33	5 11	11 49	2 1	17 15	5 27	23 43	1 16	16 26	0 22	23 44	0 4	10 50	0 45	21 47	0 52	1 22	11 59	15 53	16 18	18 25			n.a.
T 23	3 53	26 9	4 59	11 11	2 0	17 32	5 32	23 39	1 17	16 29	0 22	23 44	0 4	10 49	0 45	21 47	0 52	1 21	11 59	15 54	16 19	18 27			n.a.
W24	3 29	27 36	4 34	10 33	1 58	17 49	5 36	23 35	1 18	16 32	0 22	23 44	0 4	10 48	0 45	21 47	0 51	1 20	11 58	15 54	16 20	18 30			n.a.
T 25	3 4	27 44	3 56	9 53	1 55	18 4	5 39	23 31	1 18	16 35	0 21	23 44	0 4	10 46	0 45	21 48	0 51	1 19	11 58	15 54	16 21	18 32			n.a.
F 26	2 40	26 29	3 6	9 12	1 52	18 19	5 43	23 26	1 19	16 39	0 21	23 44	0 4	10 45	0 45	21 48	0 51	1 18	11 58	15 54	16 22	18 35			n.a.
S 27	2 16	23 49	2 6	8 31	1 48	18 34	5 47	23 21	1 20	16 42	0 21	23 44	0 4	10 44	0 45	21 48	0 51	1 17	11 58	15 53	16 23	18 37			n.a.
S 28	1 52	19 49	0 57	7 49	1 44	18 47	5 50	23 17	1 21	16 45	0 21	23 44	0 4	10 42	0 45	21 48	0 51	1 16	11 57	15 53	16 24	18 39			n.a.
M29	1 27	14 39	0s17	7 6	1 40	19 0	5 53	23 12	1 22	16 49	0 21	23 44	0 4	10 41	0 45	21 48	0 51	1 15	11 57	15 53	16 25	18 42			n.a.
T 30	1n 3	8n34	1s32	6n22	1n35	19s12	5s55	23n 7	1n23	16s52	0n21	23n44	0s 3	10n40	0n45	21s48	0n51	1n14	11n57	15s53	16s25	18n44			n.a.

Julian Day Number = 1367008.5, Delta T = 06h53m58s
Ecliptic obliquity = 23°48'47, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°28'19, Lahiri = -17°21'18 Julian Calendar 1 Sept. 971 BCE == Greg. Calendar 23 Aug. 971 BCE

The year -970 astronomical counting style corresponds to year 971 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 971 BCE
geocentric

OCTOBER 971 BCE (-970) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 0 10	28♍24'07	19♍ 6	19♍24	6♏ 7	23♋55	17♏15	2♋36	4♍41	12♐32	25♎11	17°R16	15♒30	6♉47	n.a.	W 1
T 2	0 4 6	29°24'34	3♎58	21° 3	6°30	24°28	17°27	2°39	4°44	12°33	25°13	17♒11	15°27	6°54	n.a.	T 2
F 3	0 8 3	0♎25'03	19° 1	22°42	6°52	25° 2	17°38	2°41	4°48	12°34	25°15	17° 4	15°23	7° 0	n.a.	F 3
S 4	0 11 59	1°25'34	4♏ 4	24°20	7°12	25°36	17°50	2°43	4°51	12°35	25°17	16°57	15°20	7° 7	n.a.	S 4
S 5	0 15 56	2°26'07	18°59	25°58	7°30	26° 9	18° 1	2°46	4°55	12°36	25°19	16°51	15°17	7°14	n.a.	S 5
M 6	0 19 52	3°26'41	3♐38	27°36	7°46	26°42	18°13	2°48	4°58	12°37	25°22	16°45	15°14	7°20	n.a.	M 6
T 7	0 23 49	4°27'16	17°56	29°13	7°59	27°15	18°25	2°50	5° 2	12°38	25°24	16°42	15°11	7°27	n.a.	T 7
W 8	0 27 45	5°27'53	1♑51	0♎51	8°11	27°49	18°36	2°51	5° 5	12°39	25°26	16°D41	15° 7	7°34	n.a.	W 8
T 9	0 31 42	6°28'31	15°22	2°28	8°20	28°22	18°48	2°53	5° 9	12°40	25°28	16°41	15° 4	7°41	n.a.	T 9
F 10	0 35 39	7°29'11	28°33	4° 4	8°28	28°54	19° 0	2°55	5°12	12°42	25°31	16°42	15° 1	7°47	n.a.	F 10
S 11	0 39 35	8°29'51	11♒26	5°41	8°32	29°27	19°12	2°56	5°15	12°43	25°33	16°R43	14°58	7°54	n.a.	S 11
S 12	0 43 32	9°30'33	24° 4	7°17	8°35	29°59	19°25	2°58	5°19	12°44	25°35	16°43	14°55	8° 1	n.a.	S 12
M13	0 47 28	10°31'17	6♓29	8°53	8°R35	0♌32	19°37	2°59	5°22	12°45	25°37	16°41	14°52	8° 8	n.a.	M13
T 14	0 51 25	11°32'01	18°46	10°28	8°33	1° 5	19°49	3° 0	5°25	12°47	25°40	16°36	14°48	8°14	n.a.	T 14
W15	0 55 21	12°32'48	0♈54	12° 4	8°28	1°37	20° 1	3° 1	5°28	12°48	25°42	16°29	14°45	8°21	n.a.	W15
T 16	0 59 18	13°33'35	12°57	13°39	8°21	2°10	20°14	3° 2	5°32	12°49	25°44	16°19	14°42	8°28	n.a.	T 16
F 17	1 3 14	14°34'24	24°54	15°14	8°11	2°42	20°26	3° 3	5°35	12°51	25°47	16° 8	14°39	8°34	n.a.	F 17
S 18	1 7 11	15°35'14	6♉48	16°49	7°59	3°14	20°39	3° 4	5°38	12°52	25°49	15°56	14°36	8°41	n.a.	S 18
S 19	1 11 7	16°36'06	18°40	18°23	7°44	3°46	20°51	3° 5	5°41	12°54	25°51	15°44	14°32	8°48	n.a.	S 19
M20	1 15 4	17°36'59	0♊32	19°58	7°27	4°17	21° 4	3° 5	5°44	12°55	25°54	15°33	14°29	8°55	n.a.	M20
T 21	1 19 1	18°37'54	12°26	21°32	7° 8	4°49	21°17	3° 6	5°47	12°57	25°56	15°25	14°26	9° 1	n.a.	T 21
W22	1 22 57	19°38'51	24°26	23° 6	6°46	5°21	21°30	3° 6	5°50	12°58	25°58	15°19	14°23	9° 8	n.a.	W22
T 23	1 26 54	20°39'48	6♋35	24°40	6°22	5°52	21°43	3° 6	5°53	13° 0	26° 1	15°16	14°20	9°15	n.a.	T 23
F 24	1 30 50	21°40'48	18°59	26°14	5°56	6°23	21°55	3°R 6	5°56	13° 1	26° 3	15°D15	14°17	9°21	n.a.	F 24
S 25	1 34 47	22°41'48	1♌42	27°48	5°29	6°54	22° 8	3° 6	5°59	13° 3	26° 6	15°15	14°13	9°28	n.a.	S 25
S 26	1 38 43	23°42'51	14°48	29°22	4°59	7°25	22°21	3° 6	6° 2	13° 4	26° 8	15°R15	14°10	9°35	n.a.	S 26
M27	1 42 40	24°43'54	28°22	0♏56	4°28	7°56	22°35	3° 6	6° 5	13° 6	26°10	15°15	14° 7	9°42	n.a.	M27
T 28	1 46 36	25°44'59	12♍26	2°29	3°55	8°27	22°48	3° 5	6° 8	13° 8	26°13	15°12	14° 4	9°48	n.a.	T 28
W29	1 50 33	26°46'05	26°59	4° 3	3°22	8°58	23° 1	3° 5	6°10	13° 9	26°15	15° 7	14° 1	9°55	n.a.	W29
T 30	1 54 30	27°47'12	11♎57	5°37	2°47	9°28	23°14	3° 4	6°13	13°11	26°17	14°58	13°58	10° 2	n.a.	T 30
F 31	1 58 26	28♎48'20	27♎12	7♏10	2♏11	9♌58	23♏27	3♋ 3	6♍16	13♐13	26♎20	14♒48	13♒54	10♉ 9	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	0n39	1n53	2s43	5n38	1n31	19s23	5s58	23n 2	1n24	16s55	0n20	23n44	0s 3	10n38	0n45	21s48	0n51	1n13	11n57	15s54	16s26	18n47			n.a.
T 2	0 14	5s 2	3 45	4 54	1 25	19 33	6 0	22 57	1 24	16 59	0 20	23 44	0 3	10 37	0 45	21 49	0 51	1 12	11 56	15 56	16 27	18 49			n.a.
F 3	0s10	11 44	4 32	4 10	1 20	19 42	6 2	22 51	1 25	17 2	0 20	23 44	0 3	10 36	0 45	21 49	0 51	1 11	11 56	15 58	16 28	18 52			n.a.
S 4	0 35	17 46	5 0	3 25	1 14	19 50	6 4	22 46	1 26	17 5	0 20	23 44	0 3	10 34	0 45	21 49	0 51	1 10	11 56	16 0	16 29	18 54			n.a.
S 5	0 59	22 40	5 8	2 40	1 9	19 57	6 5	22 40	1 27	17 9	0 20	23 44	0 3	10 33	0 45	21 49	0 51	1 9	11 56	16 2	16 30	18 56			n.a.
M 6	1 23	26 2	4 55	1 55	1 3	20 4	6 6	22 35	1 28	17 12	0 20	23 44	0 3	10 32	0 45	21 49	0 51	1 8	11 55	16 3	16 31	18 59			n.a.
T 7	1 48	27 38	4 24	1 11	0 56	20 9	6 6	22 29	1 29	17 16	0 20	23 44	0 3	10 31	0 45	21 49	0 51	1 7	11 55	16 4	16 32	19 1			n.a.
W 8	2 12	27 26	3 38	0 26	0 50	20 13	6 6	22 23	1 30	17 19	0 19	23 44	0 3	10 29	0 45	21 50	0 51	1 6	11 55	16 5	16 33	19 3			n.a.
T 9	2 37	25 34	2 41	0s19	0 44	20 16	6 6	22 17	1 31	17 23	0 19	23 44	0 3	10 28	0 45	21 50	0 51	1 5	11 55	16 5	16 34	19 6			n.a.
F 10	3 1	22 20	1 36	1 4	0 38	20 17	6 5	22 12	1 32	17 26	0 19	23 44	0 2	10 27	0 45	21 50	0 51	1 4	11 54	16 4	16 35	19 8			n.a.
S 11	3 25	18 5	0 28	1 49	0 31	20 18	6 4	22 5	1 33	17 30	0 19	23 44	0 2	10 26	0 45	21 50	0 51	1 3	11 54	16 4	16 36	19 11			n.a.
S 12	3 49	13 5	0n39	2 33	0 25	20 17	6 3	21 59	1 33	17 33	0 19	23 44	0 2	10 24	0 45	21 50	0 51	1 2	11 54	16 4	16 37	19 13			n.a.
M13	4 14	7 40	1 44	3 18	0 18	20 15	6 0	21 53	1 34	17 37	0 19	23 45	0 2	10 23	0 45	21 51	0 51	1 1	11 54	16 5	16 38	19 15			n.a.
T 14	4 38	2 1	2 43	4 2	0 12	20 12	5 58	21 47	1 35	17 40	0 19	23 45	0 2	10 22	0 45	21 51	0 51	1 0	11 54	16 6	16 39	19 18			n.a.
W15	5 2	3n37	3 33	4 46	0 5	20 7	5 54	21 40	1 36	17 44	0 18	23 45	0 2	10 21	0 45	21 51	0 51	0 59	11 54	16 9	16 40	19 20			n.a.
T 16	5 26	9 4	4 14	5 29	0s 1	20 1	5 50	21 34	1 37	17 47	0 18	23 45	0 2	10 20	0 45	21 51	0 51	0 58	11 53	16 11	16 41	19 22			n.a.
F 17	5 50	14 10	4 43	6 13	0 8	19 53	5 46	21 27	1 38	17 51	0 18	23 45	0 2	10 18	0 45	21 51	0 51	0 57	11 53	16 15	16 42	19 25			n.a.
S 18	6 14	18 42	4 59	6 56	0 14	19 44	5 41	21 21	1 39	17 54	0 18	23 45	0 2	10 17	0 45	21 52	0 51	0 56	11 53	16 19	16 43	19 27			n.a.
S 19	6 37	22 29	5 3	7 38	0 21	19 34	5 35	21 14	1 40	17 58	0 18	23 45	0 2	10 16	0 45	21 52	0 51	0 55	11 53	16 22	16 43	19 29			n.a.
M20	7 1	25 21	4 53	8 20	0 27	19 22	5 28	21 7	1 41	18 1	0 18	23 45	0 2	10 15	0 45	21 52	0 51	0 54	11 53	16 25	16 44	19 32			n.a.
T 21	7 25	27 6	4 30	9 2	0 34	19 9	5 21	21 1	1 42	18 5	0 18	23 45	0 1	10 14	0 45	21 52	0 50	0 53	11 53	16 28	16 45	19 34			n.a.
W22	7 48	27 37	3 56	9 44	0 40	18 54	5 13	20 54	1 43	18 8	0 17	23 45	0 1	10 13	0 45	21 52	0 50	0 52	11 52	16 30	16 46	19 36			n.a.
T 23	8 11	26 49	3 10	10 25	0 46	18 38	5 5	20 47	1 44	18 12	0 17	23 45	0 1	10 12	0 45	21 53	0 50	0 51	11 52	16 31	16 47	19 39			n.a.
F 24	8 35	24 40	2 15	11 5	0 52	18 20	4 55	20 40	1 45	18 15	0 17	23 45	0 1	10 11	0 45	21 53	0 50	0 50	11 52	16 31	16 48	19 41			n.a.
S 25	8 58	21 15	1 11	11 45	0 58	18 1	4 46	20 33	1 46	18 19	0 17	23 46	0 1	10 9	0 45	21 53	0 50	0 49	11 52	16 31	16 49	19 43			n.a.
S 26	9 21	16 41	0 2	12 25	1 4	17 41	4 35	20 26	1 47	18 22	0 17	23 46	0 1	10 8	0 45	21 53	0 50	0 49	11 52	16 31	16 50	19 45			n.a.
M27	9 43	11 9	1s 9	13 4	1 10	17 20	4 24	20 18	1 48	18 26	0 17	23 46	0 1	10 7	0 45	21 54	0 50	0 48	11 52	16 31	16 51	19 48			n.a.
T 28	10 6	4 52	2 19	13 42	1 15	16 57	4 12	20 11	1 49	18 29	0 17	23 46	0 1	10 6	0 45	21 54	0 50	0 47	11 52	16 32	16 52	19 50			n.a.
W29	10 29	1s52	3 22	14 20	1 21	16 34	3 59	20 4	1 50	18 33	0 17	23 46	0 1	10 5	0 45	21 54	0 50	0 46	11 52	16 33	16 53	19 52			n.a.
T 30	10 51	8 40	4 13	14 57	1 26	16 10	3 46	19 57	1 51	18 36	0 16	23 46	0 1	10 4	0 46	21 54	0 50	0 45	11 52	16 36	16 54	19 54			n.a.
F 31	11s13	15s 5	4s47	15s33	1s31	15s44	3s33	19n50	1n52	18s40	0n16	23n46	0s 0	10n 3	0n46	21s55	0n50	0n44	11n52	16s39	16s55	19n57			n.a.

Julian Day Number = 1367038.5, Delta T = 06h53m57s
Ecliptic obliquity = 23°48'47, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°28'15, Lahiri = -17°21'14 Julian Calendar 1 Oct. 971 BCE == Greg. Calendar 22 Sept. 971 BCE

The year -970 astronomical counting style corresponds to year 971 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 971 BCE
geocentric

NOVEMBER 971 BCE (-970) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 2 23	29♎49'29	12♏33	8♏44	1°R35	10♌29	23♏41	3°R 3	6♍19	13♐15	26♎22	14°R37	13♒51	10♉15	n.a.	S 1
S 2	2 6 19	0♏50'39	27°48	10°17	0♏59	10°59	23°54	3♋ 2	6°21	13°16	26°24	14♒26	13°48	10°22	n.a.	S 2
M 3	2 10 16	1°51'50	12♐47	11°51	0°23	11°28	24° 7	3° 1	6°24	13°18	26°27	14°17	13°45	10°29	n.a.	M 3
T 4	2 14 12	2°53'01	27°22	13°24	29♎47	11°58	24°21	3° 0	6°26	13°20	26°29	14°10	13°42	10°35	n.a.	T 4
W 5	2 18 9	3°54'13	11♑28	14°58	29°11	12°27	24°34	2°58	6°29	13°22	26°32	14° 6	13°38	10°42	n.a.	W 5
T 6	2 22 6	4°55'26	25° 5	16°31	28°36	12°57	24°48	2°57	6°31	13°24	26°34	14° 4	13°35	10°49	n.a.	T 6
F 7	2 26 2	5°56'38	8♒17	18° 4	28° 2	13°26	25° 1	2°55	6°34	13°26	26°36	14° 4	13°32	10°56	n.a.	F 7
S 8	2 29 59	6°57'51	21° 5	19°37	27°29	13°55	25°15	2°54	6°36	13°27	26°39	14° 4	13°29	11° 2	n.a.	S 8
S 9	2 33 55	7°59'04	3♓34	21°10	26°58	14°24	25°29	2°52	6°38	13°29	26°41	14° 3	13°26	11° 9	n.a.	S 9
M10	2 37 52	9° 0'18	15°50	22°43	26°28	14°52	25°42	2°50	6°41	13°31	26°43	13°59	13°23	11°16	n.a.	M10
T 11	2 41 48	10° 1'32	27°56	24°15	26° 0	15°21	25°56	2°48	6°43	13°33	26°46	13°53	13°19	11°23	n.a.	T 11
W12	2 45 45	11° 2'46	9♈55	25°47	25°34	15°49	26°10	2°46	6°45	13°35	26°48	13°44	13°16	11°29	n.a.	W12
T 13	2 49 41	12° 4'00	21°51	27°19	25°10	16°17	26°23	2°44	6°47	13°37	26°50	13°31	13°13	11°36	n.a.	T 13
F 14	2 53 38	13° 5'15	3♉44	28°50	24°48	16°45	26°37	2°42	6°49	13°39	26°52	13°17	13°10	11°43	n.a.	F 14
S 15	2 57 35	14° 6'30	15°37	0♐20	24°28	17°13	26°51	2°40	6°51	13°41	26°55	13° 2	13° 7	11°49	n.a.	S 15
S 16	3 1 31	15° 7'46	27°30	1°49	24°11	17°40	27° 5	2°37	6°53	13°43	26°57	12°47	13° 4	11°56	n.a.	S 16
M17	3 5 28	16° 9'01	9♊25	3°18	23°56	18° 7	27°18	2°35	6°55	13°45	26°59	12°33	13° 0	12° 3	n.a.	M17
T 18	3 9 24	17°10'18	21°24	4°44	23°44	18°34	27°32	2°32	6°57	13°47	27° 2	12°22	12°57	12°10	n.a.	T 18
W19	3 13 21	18°11'34	3♋28	6°10	23°34	19° 1	27°46	2°29	6°59	13°50	27° 4	12°13	12°54	12°16	n.a.	W19
T 20	3 17 17	19°12'51	15°40	7°33	23°27	19°28	28° 0	2°26	7° 0	13°52	27° 6	12° 8	12°51	12°23	n.a.	T 20
F 21	3 21 14	20°14'09	28° 4	8°54	23°22	19°54	28°14	2°24	7° 2	13°54	27° 8	12° 6	12°48	12°30	n.a.	F 21
S 22	3 25 11	21°15'26	10♌44	10°13	23°D20	20°20	28°28	2°21	7° 4	13°56	27°10	12°D 5	12°44	12°37	n.a.	S 22
S 23	3 29 7	22°16'44	23°44	11°28	23°20	20°46	28°42	2°17	7° 6	13°58	27°13	12°R 5	12°41	12°43	n.a.	S 23
M24	3 33 4	23°18'03	7♍ 9	12°40	23°23	21°12	28°56	2°14	7° 7	14° 0	27°15	12° 5	12°38	12°50	n.a.	M24
T 25	3 37 0	24°19'21	21° 0	13°47	23°28	21°37	29°10	2°11	7° 9	14° 2	27°17	12° 2	12°35	12°57	n.a.	T 25
W26	3 40 57	25°20'40	5♎20	14°50	23°36	22° 2	29°24	2° 8	7°10	14° 5	27°19	11°57	12°32	13° 3	n.a.	W26
T 27	3 44 53	26°21'58	20° 6	15°46	23°45	22°27	29°38	2° 4	7°12	14° 7	27°21	11°50	12°29	13°10	n.a.	T 27
F 28	3 48 50	27°23'17	5♏12	16°36	23°57	22°52	29°52	2° 1	7°13	14° 9	27°23	11°40	12°25	13°17	n.a.	F 28
S 29	3 52 46	28°24'36	20°30	17°19	24°11	23°16	0♐ 6	1°57	7°14	14°11	27°26	11°29	12°22	13°24	n.a.	S 29
S 30	3 56 43	29♏25'55	5♐49	17♐53	24♎28	23♌40	0♐20	1♋53	7♍15	14♐13	27♎28	11♒18	12♒19	13♉30	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s35	20s36	5s 1	16s 8	1s36	15s18	3s19	19n42	1n53	18s43	0n16	23n46	0s 0	10n 2	0n46	21s55	0n50	0n43	11n52	16s42	16s56	19n59		n.a.
S 2	11 57	24 43	4 53	16 43	1 41	14 52	3 4	19 35	1 55	18 47	0 16	23 46	0 0	10 1	0 46	21 55	0 50	0 42	11 52	16 45	16 57	20 1		n.a.
M 3	12 18	27 4	4 25	17 17	1 45	14 25	2 49	19 28	1 56	18 50	0 16	23 47	0 0	10 1	0 46	21 55	0 50	0 41	11 52	16 48	16 57	20 3		n.a.
T 4	12 40	27 27	3 40	17 50	1 49	13 58	2 34	19 20	1 57	18 54	0 16	23 47	0n 0	10 0	0 46	21 56	0 50	0 40	11 51	16 50	16 58	20 6		n.a.
W 5	13 1	26 1	2 43	18 23	1 53	13 31	2 19	19 13	1 58	18 57	0 16	23 47	0 0	9 59	0 46	21 56	0 50	0 40	11 51	16 51	16 59	20 8		n.a.
T 6	13 22	23 4	1 39	18 54	1 57	13 4	2 3	19 5	1 59	19 1	0 16	23 47	0 0	9 58	0 46	21 56	0 50	0 39	11 51	16 52	17 0	20 10		n.a.
F 7	13 43	18 58	0 31	19 24	2 0	12 37	1 48	18 58	2 0	19 4	0 15	23 47	0 0	9 57	0 46	21 56	0 50	0 38	11 51	16 52	17 1	20 12		n.a.
S 8	14 3	14 7	0n37	19 53	2 3	12 10	1 32	18 50	2 1	19 8	0 15	23 47	0 0	9 56	0 46	21 57	0 50	0 37	11 51	16 52	17 2	20 15		n.a.
S 9	14 23	8 47	1 41	20 21	2 6	11 44	1 16	18 43	2 2	19 11	0 15	23 47	0 1	9 55	0 46	21 57	0 50	0 36	11 51	16 52	17 3	20 17		n.a.
M10	14 43	3 14	2 39	20 48	2 8	11 19	1 1	18 35	2 4	19 14	0 15	23 48	0 1	9 54	0 46	21 57	0 50	0 35	11 51	16 53	17 4	20 19		n.a.
T 11	15 3	2n21	3 29	21 14	2 10	10 54	0 45	18 28	2 5	19 18	0 15	23 48	0 1	9 54	0 46	21 58	0 50	0 35	11 51	16 55	17 5	20 21		n.a.
W12	15 22	7 48	4 9	21 38	2 12	10 30	0 30	18 21	2 6	19 21	0 15	23 48	0 1	9 53	0 46	21 58	0 50	0 34	11 51	16 58	17 6	20 23		n.a.
T 13	15 42	12 56	4 38	22 1	2 13	10 7	0 15	18 13	2 7	19 25	0 15	23 48	0 1	9 52	0 46	21 58	0 50	0 33	11 51	17 1	17 7	20 26		n.a.
F 14	16 1	17 34	4 55	22 23	2 14	9 46	0 1	18 6	2 8	19 28	0 15	23 48	0 1	9 51	0 46	21 58	0 50	0 32	11 51	17 6	17 8	20 28		n.a.
S 15	16 19	21 31	4 59	22 43	2 14	9 25	0n14	17 58	2 9	19 31	0 15	23 48	0 1	9 51	0 46	21 59	0 50	0 31	11 51	17 10	17 9	20 30		n.a.
S 16	16 38	24 36	4 49	23 1	2 13	9 6	0 28	17 51	2 11	19 35	0 14	23 48	0 1	9 50	0 46	21 59	0 50	0 31	11 51	17 14	17 9	20 32		n.a.
M17	16 56	26 36	4 27	23 18	2 12	8 48	0 41	17 43	2 12	19 38	0 14	23 49	0 1	9 49	0 46	21 59	0 50	0 30	11 52	17 18	17 10	20 34		n.a.
T 18	17 13	27 25	3 53	23 33	2 10	8 31	0 54	17 36	2 13	19 41	0 14	23 49	0 2	9 49	0 46	21 59	0 50	0 29	11 52	17 21	17 11	20 36		n.a.
W19	17 31	26 55	3 9	23 46	2 8	8 15	1 7	17 29	2 14	19 45	0 14	23 49	0 2	9 48	0 46	22 0	0 50	0 28	11 52	17 24	17 12	20 39		n.a.
T 20	17 48	25 6	2 15	23 58	2 5	8 1	1 19	17 21	2 16	19 48	0 14	23 49	0 2	9 47	0 46	22 0	0 50	0 28	11 52	17 25	17 13	20 41		n.a.
F 21	18 5	22 4	1 13	24 7	2 1	7 49	1 31	17 14	2 17	19 51	0 14	23 49	0 2	9 47	0 46	22 0	0 50	0 27	11 52	17 26	17 14	20 43		n.a.
S 22	18 21	17 56	0 7	24 14	1 56	7 37	1 42	17 7	2 18	19 54	0 14	23 49	0 2	9 46	0 46	22 1	0 50	0 26	11 52	17 26	17 15	20 45		n.a.
S 23	18 37	12 51	1s 1	24 19	1 50	7 27	1 53	16 59	2 19	19 58	0 14	23 50	0 2	9 46	0 46	22 1	0 50	0 26	11 52	17 26	17 16	20 47		n.a.
M24	18 53	7 2	2 8	24 22	1 43	7 19	2 3	16 52	2 21	20 1	0 13	23 50	0 2	9 45	0 46	22 1	0 50	0 25	11 52	17 26	17 17	20 49		n.a.
T 25	19 9	0 43	3 10	24 23	1 35	7 12	2 13	16 45	2 22	20 4	0 13	23 50	0 2	9 44	0 46	22 1	0 49	0 24	11 52	17 27	17 18	20 51		n.a.
W26	19 24	5s51	4 2	24 22	1 26	7 6	2 23	16 38	2 23	20 7	0 13	23 50	0 2	9 44	0 47	22 2	0 49	0 24	11 52	17 28	17 19	20 53		n.a.
T 27	19 39	12 17	4 40	24 18	1 16	7 1	2 32	16 31	2 25	20 10	0 13	23 50	0 3	9 43	0 47	22 2	0 49	0 23	11 52	17 31	17 19	20 56		n.a.
F 28	19 53	18 9	4 59	24 12	1 5	6 58	2 40	16 24	2 26	20 13	0 13	23 50	0 3	9 43	0 47	22 2	0 49	0 22	11 52	17 33	17 20	20 58		n.a.
S 29	20 7	22 55	4 57	24 4	0 52	6 56	2 48	16 17	2 27	20 17	0 13	23 51	0 3	9 42	0 47	22 2	0 49	0 22	11 53	17 36	17 21	21 0		n.a.
S 30	20s21	26s 6	4s34	23s54	0s39	6s55	2n55	16n10	2n29	20s20	0n13	23n51	0n 3	9n42	0n47	22s 3	0n49	0n21	11n53	17s40	17s22	21n 2		n.a.

Julian Day Number = 1367069.5, Delta T = 06h53m55s
Ecliptic obliquity = 23°48'46, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°28'11, Lahiri = -17°21'10 Julian Calendar 1 Nov. 971 BCE == Greg. Calendar 23 Oct. 971 BCE

The year -970 astronomical counting style corresponds to year 971 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 971 BCE
geocentric

DECEMBER 971 BCE (-970) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 0 40	0♐27'14	20♐56	18♐18	24♎46	24♌ 4	0♐34	1°R50	7♍17	14♐16	27♎30	11°R 8	12♒16	13♉37	n.a.	M 1
T 2	4 4 36	1°28'32	5♑41	18°33	25° 6	24°28	0°48	1♋46	7°18	14°18	27°32	11♒ 1	12°13	13°44	n.a.	T 2
W 3	4 8 33	2°29'49	20° 0	18°R37	25°28	24°51	1° 2	1°42	7°19	14°20	27°34	10°57	12°10	13°51	n.a.	W 3
T 4	4 12 29	3°31'06	3♒49	18°30	25°52	25°14	1°16	1°38	7°20	14°22	27°36	10°55	12° 6	13°57	n.a.	T 4
F 5	4 16 26	4°32'22	17° 8	18°11	26°18	25°36	1°30	1°34	7°21	14°25	27°38	10°D55	12° 3	14° 4	n.a.	F 5
S 6	4 20 22	5°33'37	0♓ 2	17°40	26°46	25°58	1°44	1°30	7°22	14°27	27°40	10°R55	12° 0	14°11	n.a.	S 6
S 7	4 24 19	6°34'51	12°34	16°58	27°15	26°20	1°58	1°26	7°23	14°29	27°42	10°55	11°57	14°17	n.a.	S 7
M 8	4 28 16	7°36'05	24°48	16° 5	27°46	26°42	2°12	1°21	7°23	14°31	27°44	10°54	11°54	14°24	n.a.	M 8
T 9	4 32 12	8°37'18	6♈51	15° 3	28°18	27° 3	2°26	1°17	7°24	14°34	27°46	10°49	11°50	14°31	n.a.	T 9
W10	4 36 9	9°38'29	18°47	13°53	28°52	27°24	2°39	1°13	7°25	14°36	27°48	10°43	11°47	14°38	n.a.	W10
T 11	4 40 5	10°39'40	0♉39	12°38	29°27	27°45	2°53	1° 8	7°26	14°38	27°49	10°34	11°44	14°44	n.a.	T 11
F 12	4 44 2	11°40'50	12°30	11°21	0♏ 3	28° 5	3° 7	1° 4	7°26	14°40	27°51	10°23	11°41	14°51	n.a.	F 12
S 13	4 47 58	12°41'59	24°23	10° 3	0°41	28°25	3°21	0°59	7°27	14°43	27°53	10°11	11°38	14°58	n.a.	S 13
S 14	4 51 55	13°43'08	6♊20	8°46	1°20	28°44	3°35	0°55	7°27	14°45	27°55	9°59	11°35	15° 4	n.a.	S 14
M15	4 55 51	14°44'15	18°22	7°34	2° 1	29° 3	3°49	0°50	7°28	14°47	27°57	9°49	11°31	15°11	n.a.	M15
T 16	4 59 48	15°45'22	0♋30	6°28	2°42	29°22	4° 3	0°46	7°28	14°49	27°59	9°40	11°28	15°18	n.a.	T 16
W17	5 3 45	16°46'28	12°45	5°29	3°25	29°40	4°17	0°41	7°28	14°52	28° 0	9°34	11°25	15°25	n.a.	W17
T 18	5 7 41	17°47'33	25° 9	4°38	4° 8	29°58	4°31	0°36	7°28	14°54	28° 2	9°31	11°22	15°31	n.a.	T 18
F 19	5 11 38	18°48'37	7♌44	3°56	4°53	0♍16	4°44	0°32	7°29	14°56	28° 4	9°D29	11°19	15°38	n.a.	F 19
S 20	5 15 34	19°49'40	20°32	3°23	5°39	0°33	4°58	0°27	7°29	14°59	28° 5	9°30	11°16	15°45	n.a.	S 20
S 21	5 19 31	20°50'43	3♍35	2°59	6°26	0°50	5°12	0°22	7°29	15° 1	28° 7	9°31	11°12	15°52	n.a.	S 21
M22	5 23 27	21°51'44	16°58	2°43	7°13	1° 6	5°26	0°17	7°R29	15° 3	28° 9	9°R32	11° 9	15°58	n.a.	M22
T 23	5 27 24	22°52'45	0♎41	2°D37	8° 2	1°21	5°39	0°12	7°29	15° 5	28°10	9°32	11° 6	16° 5	n.a.	T 23
W24	5 31 20	23°53'45	14°46	2°38	8°51	1°37	5°53	0° 8	7°29	15° 8	28°12	9°30	11° 3	16°12	n.a.	W24
T 25	5 35 17	24°54'44	29°13	2°47	9°41	1°51	6° 7	0° 3	7°29	15°10	28°13	9°26	11° 0	16°18	n.a.	T 25
F 26	5 39 14	25°55'42	13♏58	3° 3	10°32	2° 6	6°20	29♊58	7°28	15°12	28°15	9°20	10°56	16°25	n.a.	F 26
S 27	5 43 10	26°56'39	28°55	3°25	11°24	2°19	6°34	29°53	7°28	15°14	28°16	9°14	10°53	16°32	n.a.	S 27
S 28	5 47 7	27°57'35	13♐55	3°53	12°16	2°33	6°48	29°48	7°28	15°17	28°18	9° 7	10°50	16°39	n.a.	S 28
M29	5 51 3	28°58'30	28°50	4°26	13° 9	2°45	7° 1	29°43	7°27	15°19	28°19	9° 1	10°47	16°45	n.a.	M29
T 30	5 55 0	29°59'24	13♑31	5° 4	14° 3	2°58	7°15	29°38	7°27	15°21	28°20	8°57	10°44	16°52	n.a.	T 30
W31	5 58 56	1♑ 0'16	27♑50	5♐47	14♏57	3♍ 9	7♐28	29♊33	7♍27	15♐23	28♎22	8♒55	10♒41	16♉59	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	20s34	27s21	3s52	23s41	0s24	6s55	3n 3	16n 3	2n30	20s23	0n13	23n51	0n 3	9n42	0n47	22s 3	0n49	0n20	11n53	17s42	17s23	21n 4			n.a.
T 2	20 47	26 36	2 55	23 26	0 7	6 56	3 9	15 57	2 31	20 26	0 13	23 51	0 3	9 41	0 47	22 3	0 49	0 20	11 53	17 44	17 24	21 6			n.a.
W 3	20 59	24 5	1 49	23 9	0n10	6 58	3 15	15 50	2 33	20 29	0 13	23 51	0 3	9 41	0 47	22 4	0 49	0 19	11 53	17 45	17 25	21 8			n.a.
T 4	21 11	20 13	0 38	22 50	0 28	7 2	3 21	15 44	2 34	20 32	0 12	23 51	0 3	9 41	0 47	22 4	0 49	0 19	11 53	17 46	17 26	21 10			n.a.
F 5	21 23	15 25	0n33	22 30	0 47	7 6	3 27	15 37	2 36	20 35	0 12	23 52	0 3	9 40	0 47	22 4	0 49	0 18	11 53	17 46	17 27	21 12			n.a.
S 6	21 34	10 5	1 40	22 7	1 7	7 11	3 32	15 31	2 37	20 38	0 12	23 52	0 4	9 40	0 47	22 4	0 49	0 18	11 54	17 46	17 28	21 14			n.a.
S 7	21 45	4 29	2 40	21 44	1 26	7 18	3 36	15 25	2 38	20 41	0 12	23 52	0 4	9 40	0 47	22 5	0 49	0 17	11 54	17 46	17 29	21 16			n.a.
M 8	21 55	1n 8	3 31	21 19	1 46	7 25	3 41	15 18	2 40	20 44	0 12	23 52	0 4	9 39	0 47	22 5	0 49	0 16	11 54	17 46	17 29	21 18			n.a.
T 9	22 5	6 37	4 12	20 54	2 5	7 32	3 45	15 12	2 41	20 47	0 12	23 52	0 4	9 39	0 47	22 5	0 49	0 16	11 54	17 47	17 30	21 20			n.a.
W10	22 15	11 48	4 42	20 28	2 22	7 41	3 48	15 6	2 43	20 49	0 12	23 52	0 4	9 39	0 47	22 6	0 49	0 15	11 54	17 49	17 31	21 22			n.a.
T 11	22 24	16 32	4 59	20 3	2 38	7 51	3 52	15 0	2 44	20 52	0 12	23 53	0 4	9 39	0 47	22 6	0 49	0 15	11 54	17 52	17 32	21 24			n.a.
F 12	22 32	20 38	5 3	19 39	2 53	8 1	3 55	14 55	2 46	20 55	0 12	23 53	0 4	9 38	0 47	22 6	0 49	0 15	11 55	17 55	17 33	21 26			n.a.
S 13	22 40	23 55	4 54	19 16	3 5	8 11	3 57	14 49	2 47	20 58	0 11	23 53	0 4	9 38	0 47	22 6	0 49	0 14	11 55	17 58	17 34	21 28			n.a.
S 14	22 48	26 10	4 33	18 54	3 14	8 23	4 0	14 44	2 49	21 1	0 11	23 53	0 4	9 38	0 47	22 7	0 49	0 14	11 55	18 1	17 35	21 30			n.a.
M15	22 55	27 15	3 58	18 36	3 22	8 35	4 2	14 38	2 50	21 4	0 11	23 53	0 5	9 38	0 47	22 7	0 49	0 13	11 55	18 4	17 36	21 32			n.a.
T 16	23 2	27 2	3 13	18 20	3 27	8 48	4 3	14 33	2 52	21 6	0 11	23 53	0 5	9 38	0 47	22 7	0 49	0 13	11 55	18 6	17 37	21 34			n.a.
W17	23 9	25 29	2 18	18 7	3 29	9 1	4 5	14 28	2 54	21 9	0 11	23 53	0 5	9 38	0 47	22 7	0 49	0 12	11 56	18 8	17 37	21 36			n.a.
T 18	23 15	22 41	1 16	17 58	3 30	9 14	4 6	14 23	2 55	21 12	0 11	23 54	0 5	9 38	0 47	22 8	0 49	0 12	11 56	18 9	17 38	21 38			n.a.
F 19	23 20	18 46	0 9	17 51	3 28	9 29	4 7	14 18	2 57	21 14	0 11	23 54	0 5	9 38	0 48	22 8	0 49	0 12	11 56	18 9	17 39	21 40			n.a.
S 20	23 25	13 56	0s59	17 48	3 25	9 43	4 8	14 13	2 58	21 17	0 11	23 54	0 5	9 38	0 48	22 8	0 49	0 11	11 56	18 9	17 40	21 42			n.a.
S 21	23 29	8 23	2 6	17 48	3 20	9 58	4 8	14 9	3 0	21 20	0 11	23 54	0 5	9 38	0 48	22 9	0 49	0 11	11 57	18 9	17 41	21 44			n.a.
M22	23 33	2 21	3 8	17 51	3 14	10 13	4 9	14 5	3 2	21 22	0 11	23 54	0 5	9 38	0 48	22 9	0 49	0 11	11 57	18 9	17 42	21 46			n.a.
T 23	23 37	3s57	4 1	17 57	3 8	10 29	4 9	14 0	3 3	21 25	0 10	23 54	0 5	9 38	0 48	22 9	0 49	0 10	11 57	18 9	17 43	21 48			n.a.
W24	23 40	10 12	4 40	18 4	3 0	10 45	4 9	13 56	3 5	21 27	0 10	23 54	0 6	9 38	0 48	22 9	0 49	0 10	11 57	18 9	17 44	21 50			n.a.
T 25	23 43	16 5	5 4	18 14	2 51	11 1	4 8	13 52	3 7	21 30	0 10	23 54	0 6	9 38	0 48	22 10	0 49	0 10	11 58	18 10	17 45	21 52			n.a.
F 26	23 45	21 9	5 8	18 26	2 42	11 18	4 8	13 49	3 8	21 32	0 10	23 55	0 6	9 38	0 48	22 10	0 49	0 9	11 58	18 12	17 45	21 54			n.a.
S 27	23 47	24 57	4 51	18 40	2 33	11 34	4 7	13 45	3 10	21 35	0 10	23 55	0 6	9 38	0 48	22 10	0 49	0 9	11 58	18 13	17 46	21 56			n.a.
S 28	23 48	27 2	4 14	18 54	2 23	11 51	4 6	13 42	3 12	21 37	0 10	23 55	0 6	9 38	0 48	22 10	0 49	0 9	11 58	18 15	17 47	21 58			n.a.
M29	23 48	27 8	3 20	19 10	2 13	12 8	4 5	13 39	3 13	21 40	0 10	23 55	0 6	9 39	0 48	22 11	0 49	0 9	11 59	18 17	17 48	22 0			n.a.
T 30	23 49	25 20	2 13	19 27	2 3	12 26	4 4	13 36	3 15	21 42	0 10	23 55	0 6	9 39	0 48	22 11	0 49	0 8	11 59	18 18	17 49	22 2			n.a.
W31	23s48	21s54	1s 0	19s45	1n53	12s43	4n 2	13n33	3n17	21s44	0n10	23n55	0n 6	9n39	0n48	22s11	0n49	0n 8	11n59	18s19	17s50	22n 4			n.a.

Julian Day Number = 1367099.5, Delta T = 06h53m54s
Ecliptic obliquity = 23°48'45, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°28'07, Lahiri = -17°21'06 Julian Calendar 1 Dec. 971 BCE == Greg. Calendar 22 Nov. 971 BCE

The year -970 astronomical counting style corresponds to year 971 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 970 BCE
geocentric

JANUARY 970 BCE (-969) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 2 53	2♉ 1'06	11♒44	6♐34	15♏52	3♍20	7♐41	29°R28	7°R26	15♐26	28♎23	8°D54	10♒37	17♉ 6	n.a.	T 1
F 2	6 6 50	3° 1'55	25°11	7°24	16°47	3°31	7°55	29♊23	7♍25	15°28	28°24	8♒55	10°34	17°12	n.a.	F 2
S 3	6 10 46	4° 2'42	8♓12	8°18	17°43	3°41	8° 8	29°19	7°25	15°30	28°26	8°57	10°31	17°19	n.a.	S 3
S 4	6 14 43	5° 3'27	20°50	9°15	18°40	3°50	8°21	29°14	7°24	15°32	28°27	8°58	10°28	17°26	n.a.	S 4
M 5	6 18 39	6° 4'10	3♈10	10°15	19°37	3°59	8°35	29° 9	7°23	15°34	28°28	8°R59	10°25	17°32	n.a.	M 5
T 6	6 22 36	7° 4'51	15°15	11°17	20°35	4° 7	8°48	29° 4	7°23	15°36	28°29	8°59	10°22	17°39	n.a.	T 6
W 7	6 26 32	8° 5'31	27°12	12°22	21°33	4°15	9° 1	28°59	7°22	15°39	28°30	8°57	10°18	17°46	n.a.	W 7
T 8	6 30 29	9° 6'09	9♉ 4	13°29	22°31	4°21	9°14	28°54	7°21	15°41	28°32	8°54	10°15	17°53	n.a.	T 8
F 9	6 34 25	10° 6'45	20°55	14°38	23°30	4°28	9°27	28°50	7°20	15°43	28°33	8°50	10°12	17°59	n.a.	F 9
S 10	6 38 22	11° 7'19	2♊50	15°49	24°29	4°33	9°40	28°45	7°19	15°45	28°34	8°45	10° 9	18° 6	n.a.	S 10
S 11	6 42 19	12° 7'51	14°51	17° 2	25°29	4°38	9°53	28°40	7°18	15°47	28°35	8°40	10° 6	18°13	n.a.	S 11
M12	6 46 15	13° 8'21	27° 1	18°17	26°29	4°43	10° 6	28°35	7°17	15°49	28°36	8°35	10° 2	18°20	n.a.	M12
T 13	6 50 12	14° 8'50	9♋21	19°33	27°30	4°46	10°19	28°31	7°15	15°51	28°37	8°32	9°59	18°26	n.a.	T 13
W14	6 54 8	15° 9'17	21°51	20°51	28°31	4°49	10°32	28°26	7°14	15°53	28°38	8°30	9°56	18°33	n.a.	W14
T 15	6 58 5	16° 9'42	4♌33	22°10	29°32	4°51	10°44	28°22	7°13	15°55	28°38	8°D29	9°53	18°40	n.a.	T 15
F 16	7 2 1	17°10'05	17°28	23°31	0♐34	4°53	10°57	28°17	7°12	15°57	28°39	8°29	9°50	18°46	n.a.	F 16
S 17	7 5 58	18°10'26	0♍35	24°53	1°36	4°54	11°10	28°13	7°10	15°59	28°40	8°30	9°47	18°53	n.a.	S 17
S 18	7 9 54	19°10'46	13°55	26°16	2°38	4°R54	11°22	28° 8	7° 9	16° 1	28°41	8°31	9°43	19° 0	n.a.	S 18
M19	7 13 51	20°11'04	27°28	27°41	3°41	4°53	11°34	28° 4	7° 8	16° 3	28°42	8°33	9°40	19° 7	n.a.	M19
T 20	7 17 48	21°11'21	11♎15	29° 7	4°44	4°51	11°47	28° 0	7° 6	16° 5	28°42	8°34	9°37	19°13	n.a.	T 20
W21	7 21 44	22°11'36	25°16	0♏33	5°47	4°49	11°59	27°55	7° 4	16° 7	28°43	8°R34	9°34	19°20	n.a.	W21
T 22	7 25 41	23°11'49	9♏30	2° 2	6°50	4°46	12°11	27°51	7° 3	16° 9	28°44	8°33	9°31	19°27	n.a.	T 22
F 23	7 29 37	24°12'01	23°53	3°31	7°54	4°43	12°24	27°47	7° 1	16°11	28°44	8°32	9°27	19°33	n.a.	F 23
S 24	7 33 34	25°12'11	8♐23	5° 1	8°58	4°38	12°36	27°43	7° 0	16°13	28°45	8°30	9°24	19°40	n.a.	S 24
S 25	7 37 30	26°12'19	22°56	6°33	10° 2	4°33	12°48	27°39	6°58	16°15	28°45	8°29	9°21	19°47	n.a.	S 25
M26	7 41 27	27°12'26	7♑24	8° 5	11° 7	4°27	13° 0	27°35	6°56	16°17	28°46	8°27	9°18	19°54	n.a.	M26
T 27	7 45 23	28°12'30	21°43	9°39	12°11	4°20	13°12	27°31	6°54	16°18	28°46	8°26	9°15	20° 0	n.a.	T 27
W28	7 49 20	29°12'33	5♒47	11°14	13°16	4°12	13°23	27°27	6°53	16°20	28°47	8°D26	9°12	20° 7	n.a.	W28
T 29	7 53 17	0♒12'33	19°31	12°49	14°21	4° 4	13°35	27°24	6°51	16°22	28°47	8°26	9° 8	20°14	n.a.	T 29
F 30	7 57 13	1°12'32	2♓55	14°26	15°27	3°54	13°47	27°20	6°49	16°24	28°48	8°27	9° 5	20°21	n.a.	F 30
S 31	8 1 10	2♒12'27	15♓57	16♉ 5	16♐32	3♍44	13♐58	27♊16	6♍47	16♐25	28♎48	8♒27	9♒ 2	20♉27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23s48	17s17	0n15	20s 3	1n43	13s 0	4n 1	13n31	3n19	21s47	0n10	23n55	0n 6	9n39	0n48	22s11	0n49	0n 8	11n59	18s19	17s51	22n 5			n.a.
F 2	23 47	11 57	1 28	20 21	1 33	13 18	3 59	13 29	3 20	21 49	0 9	23 55	0 7	9 40	0 48	22 12	0 49	0 8	12 0	18 19	17 52	22 7			n.a.
S 3	23 45	6 16	2 33	20 40	1 23	13 35	3 57	13 26	3 22	21 51	0 9	23 55	0 7	9 40	0 48	22 12	0 49	0 8	12 0	18 18	17 52	22 9			n.a.
S 4	23 43	0 30	3 29	20 59	1 13	13 53	3 55	13 25	3 24	21 53	0 9	23 55	0 7	9 40	0 48	22 12	0 49	0 7	12 0	18 18	17 53	22 11			n.a.
M 5	23 40	5n 8	4 14	21 18	1 3	14 11	3 53	13 23	3 26	21 56	0 9	23 55	0 7	9 40	0 48	22 12	0 49	0 7	12 0	18 17	17 54	22 13			n.a.
T 6	23 37	10 29	4 46	21 36	0 53	14 28	3 51	13 22	3 27	21 58	0 9	23 56	0 7	9 41	0 48	22 13	0 49	0 7	12 1	18 18	17 55	22 15			n.a.
W 7	23 34	15 22	5 6	21 55	0 43	14 46	3 48	13 20	3 29	22 0	0 9	23 56	0 7	9 41	0 48	22 13	0 49	0 7	12 1	18 18	17 56	22 17			n.a.
T 8	23 30	19 39	5 12	22 13	0 34	15 3	3 46	13 19	3 31	22 2	0 9	23 56	0 7	9 42	0 48	22 13	0 49	0 7	12 1	18 19	17 57	22 19			n.a.
F 9	23 25	23 10	5 5	22 30	0 25	15 21	3 43	13 19	3 33	22 4	0 9	23 56	0 7	9 42	0 48	22 13	0 49	0 7	12 2	18 20	17 58	22 20			n.a.
S 10	23 20	25 43	4 45	22 47	0 16	15 38	3 40	13 18	3 34	22 6	0 9	23 56	0 7	9 42	0 48	22 13	0 49	0 7	12 2	18 21	17 59	22 22			n.a.
S 11	23 15	27 7	4 13	23 4	0 7	15 55	3 37	13 18	3 36	22 8	0 9	23 56	0 7	9 43	0 48	22 14	0 49	0 7	12 2	18 23	17 59	22 24			n.a.
M12	23 9	27 15	3 28	23 19	0s 2	16 12	3 34	13 18	3 38	22 10	0 8	23 56	0 8	9 43	0 49	22 14	0 49	0 7	12 3	18 24	18 0	22 26			n.a.
T 13	23 3	26 1	2 33	23 34	0 11	16 29	3 31	13 18	3 40	22 12	0 8	23 56	0 8	9 44	0 49	22 14	0 49	0 6	12 3	18 25	18 1	22 28			n.a.
W14	22 56	23 29	1 30	23 48	0 19	16 46	3 28	13 19	3 41	22 14	0 8	23 56	0 8	9 44	0 49	22 14	0 49	0 6	12 3	18 25	18 2	22 30			n.a.
T 15	22 49	19 46	0 22	24 1	0 27	17 2	3 25	13 20	3 43	22 16	0 8	23 56	0 8	9 45	0 49	22 15	0 49	0 6	12 4	18 26	18 3	22 31			n.a.
F 16	22 41	15 4	0s49	24 14	0 34	17 18	3 21	13 21	3 45	22 18	0 8	23 56	0 8	9 45	0 49	22 15	0 49	0 6	12 4	18 26	18 4	22 33			n.a.
S 17	22 33	9 35	1 59	24 25	0 42	17 35	3 18	13 22	3 47	22 20	0 8	23 56	0 8	9 46	0 49	22 15	0 49	0 6	12 4	18 25	18 5	22 35			n.a.
S 18	22 25	3 37	3 3	24 35	0 49	17 50	3 14	13 24	3 48	22 22	0 8	23 56	0 8	9 46	0 49	22 15	0 49	0 6	12 4	18 25	18 5	22 37			n.a.
M19	22 16	2s37	3 58	24 44	0 56	18 6	3 11	13 25	3 50	22 24	0 8	23 56	0 8	9 47	0 49	22 15	0 49	0 7	12 5	18 24	18 6	22 38			n.a.
T 20	22 7	8 49	4 41	24 51	1 3	18 21	3 7	13 28	3 52	22 25	0 8	23 56	0 8	9 48	0 49	22 16	0 49	0 7	12 5	18 24	18 7	22 40			n.a.
W21	21 57	14 41	5 7	24 58	1 9	18 36	3 3	13 30	3 53	22 27	0 8	23 56	0 9	9 48	0 49	22 16	0 49	0 7	12 5	18 24	18 8	22 42			n.a.
T 22	21 47	19 51	5 16	25 3	1 15	18 51	2 59	13 33	3 55	22 29	0 7	23 56	0 9	9 49	0 49	22 16	0 49	0 7	12 6	18 24	18 9	22 44			n.a.
F 23	21 37	23 57	5 5	25 7	1 21	19 5	2 55	13 35	3 57	22 31	0 7	23 56	0 9	9 49	0 49	22 16	0 49	0 7	12 6	18 25	18 10	22 46			n.a.
S 24	21 26	26 33	4 34	25 9	1 27	19 19	2 52	13 39	3 58	22 32	0 7	23 56	0 9	9 50	0 49	22 16	0 49	0 7	12 6	18 25	18 11	22 47			n.a.
S 25	21 14	27 23	3 46	25 10	1 32	19 32	2 48	13 42	4 0	22 34	0 7	23 56	0 9	9 51	0 49	22 17	0 49	0 7	12 7	18 26	18 12	22 49			n.a.
M26	21 3	26 19	2 43	25 10	1 36	19 46	2 43	13 46	4 1	22 36	0 7	23 56	0 9	9 51	0 49	22 17	0 49	0 7	12 7	18 26	18 12	22 51			n.a.
T 27	20 51	23 32	1 31	25 8	1 41	19 58	2 39	13 50	4 3	22 37	0 7	23 56	0 9	9 52	0 49	22 17	0 49	0 7	12 7	18 26	18 13	22 53			n.a.
W28	20 38	19 22	0 15	25 4	1 45	20 11	2 35	13 54	4 4	22 39	0 7	23 56	0 9	9 53	0 49	22 17	0 49	0 7	12 8	18 26	18 14	22 54			n.a.
T 29	20 25	14 14	1n 1	24 59	1 49	20 23	2 31	13 58	4 6	22 40	0 7	23 57	0 9	9 54	0 49	22 17	0 49	0 8	12 8	18 26	18 15	22 56			n.a.
F 30	20 12	8 33	2 12	24 53	1 52	20 34	2 27	14 3	4 7	22 42	0 7	23 57	0 9	9 54	0 49	22 17	0 49	0 8	12 8	18 26	18 16	22 58			n.a.
S 31	19s59	2s40	3n13	24s44	1s55	20s45	2n23	14n 8	4n 8	22s44	0n 7	23n57	0n10	9n55	0n49	22s18	0n49	0n 8	12n 9	18s26	18s17	22n59			n.a.

Julian Day Number = 1367130.5, Delta T = 06h53m52s
Ecliptic obliquity = 23°48'45, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°28'02, Lahiri = -17°21'02 Julian Calendar 1 Jan. 970 BCE == Greg. Calendar 23 Dec. 971 BCE

The year -969 astronomical counting style corresponds to year 970 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 970 BCE
geocentric

FEBRUARY 970 BCE (-969) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 5 6	3♒12'21	28♓39	17♉44	17♐38	3°R34	14♐10	27°R13	6°R45	16♐27	28♎48	8♒28	8♒59	20♉34	n.a.	S 1
M 2	8 9 3	4°12'12	11♈ 3	19°24	18°44	3♍22	14°21	27♊ 9	6♍43	16°29	28°49	8°28	8°56	20°41	n.a.	M 2
T 3	8 12 59	5°12'01	23°12	21° 6	19°50	3°10	14°33	27° 6	6°41	16°31	28°49	8°29	8°53	20°47	n.a.	T 3
W 4	8 16 56	6°11'48	5♉11	22°48	20°56	2°57	14°44	27° 3	6°39	16°32	28°49	8°R29	8°49	20°54	n.a.	W 4
T 5	8 20 52	7°11'32	17° 4	24°32	22° 2	2°43	14°55	27° 0	6°37	16°34	28°49	8°29	8°46	21° 1	n.a.	T 5
F 6	8 24 49	8°11'14	28°57	26°17	23° 9	2°28	15° 6	26°57	6°34	16°35	28°49	8°D29	8°43	21° 8	n.a.	F 6
S 7	8 28 46	9°10'53	10♊53	28° 3	24°16	2°13	15°17	26°54	6°32	16°37	28°49	8°29	8°40	21°14	n.a.	S 7
S 8	8 32 42	10°10'30	22°57	29°51	25°22	1°58	15°28	26°51	6°30	16°38	28°49	8°29	8°37	21°21	n.a.	S 8
M 9	8 36 39	11°10'05	5♋12	1♒39	26°29	1°41	15°38	26°48	6°28	16°40	28°R49	8°29	8°33	21°28	n.a.	M 9
T 10	8 40 35	12° 9'38	17°41	3°29	27°37	1°24	15°49	26°45	6°26	16°41	28°49	8°29	8°30	21°34	n.a.	T 10
W11	8 44 32	13° 9'08	0♌26	5°20	28°44	1° 6	16° 0	26°42	6°23	16°43	28°49	8°30	8°27	21°41	n.a.	W11
T 12	8 48 28	14° 8'36	13°28	7°12	29°51	0°48	16°10	26°40	6°21	16°44	28°49	8°R30	8°24	21°48	n.a.	T 12
F 13	8 52 25	15° 8'01	26°45	9° 6	0♉59	0°29	16°20	26°38	6°19	16°46	28°49	8°29	8°21	21°55	n.a.	F 13
S 14	8 56 21	16° 7'25	10♍18	11° 1	2° 7	0°10	16°31	26°35	6°16	16°47	28°49	8°29	8°18	22° 1	n.a.	S 14
S 15	9 0 18	17° 6'46	24° 5	12°57	3°14	29♌50	16°41	26°33	6°14	16°49	28°49	8°28	8°14	22° 8	n.a.	S 15
M16	9 4 14	18° 6'06	8♎ 1	14°54	4°22	29°29	16°51	26°31	6°12	16°50	28°49	8°27	8°11	22°15	n.a.	M16
T 17	9 8 11	19° 5'23	22° 6	16°52	5°30	29° 8	17° 1	26°29	6° 9	16°51	28°48	8°26	8° 8	22°22	n.a.	T 17
W18	9 12 8	20° 4'39	6♏16	18°51	6°38	28°47	17°10	26°27	6° 7	16°52	28°48	8°25	8° 5	22°28	n.a.	W18
T 19	9 16 4	21° 3'52	20°29	20°52	7°47	28°26	17°20	26°25	6° 4	16°54	28°48	8°D24	8° 2	22°35	n.a.	T 19
F 20	9 20 1	22° 3'04	4♐41	22°53	8°55	28° 4	17°30	26°23	6° 2	16°55	28°47	8°25	7°59	22°42	n.a.	F 20
S 21	9 23 57	23° 2'14	18°51	24°55	10° 4	27°41	17°39	26°22	5°59	16°56	28°47	8°26	7°55	22°48	n.a.	S 21
S 22	9 27 54	24° 1'23	2♉57	26°57	11°12	27°19	17°49	26°20	5°57	16°57	28°47	8°27	7°52	22°55	n.a.	S 22
M23	9 31 50	25° 0'29	16°57	29° 1	12°21	26°56	17°58	26°19	5°54	16°58	28°46	8°28	7°49	23° 2	n.a.	M23
T 24	9 35 47	25°59'33	0♒47	1♓ 4	13°30	26°33	18° 7	26°17	5°52	17° 0	28°46	8°29	7°46	23° 9	n.a.	T 24
W25	9 39 43	26°58'35	14°25	3° 7	14°39	26°10	18°16	26°16	5°49	17° 1	28°45	8°R29	7°43	23°15	n.a.	W25
T 26	9 43 40	27°57'35	27°50	5°11	15°48	25°47	18°25	26°15	5°47	17° 2	28°45	8°28	7°39	23°22	n.a.	T 26
F 27	9 47 37	28°56'33	11♓ 0	7°14	16°57	25°24	18°33	26°14	5°44	17° 3	28°44	8°26	7°36	23°29	n.a.	F 27
S 28	9 51 33	29♒55'28	23♓53	9♓16	18♉ 6	25♌ 1	18♐42	26♊13	5♍42	17♐ 4	28♎44	8♒23	7♒33	23♉35	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
S 1	19s45	3n10	4n 4	24s34	1s58	20s56	2n18	14n13	4n10	22s45	0n 6	23n57	0n10	9n56	0n49	22s18	0n49	0n 8	12n 9	18s26	18s17	23n 1			n.a.	S 1
M 2	19 30	8 44	4 42	24 22	2 0	21 6	2 14	14 19	4 11	22 46	0 6	23 57	0 10	9 57	0 49	22 18	0 49	0 8	12 9	18 26	18 18	23 3			n.a.	M 2
T 3	19 16	13 52	5 6	24 8	2 2	21 16	2 10	14 24	4 12	22 48	0 6	23 57	0 10	9 57	0 49	22 18	0 49	0 9	12 10	18 26	18 19	23 4			n.a.	T 3
W 4	19 1	18 24	5 16	23 53	2 3	21 25	2 5	14 30	4 13	22 49	0 6	23 57	0 10	9 58	0 49	22 18	0 49	0 9	12 10	18 26	18 20	23 6			n.a.	W 4
T 5	18 46	22 11	5 13	23 35	2 4	21 33	2 1	14 36	4 14	22 51	0 6	23 57	0 10	9 59	0 49	22 18	0 49	0 9	12 10	18 26	18 21	23 8			n.a.	T 5
F 6	18 30	25 4	4 57	23 16	2 5	21 41	1 57	14 42	4 15	22 52	0 6	23 57	0 10	10 0	0 49	22 19	0 49	0 9	12 11	18 26	18 22	23 9			n.a.	F 6
S 7	18 14	26 51	4 28	22 55	2 5	21 49	1 52	14 49	4 16	22 53	0 6	23 57	0 10	10 1	0 49	22 19	0 49	0 10	12 11	18 26	18 23	23 11			n.a.	S 7
S 8	17 58	27 23	3 47	22 32	2 5	21 56	1 48	14 55	4 17	22 55	0 6	23 57	0 10	10 2	0 49	22 19	0 49	0 10	12 11	18 25	18 23	23 13			n.a.	S 8
M 9	17 42	26 37	2 54	22 7	2 4	22 2	1 44	15 2	4 17	22 56	0 6	23 57	0 10	10 2	0 49	22 19	0 49	0 10	12 12	18 25	18 24	23 14			n.a.	M 9
T 10	17 25	24 29	1 53	21 40	2 2	22 8	1 39	15 9	4 18	22 57	0 5	23 57	0 10	10 3	0 49	22 19	0 49	0 11	12 12	18 25	18 25	23 16			n.a.	T 10
W11	17 8	21 6	0 45	21 11	2 1	22 14	1 35	15 16	4 19	22 58	0 5	23 57	0 11	10 4	0 49	22 19	0 49	0 11	12 12	18 25	18 26	23 18			n.a.	W11
T 12	16 50	16 36	0s27	20 40	1 58	22 18	1 30	15 23	4 19	23 0	0 5	23 57	0 11	10 5	0 49	22 19	0 49	0 11	12 13	18 25	18 27	23 19			n.a.	T 12
F 13	16 33	11 14	1 39	20 7	1 55	22 23	1 26	15 30	4 20	23 1	0 5	23 57	0 11	10 6	0 49	22 20	0 49	0 12	12 13	18 25	18 28	23 21			n.a.	F 13
S 14	16 15	5 15	2 47	19 32	1 52	22 26	1 22	15 38	4 20	23 2	0 5	23 57	0 11	10 7	0 49	22 20	0 49	0 12	12 13	18 26	18 28	23 23			n.a.	S 14
S 15	15 57	1s 4	3 46	18 55	1 48	22 29	1 17	15 45	4 20	23 3	0 5	23 57	0 11	10 8	0 49	22 20	0 49	0 12	12 14	18 26	18 29	23 24			n.a.	S 15
M16	15 39	7 24	4 33	18 16	1 43	22 32	1 13	15 53	4 20	23 4	0 5	23 57	0 11	10 9	0 49	22 20	0 49	0 13	12 14	18 26	18 30	23 26			n.a.	M16
T 17	15 20	13 25	5 4	17 35	1 38	22 33	1 8	16 0	4 20	23 5	0 5	23 57	0 11	10 10	0 49	22 20	0 49	0 13	12 14	18 26	18 31	23 27			n.a.	T 17
W18	15 1	18 46	5 16	16 52	1 32	22 35	1 4	16 8	4 20	23 6	0 5	23 57	0 11	10 10	0 49	22 20	0 49	0 13	12 14	18 27	18 32	23 29			n.a.	W18
T 19	14 42	23 6	5 9	16 7	1 26	22 35	1 0	16 15	4 20	23 7	0 5	23 57	0 11	10 11	0 50	22 20	0 49	0 14	12 15	18 27	18 33	23 31			n.a.	T 19
F 20	14 23	26 3	4 44	15 21	1 19	22 35	0 55	16 23	4 20	23 8	0 4	23 57	0 11	10 12	0 50	22 20	0 49	0 14	12 15	18 27	18 33	23 32			n.a.	F 20
S 21	14 3	27 20	4 1	14 32	1 12	22 34	0 51	16 30	4 19	23 9	0 4	23 57	0 11	10 13	0 50	22 20	0 49	0 15	12 15	18 26	18 34	23 34			n.a.	S 21
S 22	13 43	26 50	3 4	13 43	1 4	22 33	0 47	16 38	4 19	23 10	0 4	23 57	0 12	10 14	0 50	22 21	0 49	0 15	12 16	18 26	18 35	23 35			n.a.	S 22
M23	13 23	24 38	1 56	12 51	0 55	22 31	0 43	16 45	4 18	23 11	0 4	23 57	0 12	10 15	0 50	22 21	0 49	0 15	12 16	18 26	18 36	23 37			n.a.	M23
T 24	13 3	20 59	0 42	11 59	0 46	22 29	0 39	16 53	4 17	23 12	0 4	23 57	0 12	10 16	0 50	22 21	0 49	0 16	12 16	18 26	18 37	23 38			n.a.	T 24
W25	12 43	16 14	0n33	11 5	0 36	22 25	0 34	17 0	4 17	23 13	0 4	23 57	0 12	10 17	0 50	22 21	0 49	0 16	12 17	18 26	18 38	23 40			n.a.	W25
T 26	12 22	10 47	1 45	10 10	0 26	22 22	0 30	17 7	4 16	23 14	0 4	23 57	0 12	10 18	0 50	22 21	0 49	0 17	12 17	18 26	18 38	23 41			n.a.	T 26
F 27	12 1	4 57	2 50	9 14	0 15	22 17	0 26	17 14	4 15	23 15	0 4	23 57	0 12	10 19	0 50	22 21	0 49	0 17	12 17	18 26	18 39	23 43			n.a.	F 27
S 28	11s40	0n58	3n44	8s17	0s 5	22s12	0n22	17n21	4n13	23s16	0n 4	23n57	0n12	10n20	0n50	22s21	0n49	0n18	12n17	18s27	18s40	23n44			n.a.	S 28

Julian Day Number = 1367161.5, Delta T = 06h53m51s
Ecliptic obliquity = 23°48'45, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°27'58, Lahiri = -17°20'58 Julian Calendar 1 Feb. 970 BCE == Greg. Calendar 23 Jan. 970 BCE

The year -969 astronomical counting style corresponds to year 970 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 970 BCE
geocentric

MARCH 970 BCE (-969) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 55 30	0♓54'22	6♈30	11♓16	19♉15	24°R38	18♐51	26°R12	5°R39	17♐ 5	28°R43	8°R19	7♒30	23♉42	n.a.	S 1
M 2	9 59 26	1°53'13	18°52	13°16	20°24	24♌15	18°59	26♊12	5♍37	17° 5	28♎42	8♒16	7°27	23°49	n.a.	M 2
T 3	10 3 23	2°52'01	1♉ 2	15°13	21°34	23°53	19° 7	26°11	5°34	17° 6	28°42	8°12	7°24	23°56	n.a.	T 3
W 4	10 7 19	3°50'48	13° 2	17° 9	22°43	23°30	19°15	26°11	5°31	17° 7	28°41	8° 9	7°20	24° 2	n.a.	W 4
T 5	10 11 16	4°49'32	24°55	19° 2	23°53	23° 8	19°23	26°10	5°29	17° 8	28°40	8° 8	7°17	24° 9	n.a.	T 5
F 6	10 15 12	5°48'13	6♊48	20°52	25° 2	22°46	19°31	26°10	5°26	17° 9	28°39	8°D 7	7°14	24°16	n.a.	F 6
S 7	10 19 9	6°46'53	18°44	22°38	26°12	22°25	19°39	26°10	5°24	17°10	28°38	8° 8	7°11	24°22	n.a.	S 7
S 8	10 23 5	7°45'30	0♋47	24°21	27°21	22° 4	19°46	26°D10	5°21	17°10	28°38	8° 9	7° 8	24°29	n.a.	S 8
M 9	10 27 2	8°44'04	13° 4	26° 0	28°31	21°43	19°53	26°10	5°18	17°11	28°37	8°11	7° 5	24°36	n.a.	M 9
T 10	10 30 59	9°42'37	25°38	27°36	29°41	21°23	20° 1	26°10	5°16	17°12	28°36	8°13	7° 1	24°43	n.a.	T 10
W11	10 34 55	10°41'07	8♌32	29° 6	0♒51	21° 3	20° 8	26°11	5°13	17°12	28°35	8°R13	6°58	24°49	n.a.	W11
T 12	10 38 52	11°39'35	21°48	0♈32	2° 1	20°44	20°15	26°11	5°11	17°13	28°34	8°12	6°55	24°56	n.a.	T 12
F 13	10 42 48	12°38'00	5♍25	1°54	3°11	20°25	20°21	26°11	5° 8	17°13	28°33	8°10	6°52	25° 3	n.a.	F 13
S 14	10 46 45	13°36'24	19°23	3°11	4°21	20° 7	20°28	26°12	5° 6	17°14	28°32	8° 6	6°49	25° 9	n.a.	S 14
S 15	10 50 41	14°34'46	3♎38	4°22	5°31	19°49	20°35	26°13	5° 3	17°15	28°31	8° 1	6°45	25°16	n.a.	S 15
M16	10 54 38	15°33'05	18° 3	5°28	6°41	19°33	20°41	26°14	5° 1	17°15	28°30	7°55	6°42	25°23	n.a.	M16
T 17	10 58 34	16°31'23	2♏34	6°30	7°51	19°16	20°47	26°15	4°58	17°15	28°29	7°50	6°39	25°30	n.a.	T 17
W18	11 2 31	17°29'40	17° 4	7°25	9° 2	19° 1	20°53	26°16	4°56	17°16	28°28	7°45	6°36	25°36	n.a.	W18
T 19	11 6 27	18°27'55	1♐28	8°16	10°12	18°46	20°59	26°17	4°53	17°16	28°27	7°42	6°33	25°43	n.a.	T 19
F 20	11 10 24	19°26'08	15°42	9° 1	11°22	18°32	21° 5	26°18	4°51	17°17	28°25	7°D41	6°30	25°50	n.a.	F 20
S 21	11 14 21	20°24'19	29°45	9°40	12°33	18°18	21°10	26°19	4°48	17°17	28°24	7°41	6°26	25°56	n.a.	S 21
S 22	11 18 17	21°22'29	13♑35	10°14	13°43	18° 6	21°16	26°21	4°46	17°17	28°23	7°43	6°23	26° 3	n.a.	S 22
M23	11 22 14	22°20'38	27°12	10°42	14°54	17°54	21°21	26°22	4°43	17°17	28°22	7°44	6°20	26°10	n.a.	M23
T 24	11 26 10	23°18'45	10♒37	11° 4	16° 5	17°43	21°26	26°24	4°41	17°18	28°21	7°R44	6°17	26°17	n.a.	T 24
W25	11 30 7	24°16'50	23°51	11°21	17°15	17°32	21°31	26°26	4°38	17°18	28°19	7°43	6°14	26°23	n.a.	W25
T 26	11 34 3	25°14'53	6♓53	11°33	18°26	17°23	21°36	26°28	4°36	17°18	28°18	7°39	6°11	26°30	n.a.	T 26
F 27	11 38 0	26°12'55	19°42	11°39	19°37	17°14	21°40	26°30	4°34	17°18	28°17	7°34	6° 7	26°37	n.a.	F 27
S 28	11 41 56	27°10'55	2♈21	11°R39	20°47	17° 6	21°45	26°32	4°31	17°18	28°16	7°26	6° 4	26°43	n.a.	S 28
S 29	11 45 53	28° 8'53	14°47	11°35	21°58	16°59	21°49	26°34	4°29	17°18	28°14	7°17	6° 1	26°50	n.a.	S 29
M30	11 49 50	29° 6'50	27° 2	11°25	23° 9	16°53	21°53	26°36	4°27	17°R18	28°13	7° 8	5°58	26°57	n.a.	M30
T 31	11 53 46	0♈ 4'44	9♉ 8	11♈11	24♒20	16♌47	21♐57	26♊39	4♍25	17♐18	28♎11	6♒58	5♒55	27♉ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11s19	6n42	4n27	7s21	0n 7	22s 6	0n18	17n28	4n12	23s17	0n 3	23n58	0n12	10n21	0n50	22s21	0n49	0n18	12n18	18s28	18s41	23n46			n.a.
M 2	10 58	12 3	4 56	6 24	0 18	22 0	0 14	17 34	4 11	23 18	0 3	23 58	0 12	10 22	0 50	22 21	0 49	0 19	12 18	18 29	18 42	23 47			n.a.
T 3	10 37	16 51	5 11	5 27	0 30	21 53	0 10	17 41	4 9	23 18	0 3	23 58	0 12	10 23	0 50	22 21	0 49	0 19	12 18	18 30	18 43	23 49			n.a.
W 4	10 15	20 56	5 13	4 31	0 42	21 46	0 6	17 47	4 8	23 19	0 3	23 58	0 12	10 24	0 50	22 21	0 50	0 20	12 19	18 31	18 43	23 50			n.a.
T 5	9 53	24 8	5 0	3 35	0 54	21 37	0 3	17 53	4 6	23 20	0 3	23 58	0 12	10 25	0 50	22 21	0 50	0 20	12 19	18 31	18 44	23 52			n.a.
F 6	9 31	26 18	4 35	2 41	1 5	21 29	0s 1	17 58	4 4	23 21	0 3	23 58	0 13	10 26	0 50	22 22	0 50	0 21	12 19	18 31	18 45	23 53			n.a.
S 7	9 10	27 17	3 58	1 47	1 17	21 19	0 5	18 4	4 2	23 21	0 3	23 58	0 13	10 27	0 50	22 22	0 50	0 21	12 19	18 31	18 46	23 55			n.a.
S 8	8 47	26 59	3 11	0 56	1 29	21 9	0 9	18 9	4 0	23 22	0 3	23 58	0 13	10 28	0 50	22 22	0 50	0 22	12 20	18 31	18 47	23 56			n.a.
M 9	8 25	25 22	2 13	0 5	1 40	20 59	0 12	18 14	3 58	23 23	0 2	23 58	0 13	10 29	0 50	22 22	0 50	0 22	12 20	18 30	18 47	23 58			n.a.
T 10	8 3	22 28	1 8	0n43	1 50	20 48	0 16	18 19	3 56	23 23	0 2	23 58	0 13	10 30	0 50	22 22	0 50	0 23	12 20	18 30	18 48	23 59			n.a.
W11	7 40	18 23	0s 2	1 29	2 1	20 36	0 19	18 23	3 54	23 24	0 2	23 58	0 13	10 31	0 50	22 22	0 50	0 23	12 20	18 30	18 49	24 1			n.a.
T 12	7 18	13 18	1 13	2 13	2 11	20 23	0 23	18 28	3 52	23 25	0 2	23 58	0 13	10 31	0 50	22 22	0 50	0 24	12 20	18 30	18 50	24 2			n.a.
F 13	6 55	7 27	2 23	2 54	2 20	20 10	0 26	18 31	3 49	23 25	0 2	23 58	0 13	10 32	0 50	22 22	0 50	0 24	12 21	18 30	18 51	24 4			n.a.
S 14	6 33	1 7	3 25	3 33	2 28	19 57	0 30	18 35	3 47	23 26	0 2	23 59	0 13	10 33	0 50	22 22	0 50	0 25	12 21	18 31	18 52	24 5			n.a.
S 15	6 10	5s22	4 16	4 9	2 36	19 43	0 33	18 39	3 45	23 27	0 2	23 59	0 13	10 34	0 50	22 22	0 50	0 25	12 21	18 33	18 52	24 6			n.a.
M16	5 47	11 40	4 52	4 42	2 43	19 28	0 36	18 42	3 42	23 27	0 2	23 59	0 13	10 35	0 50	22 22	0 50	0 26	12 21	18 34	18 53	24 8			n.a.
T 17	5 24	17 22	5 9	5 12	2 49	19 13	0 39	18 44	3 40	23 28	0 1	23 59	0 13	10 36	0 50	22 22	0 50	0 27	12 22	18 36	18 54	24 9			n.a.
W18	5 1	22 4	5 6	5 39	2 55	18 57	0 42	18 47	3 37	23 28	0 1	23 59	0 13	10 37	0 50	22 22	0 50	0 27	12 22	18 37	18 55	24 11			n.a.
T 19	4 38	25 24	4 44	6 4	2 59	18 41	0 45	18 49	3 34	23 29	0 1	23 59	0 14	10 38	0 50	22 22	0 50	0 28	12 22	18 38	18 56	24 12			n.a.
F 20	4 15	27 5	4 5	6 25	3 3	18 24	0 48	18 51	3 32	23 29	0 1	23 59	0 14	10 39	0 49	22 22	0 50	0 28	12 22	18 38	18 56	24 13			n.a.
S 21	3 52	27 0	3 11	6 43	3 5	18 7	0 51	18 53	3 29	23 30	0 1	23 59	0 14	10 40	0 49	22 22	0 50	0 29	12 22	18 38	18 57	24 15			n.a.
S 22	3 28	25 13	2 7	6 57	3 6	17 49	0 54	18 54	3 26	23 30	0 1	23 59	0 14	10 41	0 49	22 22	0 50	0 29	12 22	18 38	18 58	24 16			n.a.
M23	3 5	21 58	0 57	7 9	3 6	17 31	0 57	18 55	3 23	23 31	0 1	24 0	0 14	10 42	0 49	22 22	0 50	0 30	12 23	18 37	18 59	24 18			n.a.
T 24	2 42	17 36	0n16	7 17	3 5	17 12	0 59	18 56	3 20	23 31	0 1	24 0	0 14	10 42	0 49	22 22	0 50	0 31	12 23	18 37	19 0	24 19			n.a.
W25	2 18	12 26	1 26	7 21	3 3	16 53	1 2	18 57	3 18	23 32	0 0	24 0	0 14	10 43	0 49	22 22	0 50	0 31	12 23	18 38	19 0	24 20			n.a.
T 26	1 55	6 48	2 30	7 23	2 59	16 33	1 4	18 57	3 15	23 32	0 0	24 0	0 14	10 44	0 49	22 22	0 50	0 32	12 23	18 38	19 1	24 22			n.a.
F 27	1 32	0 59	3 26	7 21	2 55	16 13	1 7	18 57	3 12	23 33	0 0	24 0	0 14	10 45	0 49	22 22	0 50	0 32	12 23	18 40	19 2	24 23			n.a.
S 28	1 8	4n46	4 11	7 15	2 49	15 53	1 9	18 57	3 9	23 33	0 0	24 0	0 14	10 46	0 49	22 22	0 50	0 33	12 23	18 42	19 3	24 24			n.a.
S 29	0 45	10 15	4 43	7 7	2 41	15 32	1 11	18 56	3 6	23 33	0s 0	24 0	0 14	10 47	0 49	22 22	0 50	0 34	12 24	18 44	19 4	24 26			n.a.
M30	0 21	15 14	5 1	6 55	2 33	15 10	1 14	18 55	3 3	23 34	0 0	24 0	0 14	10 48	0 49	22 22	0 50	0 34	12 24	18 47	19 4	24 27			n.a.
T 31	0n 2	19n34	5n 5	6n41	2n23	14s48	1s16	18n54	3n 0	23s34	0s 0	24n 1	0n14	10n48	0n49	22s22	0n50	0n35	12n24	18s49	19s 5	24n28			n.a.

Julian Day Number = 1367189.5, Delta T = 06h53m49s
Ecliptic obliquity = 23°48'46, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°27'54, Lahiri = -17°20'54 Julian Calendar 1 March 970 BCE == Greg. Calendar 20 Feb. 970 BCE

The year -969 astronomical counting style corresponds to year 970 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 970 BCE
geocentric

APRIL 970 BCE (-969) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 57 43	1♈ 2'37	21♉ 5	10°R52	25♒31	16°R42	22♐ 0	26♊41	4°R22	17°R18	28°R10	6°R50	5♒51	27♉10	n.a.	W 1
T 2	12 1 39	2° 0'28	2♊57	10♈30	26°42	16♌38	22° 4	26°44	4♍20	17♐18	28♎ 9	6♒44	5°48	27°17	n.a.	T 2
F 3	12 5 36	2°58'17	14°48	10° 3	27°53	16°35	22° 7	26°47	4°18	17°18	28° 7	6°40	5°45	27°24	n.a.	F 3
S 4	12 9 32	3°56'05	26°42	9°34	29° 4	16°33	22°10	26°49	4°16	17°18	28° 6	6°38	5°42	27°30	n.a.	S 4
S 5	12 13 29	4°53'50	8♋44	9° 2	0♓15	16°32	22°13	26°52	4°14	17°18	28° 4	6°D38	5°39	27°37	n.a.	S 5
M 6	12 17 25	5°51'34	20°59	8°29	1°26	16°D31	22°16	26°55	4°12	17°17	28° 3	6°39	5°36	27°44	n.a.	M 6
T 7	12 21 22	6°49'16	3♌32	7°53	2°37	16°31	22°19	26°58	4°10	17°17	28° 1	6°R39	5°32	27°51	n.a.	T 7
W 8	12 25 19	7°46'56	16°28	7°18	3°48	16°32	22°21	27° 2	4° 8	17°17	28° 0	6°39	5°29	27°57	n.a.	W 8
T 9	12 29 15	8°44'34	29°49	6°42	5° 0	16°34	22°23	27° 5	4° 6	17°16	27°58	6°37	5°26	28° 4	n.a.	T 9
F 10	12 33 12	9°42'11	13♍38	6° 6	6°11	16°36	22°25	27° 8	4° 4	17°16	27°57	6°32	5°23	28°11	n.a.	F 10
S 11	12 37 8	10°39'46	27°52	5°32	7°22	16°39	22°27	27°12	4° 2	17°16	27°55	6°25	5°20	28°17	n.a.	S 11
S 12	12 41 5	11°37'20	12♎28	5° 0	8°33	16°43	22°29	27°15	4° 0	17°15	27°54	6°16	5°16	28°24	n.a.	S 12
M13	12 45 1	12°34'52	27°19	4°29	9°45	16°48	22°31	27°19	3°58	17°15	27°52	6° 7	5°13	28°31	n.a.	M13
T 14	12 48 58	13°32'23	12♏15	4° 2	10°56	16°53	22°32	27°22	3°56	17°14	27°51	5°57	5°10	28°38	n.a.	T 14
W15	12 52 54	14°29'53	27° 9	3°37	12° 7	16°59	22°33	27°26	3°54	17°14	27°49	5°49	5° 7	28°44	n.a.	W15
T 16	12 56 51	15°27'22	11♐51	3°16	13°19	17° 6	22°34	27°30	3°53	17°13	27°48	5°43	5° 4	28°51	n.a.	T 16
F 17	13 0 48	16°24'51	26°17	2°59	14°30	17°13	22°35	27°34	3°51	17°13	27°46	5°39	5° 1	28°58	n.a.	F 17
S 18	13 4 44	17°22'18	10♑24	2°46	15°42	17°21	22°35	27°38	3°49	17°12	27°44	5°38	4°57	29° 4	n.a.	S 18
S 19	13 8 41	18°19'44	24°10	2°37	16°53	17°30	22°36	27°42	3°48	17°12	27°43	5°D38	4°54	29°11	n.a.	S 19
M20	13 12 37	19°17'09	7♒37	2°D33	18° 5	17°39	22°R36	27°47	3°46	17°11	27°41	5°R38	4°51	29°18	n.a.	M20
T 21	13 16 34	20°14'34	20°47	2°33	19°17	17°49	22°36	27°51	3°45	17°10	27°40	5°37	4°48	29°25	n.a.	T 21
W22	13 20 30	21°11'57	3♓43	2°38	20°28	18° 0	22°36	27°55	3°43	17°10	27°38	5°34	4°45	29°31	n.a.	W22
T 23	13 24 27	22° 9'20	16°26	2°47	21°40	18°11	22°35	28° 0	3°42	17° 9	27°36	5°29	4°42	29°38	n.a.	T 23
F 24	13 28 23	23° 6'42	28°58	3° 0	22°52	18°23	22°35	28° 4	3°40	17° 8	27°35	5°21	4°38	29°45	n.a.	F 24
S 25	13 32 20	24° 4'02	11♈20	3°18	24° 3	18°35	22°34	28° 9	3°39	17° 7	27°33	5°10	4°35	29°51	n.a.	S 25
S 26	13 36 17	25° 1'22	23°34	3°41	25°15	18°48	22°33	28°14	3°38	17° 7	27°31	4°57	4°32	29°58	n.a.	S 26
M27	13 40 13	25°58'41	5♉39	4° 7	26°27	19° 2	22°32	28°18	3°36	17° 6	27°30	4°44	4°29	0♊ 5	n.a.	M27
T 28	13 44 10	26°55'59	17°38	4°38	27°39	19°16	22°30	28°23	3°35	17° 5	27°28	4°30	4°26	0°12	n.a.	T 28
W29	13 48 6	27°53'17	29°32	5°14	28°51	19°31	22°29	28°28	3°34	17° 4	27°27	4°19	4°22	0°18	n.a.	W29
T 30	13 52 3	28♈50'33	11♊22	5♈53	0♈ 2	19♌46	22♐27	28♊33	3♍33	17♐ 3	27♎25	4♒ 9	4♒19	0♊25	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n25	23n 4	4n56	6n23	2n12	14s26	1s18	18n53	2n57	23s35	0s 1	24n 1	0n14	10n49	0n49	22s22	0n50	0n35	12n24	18s51	19s 6	24n29		n.a.
T 2	0 49	25 34	4 35	6 3	2 0	14 3	1 20	18 51	2 54	23 35	0 1	24 1	0 15	10 50	0 49	22 22	0 50	0 36	12 24	18 53	19 7	24 31		n.a.
F 3	1 12	26 55	4 1	5 41	1 47	13 40	1 22	18 49	2 51	23 35	0 1	24 1	0 15	10 51	0 49	22 22	0 50	0 37	12 24	18 54	19 8	24 32		n.a.
S 4	1 35	27 3	3 17	5 16	1 33	13 17	1 23	18 47	2 48	23 36	0 1	24 1	0 15	10 52	0 49	22 22	0 50	0 37	12 24	18 54	19 8	24 33		n.a.
S 5	1 59	25 54	2 24	4 50	1 18	12 53	1 25	18 45	2 45	23 36	0 1	24 1	0 15	10 52	0 49	22 22	0 50	0 38	12 24	18 54	19 9	24 35		n.a.
M 6	2 22	23 31	1 23	4 22	1 2	12 29	1 27	18 43	2 43	23 36	0 1	24 1	0 15	10 53	0 49	22 22	0 50	0 38	12 24	18 54	19 10	24 36		n.a.
T 7	2 45	19 56	0 17	3 53	0 46	12 4	1 28	18 40	2 40	23 37	0 1	24 2	0 15	10 54	0 49	22 22	0 50	0 39	12 24	18 54	19 11	24 37		n.a.
W 8	3 8	15 19	0s52	3 23	0 29	11 40	1 30	18 37	2 37	23 37	0 2	24 2	0 15	10 55	0 49	22 22	0 50	0 39	12 25	18 54	19 12	24 38		n.a.
T 9	3 31	9 50	2 0	2 53	0 12	11 14	1 31	18 34	2 34	23 37	0 2	24 2	0 15	10 55	0 49	22 22	0 50	0 40	12 25	18 55	19 12	24 40		n.a.
F 10	3 54	3 43	3 4	2 23	0s 5	10 49	1 33	18 30	2 31	23 37	0 2	24 2	0 15	10 56	0 49	22 22	0 50	0 41	12 25	18 56	19 13	24 41		n.a.
S 11	4 17	2s46	3 57	1 54	0 22	10 23	1 34	18 26	2 28	23 38	0 2	24 2	0 15	10 57	0 49	22 22	0 50	0 41	12 25	18 58	19 14	24 42		n.a.
S 12	4 40	9 14	4 37	1 26	0 38	9 57	1 35	18 22	2 25	23 38	0 2	24 2	0 15	10 57	0 49	22 22	0 50	0 42	12 25	19 0	19 15	24 43		n.a.
M13	5 3	15 19	4 59	0 58	0 55	9 31	1 36	18 18	2 23	23 38	0 2	24 2	0 15	10 58	0 49	22 22	0 50	0 42	12 25	19 2	19 16	24 45		n.a.
T 14	5 25	20 31	5 1	0 33	1 11	9 4	1 37	18 14	2 20	23 38	0 2	24 3	0 15	10 59	0 49	22 21	0 50	0 43	12 25	19 5	19 16	24 46		n.a.
W15	5 48	24 24	4 42	0 9	1 26	8 38	1 38	18 10	2 17	23 39	0 3	24 3	0 15	10 59	0 49	22 21	0 50	0 44	12 25	19 7	19 17	24 47		n.a.
T 16	6 11	26 36	4 5	0s13	1 41	8 11	1 39	18 5	2 14	23 39	0 3	24 3	0 16	11 0	0 49	22 21	0 50	0 44	12 25	19 8	19 18	24 48		n.a.
F 17	6 33	26 58	3 13	0 32	1 54	7 43	1 40	18 0	2 12	23 39	0 3	24 3	0 16	11 0	0 49	22 21	0 50	0 45	12 25	19 9	19 19	24 49		n.a.
S 18	6 55	25 33	2 10	0 49	2 7	7 16	1 41	17 55	2 9	23 39	0 3	24 3	0 16	11 1	0 49	22 21	0 50	0 45	12 25	19 9	19 19	24 51		n.a.
S 19	7 18	22 36	1 0	1 4	2 19	6 48	1 41	17 50	2 6	23 39	0 3	24 3	0 16	11 2	0 49	22 21	0 50	0 46	12 25	19 9	19 20	24 52		n.a.
M20	7 40	18 29	0n11	1 16	2 30	6 20	1 42	17 44	2 4	23 39	0 3	24 3	0 16	11 2	0 49	22 21	0 50	0 46	12 25	19 9	19 21	24 53		n.a.
T 21	8 2	13 32	1 19	1 25	2 40	5 52	1 42	17 39	2 1	23 40	0 4	24 4	0 16	11 3	0 49	22 21	0 50	0 47	12 25	19 10	19 22	24 54		n.a.
W22	8 24	8 5	2 23	1 31	2 49	5 24	1 42	17 33	1 58	23 40	0 4	24 4	0 16	11 3	0 49	22 21	0 50	0 47	12 25	19 10	19 23	24 55		n.a.
T 23	8 45	2 24	3 18	1 35	2 57	4 55	1 43	17 27	1 56	23 40	0 4	24 4	0 16	11 4	0 49	22 21	0 50	0 48	12 25	19 12	19 23	24 56		n.a.
F 24	9 7	3n17	4 2	1 36	3 4	4 27	1 43	17 21	1 53	23 40	0 4	24 4	0 16	11 4	0 49	22 21	0 50	0 48	12 25	19 14	19 24	24 57		n.a.
S 25	9 29	8 45	4 35	1 34	3 10	3 58	1 43	17 14	1 51	23 40	0 4	24 4	0 16	11 5	0 49	22 21	0 50	0 49	12 25	19 16	19 25	24 59		n.a.
S 26	9 50	13 50	4 54	1 30	3 15	3 29	1 43	17 8	1 48	23 40	0 4	24 4	0 16	11 5	0 49	22 21	0 50	0 49	12 25	19 19	19 26	25 0		n.a.
M27	10 11	18 19	5 0	1 23	3 19	3 0	1 43	17 1	1 46	23 40	0 4	24 4	0 16	11 5	0 49	22 20	0 50	0 50	12 24	19 23	19 26	25 1		n.a.
T 28	10 32	22 1	4 52	1 13	3 23	2 31	1 43	16 54	1 43	23 40	0 5	24 5	0 16	11 6	0 48	22 20	0 50	0 50	12 24	19 26	19 27	25 2		n.a.
W29	10 53	24 47	4 32	1 1	3 25	2 2	1 43	16 47	1 41	23 41	0 5	24 5	0 16	11 6	0 48	22 20	0 50	0 51	12 24	19 29	19 28	25 3		n.a.
T 30	11n14	26n27	4n 0	0s46	3s26	1s33	1s43	16n40	1n38	23s41	0s 5	24n 5	0n16	11n 7	0n48	22s20	0n50	0n51	12n24	19s31	19s29	25n 4		n.a.

Julian Day Number = 1367220.5, Delta T = 06h53m48s
Ecliptic obliquity = 23°48'46, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°27'50, Lahiri = -17°20'50 Julian Calendar 1 Apr. 970 BCE == Greg. Calendar 23 March 970 BCE

The year -969 astronomical counting style corresponds to year 970 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 970 BCE
geocentric

MAY 970 BCE (-969) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 55 59	29♈47'48	23♊12	6♈36	1♈14	20♌ 2	22°R25	28♊38	3°R32	17°R 2	27°R23	4°R 2	4♒16	0♊32	n.a.	F 1
S 2	13 59 56	0♉45'02	5♋ 5	7°23	2°26	20°19	22♐23	28°44	3♍31	17♐ 1	27♎22	3♒58	4°13	0°38	n.a.	S 2
S 3	14 3 52	1°42'15	17° 5	8°13	3°38	20°36	22°21	28°49	3°30	17° 0	27°20	3°56	4°10	0°45	n.a.	S 3
M 4	14 7 49	2°39'27	29°18	9° 8	4°50	20°53	22°19	28°54	3°29	16°59	27°18	3°56	4° 7	0°52	n.a.	M 4
T 5	14 11 46	3°36'39	11♌48	10° 6	6° 2	21°11	22°16	28°59	3°28	16°58	27°17	3°56	4° 3	0°59	n.a.	T 5
W 6	14 15 42	4°33'49	24°41	11° 7	7°14	21°29	22°13	29° 5	3°27	16°57	27°15	3°55	4° 0	1° 5	n.a.	W 6
T 7	14 19 39	5°30'58	8♍ 0	12°12	8°26	21°48	22°10	29°10	3°27	16°56	27°14	3°52	3°57	1°12	n.a.	T 7
F 8	14 23 35	6°28'06	21°49	13°21	9°38	22° 8	22° 7	29°16	3°26	16°55	27°12	3°47	3°54	1°19	n.a.	F 8
S 9	14 27 32	7°25'14	6♎ 8	14°32	10°50	22°27	22° 4	29°22	3°25	16°54	27°10	3°40	3°51	1°25	n.a.	S 9
S 10	14 31 28	8°22'21	20°52	15°47	12° 3	22°48	22° 0	29°27	3°25	16°52	27° 9	3°30	3°47	1°32	n.a.	S 10
M11	14 35 25	9°19'27	5♏56	17° 6	13°15	23° 8	21°56	29°33	3°24	16°51	27° 7	3°20	3°44	1°39	n.a.	M11
T 12	14 39 21	10°16'33	21° 9	18°27	14°27	23°30	21°52	29°39	3°23	16°50	27° 6	3° 9	3°41	1°45	n.a.	T 12
W13	14 43 18	11°13'39	6♐21	19°52	15°39	23°51	21°48	29°45	3°23	16°49	27° 4	3° 0	3°38	1°52	n.a.	W13
T 14	14 47 15	12°10'44	21°22	21°20	16°51	24°13	21°44	29°51	3°23	16°48	27° 2	2°53	3°35	1°59	n.a.	T 14
F 15	14 51 11	13° 7'49	6♑ 3	22°51	18° 4	24°35	21°40	29°57	3°22	16°46	27° 1	2°49	3°32	2° 6	n.a.	F 15
S 16	14 55 8	14° 4'55	20°21	24°25	19°16	24°58	21°35	0♋ 3	3°22	16°45	26°59	2°47	3°28	2°12	n.a.	S 16
S 17	14 59 4	15° 2'00	4♒12	26° 2	20°28	25°21	21°31	0° 9	3°22	16°44	26°58	2°D46	3°25	2°19	n.a.	S 17
M18	15 3 1	15°59'05	17°40	27°42	21°41	25°45	21°26	0°15	3°21	16°42	26°56	2°R46	3°22	2°26	n.a.	M18
T 19	15 6 57	16°56'10	0♓45	29°25	22°53	26° 9	21°21	0°21	3°21	16°41	26°55	2°46	3°19	2°32	n.a.	T 19
W20	15 10 54	17°53'15	13°32	1♉11	24° 5	26°33	21°16	0°28	3°21	16°40	26°53	2°43	3°16	2°39	n.a.	W20
T 21	15 14 51	18°50'20	26° 4	2°59	25°18	26°58	21°10	0°34	3°21	16°38	26°52	2°38	3°13	2°46	n.a.	T 21
F 22	15 18 47	19°47'26	8♈24	4°51	26°30	27°23	21° 5	0°40	3°D21	16°37	26°50	2°31	3° 9	2°53	n.a.	F 22
S 23	15 22 44	20°44'31	20°34	6°45	27°43	27°48	20°59	0°47	3°21	16°36	26°49	2°21	3° 6	2°59	n.a.	S 23
S 24	15 26 40	21°41'37	2♉38	8°42	28°55	28°14	20°54	0°53	3°21	16°34	26°47	2° 9	3° 3	3° 6	n.a.	S 24
M25	15 30 37	22°38'42	14°35	10°41	0♉ 8	28°40	20°48	1° 0	3°21	16°33	26°46	1°56	3° 0	3°13	n.a.	M25
T 26	15 34 33	23°35'48	26°29	12°42	1°21	29° 6	20°42	1° 6	3°22	16°31	26°45	1°44	2°57	3°19	n.a.	T 26
W27	15 38 30	24°32'54	8♊19	14°45	2°33	29°33	20°36	1°13	3°22	16°30	26°43	1°33	2°53	3°26	n.a.	W27
T 28	15 42 26	25°30'00	20° 9	16°50	3°46	29°59	20°29	1°20	3°22	16°28	26°42	1°24	2°50	3°33	n.a.	T 28
F 29	15 46 23	26°27'05	2♋ 0	18°57	4°59	0♍27	20°23	1°26	3°22	16°27	26°40	1°18	2°47	3°39	n.a.	F 29
S 30	15 50 20	27°24'11	13°55	21° 4	6°11	0°55	20°17	1°33	3°23	16°25	26°39	1°14	2°44	3°46	n.a.	S 30
S 31	15 54 16	28♉21'17	25♋57	23♉13	7♉24	1♍23	20♐10	1♋40	3♍23	16♐24	26♎38	1°D13	2♒41	3♊53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	11n34	26n55	3n17	0s29	3s26	1s 4	1s42	16n33	1n36	23s41	0s 5	24n 5	0n17	11n 7	0n48	22s20	0n50	0n52	12n24	19s33	19s29	25n 5		n.a.	F 1
S 2	11 55	26 9	2 26	0 10	3 26	0 34	1 42	16 25	1 34	23 41	0 5	24 5	0 17	11 7	0 48	22 20	0 50	0 52	12 24	19 34	19 30	25 6		n.a.	S 2
S 3	12 15	24 9	1 28	0n11	3 24	0 5	1 42	16 17	1 31	23 41	0 5	24 5	0 17	11 8	0 48	22 20	0 50	0 53	12 24	19 34	19 31	25 7		n.a.	S 3
M 4	12 35	21 1	0 24	0 35	3 22	0n25	1 41	16 10	1 29	23 41	0 6	24 5	0 17	11 8	0 48	22 20	0 50	0 53	12 24	19 34	19 32	25 8		n.a.	M 4
T 5	12 55	16 51	0s42	1 1	3 19	0 54	1 40	16 2	1 27	23 41	0 6	24 5	0 17	11 8	0 48	22 20	0 50	0 54	12 24	19 34	19 33	25 10		n.a.	T 5
W 6	13 14	11 49	1 47	1 28	3 16	1 24	1 40	15 53	1 24	23 41	0 6	24 5	0 17	11 8	0 48	22 20	0 50	0 54	12 24	19 35	19 33	25 11		n.a.	W 6
T 7	13 34	6 5	2 50	1 58	3 11	1 53	1 39	15 45	1 22	23 41	0 6	24 6	0 17	11 9	0 48	22 19	0 50	0 55	12 23	19 35	19 34	25 12		n.a.	T 7
F 8	13 53	0s 8	3 44	2 29	3 6	2 23	1 38	15 37	1 20	23 41	0 6	24 6	0 17	11 9	0 48	22 19	0 50	0 55	12 23	19 36	19 35	25 13		n.a.	F 8
S 9	14 12	6 32	4 27	3 3	3 1	2 52	1 37	15 28	1 18	23 41	0 6	24 6	0 17	11 9	0 48	22 19	0 50	0 55	12 23	19 38	19 36	25 14		n.a.	S 9
S 10	14 31	12 47	4 53	3 38	2 54	3 21	1 36	15 19	1 16	23 41	0 7	24 6	0 17	11 9	0 48	22 19	0 50	0 56	12 23	19 40	19 36	25 15		n.a.	S 10
M11	14 49	18 24	5 0	4 15	2 48	3 51	1 35	15 10	1 14	23 41	0 7	24 6	0 17	11 10	0 48	22 19	0 50	0 56	12 23	19 43	19 37	25 16		n.a.	M11
T 12	15 8	22 55	4 46	4 53	2 40	4 20	1 34	15 1	1 11	23 41	0 7	24 6	0 17	11 10	0 48	22 19	0 50	0 57	12 23	19 45	19 38	25 17		n.a.	T 12
W13	15 26	25 50	4 12	5 33	2 32	4 49	1 33	14 52	1 9	23 40	0 7	24 6	0 17	11 10	0 48	22 19	0 50	0 57	12 22	19 48	19 39	25 18		n.a.	W13
T 14	15 44	26 51	3 20	6 14	2 23	5 19	1 32	14 43	1 7	23 40	0 7	24 6	0 17	11 10	0 48	22 19	0 50	0 57	12 22	19 49	19 39	25 19		n.a.	T 14
F 15	16 1	25 56	2 16	6 56	2 14	5 48	1 31	14 33	1 5	23 40	0 8	24 6	0 18	11 10	0 48	22 18	0 50	0 58	12 22	19 50	19 40	25 20		n.a.	F 15
S 16	16 19	23 19	1 5	7 40	2 5	6 17	1 29	14 23	1 3	23 40	0 8	24 6	0 18	11 10	0 48	22 18	0 50	0 58	12 22	19 51	19 41	25 21		n.a.	S 16
S 17	16 36	19 23	0n 8	8 25	1 55	6 46	1 28	14 14	1 1	23 40	0 8	24 6	0 18	11 10	0 48	22 18	0 50	0 58	12 22	19 51	19 42	25 22		n.a.	S 17
M18	16 53	14 32	1 18	9 11	1 45	7 14	1 27	14 4	0 59	23 40	0 8	24 6	0 18	11 10	0 48	22 18	0 50	0 59	12 21	19 51	19 42	25 23		n.a.	M18
T 19	17 9	9 10	2 22	9 58	1 34	7 43	1 25	13 54	0 57	23 40	0 8	24 7	0 18	11 10	0 48	22 18	0 50	0 59	12 21	19 51	19 43	25 24		n.a.	T 19
W20	17 26	3 32	3 18	10 46	1 23	8 12	1 24	13 43	0 55	23 40	0 8	24 7	0 18	11 10	0 48	22 18	0 50	0 59	12 21	19 51	19 44	25 25		n.a.	W20
T 21	17 42	2n 7	4 3	11 34	1 12	8 40	1 22	13 33	0 53	23 39	0 9	24 7	0 18	11 10	0 48	22 18	0 50	1 0	12 21	19 53	19 45	25 25		n.a.	T 21
F 22	17 58	7 35	4 35	12 23	1 1	9 8	1 20	13 23	0 52	23 39	0 9	24 7	0 18	11 10	0 47	22 17	0 50	1 0	12 20	19 54	19 45	25 26		n.a.	F 22
S 23	18 13	12 42	4 55	13 12	0 50	9 36	1 19	13 12	0 50	23 39	0 9	24 7	0 18	11 10	0 47	22 17	0 50	1 0	12 20	19 57	19 46	25 27		n.a.	S 23
S 24	18 28	17 16	5 1	14 1	0 38	10 4	1 17	13 1	0 48	23 39	0 9	24 7	0 18	11 10	0 47	22 17	0 50	1 1	12 20	19 59	19 47	25 28		n.a.	S 24
M25	18 43	21 8	4 54	14 50	0 27	10 31	1 15	12 50	0 46	23 38	0 9	24 7	0 18	11 10	0 47	22 17	0 50	1 1	12 20	20 2	19 48	25 29		n.a.	M25
T 26	18 58	24 6	4 34	15 39	0 15	10 59	1 13	12 39	0 44	23 38	0 9	24 7	0 18	11 10	0 47	22 17	0 50	1 1	12 19	20 5	19 48	25 30		n.a.	T 26
W27	19 12	26 1	4 2	16 27	0 4	11 26	1 11	12 28	0 42	23 38	0 10	24 7	0 18	11 10	0 47	22 17	0 50	1 1	12 19	20 7	19 49	25 31		n.a.	W27
T 28	19 26	26 46	3 20	17 14	0n 7	11 53	1 9	12 17	0 41	23 38	0 10	24 7	0 18	11 10	0 47	22 17	0 50	1 1	12 19	20 9	19 50	25 32		n.a.	T 28
F 29	19 40	26 17	2 29	18 0	0 18	12 19	1 7	12 5	0 39	23 37	0 10	24 7	0 18	11 9	0 47	22 16	0 50	1 2	12 18	20 11	19 51	25 33		n.a.	F 29
S 30	19 53	24 35	1 31	18 45	0 28	12 46	1 5	11 54	0 37	23 37	0 10	24 7	0 19	11 9	0 47	22 16	0 50	1 2	12 18	20 12	19 51	25 34		n.a.	S 30
S 31	20n 6	21n45	0n28	19n29	0n38	13n12	1s 3	11n42	0n35	23s37	0s10	24n 7	0n19	11n 9	0n47	22s16	0n50	1n 2	12n18	20s12	19s52	25n35		n.a.	S 31

Julian Day Number = 1367250.5, Delta T = 06h53m46s
Ecliptic obliquity = 23°48'45, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°27'46, Lahiri = -17°20'46 Julian Calendar 1 May 970 BCE == Greg. Calendar 22 Apr. 970 BCE

The year -969 astronomical counting style corresponds to year 970 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 970 BCE
geocentric

JUNE 970 BCE (-969) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 58 13	29♉18'23	8♌11	25♉22	8♉37	1♍51	20°R 3	1♋47	3♍24	16°R22	26°R36	1♒13	2♒38	4♊ 0	n.a.	M 1
T 2	16 2 9	0♊15'28	20°40	27°32	9°50	2°20	19♐56	1°54	3°24	16♐21	26♎35	1°13	2°34	4° 6	n.a.	T 2
W 3	16 6 6	1°12'34	3♍31	29°41	11° 3	2°49	19°50	2° 1	3°25	16°19	26°34	1°R13	2°31	4°13	n.a.	W 3
T 4	16 10 2	2° 9'40	16°46	1♊51	12°15	3°18	19°43	2° 8	3°26	16°18	26°33	1°12	2°28	4°20	n.a.	T 4
F 5	16 13 59	3° 6'46	0♎29	4° 0	13°28	3°47	19°35	2°14	3°26	16°16	26°31	1°10	2°25	4°26	n.a.	F 5
S 6	16 17 55	4° 3'51	14°41	6° 8	14°41	4°17	19°28	2°22	3°27	16°15	26°30	1° 5	2°22	4°33	n.a.	S 6
S 7	16 21 52	5° 0'58	29°20	8°15	15°54	4°47	19°21	2°29	3°28	16°13	26°29	0°58	2°19	4°40	n.a.	S 7
M 8	16 25 49	5°58'04	14♏21	10°22	17° 7	5°17	19°14	2°36	3°29	16°11	26°28	0°50	2°15	4°47	n.a.	M 8
T 9	16 29 45	6°55'11	29°36	12°27	18°20	5°47	19° 6	2°43	3°30	16°10	26°27	0°42	2°12	4°53	n.a.	T 9
W10	16 33 42	7°52'18	14♐54	14°30	19°33	6°18	18°59	2°50	3°31	16° 8	26°26	0°35	2° 9	5° 0	n.a.	W10
T 11	16 37 38	8°49'26	0♑ 4	16°33	20°46	6°49	18°52	2°57	3°32	16° 7	26°24	0°30	2° 6	5° 7	n.a.	T 11
F 12	16 41 35	9°46'35	14°56	18°33	21°59	7°20	18°44	3° 4	3°33	16° 5	26°23	0°27	2° 3	5°13	n.a.	F 12
S 13	16 45 31	10°43'44	29°25	20°33	23°12	7°52	18°36	3°12	3°34	16° 3	26°22	0°D26	1°59	5°20	n.a.	S 13
S 14	16 49 28	11°40'55	13♒26	22°30	24°26	8°23	18°29	3°19	3°35	16° 2	26°21	0°26	1°56	5°27	n.a.	S 14
M15	16 53 25	12°38'06	27° 0	24°26	25°39	8°55	18°21	3°26	3°37	16° 0	26°20	0°28	1°53	5°33	n.a.	M15
T 16	16 57 21	13°35'18	10♓ 9	26°20	26°52	9°27	18°13	3°34	3°38	15°59	26°19	0°R28	1°50	5°40	n.a.	T 16
W17	17 1 18	14°32'31	22°56	28°12	28° 5	10° 0	18° 6	3°41	3°39	15°57	26°18	0°28	1°47	5°47	n.a.	W17
T 18	17 5 14	15°29'45	5♈25	0♋ 3	29°19	10°32	17°58	3°48	3°41	15°55	26°18	0°26	1°44	5°54	n.a.	T 18
F 19	17 9 11	16°27'01	17°39	1°52	0♊32	11° 5	17°50	3°56	3°42	15°54	26°17	0°22	1°40	6° 0	n.a.	F 19
S 20	17 13 7	17°24'17	29°43	3°39	1°45	11°38	17°42	4° 3	3°44	15°52	26°16	0°17	1°37	6° 7	n.a.	S 20
S 21	17 17 4	18°21'35	11♉40	5°25	2°59	12°12	17°35	4°11	3°45	15°50	26°15	0°10	1°34	6°14	n.a.	S 21
M22	17 21 0	19°18'53	23°33	7° 9	4°12	12°45	17°27	4°18	3°47	15°49	26°14	0° 2	1°31	6°20	n.a.	M22
T 23	17 24 57	20°16'13	5♊23	8°51	5°25	13°19	17°19	4°26	3°48	15°47	26°13	29♑55	1°28	6°27	n.a.	T 23
W24	17 28 54	21°13'34	17°14	10°31	6°39	13°53	17°11	4°33	3°50	15°46	26°13	29°48	1°25	6°34	n.a.	W24
T 25	17 32 50	22°10'56	29° 6	12°10	7°53	14°27	17° 4	4°41	3°52	15°44	26°12	29°43	1°21	6°40	n.a.	T 25
F 26	17 36 47	23° 8'18	11♋ 2	13°47	9° 6	15° 1	16°56	4°48	3°54	15°42	26°11	29°39	1°18	6°47	n.a.	F 26
S 27	17 40 43	24° 5'42	23° 4	15°23	10°20	15°35	16°48	4°56	3°56	15°41	26°10	29°38	1°15	6°54	n.a.	S 27
S 28	17 44 40	25° 3'07	5♌15	16°56	11°33	16°10	16°41	5° 3	3°57	15°39	26°10	29°D38	1°12	7° 1	n.a.	S 28
M29	17 48 36	26° 0'33	17°36	18°28	12°47	16°45	16°33	5°11	3°59	15°38	26° 9	29°39	1° 9	7° 7	n.a.	M29
T 30	17 52 33	26♊57'59	0♍11	19♋58	14♊ 1	17♍20	16♐26	5♋19	4♍ 1	15♐36	26♎ 9	29♑40	1♒ 5	7♊14	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n19	17n54	0s37	20n10	0n47	13n38	1s 1	11n30	0n34	23s36	0s10	24n 7	0n19	11n 9	0n47	22s16	0n50	1n 2	12n18	20s12	19s53	25n35		n.a.
T 2	20 31	13 13	1 42	20 50	0 56	14 3	0 59	11 18	0 32	23 36	0 11	24 7	0 19	11 8	0 47	22 16	0 50	1 2	12 17	20 12	19 53	25 36		n.a.
W 3	20 43	7 50	2 44	21 27	1 5	14 28	0 57	11 6	0 30	23 36	0 11	24 7	0 19	11 8	0 47	22 16	0 50	1 3	12 17	20 12	19 54	25 37		n.a.
T 4	20 55	1 57	3 39	22 2	1 13	14 53	0 55	10 54	0 29	23 35	0 11	24 7	0 19	11 8	0 47	22 15	0 50	1 3	12 17	20 12	19 55	25 38		n.a.
F 5	21 6	4s12	4 23	22 35	1 20	15 17	0 53	10 42	0 27	23 35	0 11	24 7	0 19	11 8	0 47	22 15	0 50	1 3	12 16	20 13	19 56	25 39		n.a.
S 6	21 17	10 22	4 53	23 5	1 26	15 42	0 50	10 29	0 26	23 35	0 11	24 7	0 19	11 7	0 47	22 15	0 50	1 3	12 16	20 14	19 56	25 40		n.a.
S 7	21 28	16 9	5 5	23 32	1 32	16 5	0 48	10 17	0 24	23 34	0 12	24 6	0 19	11 7	0 47	22 15	0 50	1 3	12 16	20 15	19 57	25 40		n.a.
M 8	21 38	21 7	4 57	23 57	1 37	16 29	0 46	10 4	0 22	23 34	0 12	24 6	0 19	11 7	0 47	22 15	0 50	1 3	12 15	20 17	19 58	25 41		n.a.
T 9	21 48	24 44	4 28	24 19	1 41	16 52	0 43	9 51	0 21	23 33	0 12	24 6	0 19	11 6	0 47	22 15	0 50	1 3	12 15	20 19	19 59	25 42		n.a.
W10	21 58	26 35	3 39	24 38	1 45	17 14	0 41	9 38	0 19	23 33	0 12	24 6	0 19	11 6	0 47	22 15	0 50	1 3	12 14	20 20	19 59	25 43		n.a.
T 11	22 7	26 25	2 36	24 55	1 48	17 36	0 39	9 25	0 18	23 32	0 12	24 6	0 19	11 5	0 47	22 14	0 50	1 3	12 14	20 21	20 0	25 44		n.a.
F 12	22 16	24 20	1 22	25 9	1 50	17 58	0 36	9 12	0 16	23 32	0 12	24 6	0 20	11 5	0 47	22 14	0 50	1 3	12 14	20 22	20 1	25 44		n.a.
S 13	22 24	20 41	0 6	25 20	1 52	18 19	0 34	8 59	0 15	23 31	0 13	24 6	0 20	11 4	0 47	22 14	0 50	1 3	12 13	20 22	20 1	25 45		n.a.
S 14	22 32	15 56	1n10	25 29	1 53	18 40	0 32	8 45	0 13	23 31	0 13	24 6	0 20	11 4	0 46	22 14	0 50	1 3	12 13	20 22	20 2	25 46		n.a.
M15	22 40	10 32	2 18	25 35	1 53	19 0	0 29	8 32	0 12	23 30	0 13	24 6	0 20	11 3	0 46	22 14	0 50	1 3	12 13	20 22	20 3	25 47		n.a.
T 16	22 47	4 50	3 18	25 39	1 53	19 20	0 27	8 18	0 10	23 30	0 13	24 6	0 20	11 3	0 46	22 14	0 50	1 3	12 12	20 22	20 4	25 47		n.a.
W17	22 54	0n54	4 5	25 40	1 52	19 39	0 24	8 4	0 9	23 29	0 13	24 5	0 20	11 2	0 46	22 13	0 50	1 3	12 12	20 22	20 4	25 48		n.a.
T 18	23 1	6 27	4 40	25 39	1 51	19 58	0 22	7 51	0 7	23 29	0 13	24 5	0 20	11 2	0 46	22 13	0 50	1 3	12 11	20 22	20 5	25 49		n.a.
F 19	23 7	11 39	5 1	25 36	1 49	20 16	0 19	7 37	0 6	23 28	0 14	24 5	0 20	11 1	0 46	22 13	0 50	1 3	12 11	20 23	20 6	25 50		n.a.
S 20	23 12	16 21	5 9	25 32	1 46	20 34	0 17	7 23	0 5	23 28	0 14	24 5	0 20	11 1	0 46	22 13	0 50	1 3	12 11	20 24	20 7	25 50		n.a.
S 21	23 18	20 21	5 3	25 25	1 43	20 51	0 14	7 9	0 3	23 27	0 14	24 5	0 20	11 0	0 46	22 13	0 50	1 3	12 10	20 26	20 7	25 51		n.a.
M22	23 22	23 31	4 43	25 16	1 39	21 7	0 12	6 54	0 2	23 27	0 14	24 5	0 20	10 59	0 46	22 13	0 50	1 3	12 10	20 27	20 8	25 52		n.a.
T 23	23 27	25 40	4 12	25 6	1 35	21 23	0 9	6 40	0 1	23 26	0 14	24 5	0 20	10 59	0 46	22 12	0 50	1 3	12 9	20 29	20 9	25 53		n.a.
W24	23 31	26 40	3 30	24 54	1 31	21 39	0 7	6 26	0s 1	23 25	0 14	24 4	0 20	10 58	0 46	22 12	0 50	1 3	12 9	20 31	20 9	25 53		n.a.
T 25	23 35	26 27	2 38	24 40	1 26	21 53	0 4	6 11	0 2	23 25	0 15	24 4	0 21	10 57	0 46	22 12	0 50	1 2	12 8	20 32	20 10	25 54		n.a.
F 26	23 38	25 0	1 40	24 25	1 20	22 8	0 2	5 56	0 3	23 24	0 15	24 4	0 21	10 57	0 46	22 12	0 50	1 2	12 8	20 32	20 11	25 55		n.a.
S 27	23 41	22 23	0 36	24 9	1 14	22 21	0n 1	5 42	0 5	23 24	0 15	24 4	0 21	10 56	0 46	22 12	0 50	1 2	12 8	20 33	20 11	25 55		n.a.
S 28	23 43	18 45	0s31	23 51	1 8	22 34	0 3	5 27	0 6	23 23	0 15	24 4	0 21	10 55	0 46	22 12	0 50	1 2	12 7	20 33	20 12	25 56		n.a.
M29	23 45	14 16	1 37	23 32	1 2	22 46	0 6	5 12	0 7	23 22	0 15	24 3	0 21	10 54	0 46	22 12	0 50	1 2	12 7	20 32	20 13	25 57		n.a.
T 30	23n47	9n 6	2s39	23n12	0n55	22n58	0n 8	4n57	0s 9	23s22	0s15	24n 3	0n21	10n54	0n46	22s11	0n50	1n 2	12n 6	20s32	20s14	25n57		n.a.

Julian Day Number = 1367281.5, Delta T = 06h53m45s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°27'42, Lahiri = -17°20'41 Julian Calendar 1 June 970 BCE == Greg. Calendar 23 May 970 BCE

The year -969 astronomical counting style corresponds to year 970 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 970 BCE
geocentric

JULY 970 BCE (-969) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 56 30	27♊55'26	13♍ 4	21♋27	15♊14	17♍55	16°R18	5♋26	4♍ 3	15°R34	26°R 8	29♑42	1♒ 2	7♊21	n.a.	W 1
T 2	18 0 26	28°52'55	26°18	22°54	16°28	18°31	16♐11	5°34	4° 5	15♐33	26♎ 8	29°R43	0°59	7°27	n.a.	T 2
F 3	18 4 23	29°50'24	9♎55	24°19	17°42	19° 6	16° 3	5°41	4° 8	15°31	26° 7	29°42	0°56	7°34	n.a.	F 3
S 4	18 8 19	0♋47'54	23°57	25°42	18°56	19°42	15°56	5°49	4°10	15°30	26° 7	29°41	0°53	7°41	n.a.	S 4
S 5	18 12 16	1°45'26	8♏23	27° 3	20° 9	20°18	15°49	5°57	4°12	15°28	26° 6	29°38	0°50	7°47	n.a.	S 5
M 6	18 16 12	2°42'58	23° 9	28°23	21°23	20°54	15°42	6° 4	4°14	15°27	26° 6	29°34	0°46	7°54	n.a.	M 6
T 7	18 20 9	3°40'32	8♐10	29°40	22°37	21°31	15°35	6°12	4°16	15°25	26° 6	29°31	0°43	8° 1	n.a.	T 7
W 8	18 24 5	4°38'07	23°17	0♑56	23°51	22° 7	15°28	6°20	4°19	15°24	26° 5	29°28	0°40	8° 8	n.a.	W 8
T 9	18 28 2	5°35'43	8♑21	2°10	25° 5	22°44	15°21	6°27	4°21	15°22	26° 5	29°26	0°37	8°14	n.a.	T 9
F 10	18 31 59	6°33'21	23°13	3°21	26°19	23°21	15°14	6°35	4°24	15°21	26° 5	29°D25	0°34	8°21	n.a.	F 10
S 11	18 35 55	7°31'00	7♒46	4°30	27°33	23°58	15° 7	6°43	4°26	15°19	26° 4	29°25	0°31	8°28	n.a.	S 11
S 12	18 39 52	8°28'41	21°53	5°38	28°47	24°35	15° 1	6°50	4°28	15°18	26° 4	29°26	0°27	8°34	n.a.	S 12
M13	18 43 48	9°26'23	5♓35	6°42	0♋ 1	25°12	14°54	6°58	4°31	15°16	26° 4	29°27	0°24	8°41	n.a.	M13
T 14	18 47 45	10°24'08	18°50	7°45	1°15	25°49	14°48	7° 5	4°34	15°15	26° 4	29°28	0°21	8°48	n.a.	T 14
W15	18 51 41	11°21'54	1♈41	8°44	2°29	26°27	14°42	7°13	4°36	15°13	26° 4	29°29	0°18	8°54	n.a.	W15
T 16	18 55 38	12°19'42	14°12	9°41	3°43	27° 5	14°36	7°21	4°39	15°12	26° 4	29°R29	0°15	9° 1	n.a.	T 16
F 17	18 59 34	13°17'31	26°26	10°35	4°58	27°43	14°30	7°28	4°41	15°11	26° 4	29°29	0°11	9° 8	n.a.	F 17
S 18	19 3 31	14°15'23	8♉29	11°26	6°12	28°21	14°24	7°36	4°44	15° 9	26°D 4	29°28	0° 8	9°14	n.a.	S 18
S 19	19 7 28	15°13'17	20°23	12°14	7°26	28°59	14°18	7°44	4°47	15° 8	26° 4	29°26	0° 5	9°21	n.a.	S 19
M20	19 11 24	16°11'12	2♊14	12°59	8°40	29°37	14°13	7°51	4°50	15° 6	26° 4	29°24	0° 2	9°28	n.a.	M20
T 21	19 15 21	17° 9'10	14° 5	13°40	9°55	0♎16	14° 7	7°59	4°53	15° 5	26° 4	29°22	29♑59	9°35	n.a.	T 21
W22	19 19 17	18° 7'09	25°58	14°17	11° 9	0°54	14° 2	8° 6	4°55	15° 4	26° 4	29°21	29°56	9°41	n.a.	W22
T 23	19 23 14	19° 5'11	7♋56	14°50	12°23	1°33	13°57	8°14	4°58	15° 3	26° 4	29°19	29°52	9°48	n.a.	T 23
F 24	19 27 10	20° 3'14	20° 1	15°18	13°38	2°12	13°52	8°21	5° 1	15° 1	26° 4	29°19	29°49	9°55	n.a.	F 24
S 25	19 31 7	21° 1'19	2♌15	15°42	14°52	2°51	13°47	8°29	5° 4	15° 0	26° 5	29°D19	29°46	10° 1	n.a.	S 25
S 26	19 35 3	21°59'25	14°40	16° 2	16° 7	3°30	13°43	8°37	5° 7	14°59	26° 5	29°19	29°43	10° 8	n.a.	S 26
M27	19 39 0	22°57'33	27°16	16°16	17°21	4°10	13°38	8°44	5°10	14°58	26° 5	29°19	29°40	10°15	n.a.	M27
T 28	19 42 57	23°55'43	10♍ 6	16°24	18°36	4°49	13°34	8°52	5°13	14°56	26° 6	29°20	29°37	10°21	n.a.	T 28
W29	19 46 53	24°53'55	23°10	16°R27	19°50	5°29	13°30	8°59	5°16	14°55	26° 6	29°21	29°33	10°28	n.a.	W29
T 30	19 50 50	25°52'08	6♎31	16°24	21° 5	6° 8	13°26	9° 6	5°20	14°54	26° 6	29°21	29°30	10°35	n.a.	T 30
F 31	19 54 46	26♋50'23	20♎ 9	16♌15	22♋19	6♎48	13♐22	9♋14	5♍23	14♐53	26♎ 7	29♑21	29♑27	10♊41	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n48	3n27	3s35	22n51	0n47	23n 9	0n10	4n42	0s10	23s21	0s15	24n 3	0n21	10n53	0n46	22s11	0n50	1n 1	12n 6	20s32	20s14	25n58			n.a.
T 2	23 48	2s30	4 22	22 29	0 40	23 19	0 13	4 27	0 11	23 20	0 16	24 3	0 21	10 52	0 46	22 11	0 50	1 1	12 5	20 32	20 15	25 59			n.a.
F 3	23 49	8 29	4 55	22 7	0 32	23 29	0 15	4 11	0 12	23 20	0 16	24 2	0 21	10 51	0 46	22 11	0 50	1 1	12 5	20 32	20 16	25 59			n.a.
S 4	23 49	14 15	5 12	21 43	0 24	23 38	0 18	3 56	0 13	23 19	0 16	24 2	0 21	10 51	0 46	22 11	0 50	1 1	12 4	20 32	20 16	26 0			n.a.
S 5	23 48	19 23	5 10	21 19	0 15	23 46	0 20	3 41	0 15	23 19	0 16	24 2	0 21	10 50	0 46	22 11	0 50	1 0	12 4	20 33	20 17	26 0			n.a.
M 6	23 47	23 29	4 47	20 55	0 6	23 54	0 22	3 25	0 16	23 18	0 16	24 2	0 21	10 49	0 46	22 10	0 50	1 0	12 4	20 33	20 18	26 1			n.a.
T 7	23 46	26 3	4 5	20 29	0s 3	24 1	0 25	3 9	0 17	23 17	0 16	24 1	0 22	10 48	0 46	22 10	0 50	1 0	12 3	20 34	20 19	26 2			n.a.
W 8	23 44	26 44	3 6	20 4	0 12	24 7	0 27	2 54	0 18	23 17	0 17	24 1	0 22	10 47	0 45	22 10	0 50	0 59	12 3	20 35	20 19	26 2			n.a.
T 9	23 41	25 26	1 53	19 38	0 22	24 12	0 29	2 38	0 19	23 16	0 17	24 1	0 22	10 46	0 45	22 10	0 50	0 59	12 2	20 35	20 20	26 3			n.a.
F 10	23 39	22 20	0 34	19 12	0 31	24 17	0 31	2 22	0 20	23 15	0 17	24 1	0 22	10 45	0 45	22 10	0 50	0 59	12 2	20 35	20 21	26 3			n.a.
S 11	23 36	17 53	0n46	18 46	0 41	24 21	0 34	2 6	0 22	23 15	0 17	24 0	0 22	10 44	0 45	22 10	0 50	0 58	12 1	20 35	20 21	26 4			n.a.
S 12	23 32	12 32	2 1	18 20	0 51	24 24	0 36	1 50	0 23	23 14	0 17	24 0	0 22	10 43	0 45	22 10	0 50	0 58	12 1	20 35	20 22	26 4			n.a.
M13	23 28	6 43	3 6	17 54	1 2	24 27	0 38	1 34	0 24	23 14	0 17	24 0	0 22	10 42	0 45	22 9	0 50	0 58	12 0	20 35	20 23	26 5			n.a.
T 14	23 24	0 49	4 0	17 28	1 12	24 28	0 40	1 18	0 25	23 13	0 17	23 59	0 22	10 41	0 45	22 9	0 50	0 57	12 0	20 35	20 23	26 6			n.a.
W15	23 19	4n56	4 40	17 2	1 22	24 29	0 42	1 2	0 26	23 12	0 17	23 59	0 22	10 40	0 45	22 9	0 50	0 57	11 59	20 35	20 24	26 6			n.a.
T 16	23 14	10 21	5 5	16 37	1 33	24 30	0 44	0 46	0 27	23 12	0 18	23 59	0 22	10 39	0 45	22 9	0 50	0 56	11 59	20 34	20 25	26 7			n.a.
F 17	23 8	15 14	5 15	16 12	1 44	24 29	0 46	0 30	0 28	23 11	0 18	23 58	0 22	10 38	0 45	22 9	0 50	0 56	11 58	20 35	20 25	26 7			n.a.
S 18	23 2	19 27	5 12	15 47	1 54	24 28	0 48	0 13	0 29	23 11	0 18	23 58	0 22	10 37	0 45	22 9	0 50	0 55	11 58	20 35	20 26	26 8			n.a.
S 19	22 56	22 51	4 55	15 23	2 5	24 26	0 50	0s 3	0 30	23 10	0 18	23 58	0 23	10 36	0 45	22 9	0 50	0 55	11 57	20 35	20 27	26 8			n.a.
M20	22 49	25 16	4 26	15 1	2 16	24 23	0 52	0 19	0 31	23 10	0 18	23 57	0 23	10 35	0 45	22 9	0 50	0 55	11 57	20 36	20 28	26 9			n.a.
T 21	22 42	26 34	3 45	14 39	2 27	24 20	0 54	0 36	0 32	23 9	0 18	23 57	0 23	10 34	0 45	22 8	0 50	0 54	11 56	20 36	20 28	26 9			n.a.
W22	22 34	26 39	2 54	14 18	2 37	24 16	0 56	0 52	0 33	23 9	0 18	23 56	0 23	10 33	0 45	22 8	0 50	0 54	11 56	20 36	20 29	26 10			n.a.
T 23	22 26	25 30	1 56	13 58	2 48	24 11	0 57	1 9	0 34	23 8	0 18	23 56	0 23	10 32	0 45	22 8	0 50	0 53	11 55	20 37	20 30	26 10			n.a.
F 24	22 17	23 8	0 51	13 40	2 58	24 5	0 59	1 25	0 35	23 8	0 19	23 56	0 23	10 31	0 45	22 8	0 50	0 52	11 55	20 37	20 30	26 11			n.a.
S 25	22 8	19 42	0s16	13 23	3 8	23 58	1 1	1 42	0 36	23 7	0 19	23 55	0 23	10 30	0 45	22 8	0 50	0 52	11 54	20 37	20 31	26 11			n.a.
S 26	21 59	15 21	1 24	13 8	3 18	23 51	1 2	1 59	0 37	23 7	0 19	23 55	0 23	10 28	0 45	22 8	0 50	0 51	11 54	20 37	20 32	26 12			n.a.
M27	21 49	10 17	2 29	12 55	3 27	23 43	1 4	2 16	0 38	23 6	0 19	23 54	0 23	10 27	0 45	22 8	0 49	0 51	11 53	20 37	20 32	26 12			n.a.
T 28	21 39	4 42	3 27	12 44	3 36	23 35	1 5	2 32	0 39	23 6	0 19	23 54	0 23	10 26	0 45	22 8	0 49	0 50	11 53	20 36	20 33	26 12			n.a.
W29	21 29	1s10	4 16	12 35	3 44	23 25	1 7	2 49	0 40	23 5	0 19	23 54	0 24	10 25	0 45	22 8	0 49	0 50	11 53	20 36	20 34	26 13			n.a.
T 30	21 18	7 5	4 53	12 29	3 52	23 15	1 8	3 6	0 41	23 5	0 19	23 53	0 24	10 24	0 45	22 7	0 49	0 49	11 52	20 36	20 34	26 13			n.a.
F 31	21n 7	12s49	5s13	12n25	3s58	23n 5	1n10	3s23	0s42	23s 5	0s19	23n53	0n24	10n23	0n45	22s 7	0n49	0n48	11n52	20s36	20s35	26n14			n.a.

Julian Day Number = 1367311.5, Delta T = 06h53m43s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°27'38, Lahiri = -17°20'37 Julian Calendar 1 July 970 BCE == Greg. Calendar 22 June 970 BCE

The year -969 astronomical counting style corresponds to year 970 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 970 BCE
geocentric

AUGUST 970 BCE (-969) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 58 43	27♋48'39	4♏ 5	16°R 0	23♋34	7♎28	13°R19	9♋21	5♍26	14°R52	26♎ 7	29°R21	29♑24	10♊48	n.a.	S 1
S 2	20 2 39	28°46'57	18°17	15♌38	24°49	8° 8	13♐15	9°29	5°29	14♐51	26° 8	29♑21	29°21	10°55	n.a.	S 2
M 3	20 6 36	29°45'17	2♐44	15° 9	26° 3	8°49	13°12	9°36	5°32	14°50	26° 8	29°D21	29°17	11° 2	n.a.	M 3
T 4	20 10 32	0♌43'39	17°22	14°34	27°18	9°29	13° 9	9°43	5°36	14°49	26° 9	29°21	29°14	11° 8	n.a.	T 4
W 5	20 14 29	1°42'02	2♑ 7	13°53	28°33	10° 9	13° 6	9°51	5°39	14°48	26° 9	29°21	29°11	11°15	n.a.	W 5
T 6	20 18 26	2°40'27	16°51	13° 7	29°47	10°50	13° 3	9°58	5°42	14°47	26°10	29°21	29° 8	11°22	n.a.	T 6
F 7	20 22 22	3°38'54	1♒28	12°15	1♌ 2	11°31	13° 1	10° 5	5°46	14°46	26°11	29°R21	29° 5	11°28	n.a.	F 7
S 8	20 26 19	4°37'23	15°51	11°18	2°17	12°12	12°59	10°12	5°49	14°45	26°11	29°21	29° 2	11°35	n.a.	S 8
S 9	20 30 15	5°35'54	29°55	10°19	3°32	12°52	12°57	10°20	5°52	14°44	26°12	29°21	28°58	11°42	n.a.	S 9
M10	20 34 12	6°34'28	13♓37	9°17	4°46	13°34	12°55	10°27	5°56	14°43	26°13	29°20	28°55	11°48	n.a.	M10
T 11	20 38 8	7°33'03	26°56	8°14	6° 1	14°15	12°53	10°34	5°59	14°43	26°14	29°19	28°52	11°55	n.a.	T 11
W12	20 42 5	8°31'41	9♈51	7°12	7°16	14°56	12°51	10°41	6° 3	14°42	26°15	29°18	28°49	12° 2	n.a.	W12
T 13	20 46 1	9°30'21	22°25	6°11	8°31	15°37	12°50	10°48	6° 6	14°41	26°15	29°17	28°46	12° 8	n.a.	T 13
F 14	20 49 58	10°29'03	4♉42	5°15	9°46	16°19	12°49	10°55	6°10	14°40	26°16	29°17	28°43	12°15	n.a.	F 14
S 15	20 53 54	11°27'48	16°45	4°23	11° 1	17° 0	12°48	11° 2	6°13	14°39	26°17	29°D17	28°39	12°22	n.a.	S 15
S 16	20 57 51	12°26'35	28°40	3°38	12°16	17°42	12°47	11° 9	6°17	14°39	26°18	29°17	28°36	12°28	n.a.	S 16
M17	21 1 48	13°25'25	10♊30	3° 0	13°31	18°24	12°46	11°16	6°20	14°38	26°19	29°18	28°33	12°35	n.a.	M17
T 18	21 5 44	14°24'17	22°22	2°30	14°45	19° 6	12°46	11°23	6°24	14°38	26°20	29°20	28°30	12°42	n.a.	T 18
W19	21 9 41	15°23'12	4♋17	2°10	16° 0	19°48	12°D46	11°29	6°28	14°37	26°21	29°21	28°27	12°49	n.a.	W19
T 20	21 13 37	16°22'08	16°22	2° 0	17°15	20°30	12°46	11°36	6°31	14°36	26°22	29°22	28°23	12°55	n.a.	T 20
F 21	21 17 34	17°21'07	28°37	2°D 0	18°30	21°12	12°46	11°43	6°35	14°36	26°23	29°R23	28°20	13° 2	n.a.	F 21
S 22	21 21 30	18°20'09	11♌ 6	2°10	19°46	21°55	12°47	11°50	6°38	14°35	26°25	29°22	28°17	13° 9	n.a.	S 22
S 23	21 25 27	19°19'12	23°49	2°29	21° 1	22°37	12°47	11°56	6°42	14°35	26°26	29°21	28°14	13°15	n.a.	S 23
M24	21 29 23	20°18'18	6♍47	2°59	22°16	23°20	12°48	12° 3	6°46	14°34	26°27	29°18	28°11	13°22	n.a.	M24
T 25	21 33 20	21°17'25	19°59	3°38	23°31	24° 2	12°49	12° 9	6°49	14°34	26°28	29°15	28° 8	13°29	n.a.	T 25
W26	21 37 17	22°16'35	3♎26	4°25	24°46	24°45	12°50	12°16	6°53	14°34	26°29	29°12	28° 4	13°35	n.a.	W26
T 27	21 41 13	23°15'46	17° 4	5°20	26° 1	25°28	12°52	12°22	6°57	14°33	26°31	29° 8	28° 1	13°42	n.a.	T 27
F 28	21 45 10	24°15'00	0♏54	6°23	27°16	26°11	12°53	12°29	7° 1	14°33	26°32	29° 6	27°58	13°49	n.a.	F 28
S 29	21 49 6	25°14'15	14°52	7°33	28°31	26°54	12°55	12°35	7° 4	14°33	26°33	29° 4	27°55	13°55	n.a.	S 29
S 30	21 53 3	26°13'33	28°59	8°48	29°46	27°37	12°57	12°41	7° 8	14°32	26°35	29°D 4	27°52	14° 2	n.a.	S 30
M31	21 56 59	27♌12'52	13♐11	10♌ 9	1♍ 1	28♎20	12♐59	12♋47	7♍12	14♐32	26♎36	29♑ 5	27♑49	14♊ 9	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n55	18s 1	5s16	12n24	4s 4	22n53	1n11	3s40	0s43	23s 4	0s19	23n52	0n24	10n21	0n45	22s 7	0n49	0n48	11n51	20s36	20s36	26n14		n.a.
S 2	20 43	22 20	5 0	12 26	4 9	22 41	1 12	3 56	0 44	23 4	0 20	23 52	0 24	10 20	0 45	22 7	0 49	0 47	11 51	20 36	20 36	26 15		n.a.
M 3	20 31	25 22	4 25	12 32	4 12	22 28	1 13	4 13	0 44	23 4	0 20	23 51	0 24	10 19	0 45	22 7	0 49	0 47	11 50	20 36	20 37	26 15		n.a.
T 4	20 18	26 44	3 33	12 40	4 14	22 15	1 15	4 30	0 45	23 3	0 20	23 51	0 24	10 18	0 45	22 7	0 49	0 46	11 50	20 36	20 38	26 15		n.a.
W 5	20 5	26 13	2 26	12 51	4 14	22 0	1 16	4 47	0 46	23 3	0 20	23 51	0 24	10 16	0 45	22 7	0 49	0 45	11 49	20 36	20 38	26 16		n.a.
T 6	19 52	23 52	1 9	13 6	4 13	21 45	1 17	5 4	0 47	23 3	0 20	23 50	0 24	10 15	0 45	22 7	0 49	0 45	11 49	20 36	20 39	26 16		n.a.
F 7	19 38	19 57	0n12	13 24	4 10	21 30	1 18	5 21	0 48	23 3	0 20	23 50	0 24	10 14	0 45	22 7	0 49	0 44	11 48	20 36	20 40	26 16		n.a.
S 8	19 24	14 54	1 30	13 44	4 5	21 14	1 18	5 38	0 49	23 3	0 20	23 49	0 25	10 13	0 45	22 7	0 49	0 43	11 48	20 36	20 40	26 17		n.a.
S 9	19 10	9 9	2 42	14 7	3 57	20 57	1 19	5 55	0 49	23 2	0 20	23 49	0 25	10 11	0 45	22 7	0 49	0 43	11 47	20 36	20 41	26 17		n.a.
M10	18 55	3 8	3 42	14 33	3 48	20 40	1 20	6 12	0 50	23 2	0 20	23 48	0 25	10 10	0 45	22 7	0 49	0 42	11 47	20 36	20 42	26 18		n.a.
T 11	18 40	2n51	4 28	15 0	3 37	20 22	1 21	6 29	0 51	23 2	0 20	23 48	0 25	10 9	0 45	22 7	0 49	0 41	11 46	20 37	20 42	26 18		n.a.
W12	18 25	8 31	4 59	15 29	3 24	20 3	1 21	6 46	0 52	23 2	0 20	23 47	0 25	10 7	0 45	22 6	0 49	0 40	11 46	20 37	20 43	26 18		n.a.
T 13	18 9	13 42	5 14	15 58	3 9	19 44	1 22	7 3	0 53	23 2	0 21	23 47	0 25	10 6	0 44	22 6	0 49	0 40	11 45	20 37	20 44	26 19		n.a.
F 14	17 53	18 13	5 15	16 28	2 53	19 24	1 23	7 20	0 53	23 2	0 21	23 46	0 25	10 5	0 44	22 6	0 49	0 39	11 45	20 37	20 44	26 19		n.a.
S 15	17 37	21 55	5 2	16 57	2 35	19 4	1 23	7 37	0 54	23 2	0 21	23 46	0 25	10 3	0 44	22 6	0 49	0 38	11 44	20 37	20 45	26 19		n.a.
S 16	17 20	24 39	4 36	17 26	2 17	18 43	1 23	7 54	0 55	23 2	0 21	23 45	0 25	10 2	0 44	22 6	0 49	0 37	11 44	20 37	20 46	26 19		n.a.
M17	17 3	26 18	3 59	17 53	1 58	18 22	1 24	8 10	0 55	23 2	0 21	23 45	0 25	10 1	0 44	22 6	0 49	0 37	11 43	20 37	20 46	26 20		n.a.
T 18	16 46	26 46	3 11	18 19	1 38	18 0	1 24	8 27	0 56	23 2	0 21	23 44	0 26	9 59	0 44	22 6	0 49	0 36	11 43	20 37	20 47	26 20		n.a.
W19	16 28	25 59	2 14	18 42	1 19	17 37	1 24	8 44	0 57	23 2	0 21	23 44	0 26	9 58	0 44	22 6	0 49	0 35	11 43	20 36	20 48	26 20		n.a.
T 20	16 11	23 58	1 11	19 3	1 0	17 14	1 24	9 1	0 58	23 2	0 21	23 44	0 26	9 57	0 44	22 6	0 49	0 34	11 42	20 36	20 48	26 21		n.a.
F 21	15 52	20 50	0 4	19 21	0 41	16 51	1 24	9 18	0 58	23 2	0 21	23 43	0 26	9 55	0 44	22 6	0 49	0 33	11 42	20 36	20 49	26 21		n.a.
S 22	15 34	16 41	1s 4	19 37	0 23	16 27	1 24	9 34	0 59	23 2	0 21	23 43	0 26	9 54	0 44	22 6	0 49	0 33	11 41	20 36	20 50	26 21		n.a.
S 23	15 15	11 44	2 11	19 49	0 6	16 3	1 24	9 51	1 0	23 2	0 21	23 42	0 26	9 52	0 44	22 6	0 49	0 32	11 41	20 36	20 50	26 21		n.a.
M24	14 57	6 12	3 12	19 58	0n11	15 38	1 24	10 8	1 0	23 2	0 21	23 42	0 26	9 51	0 44	22 6	0 49	0 31	11 40	20 37	20 51	26 22		n.a.
T 25	14 37	0 18	4 4	20 4	0 26	15 13	1 24	10 24	1 1	23 3	0 22	23 41	0 26	9 50	0 44	22 6	0 48	0 30	11 40	20 38	20 52	26 22		n.a.
W26	14 18	5s42	4 43	20 6	0 40	14 47	1 24	10 41	1 2	23 3	0 22	23 41	0 27	9 48	0 44	22 6	0 48	0 29	11 39	20 38	20 52	26 22		n.a.
T 27	13 58	11 31	5 7	20 4	0 52	14 21	1 24	10 58	1 2	23 3	0 22	23 40	0 27	9 47	0 44	22 6	0 48	0 28	11 39	20 39	20 53	26 22		n.a.
F 28	13 39	16 51	5 14	20 0	1 4	13 55	1 23	11 14	1 3	23 3	0 22	23 40	0 27	9 45	0 44	22 6	0 48	0 27	11 39	20 39	20 53	26 23		n.a.
S 29	13 19	21 21	5 2	19 52	1 14	13 28	1 23	11 30	1 3	23 4	0 22	23 39	0 27	9 44	0 44	22 6	0 48	0 27	11 38	20 40	20 54	26 23		n.a.
S 30	12 58	24 40	4 32	19 40	1 23	13 0	1 22	11 47	1 4	23 4	0 22	23 39	0 27	9 43	0 44	22 6	0 48	0 26	11 38	20 40	20 55	26 23		n.a.
M31	12n38	26s28	3s46	19n26	1n31	12n33	1n22	12s 3	1s 5	23s 4	0s22	23n38	0n27	9n41	0n44	22s 6	0n48	0n25	11n37	20s40	20s55	26n23		n.a.

Julian Day Number = 1367342.5, Delta T = 06h53m42s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°27'34, Lahiri = -17°20'33 Julian Calendar 1 Aug. 970 BCE == Greg. Calendar 23 July 970 BCE

The year -969 astronomical counting style corresponds to year 970 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 970 BCE
geocentric

SEPTEMBER 970 BCE (-969) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 0 56	28♌12'14	27♐27	11♌34	2♍16	29♎ 3	13♐ 1	12♋54	7♍16	14°R32	26♎38	29♑ 6	27♑45	14♊15	n.a.	T 1
W 2	22 4 52	29°11'37	11♑45	13° 3	3°32	29°47	13° 4	13° 0	7°19	14♐32	26°39	29° 8	27°42	14°22	n.a.	W 2
T 3	22 8 49	0♍11'02	26° 2	14°36	4°47	0♏30	13° 7	13° 6	7°23	14°32	26°41	29°R 8	27°39	14°29	n.a.	T 3
F 4	22 12 46	1°10'29	10♒13	16°11	6° 2	1°14	13°10	13°12	7°27	14°32	26°42	29° 8	27°36	14°36	n.a.	F 4
S 5	22 16 42	2° 9'58	24°15	17°48	7°17	1°57	13°13	13°18	7°31	14°32	26°44	29° 6	27°33	14°42	n.a.	S 5
S 6	22 20 39	3° 9'29	8♓ 4	19°27	8°32	2°41	13°16	13°23	7°35	14°D32	26°45	29° 2	27°29	14°49	n.a.	S 6
M 7	22 24 35	4° 9'02	21°37	21° 8	9°47	3°25	13°20	13°29	7°38	14°32	26°47	28°57	27°26	14°56	n.a.	M 7
T 8	22 28 32	5° 8'38	4♈50	22°50	11° 3	4° 9	13°23	13°35	7°42	14°32	26°48	28°51	27°23	15° 2	n.a.	T 8
W 9	22 32 28	6° 8'15	17°44	24°32	12°18	4°52	13°27	13°41	7°46	14°32	26°50	28°45	27°20	15° 9	n.a.	W 9
T 10	22 36 25	7° 7'56	0♉18	26°15	13°33	5°36	13°31	13°46	7°50	14°32	26°52	28°39	27°17	15°16	n.a.	T 10
F 11	22 40 21	8° 7'38	12°36	27°58	14°48	6°21	13°35	13°52	7°54	14°32	26°53	28°34	27°14	15°22	n.a.	F 11
S 12	22 44 18	9° 7'23	24°40	29°42	16° 3	7° 5	13°40	13°57	7°57	14°32	26°55	28°31	27°10	15°29	n.a.	S 12
S 13	22 48 14	10° 7'10	6♊34	1♍25	17°19	7°49	13°44	14° 2	8° 1	14°32	26°57	28°D30	27° 7	15°36	n.a.	S 13
M14	22 52 11	11° 7'00	18°25	3° 9	18°34	8°33	13°49	14° 8	8° 5	14°33	26°59	28°30	27° 4	15°42	n.a.	M14
T 15	22 56 8	12° 6'52	0♋16	4°52	19°49	9°18	13°54	14°13	8° 9	14°33	27° 1	28°31	27° 1	15°49	n.a.	T 15
W16	23 0 4	13° 6'47	12°12	6°35	21° 4	10° 2	13°59	14°18	8°13	14°33	27° 2	28°33	26°58	15°56	n.a.	W16
T 17	23 4 1	14° 6'44	24°20	8°18	22°19	10°47	14° 4	14°23	8°16	14°34	27° 4	28°R34	26°54	16° 2	n.a.	T 17
F 18	23 7 57	15° 6'43	6♌42	10° 0	23°35	11°31	14°10	14°28	8°20	14°34	27° 6	28°34	26°51	16° 9	n.a.	F 18
S 19	23 11 54	16° 6'44	19°22	11°42	24°50	12°16	14°16	14°33	8°24	14°34	27° 8	28°31	26°48	16°16	n.a.	S 19
S 20	23 15 50	17° 6'47	2♍22	13°23	26° 5	13° 1	14°21	14°38	8°28	14°35	27°10	28°27	26°45	16°22	n.a.	S 20
M21	23 19 47	18° 6'53	15°43	15° 4	27°20	13°45	14°27	14°43	8°31	14°35	27°12	28°20	26°42	16°29	n.a.	M21
T 22	23 23 43	19° 7'00	29°21	16°44	28°36	14°30	14°33	14°47	8°35	14°36	27°14	28°12	26°39	16°36	n.a.	T 22
W23	23 27 40	20° 7'09	13♎16	18°24	29°51	15°15	14°40	14°52	8°39	14°36	27°16	28° 3	26°35	16°42	n.a.	W23
T 24	23 31 36	21° 7'21	27°21	20° 4	1♏ 6	16° 0	14°46	14°56	8°43	14°37	27°18	27°54	26°32	16°49	n.a.	T 24
F 25	23 35 33	22° 7'34	11♏33	21°43	2°21	16°45	14°53	15° 1	8°46	14°38	27°20	27°47	26°29	16°56	n.a.	F 25
S 26	23 39 30	23° 7'49	25°47	23°21	3°37	17°31	15° 0	15° 5	8°50	14°38	27°22	27°42	26°26	17° 2	n.a.	S 26
S 27	23 43 26	24° 8'05	10♐ 0	24°59	4°52	18°16	15° 6	15° 9	8°54	14°39	27°24	27°39	26°23	17° 9	n.a.	S 27
M28	23 47 23	25° 8'23	24°10	26°36	6° 7	19° 1	15°14	15°14	8°58	14°40	27°26	27°D38	26°20	17°16	n.a.	M28
T 29	23 51 19	26° 8'43	8♑14	28°13	7°22	19°46	15°21	15°18	9° 1	14°40	27°28	27°38	26°16	17°22	n.a.	T 29
W30	23 55 16	27♍ 9'04	22♑12	29♍50	8♎38	20♏32	15♐28	15♋22	9♍ 5	14♐41	27♎30	27°R39	26♑13	17♊29	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n17	26s32	2s45	19n 9	1n38	12n 5	1n21	12s19	1s 5	23s 5	0s22	23n38	0n27	9n40	0n44	22s 6	0n48	0n24	11n37	20s39	20s56	26n23		n.a.
W 2	11 56	24 50	1 34	18 48	1 43	11 37	1 20	12 35	1 6	23 5	0 22	23 37	0 27	9 38	0 44	22 6	0 48	0 23	11 37	20 39	20 57	26 23		n.a.
T 3	11 35	21 33	0 17	18 25	1 48	11 8	1 20	12 51	1 6	23 6	0 22	23 37	0 27	9 37	0 44	22 6	0 48	0 22	11 36	20 39	20 57	26 24		n.a.
F 4	11 13	16 59	1n 0	18 0	1 51	10 39	1 19	13 7	1 7	23 6	0 22	23 36	0 28	9 35	0 44	22 6	0 48	0 21	11 36	20 39	20 58	26 24		n.a.
S 5	10 52	11 33	2 13	17 32	1 54	10 10	1 18	13 23	1 7	23 6	0 22	23 36	0 28	9 34	0 44	22 6	0 48	0 20	11 35	20 39	20 59	26 24		n.a.
S 6	10 30	5 38	3 16	17 2	1 55	9 41	1 17	13 39	1 8	23 7	0 22	23 35	0 28	9 33	0 44	22 6	0 48	0 19	11 35	20 40	20 59	26 24		n.a.
M 7	10 8	0n24	4 7	16 31	1 56	9 11	1 16	13 55	1 8	23 7	0 22	23 35	0 28	9 31	0 44	22 6	0 48	0 18	11 35	20 41	21 0	26 24		n.a.
T 8	9 46	6 17	4 44	15 57	1 56	8 41	1 15	14 11	1 9	23 8	0 23	23 34	0 28	9 30	0 44	22 6	0 48	0 17	11 34	20 43	21 0	26 24		n.a.
W 9	9 24	11 44	5 5	15 22	1 56	8 11	1 14	14 26	1 9	23 9	0 23	23 34	0 28	9 28	0 44	22 6	0 48	0 17	11 34	20 44	21 1	26 24		n.a.
T 10	9 2	16 35	5 10	14 45	1 55	7 41	1 13	14 41	1 10	23 9	0 23	23 33	0 28	9 27	0 44	22 6	0 48	0 16	11 33	20 45	21 2	26 25		n.a.
F 11	8 39	20 38	5 1	14 7	1 53	7 10	1 11	14 57	1 10	23 10	0 23	23 33	0 28	9 25	0 44	22 6	0 48	0 15	11 33	20 46	21 2	26 25		n.a.
S 12	8 16	23 44	4 39	13 28	1 51	6 39	1 10	15 12	1 11	23 10	0 23	23 33	0 29	9 24	0 44	22 7	0 48	0 14	11 33	20 47	21 3	26 25		n.a.
S 13	7 53	25 46	4 5	12 49	1 48	6 8	1 9	15 27	1 11	23 11	0 23	23 32	0 29	9 22	0 44	22 7	0 48	0 13	11 32	20 47	21 4	26 25		n.a.
M14	7 30	26 37	3 20	12 8	1 45	5 37	1 7	15 42	1 12	23 12	0 23	23 32	0 29	9 21	0 44	22 7	0 48	0 12	11 32	20 47	21 4	26 25		n.a.
T 15	7 7	26 16	2 27	11 26	1 41	5 6	1 6	15 57	1 12	23 12	0 23	23 31	0 29	9 20	0 44	22 7	0 48	0 11	11 32	20 47	21 5	26 25		n.a.
W16	6 44	24 42	1 27	10 44	1 37	4 35	1 4	16 12	1 13	23 13	0 23	23 31	0 29	9 18	0 44	22 7	0 48	0 10	11 31	20 46	21 5	26 25		n.a.
T 17	6 21	21 58	0 23	10 1	1 32	4 3	1 3	16 27	1 13	23 14	0 23	23 30	0 29	9 17	0 44	22 7	0 48	0 9	11 31	20 46	21 6	26 25		n.a.
F 18	5 57	18 11	0s44	9 17	1 28	3 31	1 1	16 41	1 13	23 14	0 23	23 30	0 29	9 15	0 44	22 7	0 48	0 8	11 31	20 46	21 7	26 25		n.a.
S 19	5 34	13 30	1 50	8 34	1 23	3 0	1 0	16 55	1 14	23 15	0 23	23 30	0 30	9 14	0 44	22 7	0 48	0 7	11 30	20 47	21 7	26 25		n.a.
S 20	5 10	8 7	2 52	7 49	1 18	2 28	0 58	17 10	1 14	23 16	0 23	23 29	0 30	9 12	0 44	22 7	0 47	0 6	11 30	20 48	21 8	26 25		n.a.
M21	4 46	2 15	3 46	7 5	1 12	1 56	0 56	17 24	1 15	23 17	0 23	23 29	0 30	9 11	0 44	22 7	0 47	0 5	11 30	20 49	21 9	26 25		n.a.
T 22	4 22	3s50	4 28	6 20	1 7	1 24	0 54	17 38	1 15	23 17	0 23	23 28	0 30	9 9	0 44	22 7	0 47	0 4	11 29	20 51	21 9	26 25		n.a.
W23	3 58	9 50	4 56	5 35	1 1	0 52	0 52	17 52	1 15	23 18	0 23	23 28	0 30	9 8	0 44	22 7	0 47	0 3	11 29	20 52	21 10	26 25		n.a.
T 24	3 34	15 26	5 6	4 50	0 55	0 20	0 51	18 5	1 16	23 19	0 23	23 28	0 30	9 7	0 44	22 8	0 47	0 2	11 29	20 54	21 10	26 25		n.a.
F 25	3 10	20 14	4 57	4 5	0 49	0s13	0 49	18 19	1 16	23 20	0 24	23 27	0 30	9 5	0 44	22 8	0 47	0 1	11 28	20 56	21 11	26 25		n.a.
S 26	2 46	23 52	4 30	3 20	0 43	0 45	0 47	18 32	1 16	23 21	0 24	23 27	0 31	9 4	0 44	22 8	0 47	0 0	11 28	20 57	21 12	26 25		n.a.
S 27	2 22	26 2	3 47	2 35	0 37	1 17	0 45	18 45	1 17	23 21	0 24	23 27	0 31	9 2	0 44	22 8	0 47	0s 1	11 28	20 57	21 12	26 25		n.a.
M28	1 58	26 30	2 49	1 50	0 30	1 49	0 43	18 58	1 17	23 22	0 24	23 26	0 31	9 1	0 44	22 8	0 47	0 2	11 27	20 58	21 13	26 25		n.a.
T 29	1 33	25 15	1 42	1 5	0 24	2 21	0 41	19 11	1 17	23 23	0 24	23 26	0 31	9 0	0 44	22 8	0 47	0 3	11 27	20 57	21 14	26 25		n.a.
W30	1n 9	22s26	0s29	0n20	0n17	2s53	0n38	19s24	1s17	23s24	0s24	23n26	0n31	8n58	0n44	22s 8	0n47	0s 4	11n27	20s57	21s14	26n25		n.a.

Julian Day Number = 1367373.5, Delta T = 06h53m40s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°27'29, Lahiri = -17°20'29 Julian Calendar 1 Sept. 970 BCE == Greg. Calendar 23 Aug. 970 BCE

The year -969 astronomical counting style corresponds to year 970 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 970 BCE
geocentric

OCTOBER 970 BCE (-969) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 59 12	28♍ 9'27	6♒ 3	1♎26	9♎53	21♏17	15♐36	15♋26	9♍ 9	14♐42	27♎32	27°R39	26♑10	17♊36	n.a.	T 1
F 2	0 3 9	29° 9'51	19°48	3° 2	11° 8	22° 3	15°43	15°29	9°12	14°43	27°34	27♑37	26° 7	17°43	n.a.	F 2
S 3	0 7 5	0♎10'17	3♓23	4°37	12°23	22°48	15°51	15°33	9°16	14°44	27°36	27°32	26° 4	17°49	n.a.	S 3
S 4	0 11 2	1°10'45	16°49	6°12	13°38	23°34	15°59	15°37	9°20	14°45	27°38	27°24	26° 0	17°56	n.a.	S 4
M 5	0 14 59	2°11'14	0♈ 2	7°47	14°54	24°19	16° 7	15°40	9°23	14°46	27°41	27°14	25°57	18° 3	n.a.	M 5
T 6	0 18 55	3°11'45	13° 1	9°21	16° 9	25° 5	16°16	15°44	9°27	14°47	27°43	27° 2	25°54	18° 9	n.a.	T 6
W 7	0 22 52	4°12'18	25°45	10°55	17°24	25°51	16°24	15°47	9°30	14°48	27°45	26°50	25°51	18°16	n.a.	W 7
T 8	0 26 48	5°12'52	8♉14	12°29	18°39	26°36	16°33	15°50	9°34	14°49	27°47	26°38	25°48	18°23	n.a.	T 8
F 9	0 30 45	6°13'28	20°29	14° 2	19°54	27°22	16°41	15°53	9°37	14°50	27°49	26°28	25°45	18°29	n.a.	F 9
S 10	0 34 41	7°14'07	2♊31	15°35	21° 9	28° 8	16°50	15°56	9°41	14°51	27°52	26°20	25°41	18°36	n.a.	S 10
S 11	0 38 38	8°14'47	14°24	17° 8	22°25	28°54	16°59	15°59	9°44	14°52	27°54	26°15	25°38	18°43	n.a.	S 11
M12	0 42 34	9°15'29	26°13	18°41	23°40	29°40	17° 8	16° 2	9°48	14°53	27°56	26°12	25°35	18°49	n.a.	M12
T 13	0 46 31	10°16'12	8♋ 2	20°13	24°55	0♐26	17°17	16° 5	9°51	14°54	27°58	26°D11	25°32	18°56	n.a.	T 13
W14	0 50 28	11°16'58	19°57	21°45	26°10	1°12	17°27	16° 8	9°55	14°56	28° 1	26°R11	25°29	19° 3	n.a.	W14
T 15	0 54 24	12°17'45	2♌ 4	23°17	27°25	1°58	17°36	16°10	9°58	14°57	28° 3	26°11	25°25	19° 9	n.a.	T 15
F 16	0 58 21	13°18'34	14°27	24°48	28°40	2°44	17°46	16°12	10° 1	14°58	28° 5	26°10	25°22	19°16	n.a.	F 16
S 17	1 2 17	14°19'25	27°11	26°20	29°56	3°30	17°56	16°15	10° 5	14°59	28° 7	26° 6	25°19	19°23	n.a.	S 17
S 18	1 6 14	15°20'17	10♍20	27°51	1♏11	4°16	18° 5	16°17	10° 8	15° 1	28°10	26° 0	25°16	19°29	n.a.	S 18
M19	1 10 10	16°21'10	23°54	29°22	2°26	5° 3	18°15	16°19	10°11	15° 2	28°12	25°51	25°13	19°36	n.a.	M19
T 20	1 14 7	17°22'06	7♎53	0♏52	3°41	5°49	18°25	16°21	10°14	15° 4	28°14	25°40	25°10	19°43	n.a.	T 20
W21	1 18 3	18°23'02	22°13	2°23	4°56	6°35	18°36	16°23	10°18	15° 5	28°17	25°27	25° 6	19°49	n.a.	W21
T 22	1 22 0	19°24'00	6♏46	3°53	6°11	7°22	18°46	16°25	10°21	15° 6	28°19	25°15	25° 3	19°56	n.a.	T 22
F 23	1 25 57	20°24'59	21°27	5°22	7°26	8° 8	18°56	16°26	10°24	15° 8	28°21	25° 4	25° 0	20° 3	n.a.	F 23
S 24	1 29 53	21°25'59	6♐ 6	6°51	8°42	8°54	19° 7	16°28	10°27	15° 9	28°24	24°56	24°57	20° 9	n.a.	S 24
S 25	1 33 50	22°27'00	20°39	8°20	9°57	9°41	19°17	16°29	10°30	15°11	28°26	24°51	24°54	20°16	n.a.	S 25
M26	1 37 46	23°28'02	4♑59	9°49	11°12	10°27	19°28	16°31	10°33	15°13	28°28	24°49	24°51	20°23	n.a.	M26
T 27	1 41 43	24°29'05	19° 5	11°16	12°27	11°14	19°39	16°32	10°36	15°14	28°31	24°48	24°47	20°29	n.a.	T 27
W28	1 45 39	25°30'09	2♒57	12°43	13°42	12° 0	19°50	16°33	10°39	15°16	28°33	24°48	24°44	20°36	n.a.	W28
T 29	1 49 36	26°31'13	16°35	14°10	14°57	12°47	20° 1	16°34	10°42	15°17	28°35	24°47	24°41	20°43	n.a.	T 29
F 30	1 53 32	27°32'18	29°59	15°35	16°12	13°33	20°12	16°35	10°45	15°19	28°38	24°44	24°38	20°49	n.a.	F 30
S 31	1 57 29	28♎33'23	13♓13	16♏59	17♏27	14♐20	20♐24	16♋36	10♍48	15♐21	28♎40	24♑38	24♑35	20♊56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	0n45	18s20	0n45	0s25	0n11	3s25	0n36	19s37	1s18	23s25	0s24	23n25	0n31	8n57	0n44	22s 8	0n47	0s 5	11n27	20s57	21s15	26n25			n.a.
F 2	0 20	13 17	1 55	1 9	0 4	3 57	0 34	19 49	1 18	23 26	0 24	23 25	0 31	8 55	0 44	22 9	0 47	0 6	11 26	20 58	21 15	26 25			n.a.
S 3	0s 4	7 39	2 58	1 54	0s 2	4 29	0 32	20 1	1 18	23 27	0 24	23 25	0 32	8 54	0 44	22 9	0 47	0 7	11 26	20 59	21 16	26 25			n.a.
S 4	0 29	1 45	3 51	2 38	0 9	5 1	0 30	20 13	1 18	23 28	0 24	23 24	0 32	8 53	0 44	22 9	0 47	0 8	11 26	21 0	21 17	26 25			n.a.
M 5	0 53	4n 7	4 29	3 22	0 15	5 32	0 27	20 25	1 19	23 29	0 24	23 24	0 32	8 51	0 44	22 9	0 47	0 9	11 26	21 2	21 17	26 25			n.a.
T 6	1 17	9 42	4 53	4 6	0 22	6 4	0 25	20 36	1 19	23 29	0 24	23 24	0 32	8 50	0 44	22 9	0 47	0 10	11 25	21 5	21 18	26 25			n.a.
W 7	1 42	14 47	5 2	4 49	0 28	6 35	0 23	20 48	1 19	23 30	0 24	23 24	0 32	8 49	0 44	22 9	0 47	0 11	11 25	21 7	21 18	26 25			n.a.
T 8	2 6	19 8	4 56	5 32	0 35	7 6	0 20	20 59	1 19	23 31	0 24	23 23	0 32	8 47	0 44	22 9	0 47	0 12	11 25	21 9	21 19	26 25			n.a.
F 9	2 31	22 35	4 36	6 15	0 41	7 37	0 18	21 10	1 20	23 32	0 24	23 23	0 32	8 46	0 44	22 10	0 47	0 13	11 25	21 11	21 20	26 25			n.a.
S 10	2 55	24 59	4 5	6 57	0 47	8 8	0 16	21 21	1 20	23 33	0 24	23 23	0 33	8 45	0 44	22 10	0 47	0 14	11 24	21 13	21 20	26 25			n.a.
S 11	3 19	26 14	3 23	7 39	0 54	8 39	0 13	21 31	1 20	23 34	0 24	23 23	0 33	8 43	0 44	22 10	0 47	0 15	11 24	21 14	21 21	26 25			n.a.
M12	3 43	26 17	2 32	8 21	1 0	9 10	0 11	21 42	1 20	23 35	0 24	23 23	0 33	8 42	0 44	22 10	0 47	0 16	11 24	21 14	21 21	26 24			n.a.
T 13	4 8	25 9	1 35	9 2	1 6	9 40	0 8	21 52	1 20	23 36	0 25	23 22	0 33	8 41	0 45	22 10	0 47	0 17	11 24	21 15	21 22	26 24			n.a.
W14	4 32	22 51	0 33	9 43	1 12	10 10	0 6	22 2	1 20	23 37	0 25	23 22	0 33	8 39	0 45	22 10	0 47	0 18	11 24	21 14	21 23	26 24			n.a.
T 15	4 56	19 30	0s31	10 23	1 18	10 40	0 3	22 11	1 20	23 38	0 25	23 22	0 33	8 38	0 45	22 11	0 47	0 19	11 23	21 14	21 23	26 24			n.a.
F 16	5 20	15 14	1 35	11 3	1 23	11 9	0 1	22 21	1 21	23 39	0 25	23 22	0 33	8 37	0 45	22 11	0 47	0 20	11 23	21 15	21 24	26 24			n.a.
S 17	5 44	10 12	2 36	11 42	1 29	11 39	0s 2	22 30	1 21	23 40	0 25	23 22	0 34	8 36	0 45	22 11	0 46	0 21	11 23	21 15	21 24	26 24			n.a.
S 18	6 8	4 34	3 31	12 20	1 34	12 8	0 4	22 39	1 21	23 41	0 25	23 22	0 34	8 34	0 45	22 11	0 46	0 22	11 23	21 17	21 25	26 24			n.a.
M19	6 32	1s27	4 15	12 58	1 39	12 36	0 7	22 48	1 21	23 42	0 25	23 22	0 34	8 33	0 45	22 11	0 46	0 22	11 23	21 18	21 25	26 23			n.a.
T 20	6 55	7 33	4 46	13 35	1 44	13 5	0 9	22 56	1 21	23 43	0 25	23 21	0 34	8 32	0 45	22 12	0 46	0 23	11 23	21 20	21 26	26 23			n.a.
W21	7 19	13 24	5 0	14 11	1 49	13 33	0 12	23 5	1 21	23 44	0 25	23 21	0 34	8 31	0 45	22 12	0 46	0 24	11 22	21 23	21 27	26 23			n.a.
T 22	7 42	18 36	4 54	14 47	1 54	14 1	0 14	23 13	1 21	23 45	0 25	23 21	0 34	8 30	0 45	22 12	0 46	0 25	11 22	21 25	21 27	26 23			n.a.
F 23	8 6	22 44	4 29	15 22	1 58	14 28	0 17	23 20	1 21	23 46	0 25	23 21	0 35	8 28	0 45	22 12	0 46	0 26	11 22	21 27	21 28	26 23			n.a.
S 24	8 29	25 23	3 47	15 56	2 2	14 55	0 19	23 28	1 21	23 46	0 25	23 21	0 35	8 27	0 45	22 12	0 46	0 27	11 22	21 29	21 28	26 22			n.a.
S 25	8 52	26 18	2 50	16 29	2 6	15 22	0 22	23 35	1 21	23 47	0 25	23 21	0 35	8 26	0 45	22 13	0 46	0 28	11 22	21 29	21 29	26 22			n.a.
M26	9 15	25 26	1 43	17 1	2 9	15 48	0 24	23 42	1 21	23 48	0 25	23 21	0 35	8 25	0 45	22 13	0 46	0 29	11 22	21 30	21 30	26 22			n.a.
T 27	9 38	22 56	0 30	17 32	2 12	16 14	0 27	23 49	1 21	23 49	0 25	23 21	0 35	8 24	0 45	22 13	0 46	0 30	11 22	21 30	21 30	26 22			n.a.
W28	10 1	19 6	0n43	18 2	2 15	16 39	0 29	23 56	1 21	23 50	0 25	23 21	0 35	8 23	0 45	22 13	0 46	0 31	11 22	21 30	21 31	26 21			n.a.
T 29	10 23	14 20	1 52	18 31	2 17	17 4	0 32	24 2	1 21	23 51	0 25	23 21	0 36	8 21	0 45	22 13	0 46	0 32	11 21	21 30	21 31	26 21			n.a.
F 30	10 45	8 56	2 54	18 59	2 19	17 29	0 34	24 8	1 21	23 52	0 25	23 21	0 36	8 20	0 45	22 14	0 46	0 33	11 21	21 31	21 32	26 21			n.a.
S 31	11s 8	3s14	3n46	19s25	2s21	17s53	0s36	24s13	1s21	23s53	0s26	23n21	0n36	8n19	0n45	22s14	0n46	0s34	11n21	21s32	21s32	26n21			n.a.

Julian Day Number = 1367403.5, Delta T = 06h53m39s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°27'25, Lahiri = -17°20'25 Julian Calendar 1 Oct. 970 BCE == Greg. Calendar 22 Sept. 970 BCE

The year -969 astronomical counting style corresponds to year 970 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 970 BCE
geocentric

NOVEMBER 970 BCE (-969) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 1 26	29♎34'29	26♓15	18♏22	18♏42	15♐ 7	20♐35	16♋37	10♍51	15♐22	28♎43	24°R29	24♑31	21♊ 3	n.a.	S 1
M 2	2 5 22	0♏35'36	9♈ 6	19°44	19°57	15°53	20°46	16°37	10°54	15°24	28°45	24♑18	24°28	21° 9	n.a.	M 2
T 3	2 9 19	1°36'44	21°46	21° 4	21°12	16°40	20°58	16°38	10°56	15°26	28°47	24° 4	24°25	21°16	n.a.	T 3
W 4	2 13 15	2°37'53	4♉15	22°22	22°27	17°27	21°10	16°38	10°59	15°28	28°50	23°50	24°22	21°23	n.a.	W 4
T 5	2 17 12	3°39'02	16°33	23°38	23°42	18°13	21°21	16°38	11° 2	15°29	28°52	23°36	24°19	21°29	n.a.	T 5
F 6	2 21 8	4°40'12	28°40	24°51	24°57	19° 0	21°33	16°38	11° 4	15°31	28°54	23°24	24°16	21°36	n.a.	F 6
S 7	2 25 5	5°41'23	10♊38	26° 1	26°12	19°47	21°45	16°R38	11° 7	15°33	28°57	23°14	24°12	21°43	n.a.	S 7
S 8	2 29 1	6°42'35	22°29	27° 8	27°27	20°33	21°57	16°38	11°10	15°35	28°59	23° 7	24° 9	21°49	n.a.	S 8
M 9	2 32 58	7°43'48	4♋16	28°10	28°42	21°20	22° 9	16°38	11°12	15°37	29° 1	23° 3	24° 6	21°56	n.a.	M 9
T 10	2 36 55	8°45'01	16° 4	29° 8	29°57	22° 7	22°21	16°38	11°15	15°39	29° 4	23° 1	24° 3	22° 3	n.a.	T 10
W11	2 40 51	9°46'15	27°56	0♐ 1	1♐11	22°54	22°33	16°37	11°17	15°41	29° 6	23°D 1	24° 0	22° 9	n.a.	W11
T 12	2 44 48	10°47'30	10♌ 0	0°47	2°26	23°40	22°46	16°37	11°19	15°43	29° 8	23°R 1	23°57	22°16	n.a.	T 12
F 13	2 48 44	11°48'46	22°19	1°27	3°41	24°27	22°58	16°36	11°22	15°44	29°11	23° 1	23°53	22°23	n.a.	F 13
S 14	2 52 41	12°50'03	5♍ 1	1°58	4°56	25°14	23°11	16°35	11°24	15°46	29°13	22°59	23°50	22°29	n.a.	S 14
S 15	2 56 37	13°51'20	18° 8	2°21	6°11	26° 1	23°23	16°34	11°26	15°48	29°15	22°54	23°47	22°36	n.a.	S 15
M16	3 0 34	14°52'37	1♎43	2°34	7°26	26°48	23°36	16°33	11°28	15°50	29°17	22°47	23°44	22°43	n.a.	M16
T 17	3 4 30	15°53'55	15°48	2°R37	8°41	27°34	23°48	16°32	11°31	15°52	29°20	22°37	23°41	22°49	n.a.	T 17
W18	3 8 27	16°55'14	0♏19	2°29	9°55	28°21	24° 1	16°31	11°33	15°55	29°22	22°27	23°37	22°56	n.a.	W18
T 19	3 12 24	17°56'33	15°10	2° 9	11°10	29° 8	24°14	16°30	11°35	15°57	29°24	22°16	23°34	23° 3	n.a.	T 19
F 20	3 16 20	18°57'52	0♐13	1°37	12°25	29°55	24°27	16°28	11°37	15°59	29°27	22° 7	23°31	23° 9	n.a.	F 20
S 21	3 20 17	19°59'11	15°17	0°54	13°40	0♑42	24°40	16°27	11°39	16° 1	29°29	21°59	23°28	23°16	n.a.	S 21
S 22	3 24 13	21° 0'31	0♑14	29♏59	14°54	1°29	24°53	16°25	11°41	16° 3	29°31	21°55	23°25	23°23	n.a.	S 22
M23	3 28 10	22° 1'50	14°55	28°56	16° 9	2°16	25° 6	16°23	11°43	16° 5	29°33	21°53	23°22	23°29	n.a.	M23
T 24	3 32 6	23° 3'09	29°17	27°44	17°24	3° 2	25°19	16°22	11°44	16° 7	29°35	21°D53	23°18	23°36	n.a.	T 24
W25	3 36 3	24° 4'27	13♒17	26°26	18°39	3°49	25°32	16°20	11°46	16° 9	29°38	21°54	23°15	23°43	n.a.	W25
T 26	3 40 0	25° 5'45	26°55	25° 5	19°53	4°36	25°45	16°18	11°48	16°11	29°40	21°R54	23°12	23°49	n.a.	T 26
F 27	3 43 56	26° 7'03	10♓14	23°44	21° 8	5°23	25°59	16°15	11°50	16°14	29°42	21°53	23° 9	23°56	n.a.	F 27
S 28	3 47 53	27° 8'20	23°16	22°25	22°22	6°10	26°12	16°13	11°51	16°16	29°44	21°50	23° 6	24° 3	n.a.	S 28
S 29	3 51 49	28° 9'37	6♈ 2	21°10	23°37	6°57	26°25	16°11	11°53	16°18	29°46	21°44	23° 3	24° 9	n.a.	S 29
M30	3 55 46	29♏10'53	18♈36	20♏ 2	24♐52	7♑43	26♐39	16♋ 8	11♍54	16♐20	29♎48	21♑36	22♑59	24♊16	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s30	2n31	4n25	19s50	2s21	18s17	0s39	24s19	1s21	23s54	0s26	23n21	0n36	8n18	0n45	22s14	0n46	0s35	11n21	21s33	21s33	26n20		n.a.
M 2	11 51	8 5	4 50	20 13	2 22	18 40	0 41	24 24	1 21	23 55	0 26	23 22	0 36	8 17	0 45	22 14	0 46	0 35	11 21	21 35	21 34	26 20		n.a.
T 3	12 13	13 14	5 0	20 35	2 22	19 2	0 44	24 29	1 21	23 56	0 26	23 22	0 36	8 16	0 45	22 14	0 46	0 36	11 21	21 38	21 34	26 20		n.a.
W 4	12 34	17 45	4 55	20 55	2 21	19 24	0 46	24 33	1 21	23 56	0 26	23 22	0 37	8 15	0 45	22 15	0 46	0 37	11 21	21 40	21 35	26 20		n.a.
T 5	12 56	21 27	4 37	21 13	2 19	19 46	0 48	24 38	1 21	23 57	0 26	23 22	0 37	8 14	0 45	22 15	0 46	0 38	11 21	21 43	21 35	26 19		n.a.
F 6	13 17	24 10	4 6	21 29	2 17	20 7	0 51	24 42	1 21	23 58	0 26	23 22	0 37	8 13	0 45	22 15	0 46	0 39	11 21	21 45	21 36	26 19		n.a.
S 7	13 37	25 46	3 24	21 43	2 13	20 27	0 53	24 45	1 21	23 59	0 26	23 22	0 37	8 12	0 45	22 15	0 46	0 40	11 21	21 47	21 36	26 19		n.a.
S 8	13 58	26 10	2 34	21 55	2 9	20 47	0 55	24 49	1 21	24 0	0 26	23 22	0 37	8 11	0 45	22 16	0 46	0 41	11 21	21 48	21 37	26 18		n.a.
M 9	14 18	25 22	1 38	22 5	2 4	21 7	0 57	24 52	1 21	24 1	0 26	23 23	0 37	8 10	0 45	22 16	0 46	0 41	11 21	21 49	21 38	26 18		n.a.
T 10	14 38	23 26	0 37	22 12	1 58	21 25	0 59	24 55	1 21	24 1	0 26	23 23	0 38	8 9	0 45	22 16	0 46	0 42	11 21	21 49	21 38	26 18		n.a.
W11	14 58	20 28	0s26	22 16	1 51	21 43	1 2	24 58	1 21	24 2	0 26	23 23	0 38	8 8	0 45	22 16	0 46	0 43	11 21	21 49	21 39	26 17		n.a.
T 12	15 18	16 35	1 29	22 18	1 42	22 1	1 4	25 0	1 21	24 3	0 26	23 23	0 38	8 8	0 45	22 16	0 46	0 44	11 21	21 49	21 39	26 17		n.a.
F 13	15 37	11 56	2 29	22 17	1 33	22 18	1 6	25 2	1 20	24 4	0 26	23 23	0 38	8 7	0 45	22 17	0 46	0 45	11 21	21 49	21 40	26 17		n.a.
S 14	15 56	6 40	3 24	22 13	1 22	22 34	1 8	25 4	1 20	24 4	0 26	23 24	0 38	8 6	0 45	22 17	0 46	0 45	11 21	21 49	21 40	26 16		n.a.
S 15	16 15	0 57	4 10	22 5	1 9	22 49	1 10	25 5	1 20	24 5	0 26	23 24	0 38	8 5	0 45	22 17	0 46	0 46	11 21	21 50	21 41	26 16		n.a.
M16	16 33	5s 1	4 43	21 54	0 55	23 4	1 12	25 6	1 20	24 6	0 26	23 24	0 39	8 4	0 45	22 17	0 46	0 47	11 21	21 51	21 41	26 16		n.a.
T 17	16 51	10 55	5 1	21 40	0 40	23 18	1 14	25 7	1 20	24 6	0 27	23 25	0 39	8 3	0 45	22 18	0 46	0 48	11 21	21 53	21 42	26 15		n.a.
W18	17 9	16 26	5 0	21 22	0 24	23 32	1 16	25 8	1 20	24 7	0 27	23 25	0 39	8 3	0 46	22 18	0 46	0 49	11 21	21 55	21 43	26 15		n.a.
T 19	17 27	21 5	4 40	21 0	0 6	23 45	1 17	25 8	1 20	24 8	0 27	23 25	0 39	8 2	0 46	22 18	0 46	0 49	11 21	21 56	21 43	26 14		n.a.
F 20	17 44	24 24	3 59	20 36	0n13	23 57	1 19	25 8	1 19	24 8	0 27	23 26	0 39	8 1	0 46	22 18	0 45	0 50	11 21	21 58	21 44	26 14		n.a.
S 21	18 1	26 0	3 2	20 7	0 33	24 8	1 21	25 8	1 19	24 9	0 27	23 26	0 39	8 0	0 46	22 19	0 45	0 51	11 21	21 59	21 44	26 14		n.a.
S 22	18 17	25 42	1 53	19 36	0 53	24 19	1 23	25 7	1 19	24 10	0 27	23 26	0 39	8 0	0 46	22 19	0 45	0 52	11 21	22 0	21 45	26 13		n.a.
M23	18 34	23 35	0 37	19 3	1 13	24 28	1 24	25 6	1 19	24 10	0 27	23 27	0 40	7 59	0 46	22 19	0 45	0 52	11 21	22 0	21 45	26 13		n.a.
T 24	18 49	19 58	0n40	18 27	1 33	24 38	1 26	25 5	1 19	24 11	0 27	23 27	0 40	7 58	0 46	22 19	0 45	0 53	11 21	22 0	21 46	26 12		n.a.
W25	19 5	15 18	1 52	17 51	1 52	24 46	1 27	25 4	1 18	24 11	0 27	23 27	0 40	7 58	0 46	22 20	0 45	0 54	11 21	22 0	21 46	26 12		n.a.
T 26	19 20	9 58	2 56	17 15	2 9	24 54	1 29	25 2	1 18	24 12	0 27	23 28	0 40	7 57	0 46	22 20	0 45	0 54	11 21	22 0	21 47	26 11		n.a.
F 27	19 35	4 19	3 49	16 39	2 25	25 0	1 30	25 0	1 18	24 12	0 27	23 28	0 40	7 56	0 46	22 20	0 45	0 55	11 21	22 0	21 47	26 11		n.a.
S 28	19 49	1n24	4 29	16 6	2 39	25 6	1 31	24 58	1 18	24 13	0 27	23 29	0 40	7 56	0 46	22 20	0 45	0 56	11 21	22 1	21 48	26 11		n.a.
S 29	20 4	6 56	4 55	15 36	2 50	25 12	1 33	24 55	1 17	24 13	0 27	23 29	0 41	7 55	0 46	22 21	0 45	0 56	11 21	22 2	21 49	26 10		n.a.
M30	20s17	12n 6	5n 6	15s 9	2n59	25s16	1s34	24s52	1s17	24s14	0s27	23n30	0n41	7n55	0n46	22s21	0n45	0s57	11n22	22s 3	21s49	26n10		n.a.

Julian Day Number = 1367434.5, Delta T = 06h53m37s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°27'21, Lahiri = -17°20'21 Julian Calendar 1 Nov. 970 BCE == Greg. Calendar 23 Oct. 970 BCE

The year -969 astronomical counting style corresponds to year 970 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 970 BCE
geocentric

DECEMBER 970 BCE (-969) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 59 42	0♐12'09	0♉59	19°R 2	26♐ 6	8♑30	26♐52	16°R 6	11♍56	16♐22	29♎50	21°R27	22♑56	24♊23	n.a.	T 1
W 2	4 3 39	1°13'24	13°12	18♏12	27°21	9°17	27° 6	16♋ 3	11°57	16°24	29°53	21♑16	22°53	24°29	n.a.	W 2
T 3	4 7 35	2°14'40	25°18	17°31	28°35	10° 4	27°20	16° 0	11°59	16°27	29°55	21° 6	22°50	24°36	n.a.	T 3
F 4	4 11 32	3°15'54	7♊16	17° 0	29°50	10°51	27°33	15°58	12° 0	16°29	29°57	20°58	22°47	24°43	n.a.	F 4
S 5	4 15 29	4°17'09	19° 9	16°39	1♑ 4	11°37	27°47	15°55	12° 1	16°31	29°59	20°51	22°43	24°49	n.a.	S 5
S 6	4 19 25	5°18'22	0♋57	16°28	2°18	12°24	28° 1	15°52	12° 2	16°33	0♏ 1	20°46	22°40	24°56	n.a.	S 6
M 7	4 23 22	6°19'36	12°45	16°D25	3°33	13°11	28°14	15°49	12° 3	16°36	0° 3	20°44	22°37	25° 3	n.a.	M 7
T 8	4 27 18	7°20'49	24°33	16°32	4°47	13°58	28°28	15°45	12° 5	16°38	0° 5	20°D44	22°34	25° 9	n.a.	T 8
W 9	4 31 15	8°22'02	6♌27	16°46	6° 1	14°44	28°42	15°42	12° 6	16°40	0° 7	20°45	22°31	25°16	n.a.	W 9
T 10	4 35 11	9°23'14	18°30	17° 7	7°16	15°31	28°56	15°39	12° 7	16°42	0° 9	20°46	22°28	25°23	n.a.	T 10
F 11	4 39 8	10°24'26	0♍48	17°35	8°30	16°18	29°10	15°35	12° 7	16°45	0°11	20°48	22°24	25°29	n.a.	F 11
S 12	4 43 5	11°25'37	13°24	18° 9	9°44	17° 4	29°24	15°32	12° 8	16°47	0°12	20°R48	22°21	25°36	n.a.	S 12
S 13	4 47 1	12°26'48	26°24	18°48	10°58	17°51	29°38	15°28	12° 9	16°49	0°14	20°47	22°18	25°43	n.a.	S 13
M14	4 50 58	13°27'58	9♎52	19°32	12°13	18°38	29°52	15°25	12°10	16°51	0°16	20°45	22°15	25°49	n.a.	M14
T 15	4 54 54	14°29'08	23°49	20°20	13°27	19°24	0♑ 6	15°21	12°11	16°54	0°18	20°40	22°12	25°56	n.a.	T 15
W16	4 58 51	15°30'17	8♏14	21°12	14°41	20°11	0°20	15°17	12°11	16°56	0°20	20°35	22° 8	26° 3	n.a.	W16
T 17	5 2 47	16°31'26	23° 4	22° 8	15°55	20°58	0°34	15°13	12°12	16°58	0°22	20°30	22° 5	26° 9	n.a.	T 17
F 18	5 6 44	17°32'34	8♐11	23° 7	17° 9	21°44	0°48	15° 9	12°12	17° 1	0°23	20°25	22° 2	26°16	n.a.	F 18
S 19	5 10 40	18°33'41	23°27	24° 9	18°23	22°31	1° 2	15° 5	12°13	17° 3	0°25	20°21	21°59	26°23	n.a.	S 19
S 20	5 14 37	19°34'47	8♑39	25°13	19°37	23°17	1°16	15° 1	12°13	17° 5	0°27	20°19	21°56	26°29	n.a.	S 20
M21	5 18 34	20°35'52	23°40	26°20	20°51	24° 4	1°31	14°57	12°14	17° 7	0°29	20°D19	21°53	26°36	n.a.	M21
T 22	5 22 30	21°36'55	8♒21	27°29	22° 5	24°50	1°45	14°53	12°14	17°10	0°30	20°20	21°49	26°43	n.a.	T 22
W23	5 26 27	22°37'57	22°37	28°40	23°18	25°37	1°59	14°48	12°14	17°12	0°32	20°21	21°46	26°49	n.a.	W23
T 24	5 30 23	23°38'58	6♓28	29°53	24°32	26°23	2°13	14°44	12°14	17°14	0°34	20°23	21°43	26°56	n.a.	T 24
F 25	5 34 20	24°39'57	19°53	1♐ 7	25°46	27°10	2°27	14°40	12°14	17°16	0°35	20°R23	21°40	27° 3	n.a.	F 25
S 26	5 38 16	25°40'54	2♈55	2°23	27° 0	27°56	2°42	14°35	12°14	17°19	0°37	20°23	21°37	27° 9	n.a.	S 26
S 27	5 42 13	26°41'50	15°37	3°41	28°13	28°42	2°56	14°31	12°R15	17°21	0°38	20°22	21°34	27°16	n.a.	S 27
M28	5 46 10	27°42'45	28° 3	5° 0	29°27	29°29	3°10	14°26	12°14	17°23	0°40	20°20	21°30	27°23	n.a.	M28
T 29	5 50 6	28°43'38	10♉15	6°20	0♒41	0♒15	3°25	14°22	12°14	17°25	0°41	20°16	21°27	27°29	n.a.	T 29
W30	5 54 3	29°44'29	22°18	7°41	1°54	1° 1	3°39	14°17	12°14	17°28	0°43	20°13	21°24	27°36	n.a.	W30
T 31	5 57 59	0♑45'19	4♊14	9♐ 3	3♒ 7	1♒47	3♑53	14♋12	12♍14	17♐30	0♏44	20♑ 9	21♑21	27♊43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20s31	16n42	5n 2	14s46	3n 6	25s20	1s35	24s49	1s17	24s14	0s28	23n30	0n41	7n54	0n46	22s21	0n45	0s58	11n22	22s 4	21s50	26n 9			n.a.
W 2	20 43	20 33	4 44	14 28	3 11	25 23	1 36	24 45	1 17	24 14	0 28	23 31	0 41	7 54	0 46	22 21	0 45	0 58	11 22	22 6	21 50	26 9			n.a.
T 3	20 56	23 29	4 14	14 14	3 13	25 25	1 37	24 42	1 16	24 15	0 28	23 31	0 41	7 53	0 46	22 22	0 45	0 59	11 22	22 8	21 51	26 8			n.a.
F 4	21 8	25 21	3 33	14 5	3 14	25 27	1 38	24 37	1 16	24 15	0 28	23 32	0 41	7 53	0 46	22 22	0 45	0 59	11 22	22 9	21 51	26 8			n.a.
S 5	21 20	26 3	2 42	14 0	3 12	25 27	1 39	24 33	1 16	24 15	0 28	23 32	0 42	7 52	0 46	22 22	0 45	1 0	11 22	22 10	21 52	26 7			n.a.
S 6	21 31	25 34	1 45	13 59	3 10	25 27	1 40	24 29	1 15	24 16	0 28	23 33	0 42	7 52	0 46	22 22	0 45	1 1	11 22	22 11	21 52	26 7			n.a.
M 7	21 42	23 54	0 43	14 3	3 6	25 26	1 40	24 24	1 15	24 16	0 28	23 33	0 42	7 51	0 46	22 23	0 45	1 1	11 22	22 11	21 53	26 6			n.a.
T 8	21 53	21 12	0s21	14 9	3 1	25 25	1 41	24 18	1 15	24 16	0 28	23 34	0 42	7 51	0 46	22 23	0 45	1 2	11 23	22 11	21 53	26 6			n.a.
W 9	22 3	17 35	1 24	14 19	2 55	25 22	1 42	24 13	1 15	24 16	0 28	23 34	0 42	7 51	0 46	22 23	0 45	1 2	11 23	22 11	21 54	26 5			n.a.
T 10	22 12	13 13	2 25	14 31	2 48	25 19	1 42	24 7	1 14	24 17	0 28	23 35	0 42	7 50	0 46	22 23	0 45	1 3	11 23	22 11	21 54	26 5			n.a.
F 11	22 21	8 14	3 21	14 46	2 41	25 15	1 43	24 1	1 14	24 17	0 28	23 35	0 42	7 50	0 46	22 24	0 45	1 3	11 23	22 10	21 55	26 4			n.a.
S 12	22 30	2 49	4 8	15 3	2 33	25 10	1 43	23 55	1 14	24 17	0 28	23 36	0 43	7 50	0 46	22 24	0 45	1 4	11 23	22 10	21 56	26 3			n.a.
S 13	22 38	2s53	4 44	15 22	2 25	25 4	1 43	23 49	1 13	24 17	0 28	23 36	0 43	7 49	0 47	22 24	0 45	1 4	11 23	22 11	21 56	26 3			n.a.
M14	22 46	8 39	5 6	15 42	2 17	24 58	1 44	23 42	1 13	24 17	0 29	23 37	0 43	7 49	0 47	22 24	0 45	1 5	11 24	22 11	21 57	26 2			n.a.
T 15	22 54	14 11	5 11	16 3	2 8	24 51	1 44	23 35	1 12	24 17	0 29	23 38	0 43	7 49	0 47	22 24	0 45	1 5	11 24	22 12	21 57	26 2			n.a.
W16	23 1	19 8	4 57	16 25	1 59	24 43	1 44	23 27	1 12	24 17	0 29	23 38	0 43	7 49	0 47	22 25	0 45	1 6	11 24	22 12	21 58	26 1			n.a.
T 17	23 7	23 4	4 23	16 49	1 50	24 34	1 44	23 20	1 12	24 17	0 29	23 39	0 43	7 48	0 47	22 25	0 45	1 6	11 24	22 13	21 58	26 1			n.a.
F 18	23 13	25 28	3 30	17 12	1 41	24 25	1 44	23 12	1 11	24 17	0 29	23 39	0 44	7 48	0 47	22 25	0 45	1 6	11 24	22 14	21 59	26 0			n.a.
S 19	23 19	26 0	2 22	17 37	1 32	24 14	1 44	23 4	1 11	24 17	0 29	23 40	0 44	7 48	0 47	22 25	0 45	1 7	11 24	22 15	21 59	25 59			n.a.
S 20	23 24	24 35	1 4	18 1	1 23	24 3	1 43	22 56	1 11	24 17	0 29	23 41	0 44	7 48	0 47	22 26	0 45	1 7	11 25	22 15	22 0	25 59			n.a.
M21	23 28	21 24	0n18	18 26	1 14	23 52	1 43	22 47	1 10	24 17	0 29	23 41	0 44	7 48	0 47	22 26	0 45	1 8	11 25	22 15	22 0	25 58			n.a.
T 22	23 32	16 54	1 37	18 51	1 5	23 40	1 43	22 38	1 10	24 17	0 29	23 42	0 44	7 48	0 47	22 26	0 45	1 8	11 25	22 15	22 1	25 57			n.a.
W23	23 36	11 32	2 48	19 16	0 56	23 27	1 42	22 29	1 9	24 17	0 29	23 42	0 44	7 48	0 47	22 26	0 45	1 8	11 25	22 15	22 1	25 57			n.a.
T 24	23 39	5 46	3 47	19 40	0 47	23 13	1 42	22 20	1 9	24 17	0 29	23 43	0 44	7 48	0 47	22 27	0 45	1 9	11 25	22 14	22 2	25 56			n.a.
F 25	23 42	0n 5	4 31	20 4	0 39	22 59	1 41	22 10	1 9	24 17	0 29	23 44	0 45	7 48	0 47	22 27	0 45	1 9	11 26	22 14	22 2	25 56			n.a.
S 26	23 44	5 45	5 0	20 28	0 30	22 43	1 40	22 1	1 8	24 17	0 30	23 44	0 45	7 48	0 47	22 27	0 45	1 9	11 26	22 14	22 3	25 55			n.a.
S 27	23 46	11 3	5 14	20 52	0 22	22 28	1 40	21 51	1 8	24 16	0 30	23 45	0 45	7 48	0 47	22 27	0 45	1 10	11 26	22 14	22 3	25 54			n.a.
M28	23 47	15 47	5 12	21 15	0 13	22 11	1 39	21 40	1 7	24 16	0 30	23 46	0 45	7 48	0 47	22 27	0 45	1 10	11 26	22 15	22 4	25 54			n.a.
T 29	23 48	19 47	4 56	21 37	0 5	21 54	1 38	21 30	1 7	24 16	0 30	23 46	0 45	7 48	0 47	22 28	0 45	1 10	11 27	22 15	22 4	25 53			n.a.
W30	23 49	22 55	4 27	21 59	0s 3	21 37	1 37	21 19	1 6	24 16	0 30	23 47	0 45	7 48	0 47	22 28	0 45	1 11	11 27	22 16	22 5	25 52			n.a.
T 31	23s49	25n 2	3n47	22s20	0s11	21s19	1s36	21s 9	1s 6	24s15	0s30	23n47	0n45	7n48	0n47	22s28	0n45	1s11	11n27	22s16	22s 5	25n52			n.a.

Julian Day Number = 1367464.5, Delta T = 06h53m36s
Ecliptic obliquity = 23°48'43, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°27'17, Lahiri = -17°20'16 Julian Calendar 1 Dec. 970 BCE == Greg. Calendar 22 Nov. 970 BCE

The year -969 astronomical counting style corresponds to year 970 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 969 BCE
geocentric

JANUARY 969 BCE (-968) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 1 56	1♉46'08	16♊ 5	10♐27	4♒21	2♒34	4♉ 8	14°R 8	12°R14	17♐32	0♏45	20°R 6	21♉18	27♊49	n.a.	F 1
S 2	6 5 52	2°46'55	27°54	11°52	5°34	3°20	4°22	14♋ 3	12♍13	17°34	0°47	20♉ 4	21°15	27°56	n.a.	S 2
S 3	6 9 49	3°47'40	9♋42	13°17	6°47	4° 6	4°36	13°58	12°13	17°37	0°48	20° 3	21°11	28° 3	n.a.	S 3
M 4	6 13 45	4°48'24	21°32	14°44	8° 1	4°52	4°51	13°54	12°13	17°39	0°50	20°D 3	21° 8	28° 9	n.a.	M 4
T 5	6 17 42	5°49'06	3♌26	16°11	9°14	5°38	5° 5	13°49	12°12	17°41	0°51	20° 3	21° 5	28°16	n.a.	T 5
W 6	6 21 39	6°49'47	15°27	17°40	10°27	6°24	5°19	13°44	12°12	17°43	0°52	20° 4	21° 2	28°22	n.a.	W 6
T 7	6 25 35	7°50'27	27°37	19° 9	11°40	7°10	5°33	13°39	12°11	17°45	0°53	20° 5	20°59	28°29	n.a.	T 7
F 8	6 29 32	8°51'05	9♍59	20°40	12°53	7°56	5°48	13°35	12°10	17°48	0°54	20° 7	20°55	28°36	n.a.	F 8
S 9	6 33 28	9°51'42	22°37	22°11	14° 6	8°42	6° 2	13°30	12°10	17°50	0°56	20° 7	20°52	28°42	n.a.	S 9
S 10	6 37 25	10°52'17	5♎35	23°43	15°19	9°28	6°16	13°25	12° 9	17°52	0°57	20°R 8	20°49	28°49	n.a.	S 10
M11	6 41 21	11°52'51	18°55	25°16	16°31	10°14	6°31	13°20	12° 8	17°54	0°58	20° 8	20°46	28°56	n.a.	M11
T 12	6 45 18	12°53'23	2♏40	26°50	17°44	11° 0	6°45	13°15	12° 7	17°56	0°59	20° 7	20°43	29° 2	n.a.	T 12
W13	6 49 14	13°53'55	16°50	28°25	18°57	11°45	6°59	13°10	12° 6	17°58	1° 0	20° 7	20°40	29° 9	n.a.	W13
T 14	6 53 11	14°54'24	1♐24	0♑ 1	20° 9	12°31	7°14	13° 5	12° 5	18° 0	1° 1	20° 6	20°36	29°16	n.a.	T 14
F 15	6 57 8	15°54'53	16°17	1°37	21°22	13°17	7°28	13° 1	12° 4	18° 2	1° 2	20° 6	20°33	29°22	n.a.	F 15
S 16	7 1 4	16°55'19	1♑23	3°15	22°34	14° 3	7°42	12°56	12° 3	18° 4	1° 3	20° 5	20°30	29°29	n.a.	S 16
S 17	7 5 1	17°55'44	16°33	4°54	23°46	14°48	7°56	12°51	12° 2	18° 6	1° 4	20°D 5	20°27	29°36	n.a.	S 17
M18	7 8 57	18°56'07	1♒38	6°33	24°59	15°34	8°11	12°46	12° 1	18° 9	1° 5	20° 5	20°24	29°42	n.a.	M18
T 19	7 12 54	19°56'28	16°29	8°14	26°11	16°19	8°25	12°41	12° 0	18°11	1° 5	20°R 5	20°21	29°49	n.a.	T 19
W20	7 16 50	20°56'47	0♓58	9°55	27°23	17° 5	8°39	12°37	11°59	18°13	1° 6	20° 5	20°17	29°56	n.a.	W20
T 21	7 20 47	21°57'03	15° 2	11°38	28°35	17°50	8°53	12°32	11°57	18°14	1° 7	20° 5	20°14	0♋ 2	n.a.	T 21
F 22	7 24 43	22°57'18	28°38	13°21	29°47	18°36	9° 7	12°27	11°56	18°16	1° 8	20° 5	20°11	0° 9	n.a.	F 22
S 23	7 28 40	23°57'30	11♈48	15° 6	0♓59	19°21	9°21	12°22	11°55	18°18	1° 8	20° 5	20° 8	0°16	n.a.	S 23
S 24	7 32 37	24°57'40	24°34	16°51	2°10	20° 7	9°35	12°18	11°53	18°20	1° 9	20°D 5	20° 5	0°22	n.a.	S 24
M25	7 36 33	25°57'48	7♉ 0	18°38	3°22	20°52	9°50	12°13	11°52	18°22	1°10	20° 5	20° 1	0°29	n.a.	M25
T 26	7 40 30	26°57'53	19°10	20°25	4°34	21°37	10° 4	12° 8	11°50	18°24	1°10	20° 5	19°58	0°36	n.a.	T 26
W27	7 44 26	27°57'56	1♊ 8	22°14	5°45	22°22	10°18	12° 4	11°49	18°26	1°11	20° 6	19°55	0°42	n.a.	W27
T 28	7 48 23	28°57'57	12°59	24° 4	6°56	23° 8	10°32	11°59	11°47	18°28	1°11	20° 7	19°52	0°49	n.a.	T 28
F 29	7 52 19	29°57'56	24°47	25°54	8° 8	23°53	10°45	11°55	11°45	18°30	1°12	20° 8	19°49	0°56	n.a.	F 29
S 30	7 56 16	0♒57'53	6♋34	27°46	9°19	24°38	10°59	11°50	11°44	18°31	1°12	20° 8	19°46	1° 2	n.a.	S 30
S 31	8 0 12	1♒57'47	18♋25	29♉39	10♓30	25♒23	11♉13	11♋46	11♍42	18♐33	1♏13	20°R 9	19♉42	1♋ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s48	26n 0	2n57	22s40	0s18	21s 0	1s34	20s57	1s 6	24s15	0s30	23n48	0n45	7n48	0n47	22s28	0n45	1s11	11n27	22s17	22s 6	25n51		n.a.
S 2	23 47	25 47	2 0	22 59	0 26	20 41	1 33	20 46	1 5	24 15	0 30	23 49	0 46	7 48	0 47	22 29	0 45	1 11	11 28	22 17	22 6	25 50		n.a.
S 3	23 45	24 24	0 57	23 18	0 33	20 21	1 32	20 35	1 5	24 14	0 30	23 49	0 46	7 49	0 47	22 29	0 45	1 11	11 28	22 17	22 7	25 49		n.a.
M 4	23 43	21 55	0s 8	23 35	0 40	20 0	1 30	20 23	1 4	24 14	0 30	23 50	0 46	7 49	0 47	22 29	0 45	1 12	11 28	22 17	22 7	25 49		n.a.
T 5	23 41	18 30	1 14	23 52	0 47	19 39	1 29	20 11	1 4	24 13	0 31	23 51	0 46	7 49	0 47	22 29	0 45	1 12	11 28	22 17	22 8	25 48		n.a.
W 6	23 38	14 17	2 16	24 7	0 53	19 17	1 27	19 59	1 3	24 13	0 31	23 51	0 46	7 49	0 48	22 29	0 45	1 12	11 29	22 17	22 8	25 47		n.a.
T 7	23 35	9 28	3 14	24 21	1 0	18 55	1 26	19 47	1 3	24 12	0 31	23 52	0 46	7 50	0 48	22 30	0 45	1 12	11 29	22 17	22 9	25 47		n.a.
F 8	23 31	4 12	4 3	24 34	1 6	18 33	1 24	19 34	1 2	24 12	0 31	23 52	0 46	7 50	0 48	22 30	0 45	1 12	11 29	22 17	22 9	25 46		n.a.
S 9	23 26	1s20	4 42	24 46	1 12	18 10	1 22	19 22	1 2	24 11	0 31	23 53	0 46	7 50	0 48	22 30	0 45	1 12	11 29	22 17	22 10	25 45		n.a.
S 10	23 22	6 56	5 8	24 57	1 17	17 46	1 20	19 9	1 1	24 11	0 31	23 54	0 46	7 51	0 48	22 30	0 45	1 13	11 30	22 17	22 10	25 44		n.a.
M11	23 16	12 24	5 18	25 6	1 22	17 22	1 18	18 56	1 1	24 10	0 31	23 54	0 47	7 51	0 48	22 30	0 45	1 13	11 30	22 17	22 11	25 44		n.a.
T 12	23 11	17 25	5 10	25 14	1 28	16 58	1 16	18 43	1 0	24 9	0 31	23 55	0 47	7 51	0 48	22 31	0 45	1 13	11 30	22 17	22 11	25 43		n.a.
W13	23 4	21 39	4 44	25 20	1 32	16 33	1 14	18 29	1 0	24 9	0 31	23 55	0 47	7 52	0 48	22 31	0 45	1 13	11 31	22 17	22 12	25 42		n.a.
T 14	22 58	24 39	3 59	25 25	1 37	16 7	1 12	18 16	0 59	24 8	0 32	23 56	0 47	7 52	0 48	22 31	0 45	1 13	11 31	22 17	22 12	25 41		n.a.
F 15	22 51	26 2	2 57	25 29	1 41	15 42	1 9	18 2	0 59	24 7	0 32	23 57	0 47	7 52	0 48	22 31	0 45	1 13	11 31	22 17	22 13	25 40		n.a.
S 16	22 43	25 30	1 42	25 31	1 45	15 15	1 7	17 48	0 58	24 7	0 32	23 57	0 47	7 53	0 48	22 31	0 45	1 13	11 31	22 17	22 13	25 40		n.a.
S 17	22 35	23 6	0 20	25 31	1 48	14 49	1 4	17 34	0 58	24 6	0 32	23 58	0 47	7 53	0 48	22 32	0 45	1 13	11 32	22 17	22 14	25 39		n.a.
M18	22 27	19 4	1n 4	25 30	1 51	14 22	1 2	17 20	0 57	24 5	0 32	23 58	0 47	7 54	0 48	22 32	0 45	1 13	11 32	22 17	22 14	25 38		n.a.
T 19	22 18	13 54	2 22	25 27	1 54	13 55	0 59	17 5	0 57	24 4	0 32	23 59	0 47	7 54	0 48	22 32	0 45	1 13	11 32	22 17	22 15	25 37		n.a.
W20	22 9	8 3	3 28	25 22	1 56	13 27	0 57	16 51	0 56	24 4	0 32	23 59	0 47	7 55	0 48	22 32	0 45	1 13	11 33	22 17	22 15	25 36		n.a.
T 21	21 59	1 59	4 20	25 15	1 58	12 59	0 54	16 36	0 56	24 3	0 32	24 0	0 48	7 55	0 48	22 32	0 45	1 13	11 33	22 17	22 16	25 36		n.a.
F 22	21 49	3n58	4 56	25 7	2 0	12 31	0 51	16 22	0 55	24 2	0 32	24 1	0 48	7 56	0 48	22 32	0 45	1 13	11 33	22 17	22 16	25 35		n.a.
S 23	21 39	9 33	5 15	24 57	2 1	12 3	0 48	16 7	0 55	24 1	0 33	24 1	0 48	7 57	0 48	22 33	0 45	1 13	11 33	22 17	22 17	25 34		n.a.
S 24	21 28	14 34	5 17	24 45	2 2	11 34	0 45	15 52	0 54	24 0	0 33	24 2	0 48	7 57	0 48	22 33	0 45	1 13	11 34	22 17	22 17	25 33		n.a.
M25	21 17	18 50	5 4	24 30	2 2	11 5	0 42	15 36	0 54	23 59	0 33	24 2	0 48	7 58	0 48	22 33	0 45	1 13	11 34	22 17	22 18	25 32		n.a.
T 26	21 5	22 14	4 38	24 14	2 2	10 36	0 39	15 21	0 53	23 58	0 33	24 3	0 48	7 58	0 48	22 33	0 45	1 13	11 34	22 17	22 18	25 31		n.a.
W27	20 53	24 37	4 0	23 56	2 1	10 6	0 36	15 6	0 53	23 57	0 33	24 3	0 48	7 59	0 48	22 33	0 45	1 13	11 35	22 17	22 18	25 30		n.a.
T 28	20 41	25 53	3 12	23 36	2 0	9 36	0 33	14 50	0 52	23 56	0 33	24 4	0 48	8 0	0 48	22 33	0 45	1 13	11 35	22 17	22 19	25 30		n.a.
F 29	20 28	25 59	2 16	23 14	1 59	9 7	0 30	14 35	0 51	23 55	0 33	24 4	0 48	8 0	0 48	22 34	0 45	1 12	11 35	22 17	22 19	25 29		n.a.
S 30	20 15	24 53	1 15	22 50	1 56	8 36	0 26	14 19	0 51	23 54	0 33	24 5	0 48	8 1	0 48	22 34	0 45	1 12	11 36	22 16	22 20	25 28		n.a.
S 31	20s 2	22n41	0n10	22s24	1s54	8s 6	0s23	14s 3	0s50	23s53	0s34	24n 5	0n48	8n 2	0n48	22s34	0n45	1s12	11n36	22s16	22s20	25n27		n.a.

Julian Day Number = 1367495.5, Delta T = 06h53m34s
Ecliptic obliquity = 23°48'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°27'13, Lahiri = -17°20'12 Julian Calendar 1 Jan. 969 BCE == Greg. Calendar 23 Dec. 970 BCE

The year -968 astronomical counting style corresponds to year 969 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 969 BCE
geocentric

FEBRUARY 969 BCE (-968) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 4 9	2♒57'39	0♌21	1♒33	11♓41	26♒ 8	11♉27	11°R42	11°R40	18♐35	1♏13	20°R 9	19♉39	1♋16	n.a.	M 1
T 2	8 8 6	3°57'29	12°25	3°28	12°52	26°53	11°41	11♋37	11♍38	18°37	1°13	20♉ 8	19°36	1°22	n.a.	T 2
W 3	8 12 2	4°57'17	24°38	5°24	14° 2	27°38	11°55	11°33	11°36	18°39	1°14	20° 6	19°33	1°29	n.a.	W 3
T 4	8 15 59	5°57'03	7♍ 2	7°21	15°13	28°23	12° 8	11°29	11°35	18°40	1°14	20° 4	19°30	1°35	n.a.	T 4
F 5	8 19 55	6°56'47	19°38	9°18	16°23	29° 7	12°22	11°25	11°33	18°42	1°14	20° 1	19°26	1°42	n.a.	F 5
S 6	8 23 52	7°56'29	2♎28	11°16	17°34	29°52	12°36	11°21	11°31	18°44	1°15	19°59	19°23	1°49	n.a.	S 6
S 7	8 27 48	8°56'09	15°33	13°15	18°44	0♓37	12°49	11°17	11°29	18°45	1°15	19°57	19°20	1°55	n.a.	S 7
M 8	8 31 45	9°55'47	28°54	15°14	19°54	1°22	13° 3	11°13	11°27	18°47	1°15	19°55	19°17	2° 2	n.a.	M 8
T 9	8 35 41	10°55'24	12♏34	17°14	21° 4	2° 6	13°16	11° 9	11°24	18°48	1°15	19°D55	19°14	2° 9	n.a.	T 9
W10	8 39 38	11°54'58	26°31	19°13	22°14	2°51	13°30	11° 5	11°22	18°50	1°15	19°56	19°11	2°15	n.a.	W10
T 11	8 43 35	12°54'31	10♐47	21°12	23°23	3°35	13°43	11° 1	11°20	18°51	1°15	19°57	19° 7	2°22	n.a.	T 11
F 12	8 47 31	13°54'02	25°18	23°11	24°33	4°20	13°57	10°57	11°18	18°53	1°R15	19°58	19° 4	2°29	n.a.	F 12
S 13	8 51 28	14°53'31	10♑ 2	25° 9	25°42	5° 4	14°10	10°54	11°16	18°54	1°15	19°59	19° 1	2°35	n.a.	S 13
S 14	8 55 24	15°52'58	24°53	27° 6	26°52	5°49	14°23	10°50	11°14	18°56	1°15	20°R 0	18°58	2°42	n.a.	S 14
M15	8 59 21	16°52'23	9♒44	29° 1	28° 1	6°33	14°37	10°47	11°11	18°57	1°15	19°58	18°55	2°49	n.a.	M15
T 16	9 3 17	17°51'46	24°27	0♓55	29°10	7°17	14°50	10°43	11° 9	18°59	1°15	19°56	18°52	2°55	n.a.	T 16
W17	9 7 14	18°51'06	8♓54	2°46	0♈19	8° 2	15° 3	10°40	11° 7	19° 0	1°15	19°52	18°48	3° 2	n.a.	W17
T 18	9 11 10	19°50'24	23° 1	4°34	1°27	8°46	15°16	10°37	11° 5	19° 1	1°15	19°48	18°45	3° 9	n.a.	T 18
F 19	9 15 7	20°49'40	6♈43	6°20	2°36	9°30	15°29	10°34	11° 2	19° 3	1°14	19°43	18°42	3°15	n.a.	F 19
S 20	9 19 3	21°48'53	19°59	8° 1	3°44	10°14	15°42	10°31	11° 0	19° 4	1°14	19°39	18°39	3°22	n.a.	S 20
S 21	9 23 0	22°48'04	2♉51	9°39	4°52	10°58	15°55	10°28	10°57	19° 5	1°14	19°36	18°36	3°29	n.a.	S 21
M22	9 26 57	23°47'12	15°20	11°12	6° 0	11°42	16° 8	10°25	10°55	19° 7	1°13	19°34	18°32	3°35	n.a.	M22
T 23	9 30 53	24°46'18	27°32	12°41	7° 8	12°26	16°20	10°22	10°53	19° 8	1°13	19°D33	18°29	3°42	n.a.	T 23
W24	9 34 50	25°45'22	9♊30	14° 4	8°16	13°10	16°33	10°19	10°50	19° 9	1°13	19°34	18°26	3°49	n.a.	W24
T 25	9 38 46	26°44'23	21°20	15°22	9°23	13°54	16°46	10°17	10°48	19°10	1°12	19°36	18°23	3°55	n.a.	T 25
F 26	9 42 43	27°43'22	3♋ 8	16°35	10°31	14°38	16°58	10°14	10°45	19°11	1°12	19°38	18°20	4° 2	n.a.	F 26
S 27	9 46 39	28°42'18	14°57	17°41	11°38	15°22	17°11	10°12	10°43	19°12	1°11	19°R39	18°17	4° 8	n.a.	S 27
S 28	9 50 36	29°41'12	26°52	18°41	12°45	16° 5	17°23	10°10	10°40	19°13	1°11	19°38	18°13	4°15	n.a.	S 28
M29	9 54 32	0♓40'04	8♌55	19♓35	13♈51	16♓49	17♉35	10♋ 7	10♍38	19♐14	1♏10	19♉37	18♉10	4♋22	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s48	19n28	0s56	21s55	1s51	7s36	0s20	13s47	0s50	23s52	0s34	24n 5	0n48	8n 2	0n48	22s34	0n45	1s12	11n36	22s16	22s21	25n26		n.a.
T 2	19 34	15 25	2 0	21 25	1 47	7 5	0 16	13 31	0 49	23 51	0 34	24 6	0 48	8 3	0 48	22 34	0 45	1 12	11 37	22 17	22 21	25 25		n.a.
W 3	19 19	10 42	3 0	20 52	1 42	6 34	0 13	13 15	0 49	23 50	0 34	24 6	0 49	8 4	0 48	22 34	0 45	1 12	11 37	22 17	22 22	25 24		n.a.
T 4	19 5	5 29	3 51	20 17	1 38	6 3	0 9	12 58	0 48	23 49	0 34	24 7	0 49	8 5	0 49	22 34	0 45	1 12	11 37	22 17	22 22	25 23		n.a.
F 5	18 49	0s 0	4 33	19 41	1 32	5 32	0 5	12 42	0 48	23 48	0 34	24 7	0 49	8 5	0 49	22 35	0 45	1 11	11 37	22 18	22 23	25 22		n.a.
S 6	18 34	5 35	5 1	19 2	1 26	5 1	0 2	12 25	0 47	23 47	0 34	24 8	0 49	8 6	0 49	22 35	0 45	1 11	11 38	22 18	22 23	25 21		n.a.
S 7	18 18	11 2	5 15	18 22	1 19	4 30	0n 2	12 9	0 46	23 45	0 35	24 8	0 49	8 7	0 49	22 35	0 45	1 11	11 38	22 18	22 24	25 20		n.a.
M 8	18 2	16 6	5 12	17 39	1 12	3 58	0 6	11 52	0 46	23 44	0 35	24 8	0 49	8 8	0 49	22 35	0 45	1 11	11 38	22 18	22 24	25 19		n.a.
T 9	17 46	20 28	4 52	16 55	1 4	3 27	0 10	11 35	0 45	23 43	0 35	24 9	0 49	8 9	0 49	22 35	0 45	1 10	11 39	22 18	22 25	25 19		n.a.
W10	17 29	23 47	4 14	16 10	0 55	2 55	0 14	11 19	0 45	23 42	0 35	24 9	0 49	8 9	0 49	22 35	0 45	1 10	11 39	22 18	22 25	25 18		n.a.
T 11	17 12	25 42	3 20	15 22	0 46	2 24	0 17	11 2	0 44	23 40	0 35	24 10	0 49	8 10	0 49	22 35	0 45	1 10	11 39	22 18	22 25	25 17		n.a.
F 12	16 55	25 55	2 12	14 34	0 36	1 52	0 21	10 45	0 43	23 39	0 35	24 10	0 49	8 11	0 49	22 35	0 45	1 10	11 40	22 18	22 26	25 16		n.a.
S 13	16 37	24 20	0 55	13 44	0 26	1 21	0 25	10 28	0 43	23 38	0 35	24 10	0 49	8 12	0 49	22 36	0 45	1 9	11 40	22 18	22 26	25 15		n.a.
S 14	16 19	21 3	0n27	12 54	0 15	0 49	0 29	10 11	0 42	23 37	0 36	24 11	0 49	8 13	0 49	22 36	0 45	1 9	11 40	22 18	22 27	25 14		n.a.
M15	16 1	16 23	1 46	12 3	0 3	0 18	0 33	9 53	0 42	23 35	0 36	24 11	0 49	8 14	0 49	22 36	0 45	1 9	11 40	22 18	22 27	25 13		n.a.
T 16	15 43	10 47	2 58	11 11	0n 8	0n14	0 37	9 36	0 41	23 34	0 36	24 11	0 49	8 15	0 49	22 36	0 45	1 8	11 41	22 18	22 28	25 12		n.a.
W17	15 24	4 42	3 57	10 20	0 21	0 45	0 42	9 19	0 41	23 33	0 36	24 12	0 49	8 16	0 49	22 36	0 45	1 8	11 41	22 19	22 28	25 11		n.a.
T 18	15 6	1n27	4 40	9 28	0 33	1 17	0 46	9 1	0 40	23 31	0 36	24 12	0 49	8 16	0 49	22 36	0 45	1 8	11 41	22 20	22 29	25 10		n.a.
F 19	14 46	7 22	5 5	8 37	0 46	1 48	0 50	8 44	0 39	23 30	0 36	24 12	0 49	8 17	0 49	22 36	0 45	1 7	11 42	22 20	22 29	25 9		n.a.
S 20	14 27	12 45	5 13	7 47	0 58	2 20	0 54	8 27	0 39	23 29	0 37	24 13	0 49	8 18	0 49	22 36	0 45	1 7	11 42	22 21	22 29	25 8		n.a.
S 21	14 8	17 24	5 5	6 59	1 11	2 51	0 58	8 9	0 38	23 27	0 37	24 13	0 49	8 19	0 49	22 36	0 45	1 7	11 42	22 21	22 30	25 7		n.a.
M22	13 48	21 10	4 42	6 11	1 24	3 22	1 2	7 51	0 38	23 26	0 37	24 13	0 49	8 20	0 49	22 37	0 45	1 6	11 42	22 22	22 30	25 6		n.a.
T 23	13 28	23 55	4 7	5 25	1 36	3 53	1 7	7 34	0 37	23 24	0 37	24 13	0 50	8 21	0 49	22 37	0 45	1 6	11 43	22 22	22 31	25 5		n.a.
W24	13 8	25 33	3 22	4 42	1 49	4 24	1 11	7 16	0 36	23 23	0 37	24 14	0 50	8 22	0 49	22 37	0 45	1 5	11 43	22 22	22 31	25 3		n.a.
T 25	12 48	25 59	2 28	4 0	2 1	4 55	1 15	6 59	0 36	23 22	0 37	24 14	0 50	8 23	0 49	22 37	0 45	1 5	11 43	22 21	22 32	25 2		n.a.
F 26	12 27	25 15	1 29	3 21	2 12	5 26	1 19	6 41	0 35	23 20	0 37	24 14	0 50	8 24	0 49	22 37	0 45	1 5	11 44	22 21	22 32	25 1		n.a.
S 27	12 6	23 23	0 26	2 45	2 23	5 57	1 24	6 23	0 35	23 19	0 38	24 14	0 50	8 25	0 49	22 37	0 45	1 4	11 44	22 21	22 33	25 0		n.a.
S 28	11 45	20 28	0s39	2 12	2 34	6 27	1 28	6 5	0 34	23 17	0 38	24 14	0 50	8 26	0 49	22 37	0 45	1 4	11 44	22 21	22 33	24 59		n.a.
M29	11s24	16n39	1s43	1s41	2n43	6n57	1n32	5s48	0s33	23s16	0s38	24n15	0n50	8n27	0n49	22s37	0n45	1s 3	11n44	22s21	22s33	24n58		n.a.

Julian Day Number = 1367526.5, Delta T = 06h53m33s
Ecliptic obliquity = 23°48'42, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°27'09, Lahiri = -17°20'08 Julian Calendar 1 Feb. 969 BCE == Greg. Calendar 23 Jan. 969 BCE

The year -968 astronomical counting style corresponds to year 969 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 969 BCE
geocentric

MARCH 969 BCE (-968) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 58 29	1♓38'53	21♌11	20♓23	14♈58	17♓33	17♉48	10°R 5	10°R35	19♐15	1°R10	19°R33	18♉ 7	4♋28	n.a.	T 1
W 2	10 2 26	2°37'40	3♍39	21° 4	16° 4	18°16	18° 0	10♋ 3	10♍33	19°16	1♏ 9	19♉27	18° 4	4°35	n.a.	W 2
T 3	10 6 22	3°36'25	16°22	21°38	17°10	19° 0	18°12	10° 1	10°30	19°17	1° 8	19°20	18° 1	4°42	n.a.	T 3
F 4	10 10 19	4°35'08	29°18	22° 6	18°16	19°43	18°24	10° 0	10°28	19°18	1° 8	19°12	17°58	4°48	n.a.	F 4
S 5	10 14 15	5°33'49	12♎29	22°27	19°21	20°27	18°36	9°58	10°25	19°19	1° 7	19° 4	17°54	4°55	n.a.	S 5
S 6	10 18 12	6°32'28	25°51	22°41	20°27	21°10	18°48	9°56	10°22	19°20	1° 6	18°57	17°51	5° 2	n.a.	S 6
M 7	10 22 8	7°31'06	9♏26	22°49	21°32	21°53	18°59	9°55	10°20	19°21	1° 6	18°52	17°48	5° 8	n.a.	M 7
T 8	10 26 5	8°29'41	23°11	22°R51	22°37	22°37	19°11	9°53	10°17	19°21	1° 5	18°49	17°45	5°15	n.a.	T 8
W 9	10 30 1	9°28'15	7♐ 6	22°46	23°41	23°20	19°23	9°52	10°15	19°22	1° 4	18°D48	17°42	5°22	n.a.	W 9
T 10	10 33 58	10°26'47	21°12	22°35	24°46	24° 3	19°34	9°51	10°12	19°23	1° 3	18°48	17°38	5°28	n.a.	T 10
F 11	10 37 54	11°25'17	5♑26	22°19	25°50	24°46	19°46	9°50	10°10	19°24	1° 2	18°49	17°35	5°35	n.a.	F 11
S 12	10 41 51	12°23'46	19°47	21°58	26°54	25°29	19°57	9°49	10° 7	19°24	1° 1	18°R50	17°32	5°42	n.a.	S 12
S 13	10 45 48	13°22'13	4♒12	21°31	27°57	26°12	20° 8	9°48	10° 4	19°25	1° 0	18°49	17°29	5°48	n.a.	S 13
M14	10 49 44	14°20'38	18°38	21° 1	29° 0	26°55	20°20	9°47	10° 2	19°25	0°59	18°45	17°26	5°55	n.a.	M14
T 15	10 53 41	15°19'01	3♓ 0	20°27	0♉ 3	27°38	20°31	9°46	9°59	19°26	0°58	18°40	17°23	6° 2	n.a.	T 15
W16	10 57 37	16°17'22	17°11	19°51	1° 6	28°21	20°42	9°46	9°57	19°26	0°57	18°32	17°19	6° 8	n.a.	W16
T 17	11 1 34	17°15'41	1♈ 6	19°12	2° 9	29° 4	20°53	9°45	9°54	19°27	0°56	18°22	17°16	6°15	n.a.	T 17
F 18	11 5 30	18°13'58	14°42	18°31	3°11	29°47	21° 3	9°45	9°52	19°27	0°55	18°12	17°13	6°21	n.a.	F 18
S 19	11 9 27	19°12'13	27°56	17°50	4°12	0♈30	21°14	9°45	9°49	19°28	0°54	18° 3	17°10	6°28	n.a.	S 19
S 20	11 13 23	20°10'26	10♉47	17° 9	5°14	1°12	21°25	9°44	9°47	19°28	0°53	17°55	17° 7	6°35	n.a.	S 20
M21	11 17 20	21° 8'37	23°17	16°29	6°15	1°55	21°35	9°D44	9°44	19°29	0°52	17°49	17° 3	6°41	n.a.	M21
T 22	11 21 16	22° 6'46	5♊30	15°50	7°16	2°37	21°45	9°44	9°42	19°29	0°51	17°46	17° 0	6°48	n.a.	T 22
W23	11 25 13	23° 4'52	17°30	15°14	8°16	3°20	21°56	9°45	9°39	19°29	0°50	17°44	16°57	6°55	n.a.	W23
T 24	11 29 10	24° 2'57	29°21	14°40	9°16	4° 3	22° 6	9°45	9°37	19°29	0°49	17°D44	16°54	7° 1	n.a.	T 24
F 25	11 33 6	25° 1'00	11♋ 9	14° 9	10°15	4°45	22°16	9°45	9°34	19°30	0°47	17°45	16°51	7° 8	n.a.	F 25
S 26	11 37 3	25°59'00	22°59	13°42	11°15	5°27	22°26	9°46	9°32	19°30	0°46	17°R45	16°48	7°15	n.a.	S 26
S 27	11 40 59	26°56'59	4♌58	13°19	12°13	6°10	22°36	9°46	9°29	19°30	0°45	17°43	16°44	7°21	n.a.	S 27
M28	11 44 56	27°54'55	17° 8	13° 0	13°12	6°52	22°45	9°47	9°27	19°30	0°44	17°40	16°41	7°28	n.a.	M28
T 29	11 48 52	28°52'50	29°33	12°46	14° 9	7°34	22°55	9°48	9°25	19°30	0°42	17°33	16°38	7°35	n.a.	T 29
W30	11 52 49	29°50'43	12♍16	12°36	15° 7	8°16	23° 4	9°49	9°22	19°30	0°41	17°25	16°35	7°41	n.a.	W30
T 31	11 56 45	0♈48'34	25♍17	12♓31	16♉ 4	8♈59	23♉14	9♋50	9♍20	19°R30	0♏40	17♉14	16♉32	7♋48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s 3	12n 6	2s43	1s14	2n52	7n28	1n36	5s30	0s33	23s14	0s38	24n15	0n50	8n28	0n49	22s37	0n45	1s 3	11n45	22s22	22s34	24n57			n.a.
W 2	10 42	6 58	3 36	0 51	3 0	7 57	1 40	5 12	0 32	23 13	0 38	24 15	0 50	8 29	0 49	22 37	0 45	1 3	11 45	22 23	22 34	24 56			n.a.
T 3	10 20	1 30	4 19	0 30	3 7	8 27	1 45	4 54	0 32	23 11	0 39	24 15	0 50	8 30	0 49	22 37	0 45	1 2	11 45	22 24	22 35	24 55			n.a.
F 4	9 59	4s 8	4 50	0 14	3 13	8 57	1 49	4 36	0 31	23 10	0 39	24 15	0 50	8 31	0 49	22 37	0 45	1 2	11 45	22 25	22 35	24 54			n.a.
S 5	9 37	9 41	5 6	0 1	3 18	9 26	1 53	4 18	0 30	23 8	0 39	24 16	0 50	8 32	0 49	22 37	0 45	1 1	11 46	22 26	22 36	24 53			n.a.
S 6	9 15	14 52	5 6	0n 8	3 22	9 55	1 57	4 0	0 30	23 7	0 39	24 16	0 50	8 33	0 49	22 37	0 45	1 1	11 46	22 27	22 36	24 52			n.a.
M 7	8 53	19 24	4 49	0 13	3 24	10 24	2 2	3 43	0 29	23 5	0 39	24 16	0 50	8 34	0 49	22 37	0 45	1 0	11 46	22 28	22 36	24 50			n.a.
T 8	8 31	22 57	4 15	0 15	3 25	10 52	2 6	3 25	0 29	23 4	0 39	24 16	0 50	8 35	0 49	22 38	0 45	1 0	11 46	22 28	22 37	24 49			n.a.
W 9	8 8	25 12	3 25	0 13	3 25	11 20	2 10	3 7	0 28	23 2	0 40	24 16	0 50	8 36	0 49	22 38	0 45	0 59	11 47	22 28	22 37	24 48			n.a.
T 10	7 46	25 54	2 23	0 7	3 23	11 48	2 14	2 49	0 27	23 1	0 40	24 16	0 50	8 37	0 49	22 38	0 45	0 59	11 47	22 28	22 38	24 47			n.a.
F 11	7 23	24 53	1 12	0s 3	3 20	12 16	2 18	2 31	0 27	22 59	0 40	24 16	0 50	8 38	0 49	22 38	0 45	0 58	11 47	22 28	22 38	24 46			n.a.
S 12	7 1	22 15	0n 5	0 16	3 15	12 43	2 22	2 13	0 26	22 58	0 40	24 16	0 50	8 39	0 49	22 38	0 45	0 58	11 47	22 28	22 39	24 45			n.a.
S 13	6 38	18 11	1 22	0 32	3 8	13 10	2 26	1 55	0 25	22 56	0 40	24 16	0 50	8 40	0 49	22 38	0 45	0 57	11 48	22 28	22 39	24 44			n.a.
M14	6 15	13 3	2 33	0 51	3 1	13 37	2 30	1 37	0 25	22 55	0 41	24 16	0 50	8 41	0 49	22 38	0 45	0 57	11 48	22 29	22 39	24 42			n.a.
T 15	5 52	7 15	3 34	1 13	2 51	14 4	2 34	1 19	0 24	22 53	0 41	24 17	0 50	8 42	0 49	22 38	0 45	0 56	11 48	22 29	22 40	24 41			n.a.
W16	5 29	1 9	4 21	1 37	2 41	14 30	2 38	1 1	0 24	22 52	0 41	24 17	0 50	8 43	0 49	22 38	0 45	0 56	11 48	22 30	22 40	24 40			n.a.
T 17	5 6	4n53	4 51	2 4	2 29	14 55	2 42	0 44	0 23	22 50	0 41	24 17	0 50	8 44	0 49	22 38	0 45	0 55	11 48	22 32	22 41	24 39			n.a.
F 18	4 43	10 32	5 4	2 32	2 16	15 21	2 45	0 26	0 22	22 49	0 41	24 17	0 50	8 45	0 49	22 38	0 45	0 55	11 49	22 33	22 41	24 38			n.a.
S 19	4 20	15 33	5 0	3 1	2 2	15 46	2 49	0 8	0 22	22 47	0 42	24 17	0 50	8 46	0 49	22 38	0 45	0 54	11 49	22 34	22 41	24 36			n.a.
S 20	3 57	19 44	4 41	3 30	1 47	16 10	2 53	0n10	0 21	22 46	0 42	24 17	0 50	8 47	0 49	22 38	0 45	0 53	11 49	22 35	22 42	24 35			n.a.
M21	3 34	22 53	4 9	4 0	1 32	16 35	2 56	0 28	0 21	22 45	0 42	24 17	0 50	8 47	0 49	22 38	0 45	0 53	11 49	22 36	22 42	24 34			n.a.
T 22	3 11	24 56	3 26	4 30	1 16	16 58	3 0	0 45	0 20	22 43	0 42	24 17	0 50	8 48	0 49	22 38	0 45	0 52	11 49	22 37	22 43	24 33			n.a.
W23	2 47	25 46	2 34	5 0	0 59	17 22	3 3	1 3	0 19	22 42	0 42	24 17	0 50	8 49	0 49	22 38	0 45	0 52	11 49	22 37	22 43	24 32			n.a.
T 24	2 24	25 25	1 37	5 28	0 43	17 45	3 7	1 21	0 19	22 40	0 43	24 17	0 50	8 50	0 49	22 38	0 45	0 51	11 50	22 37	22 43	24 30			n.a.
F 25	2 1	23 55	0 35	5 56	0 26	18 7	3 10	1 38	0 18	22 39	0 43	24 17	0 50	8 51	0 49	22 38	0 45	0 51	11 50	22 37	22 44	24 29			n.a.
S 26	1 37	21 22	0s28	6 21	0 10	18 29	3 13	1 56	0 17	22 37	0 43	24 17	0 50	8 52	0 49	22 38	0 46	0 50	11 50	22 37	22 44	24 28			n.a.
S 27	1 14	17 52	1 30	6 45	0s 6	18 51	3 16	2 14	0 17	22 36	0 43	24 17	0 50	8 53	0 49	22 38	0 46	0 50	11 50	22 37	22 45	24 27			n.a.
M28	0 50	13 34	2 30	7 7	0 22	19 12	3 20	2 31	0 16	22 34	0 44	24 17	0 50	8 54	0 49	22 38	0 46	0 49	11 50	22 38	22 45	24 25			n.a.
T 29	0 27	8 39	3 23	7 27	0 38	19 33	3 23	2 49	0 16	22 33	0 44	24 17	0 50	8 55	0 49	22 38	0 46	0 48	11 50	22 38	22 45	24 24			n.a.
W30	0 4	3 16	4 7	7 44	0 52	19 53	3 25	3 6	0 15	22 32	0 44	24 16	0 50	8 56	0 49	22 38	0 46	0 48	11 50	22 39	22 46	24 23			n.a.
T 31	0n20	2s22	4s40	7s59	1s 6	20n13	3n28	3n24	0s14	22s30	0s44	24n16	0n50	8n57	0n49	22s38	0n46	0s47	11n51	22s41	22s46	24n22			n.a.

Julian Day Number = 1367555.5, Delta T = 06h53m31s
Ecliptic obliquity = 23°48'42, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°27'05, Lahiri = -17°20'04 Julian Calendar 1 March 969 BCE == Greg. Calendar 21 Feb. 969 BCE

The year -968 astronomical counting style corresponds to year 969 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 969 BCE
geocentric

APRIL 969 BCE (-968) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 0 42	1♈46'23	8♎36	12°D31	17♉ 0	9♈41	23♑23	9♋51	9°R17	19°R30	0°R38	17°R 3	16♑29	7♋55	n.a.	F 1
S 2	12 4 39	2°44'11	22°11	12♓35	17°56	10°23	23°32	9°52	9♍15	19♐30	0♏37	16♑51	16°25	8° 1	n.a.	S 2
S 3	12 8 35	3°41'57	5♏58	12°44	18°51	11° 5	23°41	9°53	9°13	19°30	0°36	16°41	16°22	8° 8	n.a.	S 3
M 4	12 12 32	4°39'42	19°54	12°58	19°46	11°47	23°50	9°55	9°11	19°30	0°34	16°32	16°19	8°14	n.a.	M 4
T 5	12 16 28	5°37'25	3♐56	13°16	20°40	12°29	23°59	9°56	9° 8	19°30	0°33	16°27	16°16	8°21	n.a.	T 5
W 6	12 20 25	6°35'07	18° 2	13°39	21°34	13°10	24° 7	9°58	9° 6	19°30	0°31	16°24	16°13	8°28	n.a.	W 6
T 7	12 24 21	7°32'49	2♑ 9	14° 6	22°27	13°52	24°16	10° 0	9° 4	19°30	0°30	16°23	16° 9	8°34	n.a.	T 7
F 8	12 28 18	8°30'29	16°16	14°37	23°20	14°34	24°24	10° 1	9° 2	19°29	0°28	16°23	16° 6	8°41	n.a.	F 8
S 9	12 32 14	9°28'07	0♒23	15°12	24°12	15°16	24°32	10° 3	9° 0	19°29	0°27	16°22	16° 3	8°48	n.a.	S 9
S 10	12 36 11	10°25'45	14°28	15°51	25° 3	15°58	24°40	10° 5	8°58	19°29	0°25	16°20	16° 0	8°54	n.a.	S 10
M11	12 40 8	11°23'21	28°29	16°34	25°53	16°39	24°48	10° 7	8°56	19°28	0°24	16°16	15°57	9° 1	n.a.	M11
T 12	12 44 4	12°20'56	12♓25	17°21	26°43	17°21	24°56	10°10	8°54	19°28	0°22	16° 9	15°54	9° 8	n.a.	T 12
W13	12 48 1	13°18'30	26°11	18°11	27°32	18° 2	25° 4	10°12	8°52	19°28	0°21	15°59	15°50	9°14	n.a.	W13
T 14	12 51 57	14°16'03	9♈45	19° 4	28°20	18°44	25°11	10°14	8°50	19°27	0°19	15°47	15°47	9°21	n.a.	T 14
F 15	12 55 54	15°13'35	23° 4	20° 1	29° 8	19°25	25°19	10°17	8°48	19°27	0°18	15°34	15°44	9°28	n.a.	F 15
S 16	12 59 50	16°11'05	6♉ 6	21° 1	29°55	20° 7	25°26	10°20	8°46	19°26	0°16	15°22	15°41	9°34	n.a.	S 16
S 17	13 3 47	17° 8'34	18°49	22° 4	0♊41	20°48	25°33	10°22	8°44	19°26	0°15	15°12	15°38	9°41	n.a.	S 17
M18	13 7 43	18° 6'01	1♊14	23°11	1°26	21°29	25°40	10°25	8°42	19°25	0°13	15° 3	15°35	9°47	n.a.	M18
T 19	13 11 40	19° 3'28	13°25	24°20	2°10	22°11	25°47	10°28	8°41	19°25	0°11	14°58	15°31	9°54	n.a.	T 19
W20	13 15 37	20° 0'52	25°23	25°32	2°53	22°52	25°53	10°31	8°39	19°24	0°10	14°55	15°28	10° 1	n.a.	W20
T 21	13 19 33	20°58'16	7♋13	26°46	3°35	23°33	26° 0	10°34	8°37	19°24	0° 8	14°54	15°25	10° 7	n.a.	T 21
F 22	13 23 30	21°55'38	19° 2	28° 4	4°16	24°14	26° 6	10°37	8°35	19°23	0° 7	14°54	15°22	10°14	n.a.	F 22
S 23	13 27 26	22°52'59	0♌53	29°24	4°56	24°55	26°12	10°40	8°34	19°22	0° 5	14°53	15°19	10°21	n.a.	S 23
S 24	13 31 23	23°50'19	12°52	0♈47	5°35	25°36	26°18	10°44	8°32	19°21	0° 3	14°52	15°15	10°27	n.a.	S 24
M25	13 35 19	24°47'37	25° 5	2°13	6°13	26°18	26°24	10°47	8°31	19°21	0° 2	14°49	15°12	10°34	n.a.	M25
T 26	13 39 16	25°44'54	7♍36	3°41	6°50	26°58	26°30	10°51	8°29	19°20	0° 0	14°43	15° 9	10°41	n.a.	T 26
W27	13 43 12	26°42'10	20°28	5°12	7°25	27°39	26°35	10°54	8°28	19°19	29♎59	14°35	15° 6	10°47	n.a.	W27
T 28	13 47 9	27°39'24	3♎43	6°46	7°59	28°20	26°41	10°58	8°26	19°18	29°57	14°25	15° 3	10°54	n.a.	T 28
F 29	13 51 6	28°36'38	17°20	8°22	8°32	29° 1	26°46	11° 2	8°25	19°17	29°55	14°14	15° 0	11° 1	n.a.	F 29
S 30	13 55 2	29♈33'51	1♏17	10♈ 1	9♊ 3	29♈42	26♑51	11♋ 6	8♍24	19♐17	29♎54	14♑ 3	14♑56	11♋ 7	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n43	8s 1	4s58	8s12	1s20	20n32	3n31	3n41	0s14	22s29	0s44	24n16	0n50	8n58	0n49	22s38	0n46	0s47	11n51	22s42	22s47	24n20		n.a.
S 2	1 6	13 23	5 0	8 22	1 32	20 51	3 34	3 58	0 13	22 27	0 45	24 16	0 50	8 58	0 49	22 38	0 46	0 46	11 51	22 44	22 47	24 19		n.a.
S 3	1 30	18 11	4 45	8 29	1 44	21 9	3 36	4 15	0 13	22 26	0 45	24 16	0 50	8 59	0 49	22 38	0 46	0 46	11 51	22 45	22 47	24 18		n.a.
M 4	1 53	22 2	4 12	8 34	1 55	21 27	3 38	4 33	0 12	22 25	0 45	24 16	0 50	9 0	0 49	22 38	0 46	0 45	11 51	22 46	22 48	24 16		n.a.
T 5	2 16	24 37	3 25	8 36	2 6	21 44	3 41	4 50	0 11	22 23	0 45	24 16	0 50	9 1	0 49	22 38	0 46	0 44	11 51	22 47	22 48	24 15		n.a.
W 6	2 39	25 39	2 24	8 36	2 15	22 1	3 43	5 7	0 11	22 22	0 46	24 16	0 50	9 2	0 49	22 38	0 46	0 44	11 51	22 47	22 49	24 14		n.a.
T 7	3 2	25 2	1 15	8 33	2 24	22 17	3 45	5 24	0 10	22 21	0 46	24 16	0 50	9 3	0 49	22 38	0 46	0 43	11 51	22 47	22 49	24 13		n.a.
F 8	3 25	22 49	0 1	8 28	2 31	22 33	3 47	5 41	0 9	22 20	0 46	24 16	0 50	9 3	0 49	22 38	0 46	0 43	11 51	22 47	22 49	24 11		n.a.
S 9	3 49	19 11	1n13	8 20	2 38	22 48	3 48	5 58	0 9	22 18	0 46	24 15	0 50	9 4	0 49	22 38	0 46	0 42	11 51	22 47	22 50	24 10		n.a.
S 10	4 11	14 28	2 23	8 11	2 44	23 2	3 50	6 15	0 8	22 17	0 47	24 15	0 50	9 5	0 49	22 38	0 46	0 42	11 51	22 48	22 50	24 9		n.a.
M11	4 34	9 1	3 23	7 58	2 49	23 16	3 51	6 32	0 8	22 16	0 47	24 15	0 50	9 6	0 49	22 38	0 46	0 41	11 51	22 48	22 51	24 7		n.a.
T 12	4 57	3 9	4 11	7 44	2 54	23 30	3 53	6 48	0 7	22 15	0 47	24 15	0 50	9 6	0 48	22 38	0 46	0 40	11 51	22 49	22 51	24 6		n.a.
W13	5 20	2n47	4 43	7 27	2 57	23 42	3 54	7 5	0 6	22 14	0 47	24 15	0 50	9 7	0 48	22 38	0 46	0 40	11 52	22 50	22 51	24 5		n.a.
T 14	5 43	8 29	4 59	7 9	3 0	23 55	3 55	7 22	0 6	22 12	0 48	24 15	0 50	9 8	0 48	22 38	0 46	0 39	11 52	22 52	22 52	24 3		n.a.
F 15	6 5	13 42	4 58	6 48	3 2	24 6	3 56	7 38	0 5	22 11	0 48	24 14	0 50	9 9	0 48	22 37	0 46	0 39	11 52	22 53	22 52	24 2		n.a.
S 16	6 28	18 10	4 41	6 25	3 4	24 17	3 56	7 55	0 5	22 10	0 48	24 14	0 50	9 9	0 48	22 37	0 46	0 38	11 52	22 55	22 52	24 0		n.a.
S 17	6 50	21 42	4 11	6 0	3 4	24 28	3 57	8 11	0 4	22 9	0 48	24 14	0 50	9 10	0 48	22 37	0 46	0 38	11 52	22 56	22 53	23 59		n.a.
M18	7 12	24 8	3 29	5 34	3 4	24 38	3 57	8 27	0 3	22 8	0 49	24 14	0 50	9 11	0 48	22 37	0 46	0 37	11 52	22 57	22 53	23 58		n.a.
T 19	7 35	25 23	2 39	5 5	3 3	24 47	3 57	8 43	0 3	22 7	0 49	24 13	0 50	9 11	0 48	22 37	0 46	0 37	11 52	22 57	22 54	23 56		n.a.
W20	7 57	25 25	1 42	4 35	3 2	24 56	3 57	9 0	0 2	22 6	0 49	24 13	0 50	9 12	0 48	22 37	0 46	0 36	11 52	22 58	22 54	23 55		n.a.
T 21	8 18	24 17	0 41	4 2	3 0	25 4	3 57	9 16	0 2	22 5	0 49	24 13	0 50	9 12	0 48	22 37	0 46	0 36	11 52	22 58	22 54	23 54		n.a.
F 22	8 40	22 5	0s22	3 29	2 57	25 11	3 56	9 32	0 1	22 4	0 50	24 13	0 50	9 13	0 48	22 37	0 46	0 35	11 52	22 58	22 55	23 52		n.a.
S 23	9 2	18 55	1 24	2 53	2 53	25 18	3 55	9 47	0 0	22 3	0 50	24 12	0 50	9 14	0 48	22 37	0 46	0 35	11 52	22 58	22 55	23 51		n.a.
S 24	9 23	14 56	2 23	2 16	2 49	25 25	3 54	10 3	0n 0	22 2	0 50	24 12	0 50	9 14	0 48	22 37	0 46	0 34	11 51	22 58	22 55	23 49		n.a.
M25	9 45	10 17	3 16	1 37	2 45	25 30	3 53	10 19	0 1	22 1	0 50	24 12	0 50	9 15	0 48	22 37	0 46	0 34	11 51	22 58	22 56	23 48		n.a.
T 26	10 6	5 7	4 1	0 56	2 39	25 35	3 51	10 34	0 1	22 1	0 51	24 12	0 50	9 15	0 48	22 37	0 46	0 33	11 51	22 59	22 56	23 47		n.a.
W27	10 27	0s23	4 36	0 14	2 33	25 40	3 50	10 50	0 2	22 0	0 51	24 11	0 50	9 16	0 48	22 37	0 46	0 33	11 51	23 0	22 57	23 45		n.a.
T 28	10 48	6 1	4 56	0n29	2 27	25 43	3 48	11 5	0 3	21 59	0 51	24 11	0 50	9 16	0 48	22 37	0 46	0 32	11 51	23 1	22 57	23 44		n.a.
F 29	11 9	11 32	5 1	1 14	2 20	25 47	3 45	11 21	0 3	21 58	0 52	24 11	0 50	9 17	0 48	22 37	0 46	0 32	11 51	23 2	22 57	23 42		n.a.
S 30	11n29	16s35	4s48	2n 0	2s12	25n49	3n43	11n36	0n 4	21s58	0s52	24n10	0n50	9n17	0n48	22s36	0n46	0s31	11n51	23s 3	22s58	23n41		n.a.

Julian Day Number = 1367586.5, Delta T = 06h53m30s
Ecliptic obliquity = 23°48'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°27'00, Lahiri = -17°20'00 Julian Calendar 1 Apr. 969 BCE == Greg. Calendar 23 March 969 BCE

The year -968 astronomical counting style corresponds to year 969 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 969 BCE
geocentric

MAY 969 BCE (-968) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 58 59	0♉31'03	15♏29	11♈42	9♊33	0♉23	26♑56	11♋10	8°R23	19°R16	29°R52	13°R53	14♑53	11♋14	n.a.	S 1
M 2	14 2 55	1°28'15	29°51	13°26	10° 1	1° 3	27° 0	11°14	8♍21	19♐15	29♎50	13♑45	14°50	11°21	n.a.	M 2
T 3	14 6 52	2°25'26	14♐17	15°12	10°28	1°44	27° 5	11°18	8°20	19°14	29°49	13°40	14°47	11°27	n.a.	T 3
W 4	14 10 48	3°22'36	28°42	17° 1	10°53	2°25	27° 9	11°22	8°19	19°13	29°47	13°37	14°44	11°34	n.a.	W 4
T 5	14 14 45	4°19'47	13♑ 2	18°52	11°17	3° 5	27°13	11°26	8°18	19°12	29°46	13°D36	14°40	11°40	n.a.	T 5
F 6	14 18 41	5°16'56	27°14	20°46	11°39	3°46	27°17	11°31	8°17	19°11	29°44	13°36	14°37	11°47	n.a.	F 6
S 7	14 22 38	6°14'06	11♒18	22°42	11°59	4°26	27°21	11°35	8°16	19°10	29°42	13°R36	14°34	11°54	n.a.	S 7
S 8	14 26 35	7°11'15	25°12	24°40	12°17	5° 7	27°25	11°40	8°15	19° 9	29°41	13°35	14°31	12° 0	n.a.	S 8
M 9	14 30 31	8° 8'24	8♓56	26°40	12°33	5°47	27°28	11°44	8°14	19° 8	29°39	13°32	14°28	12° 7	n.a.	M 9
T 10	14 34 28	9° 5'32	22°30	28°43	12°48	6°28	27°32	11°49	8°13	19° 6	29°38	13°26	14°25	12°14	n.a.	T 10
W11	14 38 24	10° 2'40	5♈53	0♉47	13° 0	7° 8	27°35	11°54	8°12	19° 5	29°36	13°18	14°21	12°20	n.a.	W11
T 12	14 42 21	10°59'48	19° 3	2°53	13°10	7°48	27°38	11°59	8°12	19° 4	29°34	13° 8	14°18	12°27	n.a.	T 12
F 13	14 46 17	11°56'56	2♉ 1	5° 1	13°19	8°29	27°40	12° 4	8°11	19° 3	29°33	12°57	14°15	12°34	n.a.	F 13
S 14	14 50 14	12°54'03	14°44	7° 9	13°25	9° 9	27°43	12° 9	8°10	19° 2	29°31	12°47	14°12	12°40	n.a.	S 14
S 15	14 54 10	13°51'11	27°13	9°19	13°28	9°49	27°45	12°14	8°10	19° 0	29°30	12°38	14° 9	12°47	n.a.	S 15
M16	14 58 7	14°48'17	9♊29	11°29	13°R30	10°29	27°47	12°19	8° 9	18°59	29°28	12°31	14° 6	12°54	n.a.	M16
T 17	15 2 4	15°45'24	21°33	13°40	13°29	11° 9	27°49	12°24	8° 9	18°58	29°27	12°27	14° 2	13° 0	n.a.	T 17
W18	15 6 0	16°42'30	3♋27	15°51	13°26	11°50	27°51	12°29	8° 8	18°57	29°25	12°24	13°59	13° 7	n.a.	W18
T 19	15 9 57	17°39'35	15°16	18° 2	13°21	12°30	27°53	12°35	8° 8	18°55	29°23	12°D24	13°56	13°14	n.a.	T 19
F 20	15 13 53	18°36'41	27° 3	20°13	13°13	13°10	27°54	12°40	8° 8	18°54	29°22	12°25	13°53	13°20	n.a.	F 20
S 21	15 17 50	19°33'45	8♌54	22°23	13° 3	13°50	27°55	12°45	8° 7	18°53	29°20	12°26	13°50	13°27	n.a.	S 21
S 22	15 21 46	20°30'50	20°53	24°32	12°50	14°30	27°56	12°51	8° 7	18°51	29°19	12°R26	13°46	13°33	n.a.	S 22
M23	15 25 43	21°27'54	3♍ 6	26°40	12°35	15° 9	27°57	12°57	8° 7	18°50	29°17	12°25	13°43	13°40	n.a.	M23
T 24	15 29 40	22°24'58	15°37	28°47	12°18	15°49	27°58	13° 2	8° 7	18°49	29°16	12°23	13°40	13°47	n.a.	T 24
W25	15 33 36	23°22'01	28°32	0♎53	11°58	16°29	27°58	13° 8	8° 7	18°47	29°15	12°18	13°37	13°53	n.a.	W25
T 26	15 37 33	24°19'04	11♎51	2°57	11°36	17° 9	27°59	13°14	8°D 7	18°46	29°13	12°12	13°34	14° 0	n.a.	T 26
F 27	15 41 29	25°16'07	25°37	4°59	11°12	17°49	27°R59	13°20	8° 7	18°44	29°12	12° 5	13°31	14° 7	n.a.	F 27
S 28	15 45 26	26°13'11	9♏47	7° 0	10°46	18°28	27°59	13°25	8° 7	18°43	29°10	11°58	13°27	14°13	n.a.	S 28
S 29	15 49 22	27°10'14	24°17	8°59	10°18	19° 8	27°58	13°31	8° 7	18°41	29° 9	11°52	13°24	14°20	n.a.	S 29
M30	15 53 19	28° 7'17	9♐ 0	10°56	9°48	19°48	27°58	13°37	8° 7	18°40	29° 8	11°47	13°21	14°27	n.a.	M30
T 31	15 57 15	29♉ 4'21	23♐50	12♊51	9♊17	20♉27	27♑57	13♋44	8♍ 8	18♐38	29♎ 6	11♑43	13♑18	14♋33	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	11n50	20s49	4s18	2n48	2s 4	25n51	3n40	11n51	0n 4	21s57	0s52	24n10	0n50	9n18	0n48	22s36	0n46	0s31	11n51	23s 5	22s58	23n39			n.a.
M 2	12 10	23 51	3 30	3 36	1 56	25 52	3 37	12 6	0 5	21 56	0 52	24 10	0 50	9 18	0 48	22 36	0 46	0 30	11 51	23 5	22 58	23 38			n.a.
T 3	12 30	25 20	2 29	4 26	1 47	25 53	3 33	12 21	0 6	21 56	0 53	24 9	0 50	9 18	0 48	22 36	0 46	0 30	11 51	23 6	22 59	23 36			n.a.
W 4	12 50	25 7	1 18	5 17	1 38	25 53	3 30	12 36	0 6	21 55	0 53	24 9	0 50	9 19	0 48	22 36	0 46	0 29	11 51	23 6	22 59	23 35			n.a.
T 5	13 10	23 13	0 3	6 9	1 28	25 52	3 25	12 50	0 7	21 55	0 53	24 9	0 50	9 19	0 48	22 36	0 46	0 29	11 51	23 6	22 59	23 34			n.a.
F 6	13 29	19 52	1n12	7 2	1 18	25 51	3 21	13 5	0 7	21 54	0 53	24 8	0 50	9 20	0 48	22 36	0 46	0 28	11 50	23 6	23 0	23 32			n.a.
S 7	13 48	15 23	2 22	7 55	1 8	25 49	3 16	13 19	0 8	21 54	0 54	24 8	0 50	9 20	0 48	22 36	0 46	0 28	11 50	23 6	23 0	23 31			n.a.
S 8	14 7	10 9	3 22	8 49	0 57	25 46	3 11	13 34	0 9	21 53	0 54	24 7	0 50	9 20	0 48	22 36	0 46	0 27	11 50	23 6	23 0	23 29			n.a.
M 9	14 26	4 29	4 11	9 43	0 46	25 43	3 5	13 48	0 9	21 53	0 54	24 7	0 50	9 21	0 48	22 36	0 46	0 27	11 50	23 7	23 1	23 28			n.a.
T 10	14 45	1n19	4 44	10 38	0 35	25 39	2 59	14 2	0 10	21 52	0 55	24 7	0 50	9 21	0 47	22 36	0 46	0 27	11 50	23 7	23 1	23 26			n.a.
W11	15 3	6 58	5 1	11 33	0 25	25 34	2 53	14 16	0 10	21 52	0 55	24 6	0 50	9 21	0 47	22 35	0 46	0 26	11 50	23 8	23 1	23 25			n.a.
T 12	15 21	12 13	5 2	12 27	0 14	25 29	2 46	14 30	0 11	21 52	0 55	24 6	0 50	9 21	0 47	22 35	0 46	0 26	11 50	23 9	23 2	23 23			n.a.
F 13	15 39	16 50	4 47	13 21	0 3	25 23	2 39	14 44	0 11	21 51	0 56	24 5	0 50	9 22	0 47	22 35	0 46	0 25	11 49	23 10	23 2	23 22			n.a.
S 14	15 57	20 37	4 18	14 14	0n 8	25 16	2 31	14 57	0 12	21 51	0 56	24 5	0 50	9 22	0 47	22 35	0 46	0 25	11 49	23 11	23 2	23 20			n.a.
S 15	16 15	23 22	3 37	15 7	0 19	25 9	2 23	15 11	0 13	21 51	0 56	24 4	0 50	9 22	0 47	22 35	0 46	0 25	11 49	23 12	23 3	23 19			n.a.
M16	16 32	24 58	2 47	15 58	0 29	25 0	2 15	15 24	0 13	21 51	0 56	24 4	0 50	9 22	0 47	22 35	0 46	0 24	11 49	23 13	23 3	23 17			n.a.
T 17	16 49	25 22	1 50	16 48	0 39	24 51	2 6	15 38	0 14	21 51	0 57	24 3	0 50	9 22	0 47	22 35	0 46	0 24	11 49	23 13	23 4	23 15			n.a.
W18	17 5	24 34	0 48	17 37	0 48	24 42	1 57	15 51	0 14	21 51	0 57	24 3	0 50	9 22	0 47	22 35	0 46	0 24	11 48	23 13	23 4	23 14			n.a.
T 19	17 22	22 40	0s15	18 23	0 57	24 31	1 47	16 4	0 15	21 51	0 57	24 2	0 50	9 22	0 47	22 35	0 46	0 23	11 48	23 13	23 4	23 12			n.a.
F 20	17 38	19 48	1 18	19 8	1 6	24 20	1 37	16 17	0 16	21 51	0 58	24 2	0 50	9 23	0 47	22 35	0 46	0 23	11 48	23 13	23 5	23 11			n.a.
S 21	17 54	16 6	2 18	19 50	1 14	24 8	1 26	16 29	0 16	21 51	0 58	24 1	0 50	9 23	0 47	22 34	0 46	0 23	11 48	23 13	23 5	23 9			n.a.
S 22	18 9	11 43	3 12	20 30	1 21	23 56	1 15	16 42	0 17	21 51	0 58	24 1	0 50	9 23	0 47	22 34	0 46	0 22	11 48	23 13	23 5	23 8			n.a.
M23	18 25	6 49	3 59	21 8	1 28	23 42	1 4	16 55	0 17	21 51	0 59	24 0	0 50	9 23	0 47	22 34	0 46	0 22	11 47	23 13	23 6	23 6			n.a.
T 24	18 40	1 32	4 36	21 44	1 34	23 28	0 52	17 7	0 18	21 51	0 59	24 0	0 50	9 23	0 47	22 34	0 46	0 22	11 47	23 13	23 6	23 5			n.a.
W25	18 54	3s58	5 0	22 16	1 39	23 14	0 39	17 19	0 18	21 51	0 59	23 59	0 50	9 23	0 47	22 34	0 46	0 22	11 47	23 14	23 6	23 3			n.a.
T 26	19 9	9 28	5 8	22 46	1 44	22 58	0 27	17 31	0 19	21 52	0 59	23 59	0 50	9 23	0 47	22 34	0 46	0 21	11 47	23 14	23 6	23 1			n.a.
F 27	19 23	14 41	5 0	23 14	1 48	22 42	0 14	17 43	0 20	21 52	1 0	23 58	0 50	9 23	0 47	22 34	0 46	0 21	11 46	23 15	23 7	23 0			n.a.
S 28	19 36	19 17	4 33	23 39	1 51	22 25	0 1	17 55	0 20	21 52	1 0	23 58	0 51	9 23	0 47	22 34	0 46	0 21	11 46	23 16	23 7	22 58			n.a.
S 29	19 50	22 49	3 48	24 1	1 54	22 8	0s13	18 6	0 21	21 52	1 0	23 57	0 51	9 22	0 47	22 33	0 46	0 21	11 46	23 16	23 7	22 57			n.a.
M30	20 3	24 54	2 48	24 21	1 56	21 50	0 26	18 18	0 21	21 53	1 1	23 56	0 51	9 22	0 47	22 33	0 46	0 20	11 45	23 17	23 8	22 55			n.a.
T 31	20n16	25s15	1s36	24n38	1n57	21n31	0s40	18n29	0n22	21s53	1s 1	23n56	0n51	9n22	0n47	22s33	0n46	0s20	11n45	23s17	23s 8	22n53			n.a.

Julian Day Number = 1367616.5, Delta T = 06h53m28s
Ecliptic obliquity = 23°48'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°26'56, Lahiri = -17°19'56 Julian Calendar 1 May 969 BCE == Greg. Calendar 22 Apr. 969 BCE

The year -968 astronomical counting style corresponds to year 969 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 969 BCE
geocentric

JUNE 969 BCE (-968) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 1 12	0♊ 1'25	8♉38	14♊44	8°R44	21♉ 7	27°R56	13♋50	8♍ 8	18°R37	29°R 5	11°D42	13♉15	14♋40	n.a.	W 1
T 2	16 5 9	0°58'30	23°18	16°36	8♊10	21°46	27♉55	13°56	8° 8	18♐35	29♎ 4	11♉43	13°12	14°47	n.a.	T 2
F 3	16 9 5	1°55'35	7♒45	18°25	7°34	22°26	27°54	14° 2	8° 9	18°34	29° 2	11°44	13° 8	14°53	n.a.	F 3
S 4	16 13 2	2°52'41	21°57	20°12	6°58	23° 5	27°52	14° 8	8° 9	18°32	29° 1	11°45	13° 5	15° 0	n.a.	S 4
S 5	16 16 58	3°49'47	5♓51	21°58	6°21	23°45	27°51	14°15	8°10	18°31	29° 0	11°R45	13° 2	15° 6	n.a.	S 5
M 6	16 20 55	4°46'54	19°28	23°42	5°44	24°24	27°49	14°21	8°10	18°29	28°58	11°45	12°59	15°13	n.a.	M 6
T 7	16 24 51	5°44'02	2♈49	25°23	5° 7	25° 4	27°47	14°27	8°11	18°28	28°57	11°42	12°56	15°20	n.a.	T 7
W 8	16 28 48	6°41'10	15°54	27° 3	4°30	25°43	27°44	14°34	8°11	18°26	28°56	11°38	12°52	15°26	n.a.	W 8
T 9	16 32 44	7°38'20	28°45	28°41	3°53	26°22	27°42	14°40	8°12	18°24	28°55	11°33	12°49	15°33	n.a.	T 9
F 10	16 36 41	8°35'30	11♉22	0♋17	3°17	27° 2	27°39	14°47	8°13	18°23	28°54	11°27	12°46	15°40	n.a.	F 10
S 11	16 40 38	9°32'41	23°48	1°50	2°41	27°41	27°37	14°54	8°14	18°21	28°53	11°22	12°43	15°46	n.a.	S 11
S 12	16 44 34	10°29'52	6♊ 2	3°22	2° 6	28°20	27°34	15° 0	8°15	18°20	28°51	11°17	12°40	15°53	n.a.	S 12
M13	16 48 31	11°27'04	18° 6	4°52	1°33	28°59	27°30	15° 7	8°16	18°18	28°50	11°14	12°37	16° 0	n.a.	M13
T 14	16 52 27	12°24'17	0♋ 2	6°20	1° 1	29°38	27°27	15°14	8°17	18°16	28°49	11°12	12°33	16° 6	n.a.	T 14
W15	16 56 24	13°21'31	11°52	7°46	0°30	0♊18	27°24	15°20	8°18	18°15	28°48	11°D11	12°30	16°13	n.a.	W15
T 16	17 0 20	14°18'45	23°39	9°10	0° 2	0°57	27°20	15°27	8°19	18°13	28°47	11°12	12°27	16°20	n.a.	T 16
F 17	17 4 17	15°16'00	5♌26	10°32	29♉35	1°36	27°16	15°34	8°20	18°12	28°46	11°13	12°24	16°26	n.a.	F 17
S 18	17 8 14	16°13'15	17°16	11°52	29°10	2°15	27°12	15°41	8°21	18°10	28°45	11°15	12°21	16°33	n.a.	S 18
S 19	17 12 10	17°10'31	29°16	13° 9	28°47	2°54	27° 8	15°48	8°22	18° 8	28°44	11°17	12°18	16°40	n.a.	S 19
M20	17 16 7	18° 7'47	11♍28	14°25	28°26	3°33	27° 3	15°55	8°24	18° 7	28°44	11°18	12°14	16°46	n.a.	M20
T 21	17 20 3	19° 5'04	23°57	15°38	28° 8	4°12	26°59	16° 2	8°25	18° 5	28°43	11°R18	12°11	16°53	n.a.	T 21
W22	17 24 0	20° 2'22	6♎49	16°49	27°52	4°51	26°54	16° 9	8°26	18° 3	28°42	11°17	12° 8	16°59	n.a.	W22
T 23	17 27 56	20°59'40	20° 5	17°57	27°38	5°30	26°49	16°16	8°28	18° 2	28°41	11°15	12° 5	17° 6	n.a.	T 23
F 24	17 31 53	21°57'00	3♏49	19° 3	27°26	6° 8	26°44	16°23	8°29	18° 0	28°40	11°13	12° 2	17°13	n.a.	F 24
S 25	17 35 49	22°54'20	18° 0	20° 6	27°17	6°47	26°39	16°30	8°31	17°59	28°39	11°10	11°58	17°19	n.a.	S 25
S 26	17 39 46	23°51'41	2♐35	21° 7	27°10	7°26	26°33	16°37	8°32	17°57	28°39	11° 8	11°55	17°26	n.a.	S 26
M27	17 43 43	24°49'03	17°29	22° 4	27° 6	8° 5	26°28	16°45	8°34	17°55	28°38	11° 7	11°52	17°33	n.a.	M27
T 28	17 47 39	25°46'26	2♑33	22°59	27°D 4	8°44	26°22	16°52	8°36	17°54	28°37	11° 6	11°49	17°39	n.a.	T 28
W29	17 51 36	26°43'50	17°40	23°51	27° 5	9°22	26°16	16°59	8°37	17°52	28°37	11°D 6	11°46	17°46	n.a.	W29
T 30	17 55 32	27♊41'16	2♒40	24♋39	27♉ 7	10♊ 1	26♑10	17♋ 6	8♍39	17♐51	28♎36	11♑ 6	11♑43	17♋53	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n28	23s48	0s17	24n52	1n58	21n12	0s54	18n41	0n22	21s54	1s 1	23n55	0n51	9n22	0n47	22s33	0n46	0s20	11n45	23s17	23s 8	22n52		n.a.
T 2	20 40	20 44	1n 3	25 5	1 58	20 53	1 8	18 52	0 23	21 54	1 2	23 55	0 51	9 22	0 47	22 33	0 46	0 20	11 45	23 17	23 9	22 50		n.a.
F 3	20 52	16 25	2 17	25 15	1 57	20 34	1 22	19 2	0 23	21 55	1 2	23 54	0 51	9 22	0 46	22 33	0 46	0 20	11 44	23 17	23 9	22 49		n.a.
S 4	21 4	11 14	3 21	25 22	1 56	20 14	1 36	19 13	0 24	21 55	1 2	23 53	0 51	9 21	0 46	22 33	0 46	0 20	11 44	23 17	23 9	22 47		n.a.
S 5	21 15	5 36	4 13	25 28	1 54	19 54	1 50	19 24	0 25	21 56	1 2	23 53	0 51	9 21	0 46	22 33	0 46	0 19	11 44	23 17	23 10	22 45		n.a.
M 6	21 25	0n11	4 48	25 31	1 52	19 34	2 4	19 34	0 25	21 57	1 3	23 52	0 51	9 21	0 46	22 32	0 46	0 19	11 43	23 17	23 10	22 44		n.a.
T 7	21 36	5 50	5 8	25 32	1 49	19 14	2 18	19 45	0 26	21 57	1 3	23 51	0 51	9 21	0 46	22 32	0 46	0 19	11 43	23 17	23 10	22 42		n.a.
W 8	21 46	11 7	5 11	25 32	1 45	18 54	2 31	19 55	0 26	21 58	1 3	23 51	0 51	9 20	0 46	22 32	0 46	0 19	11 43	23 18	23 11	22 40		n.a.
T 9	21 55	15 49	4 58	25 29	1 41	18 34	2 44	20 5	0 27	21 59	1 4	23 50	0 51	9 20	0 46	22 32	0 46	0 19	11 42	23 18	23 11	22 39		n.a.
F 10	22 5	19 45	4 30	25 25	1 36	18 15	2 57	20 15	0 27	22 0	1 4	23 49	0 51	9 20	0 46	22 32	0 46	0 19	11 42	23 19	23 11	22 37		n.a.
S 11	22 14	22 44	3 51	25 19	1 31	17 56	3 9	20 24	0 28	22 1	1 4	23 48	0 51	9 19	0 46	22 32	0 46	0 19	11 42	23 19	23 12	22 35		n.a.
S 12	22 22	24 37	3 1	25 12	1 26	17 37	3 21	20 34	0 29	22 2	1 5	23 48	0 51	9 19	0 46	22 32	0 46	0 19	11 41	23 19	23 12	22 34		n.a.
M13	22 30	25 19	2 3	25 3	1 19	17 19	3 32	20 43	0 29	22 3	1 5	23 47	0 51	9 19	0 46	22 31	0 46	0 19	11 41	23 20	23 12	22 32		n.a.
T 14	22 38	24 50	1 1	24 52	1 13	17 2	3 43	20 52	0 30	22 3	1 5	23 46	0 51	9 18	0 46	22 31	0 46	0 19	11 41	23 20	23 12	22 30		n.a.
W15	22 45	23 13	0s 4	24 41	1 6	16 46	3 54	21 1	0 30	22 4	1 5	23 46	0 51	9 18	0 46	22 31	0 46	0 19	11 40	23 20	23 13	22 29		n.a.
T 16	22 52	20 35	1 8	24 28	0 58	16 30	4 3	21 10	0 31	22 6	1 6	23 45	0 51	9 17	0 46	22 31	0 46	0 19	11 40	23 20	23 13	22 27		n.a.
F 17	22 59	17 7	2 10	24 14	0 51	16 16	4 13	21 19	0 31	22 7	1 6	23 44	0 51	9 17	0 46	22 31	0 46	0 19	11 39	23 20	23 13	22 25		n.a.
S 18	23 5	12 57	3 6	23 59	0 42	16 2	4 21	21 27	0 32	22 8	1 6	23 43	0 51	9 16	0 46	22 31	0 46	0 19	11 39	23 20	23 14	22 24		n.a.
S 19	23 11	8 15	3 55	23 43	0 34	15 49	4 29	21 36	0 32	22 9	1 7	23 42	0 51	9 16	0 46	22 31	0 46	0 19	11 39	23 19	23 14	22 22		n.a.
M20	23 16	3 10	4 34	23 26	0 25	15 37	4 37	21 44	0 33	22 10	1 7	23 42	0 51	9 15	0 46	22 31	0 46	0 19	11 38	23 19	23 14	22 20		n.a.
T 21	23 21	2s10	5 1	23 8	0 15	15 26	4 44	21 52	0 33	22 11	1 7	23 41	0 51	9 15	0 46	22 30	0 46	0 19	11 38	23 19	23 15	22 18		n.a.
W22	23 26	7 33	5 15	22 50	0 6	15 17	4 50	21 59	0 34	22 12	1 7	23 40	0 51	9 14	0 46	22 30	0 46	0 19	11 37	23 19	23 15	22 17		n.a.
T 23	23 30	12 46	5 12	22 31	0s 4	15 8	4 56	22 7	0 35	22 14	1 8	23 39	0 51	9 14	0 46	22 30	0 46	0 19	11 37	23 20	23 15	22 15		n.a.
F 24	23 34	17 33	4 52	22 12	0 15	15 0	5 1	22 15	0 35	22 15	1 8	23 38	0 51	9 13	0 46	22 30	0 46	0 19	11 37	23 20	23 15	22 13		n.a.
S 25	23 37	21 30	4 13	21 52	0 25	14 54	5 6	22 22	0 36	22 16	1 8	23 38	0 51	9 12	0 46	22 30	0 46	0 19	11 36	23 20	23 16	22 12		n.a.
S 26	23 40	24 13	3 17	21 32	0 36	14 48	5 10	22 29	0 36	22 17	1 9	23 37	0 52	9 12	0 45	22 30	0 46	0 19	11 36	23 20	23 16	22 10		n.a.
M27	23 42	25 19	2 7	21 12	0 47	14 44	5 14	22 36	0 37	22 19	1 9	23 36	0 52	9 11	0 45	22 30	0 46	0 20	11 35	23 20	23 16	22 8		n.a.
T 28	23 45	24 34	0 47	20 51	0 59	14 40	5 17	22 43	0 37	22 20	1 9	23 35	0 52	9 10	0 45	22 29	0 46	0 20	11 35	23 20	23 17	22 6		n.a.
W29	23 46	22 1	0n36	20 31	1 10	14 38	5 19	22 49	0 38	22 21	1 9	23 34	0 52	9 10	0 45	22 29	0 46	0 20	11 35	23 20	23 17	22 5		n.a.
T 30	23n47	17s58	1n57	20n11	1s22	14n36	5s22	22n56	0n38	22s23	1s10	23n33	0n52	9n 9	0n45	22s29	0n46	0s20	11n34	23s20	23s17	22n 3		n.a.

Julian Day Number = 1367647.5, Delta T = 06h53m27s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°26'52, Lahiri = -17°19'52 Julian Calendar 1 June 969 BCE == Greg. Calendar 23 May 969 BCE

The year -968 astronomical counting style corresponds to year 969 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 969 BCE
geocentric

JULY 969 BCE (-968) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 59 29	28♊38'43	17♒26	25♋24	27♉12	10♊40	26°R 4	17♋14	8♍41	17°R49	28°R35	11♑ 7	11♑39	17♋59	n.a.	F 1
S 2	18 3 25	29°36'11	1♓52	26° 6	27°19	11°18	25♑58	17°21	8°43	17♐47	28♎35	11° 8	11°36	18° 6	n.a.	S 2
S 3	18 7 22	0♋33'41	15°55	26°44	27°29	11°57	25°52	17°28	8°45	17°46	28°34	11° 9	11°33	18°13	n.a.	S 3
M 4	18 11 19	1°31'12	29°35	27°17	27°40	12°35	25°45	17°36	8°47	17°44	28°34	11°R 9	11°30	18°19	n.a.	M 4
T 5	18 15 15	2°28'45	12♈52	27°47	27°54	13°14	25°39	17°43	8°49	17°43	28°33	11° 9	11°27	18°26	n.a.	T 5
W 6	18 19 12	3°26'20	25°49	28°12	28° 9	13°52	25°32	17°50	8°51	17°41	28°33	11° 8	11°24	18°33	n.a.	W 6
T 7	18 23 8	4°23'57	8♉27	28°33	28°27	14°31	25°25	17°58	8°53	17°40	28°32	11° 8	11°20	18°39	n.a.	T 7
F 8	18 27 5	5°21'35	20°51	28°49	28°46	15° 9	25°18	18° 5	8°55	17°38	28°32	11° 7	11°17	18°46	n.a.	F 8
S 9	18 31 1	6°19'14	3♊ 2	29° 0	29° 7	15°48	25°11	18°13	8°57	17°36	28°32	11° 6	11°14	18°52	n.a.	S 9
S 10	18 34 58	7°16'56	15° 3	29° 6	29°30	16°26	25° 4	18°20	8°59	17°35	28°31	11° 6	11°11	18°59	n.a.	S 10
M11	18 38 54	8°14'39	26°58	29°R 6	29°55	17° 5	24°57	18°28	9° 2	17°33	28°31	11° 5	11° 8	19° 6	n.a.	M11
T 12	18 42 51	9°12'23	8♋48	29° 1	0♊21	17°43	24°50	18°35	9° 4	17°32	28°31	11°D 5	11° 4	19°12	n.a.	T 12
W13	18 46 48	10°10'09	20°35	28°51	0°49	18°21	24°42	18°43	9° 6	17°31	28°31	11° 5	11° 1	19°19	n.a.	W13
T 14	18 50 44	11° 7'57	2♌22	28°34	1°18	19° 0	24°35	18°50	9° 9	17°29	28°30	11°R 5	10°58	19°26	n.a.	T 14
F 15	18 54 41	12° 5'46	14°11	28°12	1°49	19°38	24°27	18°58	9°11	17°28	28°30	11° 5	10°55	19°32	n.a.	F 15
S 16	18 58 37	13° 3'36	26° 6	27°44	2°21	20°16	24°20	19° 5	9°14	17°26	28°30	11° 5	10°52	19°39	n.a.	S 16
S 17	19 2 34	14° 1'28	8♍ 8	27°10	2°54	20°54	24°12	19°13	9°16	17°25	28°30	11° 5	10°49	19°46	n.a.	S 17
M18	19 6 30	14°59'21	20°22	26°32	3°29	21°33	24° 4	19°20	9°19	17°23	28°30	11° 4	10°45	19°52	n.a.	M18
T 19	19 10 27	15°57'16	2♎51	25°48	4° 5	22°11	23°57	19°28	9°21	17°22	28°D30	11° 4	10°42	19°59	n.a.	T 19
W20	19 14 23	16°55'12	15°40	25° 1	4°43	22°49	23°49	19°35	9°24	17°21	28°30	11°D 4	10°39	20° 6	n.a.	W20
T 21	19 18 20	17°53'10	28°50	24°10	5°21	23°27	23°41	19°43	9°27	17°19	28°30	11° 4	10°36	20°12	n.a.	T 21
F 22	19 22 17	18°51'09	12♏25	23°16	6° 1	24° 5	23°33	19°50	9°29	17°18	28°30	11° 5	10°33	20°19	n.a.	F 22
S 23	19 26 13	19°49'10	26°27	22°21	6°41	24°43	23°25	19°58	9°32	17°17	28°30	11° 5	10°30	20°26	n.a.	S 23
S 24	19 30 10	20°47'12	10♐54	21°25	7°23	25°21	23°17	20° 5	9°35	17°15	28°30	11° 6	10°26	20°32	n.a.	S 24
M25	19 34 6	21°45'16	25°43	20°29	8° 6	25°59	23° 9	20°13	9°38	17°14	28°30	11° 7	10°23	20°39	n.a.	M25
T 26	19 38 3	22°43'21	10♑48	19°35	8°50	26°37	23° 1	20°21	9°41	17°13	28°31	11°R 7	10°20	20°45	n.a.	T 26
W27	19 41 59	23°41'29	26° 1	18°45	9°34	27°15	22°54	20°28	9°44	17°12	28°31	11° 7	10°17	20°52	n.a.	W27
T 28	19 45 56	24°39'38	11♒12	17°58	10°20	27°53	22°46	20°36	9°46	17°10	28°31	11° 6	10°14	20°59	n.a.	T 28
F 29	19 49 52	25°37'49	26°12	17°17	11° 6	28°31	22°38	20°43	9°49	17° 9	28°31	11° 4	10°10	21° 5	n.a.	F 29
S 30	19 53 49	26°36'02	10♓52	16°42	11°54	29° 9	22°30	20°51	9°52	17° 8	28°32	11° 2	10° 7	21°12	n.a.	S 30
S 31	19 57 46	27♋34'17	25♓ 8	16♋14	12♊42	29♊47	22♑22	20♋58	9♍55	17♐ 7	28♎32	11♑ 0	10♑ 4	21♋19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n48	12s52	3n 8	19n51	1s34	14n36	5s23	23n 2	0n39	22s24	1s10	23n32	0n52	9n 8	0n45	22s29	0n46	0s20	11n34	23s20	23s17	22n 1		n.a.	F 1
S 2	23 49	7 9	4 6	19 31	1 46	14 36	5 25	23 8	0 39	22 26	1 10	23 31	0 52	9 7	0 45	22 29	0 46	0 21	11 33	23 20	23 18	21 59		n.a.	S 2
S 3	23 49	1 14	4 47	19 12	1 58	14 37	5 26	23 14	0 40	22 27	1 10	23 30	0 52	9 7	0 45	22 29	0 46	0 21	11 33	23 20	23 18	21 58		n.a.	S 3
M 4	23 48	4n34	5 11	18 53	2 11	14 39	5 26	23 20	0 40	22 29	1 11	23 30	0 52	9 6	0 45	22 29	0 46	0 21	11 32	23 20	23 18	21 56		n.a.	M 4
T 5	23 47	10 1	5 17	18 36	2 23	14 42	5 26	23 25	0 41	22 30	1 11	23 29	0 52	9 5	0 45	22 29	0 46	0 21	11 32	23 20	23 19	21 54		n.a.	T 5
W 6	23 46	14 52	5 7	18 19	2 35	14 45	5 26	23 30	0 42	22 32	1 11	23 28	0 52	9 4	0 45	22 28	0 46	0 21	11 32	23 20	23 19	21 52		n.a.	W 6
T 7	23 44	18 59	4 42	18 3	2 47	14 50	5 26	23 36	0 42	22 33	1 11	23 27	0 52	9 3	0 45	22 28	0 46	0 22	11 31	23 20	23 19	21 50		n.a.	T 7
F 8	23 42	22 10	4 4	17 48	2 59	14 55	5 25	23 41	0 43	22 35	1 11	23 26	0 52	9 3	0 45	22 28	0 46	0 22	11 31	23 20	23 19	21 49		n.a.	F 8
S 9	23 39	24 18	3 16	17 34	3 11	15 0	5 24	23 45	0 43	22 36	1 12	23 25	0 52	9 2	0 45	22 28	0 46	0 22	11 30	23 20	23 20	21 47		n.a.	S 9
S 10	23 36	25 16	2 20	17 22	3 22	15 6	5 23	23 50	0 44	22 38	1 12	23 24	0 52	9 1	0 45	22 28	0 46	0 23	11 30	23 20	23 20	21 45		n.a.	S 10
M11	23 33	25 4	1 18	17 11	3 33	15 13	5 21	23 54	0 44	22 39	1 12	23 23	0 52	9 0	0 45	22 28	0 45	0 23	11 29	23 20	23 20	21 43		n.a.	M11
T 12	23 29	23 44	0 13	17 2	3 43	15 20	5 19	23 59	0 45	22 41	1 12	23 22	0 52	8 59	0 45	22 28	0 45	0 23	11 29	23 20	23 20	21 41		n.a.	T 12
W13	23 25	21 20	0s53	16 55	3 53	15 28	5 17	24 3	0 45	22 42	1 12	23 21	0 53	8 58	0 45	22 28	0 45	0 24	11 28	23 20	23 21	21 40		n.a.	W13
T 14	23 20	18 4	1 56	16 49	4 2	15 36	5 15	24 6	0 46	22 44	1 13	23 20	0 53	8 57	0 45	22 27	0 45	0 24	11 28	23 20	23 21	21 38		n.a.	T 14
F 15	23 15	14 3	2 54	16 46	4 10	15 45	5 13	24 10	0 46	22 45	1 13	23 19	0 53	8 56	0 45	22 27	0 45	0 24	11 27	23 20	23 21	21 36		n.a.	F 15
S 16	23 10	9 29	3 45	16 45	4 17	15 53	5 10	24 14	0 47	22 47	1 13	23 18	0 53	8 55	0 45	22 27	0 45	0 25	11 27	23 20	23 22	21 34		n.a.	S 16
S 17	23 4	4 32	4 27	16 46	4 22	16 3	5 7	24 17	0 47	22 48	1 13	23 17	0 53	8 54	0 45	22 27	0 45	0 25	11 27	23 20	23 22	21 32		n.a.	S 17
M18	22 57	0s40	4 57	16 49	4 26	16 12	5 4	24 20	0 48	22 50	1 13	23 16	0 53	8 53	0 45	22 27	0 45	0 26	11 26	23 20	23 22	21 30		n.a.	M18
T 19	22 50	5 57	5 14	16 54	4 29	16 22	5 1	24 23	0 48	22 52	1 14	23 15	0 53	8 52	0 45	22 27	0 45	0 26	11 26	23 20	23 22	21 29		n.a.	T 19
W20	22 43	11 7	5 17	17 2	4 30	16 32	4 57	24 26	0 49	22 53	1 14	23 14	0 53	8 51	0 45	22 27	0 45	0 26	11 25	23 21	23 23	21 27		n.a.	W20
T 21	22 36	15 56	5 3	17 12	4 29	16 43	4 54	24 28	0 49	22 55	1 14	23 13	0 53	8 50	0 45	22 27	0 45	0 27	11 25	23 21	23 23	21 25		n.a.	T 21
F 22	22 28	20 6	4 31	17 24	4 26	16 53	4 50	24 30	0 50	22 56	1 14	23 12	0 53	8 49	0 44	22 27	0 45	0 27	11 24	23 20	23 23	21 23		n.a.	F 22
S 23	22 19	23 17	3 43	17 37	4 22	17 4	4 46	24 33	0 50	22 58	1 14	23 11	0 53	8 48	0 44	22 27	0 45	0 28	11 24	23 20	23 23	21 21		n.a.	S 23
S 24	22 11	25 4	2 40	17 53	4 15	17 15	4 42	24 35	0 51	22 59	1 14	23 10	0 53	8 47	0 44	22 26	0 45	0 28	11 23	23 20	23 24	21 19		n.a.	S 24
M25	22 1	25 9	1 24	18 10	4 6	17 25	4 38	24 36	0 51	23 1	1 14	23 9	0 53	8 46	0 44	22 26	0 45	0 29	11 23	23 20	23 24	21 17		n.a.	M25
T 26	21 52	23 24	0 2	18 28	3 56	17 36	4 34	24 38	0 52	23 2	1 15	23 8	0 54	8 45	0 44	22 26	0 45	0 29	11 22	23 20	23 24	21 15		n.a.	T 26
W27	21 42	19 56	1n22	18 47	3 44	17 47	4 30	24 39	0 52	23 4	1 15	23 6	0 54	8 43	0 44	22 26	0 45	0 30	11 22	23 20	23 24	21 14		n.a.	W27
T 28	21 31	15 8	2 39	19 7	3 30	17 58	4 25	24 41	0 53	23 5	1 15	23 5	0 54	8 42	0 44	22 26	0 45	0 30	11 21	23 20	23 25	21 12		n.a.	T 28
F 29	21 21	9 28	3 45	19 27	3 15	18 9	4 21	24 42	0 54	23 7	1 15	23 4	0 54	8 41	0 44	22 26	0 45	0 31	11 21	23 20	23 25	21 10		n.a.	F 29
S 30	21 10	3 23	4 34	19 48	2 59	18 20	4 16	24 43	0 54	23 8	1 15	23 3	0 54	8 40	0 44	22 26	0 45	0 31	11 20	23 21	23 25	21 8		n.a.	S 30
S 31	20n58	2n41	5n 4	20n 8	2s42	18n31	4s11	24n43	0n55	23s 9	1s15	23n 2	0n54	8n39	0n44	22s26	0n45	0s32	11n20	23s21	23s25	21n 6		n.a.	S 31

Julian Day Number = 1367677.5, Delta T = 06h53m25s
Ecliptic obliquity = 23°48'40, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°26'48, Lahiri = -17°19'48 Julian Calendar 1 July 969 BCE == Greg. Calendar 22 June 969 BCE

The year -968 astronomical counting style corresponds to year 969 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 969 BCE
geocentric

AUGUST 969 BCE (-968) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 1 42	28♋32'34	8♈56	15°R53	13♊31	0♋25	22°R14	21♋ 6	9♍58	17°R 6	28♎33	10°R59	10♑ 1	21♋25	n.a.	M 1
T 2	20 5 39	29°30'54	22°17	15♋41	14°20	1° 3	22♑ 6	21°13	10° 2	17♐ 5	28°33	10♑58	9°58	21°32	n.a.	T 2
W 3	20 9 35	0♌29'16	5♉13	15°D38	15°11	1°41	21°59	21°21	10° 5	17° 4	28°34	10°D58	9°55	21°39	n.a.	W 3
T 4	20 13 32	1°27'40	17°48	15°44	16° 2	2°18	21°51	21°28	10° 8	17° 3	28°34	10°59	9°51	21°45	n.a.	T 4
F 5	20 17 28	2°26'07	0♊ 4	15°59	16°54	2°56	21°43	21°36	10°11	17° 1	28°35	11° 0	9°48	21°52	n.a.	F 5
S 6	20 21 25	3°24'35	12° 7	16°23	17°47	3°34	21°36	21°43	10°14	17° 0	28°35	11° 2	9°45	21°59	n.a.	S 6
S 7	20 25 21	4°23'06	24° 1	16°55	18°40	4°12	21°28	21°51	10°17	17° 0	28°36	11° 3	9°42	22° 5	n.a.	S 7
M 8	20 29 18	5°21'40	5♋50	17°37	19°34	4°49	21°20	21°58	10°21	16°59	28°36	11°R 4	9°39	22°12	n.a.	M 8
T 9	20 33 14	6°20'15	17°37	18°26	20°28	5°27	21°13	22° 6	10°24	16°58	28°37	11° 4	9°36	22°19	n.a.	T 9
W10	20 37 11	7°18'53	29°24	19°24	21°23	6° 5	21° 6	22°13	10°27	16°57	28°38	11° 3	9°32	22°25	n.a.	W10
T 11	20 41 8	8°17'32	11♌15	20°28	22°18	6°42	20°58	22°20	10°31	16°56	28°38	11° 0	9°29	22°32	n.a.	T 11
F 12	20 45 4	9°16'14	23°11	21°39	23°14	7°20	20°51	22°28	10°34	16°55	28°39	10°56	9°26	22°39	n.a.	F 12
S 13	20 49 1	10°14'58	5♍14	22°57	24°11	7°57	20°44	22°35	10°37	16°54	28°40	10°51	9°23	22°45	n.a.	S 13
S 14	20 52 57	11°13'43	17°26	24°20	25° 8	8°35	20°37	22°42	10°41	16°53	28°41	10°46	9°20	22°52	n.a.	S 14
M15	20 56 54	12°12'31	29°48	25°47	26° 6	9°12	20°30	22°50	10°44	16°53	28°42	10°41	9°16	22°58	n.a.	M15
T 16	21 0 50	13°11'20	12♎23	27°19	27° 4	9°50	20°24	22°57	10°48	16°52	28°43	10°36	9°13	23° 5	n.a.	T 16
W17	21 4 47	14°10'12	25°13	28°55	28° 2	10°27	20°17	23° 4	10°51	16°51	28°44	10°33	9°10	23°12	n.a.	W17
T 18	21 8 43	15° 9'05	8♏21	0♌34	29° 1	11° 5	20°11	23°11	10°55	16°51	28°45	10°32	9° 7	23°18	n.a.	T 18
F 19	21 12 40	16° 8'01	21°49	2°15	0♋ 1	11°42	20° 4	23°18	10°58	16°50	28°46	10°D32	9° 4	23°25	n.a.	F 19
S 20	21 16 37	17° 6'58	5♐38	3°59	1° 0	12°20	19°58	23°26	11° 2	16°49	28°47	10°33	9° 1	23°32	n.a.	S 20
S 21	21 20 33	18° 5'57	19°49	5°44	2° 1	12°57	19°52	23°33	11° 5	16°49	28°48	10°34	8°57	23°38	n.a.	S 21
M22	21 24 30	19° 4'58	4♑22	7°30	3° 1	13°34	19°46	23°40	11° 9	16°48	28°49	10°R35	8°54	23°45	n.a.	M22
T 23	21 28 26	20° 4'01	19°13	9°18	4° 2	14°12	19°40	23°47	11°13	16°48	28°50	10°35	8°51	23°52	n.a.	T 23
W24	21 32 23	21° 3'06	4♒15	11° 6	5° 4	14°49	19°34	23°54	11°16	16°47	28°51	10°33	8°48	23°58	n.a.	W24
T 25	21 36 19	22° 2'12	19°21	12°54	6° 5	15°26	19°29	24° 1	11°20	16°47	28°52	10°29	8°45	24° 5	n.a.	T 25
F 26	21 40 16	23° 1'21	4♓22	14°43	7° 7	16° 3	19°23	24° 8	11°23	16°46	28°53	10°24	8°41	24°12	n.a.	F 26
S 27	21 44 12	24° 0'33	19° 7	16°31	8°10	16°41	19°18	24°15	11°27	16°46	28°55	10°17	8°38	24°18	n.a.	S 27
S 28	21 48 9	24°59'46	3♈31	18°19	9°13	17°18	19°13	24°22	11°31	16°46	28°56	10°10	8°35	24°25	n.a.	S 28
M29	21 52 5	25°59'02	17°27	20° 7	10°16	17°55	19° 8	24°28	11°34	16°45	28°57	10° 4	8°32	24°32	n.a.	M29
T 30	21 56 2	26°58'20	0♉55	21°55	11°19	18°32	19° 4	24°35	11°38	16°45	28°58	9°59	8°29	24°38	n.a.	T 30
W31	21 59 59	27♌57'41	13♉55	23♌42	12♋23	19♋ 9	18♑59	24♋42	11♍42	16♐45	29♎ 0	9♑56	8♑26	24♋45	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	20n46	8n25	5n16	20n28	2s24	18n42	4s 7	24n44	0n55	23s11	1s15	23n 1	0n54	8n38	0n44	22s26	0n45	0s33	11n20	23s21	23s26	21n 4			n.a.
T 2	20 34	13 35	5 10	20 48	2 6	18 52	4 2	24 44	0 56	23 12	1 15	23 0	0 54	8 36	0 44	22 26	0 45	0 33	11 19	23 21	23 26	21 2			n.a.
W 3	20 22	17 59	4 49	21 6	1 47	19 3	3 57	24 44	0 56	23 14	1 15	22 59	0 54	8 35	0 44	22 26	0 45	0 34	11 19	23 21	23 26	21 0			n.a.
T 4	20 9	21 27	4 13	21 24	1 29	19 13	3 52	24 44	0 57	23 15	1 15	22 58	0 54	8 34	0 44	22 26	0 45	0 34	11 18	23 21	23 26	20 58			n.a.
F 5	19 55	23 51	3 27	21 40	1 11	19 23	3 47	24 44	0 57	23 16	1 16	22 57	0 54	8 33	0 44	22 25	0 45	0 35	11 18	23 21	23 27	20 56			n.a.
S 6	19 42	25 7	2 33	21 55	0 53	19 33	3 42	24 43	0 58	23 18	1 16	22 55	0 55	8 31	0 44	22 25	0 45	0 36	11 17	23 21	23 27	20 55			n.a.
S 7	19 28	25 13	1 33	22 8	0 36	19 43	3 37	24 43	0 58	23 19	1 16	22 54	0 55	8 30	0 44	22 25	0 45	0 36	11 17	23 21	23 27	20 53			n.a.
M 8	19 13	24 10	0 29	22 19	0 19	19 53	3 32	24 42	0 59	23 20	1 16	22 53	0 55	8 29	0 44	22 25	0 45	0 37	11 16	23 21	23 27	20 51			n.a.
T 9	18 59	22 2	0s36	22 28	0 3	20 2	3 26	24 41	0 59	23 21	1 16	22 52	0 55	8 28	0 44	22 25	0 45	0 38	11 16	23 21	23 27	20 49			n.a.
W10	18 44	18 59	1 39	22 34	0n11	20 11	3 21	24 40	1 0	23 22	1 16	22 51	0 55	8 26	0 44	22 25	0 45	0 38	11 15	23 21	23 28	20 47			n.a.
T 11	18 28	15 8	2 38	22 39	0 25	20 19	3 16	24 38	1 0	23 24	1 16	22 50	0 55	8 25	0 44	22 25	0 45	0 39	11 15	23 21	23 28	20 45			n.a.
F 12	18 13	10 41	3 31	22 40	0 38	20 28	3 11	24 37	1 1	23 25	1 16	22 49	0 55	8 24	0 44	22 25	0 45	0 40	11 14	23 21	23 28	20 43			n.a.
S 13	17 57	5 48	4 14	22 39	0 50	20 36	3 5	24 35	1 1	23 26	1 16	22 48	0 55	8 22	0 44	22 25	0 45	0 40	11 14	23 22	23 28	20 41			n.a.
S 14	17 41	0 39	4 47	22 35	1 1	20 43	3 0	24 33	1 2	23 27	1 16	22 47	0 55	8 21	0 44	22 25	0 45	0 41	11 14	23 22	23 29	20 39			n.a.
M15	17 24	4s36	5 7	22 28	1 10	20 51	2 55	24 31	1 2	23 28	1 16	22 45	0 55	8 20	0 44	22 25	0 44	0 42	11 13	23 22	23 29	20 37			n.a.
T 16	17 7	9 44	5 12	22 18	1 19	20 57	2 49	24 29	1 3	23 29	1 16	22 44	0 56	8 18	0 44	22 25	0 44	0 43	11 13	23 23	23 29	20 35			n.a.
W17	16 50	14 35	5 2	22 6	1 26	21 4	2 44	24 26	1 3	23 30	1 16	22 43	0 56	8 17	0 44	22 25	0 44	0 43	11 12	23 23	23 29	20 33			n.a.
T 18	16 33	18 51	4 36	21 51	1 33	21 10	2 38	24 24	1 4	23 31	1 16	22 42	0 56	8 16	0 44	22 25	0 44	0 44	11 12	23 23	23 30	20 31			n.a.
F 19	16 15	22 17	3 55	21 33	1 38	21 16	2 33	24 21	1 4	23 32	1 16	22 41	0 56	8 14	0 44	22 25	0 44	0 45	11 11	23 23	23 30	20 29			n.a.
S 20	15 57	24 31	2 59	21 13	1 43	21 21	2 28	24 18	1 5	23 33	1 16	22 40	0 56	8 13	0 44	22 25	0 44	0 46	11 11	23 23	23 30	20 27			n.a.
S 21	15 39	25 15	1 51	20 51	1 46	21 26	2 22	24 15	1 5	23 34	1 16	22 39	0 56	8 11	0 44	22 25	0 44	0 46	11 10	23 23	23 30	20 25			n.a.
M22	15 20	24 18	0 34	20 26	1 49	21 30	2 17	24 12	1 6	23 35	1 16	22 38	0 56	8 10	0 44	22 25	0 44	0 47	11 10	23 23	23 30	20 23			n.a.
T 23	15 1	21 38	0n47	19 59	1 51	21 34	2 11	24 8	1 6	23 36	1 16	22 36	0 56	8 9	0 44	22 25	0 44	0 48	11 10	23 23	23 31	20 21			n.a.
W24	14 42	17 28	2 5	19 30	1 52	21 37	2 6	24 5	1 7	23 36	1 16	22 35	0 57	8 7	0 44	22 25	0 44	0 49	11 9	23 23	23 31	20 19			n.a.
T 25	14 23	12 10	3 15	19 0	1 52	21 40	2 0	24 1	1 7	23 37	1 16	22 34	0 57	8 6	0 44	22 25	0 44	0 50	11 9	23 23	23 31	20 17			n.a.
F 26	14 3	6 11	4 10	18 27	1 52	21 42	1 55	23 57	1 8	23 38	1 16	22 33	0 57	8 4	0 44	22 25	0 44	0 50	11 8	23 24	23 31	20 15			n.a.
S 27	13 43	0n 3	4 48	17 53	1 51	21 44	1 50	23 53	1 8	23 39	1 16	22 32	0 57	8 3	0 44	22 25	0 44	0 51	11 8	23 24	23 31	20 13			n.a.
S 28	13 23	6 6	5 7	17 18	1 49	21 45	1 44	23 48	1 9	23 39	1 16	22 31	0 57	8 2	0 44	22 25	0 44	0 52	11 7	23 25	23 32	20 11			n.a.
M29	13 3	11 39	5 6	16 42	1 47	21 46	1 39	23 44	1 9	23 40	1 16	22 30	0 57	8 0	0 44	22 25	0 44	0 53	11 7	23 25	23 32	20 9			n.a.
T 30	12 43	16 28	4 49	16 4	1 45	21 46	1 34	23 39	1 10	23 41	1 15	22 29	0 57	7 59	0 44	22 25	0 44	0 54	11 7	23 26	23 32	20 7			n.a.
W31	12n22	20n20	4n17	15n26	1n42	21n45	1s28	23n35	1n10	23s41	1s15	22n28	0n57	7n57	0n44	22s25	0n44	0s55	11n 6	23s26	23s32	20n 5			n.a.

Julian Day Number = 1367708.5, Delta T = 06h53m24s
Ecliptic obliquity = 23°48'40, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°26'44, Lahiri = -17°19'43 Julian Calendar 1 Aug. 969 BCE == Greg. Calendar 23 July 969 BCE

The year -968 astronomical counting style corresponds to year 969 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 969 BCE
geocentric

SEPTEMBER 969 BCE (-968) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 3 55	28♌57'04	26♉31	25♌29	13♋27	19♋46	18°R55	24♋49	11♍46	16°R44	29♎ 1	9°D55	8♏22	24♋52	n.a.	T 1
F 2	22 7 52	29°56'30	8♊47	27°15	14°32	20°23	18♏50	24°55	11°49	16♐44	29° 3	9♏55	8°19	24°58	n.a.	F 2
S 3	22 11 48	0♍55'58	20°48	29° 0	15°36	21° 1	18°46	25° 2	11°53	16°44	29° 4	9°56	8°16	25° 5	n.a.	S 3
S 4	22 15 45	1°55'29	2♋39	0♍45	16°41	21°38	18°42	25° 9	11°57	16°44	29° 5	9°57	8°13	25°11	n.a.	S 4
M 5	22 19 41	2°55'02	14°26	2°29	17°47	22°15	18°39	25°15	12° 1	16°44	29° 7	9°R57	8°10	25°18	n.a.	M 5
T 6	22 23 38	3°54'37	26°13	4°12	18°52	22°52	18°35	25°22	12° 4	16°44	29° 8	9°56	8° 7	25°25	n.a.	T 6
W 7	22 27 34	4°54'15	8♌ 3	5°55	19°58	23°28	18°32	25°28	12° 8	16°44	29°10	9°52	8° 3	25°31	n.a.	W 7
T 8	22 31 31	5°53'55	20° 0	7°37	21° 4	24° 5	18°29	25°34	12°12	16°D44	29°12	9°45	8° 0	25°38	n.a.	T 8
F 9	22 35 28	6°53'37	2♍ 6	9°18	22°10	24°42	18°26	25°41	12°16	16°44	29°13	9°37	7°57	25°45	n.a.	F 9
S 10	22 39 24	7°53'21	14°22	10°58	23°17	25°19	18°23	25°47	12°19	16°44	29°15	9°26	7°54	25°51	n.a.	S 10
S 11	22 43 21	8°53'08	26°49	12°38	24°24	25°56	18°21	25°53	12°23	16°44	29°16	9°15	7°51	25°58	n.a.	S 11
M12	22 47 17	9°52'56	9♎27	14°17	25°31	26°33	18°18	25°59	12°27	16°44	29°18	9° 4	7°47	26° 5	n.a.	M12
T 13	22 51 14	10°52'46	22°17	15°56	26°38	27°10	18°16	26° 5	12°31	16°44	29°20	8°54	7°44	26°11	n.a.	T 13
W14	22 55 10	11°52'39	5♏19	17°34	27°45	27°46	18°14	26°11	12°35	16°44	29°22	8°46	7°41	26°18	n.a.	W14
T 15	22 59 7	12°52'33	18°33	19°11	28°53	28°23	18°13	26°17	12°38	16°45	29°23	8°41	7°38	26°25	n.a.	T 15
F 16	23 3 3	13°52'29	2♐ 1	20°48	0♌ 1	29° 0	18°11	26°23	12°42	16°45	29°25	8°38	7°35	26°31	n.a.	F 16
S 17	23 7 0	14°52'27	15°44	22°24	1° 9	29°36	18°10	26°29	12°46	16°45	29°27	8°D38	7°32	26°38	n.a.	S 17
S 18	23 10 56	15°52'26	29°42	23°59	2°17	0♌13	18° 9	26°35	12°50	16°46	29°29	8°38	7°28	26°45	n.a.	S 18
M19	23 14 53	16°52'28	13♑57	25°34	3°26	0°49	18° 8	26°41	12°54	16°46	29°30	8°R38	7°25	26°51	n.a.	M19
T 20	23 18 50	17°52'31	28°25	27° 9	4°34	1°26	18° 7	26°46	12°57	16°46	29°32	8°37	7°22	26°58	n.a.	T 20
W21	23 22 46	18°52'36	13♒ 6	28°43	5°43	2° 3	18° 6	26°52	13° 1	16°47	29°34	8°33	7°19	27° 5	n.a.	W21
T 22	23 26 43	19°52'42	27°52	0♎16	6°52	2°39	18° 6	26°58	13° 5	16°47	29°36	8°26	7°16	27°11	n.a.	T 22
F 23	23 30 39	20°52'50	12♓36	1°49	8° 1	3°15	18°D 6	27° 3	13° 9	16°48	29°38	8°17	7°13	27°18	n.a.	F 23
S 24	23 34 36	21°53'01	27°11	3°21	9°10	3°52	18° 6	27° 8	13°13	16°48	29°40	8° 6	7° 9	27°25	n.a.	S 24
S 25	23 38 32	22°53'13	11♈30	4°53	10°20	4°28	18° 6	27°14	13°16	16°49	29°42	7°54	7° 6	27°31	n.a.	S 25
M26	23 42 29	23°53'27	25°25	6°25	11°30	5° 5	18° 7	27°19	13°20	16°49	29°44	7°43	7° 3	27°38	n.a.	M26
T 27	23 46 25	24°53'43	8♉55	7°56	12°40	5°41	18° 8	27°24	13°24	16°50	29°46	7°34	7° 0	27°45	n.a.	T 27
W28	23 50 22	25°54'02	21°58	9°26	13°50	6°17	18° 9	27°29	13°28	16°51	29°48	7°27	6°57	27°51	n.a.	W28
T 29	23 54 18	26°54'22	4♊37	10°57	15° 0	6°54	18°10	27°34	13°31	16°52	29°50	7°23	6°53	27°58	n.a.	T 29
F 30	23 58 15	27♍54'45	16♊55	12♎26	16♌10	7♌30	18♏11	27♋39	13♍35	16♐52	29♎52	7♏21	6♏50	28♋ 4	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n 1	23n 7	3n33	14n46	1n39	21n44	1s23	23n30	1n11	23s42	1s15	22n26	0n58	7n56	0n44	22s25	0n44	0s55	11n 6	23s26	23s33	20n 3		n.a.
F 2	11 40	24 45	2 40	14 6	1 35	21 43	1 18	23 25	1 11	23 42	1 15	22 25	0 58	7 54	0 44	22 25	0 44	0 56	11 5	23 26	23 33	20 1		n.a.
S 3	11 19	25 10	1 42	13 25	1 31	21 41	1 13	23 19	1 12	23 43	1 15	22 24	0 58	7 53	0 44	22 25	0 44	0 57	11 5	23 26	23 33	19 59		n.a.
S 4	10 57	24 26	0 39	12 43	1 26	21 38	1 8	23 14	1 12	23 43	1 15	22 23	0 58	7 51	0 44	22 25	0 44	0 58	11 5	23 26	23 33	19 57		n.a.
M 5	10 35	22 37	0s24	12 1	1 22	21 35	1 3	23 8	1 13	23 44	1 15	22 22	0 58	7 50	0 44	22 25	0 44	0 59	11 4	23 26	23 33	19 55		n.a.
T 6	10 14	19 49	1 26	11 18	1 17	21 31	0 58	23 3	1 13	23 44	1 15	22 21	0 58	7 48	0 44	22 25	0 44	1 0	11 4	23 26	23 34	19 53		n.a.
W 7	9 52	16 12	2 25	10 35	1 11	21 26	0 53	22 57	1 14	23 45	1 15	22 20	0 58	7 47	0 44	22 25	0 44	1 1	11 3	23 26	23 34	19 51		n.a.
T 8	9 29	11 55	3 18	9 52	1 6	21 21	0 48	22 51	1 14	23 45	1 15	22 19	0 59	7 46	0 44	22 25	0 44	1 2	11 3	23 27	23 34	19 49		n.a.
F 9	9 7	7 8	4 2	9 8	1 0	21 15	0 43	22 44	1 15	23 45	1 15	22 18	0 59	7 44	0 44	22 25	0 44	1 3	11 3	23 27	23 34	19 47		n.a.
S 10	8 44	2 1	4 36	8 24	0 54	21 9	0 38	22 38	1 15	23 45	1 15	22 17	0 59	7 43	0 44	22 25	0 44	1 3	11 2	23 28	23 34	19 44		n.a.
S 11	8 22	3s15	4 57	7 40	0 48	21 2	0 33	22 32	1 16	23 46	1 14	22 16	0 59	7 41	0 44	22 25	0 44	1 4	11 2	23 29	23 34	19 42		n.a.
M12	7 59	8 26	5 4	6 56	0 42	20 54	0 28	22 25	1 16	23 46	1 14	22 15	0 59	7 40	0 44	22 25	0 43	1 5	11 2	23 30	23 35	19 40		n.a.
T 13	7 36	13 22	4 56	6 11	0 36	20 46	0 23	22 18	1 17	23 46	1 14	22 14	0 59	7 38	0 44	22 25	0 43	1 6	11 1	23 30	23 35	19 38		n.a.
W14	7 13	17 46	4 32	5 27	0 30	20 38	0 19	22 11	1 17	23 46	1 14	22 13	0 59	7 37	0 44	22 25	0 43	1 7	11 1	23 31	23 35	19 36		n.a.
T 15	6 50	21 21	3 54	4 42	0 23	20 28	0 14	22 4	1 18	23 46	1 14	22 12	1 0	7 35	0 44	22 25	0 43	1 8	11 0	23 31	23 35	19 34		n.a.
F 16	6 26	23 51	3 2	3 58	0 17	20 18	0 10	21 57	1 18	23 47	1 14	22 11	1 0	7 34	0 44	22 25	0 43	1 9	11 0	23 31	23 35	19 32		n.a.
S 17	6 3	25 0	1 59	3 13	0 10	20 8	0 5	21 50	1 19	23 47	1 14	22 10	1 0	7 32	0 44	22 25	0 43	1 10	11 0	23 32	23 36	19 30		n.a.
S 18	5 39	24 36	0 47	2 29	0 4	19 57	0 1	21 42	1 19	23 47	1 14	22 9	1 0	7 31	0 44	22 25	0 43	1 11	10 59	23 31	23 36	19 28		n.a.
M19	5 16	22 36	0n28	1 44	0s 3	19 45	0n 4	21 35	1 20	23 47	1 14	22 8	1 0	7 29	0 44	22 25	0 43	1 12	10 59	23 31	23 36	19 26		n.a.
T 20	4 52	19 7	1 43	1 0	0 10	19 33	0 8	21 27	1 20	23 47	1 13	22 7	1 0	7 28	0 44	22 26	0 43	1 13	10 59	23 32	23 36	19 24		n.a.
W21	4 28	14 24	2 52	0 16	0 16	19 20	0 12	21 19	1 21	23 47	1 13	22 6	1 0	7 26	0 44	22 26	0 43	1 14	10 58	23 32	23 36	19 21		n.a.
T 22	4 4	8 49	3 50	0s28	0 23	19 6	0 16	21 11	1 21	23 46	1 13	22 5	1 1	7 25	0 44	22 26	0 43	1 15	10 58	23 32	23 37	19 19		n.a.
F 23	3 40	2 45	4 32	1 11	0 30	18 52	0 20	21 3	1 22	23 46	1 13	22 4	1 1	7 23	0 44	22 26	0 43	1 16	10 58	23 33	23 37	19 17		n.a.
S 24	3 16	3n23	4 56	1 55	0 36	18 38	0 24	20 55	1 22	23 46	1 13	22 3	1 1	7 22	0 44	22 26	0 43	1 17	10 57	23 34	23 37	19 15		n.a.
S 25	2 52	9 13	5 1	2 38	0 43	18 23	0 28	20 47	1 23	23 46	1 13	22 2	1 1	7 20	0 44	22 26	0 43	1 18	10 57	23 34	23 37	19 13		n.a.
M26	2 28	14 25	4 47	3 21	0 50	18 7	0 32	20 38	1 23	23 46	1 13	22 1	1 1	7 19	0 44	22 26	0 43	1 18	10 57	23 35	23 37	19 11		n.a.
T 27	2 4	18 45	4 18	4 3	0 56	17 51	0 36	20 30	1 24	23 46	1 13	22 0	1 1	7 18	0 44	22 26	0 43	1 19	10 57	23 35	23 37	19 9		n.a.
W28	1 39	22 1	3 36	4 45	1 3	17 34	0 40	20 21	1 24	23 45	1 12	22 0	1 2	7 16	0 44	22 26	0 43	1 20	10 56	23 36	23 38	19 7		n.a.
T 29	1 15	24 5	2 44	5 27	1 9	17 16	0 43	20 12	1 25	23 45	1 12	21 59	1 2	7 15	0 44	22 26	0 43	1 21	10 56	23 36	23 38	19 4		n.a.
F 30	0n51	24n55	1n46	6s 8	1s15	16n59	0n47	20n 3	1n25	23s45	1s12	21n58	1n 2	7n13	0n44	22s26	0n43	1s22	10n56	23s36	23s38	19n 2		n.a.

Julian Day Number = 1367739.5, Delta T = 06h53m22s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°26'40, Lahiri = -17°19'39 Julian Calendar 1 Sept. 969 BCE == Greg. Calendar 23 Aug. 969 BCE

The year -968 astronomical counting style corresponds to year 969 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 969 BCE
geocentric

OCTOBER 969 BCE (-968) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 2 12	28♍55'10	28♊57	13♎55	17♌21	8♌ 6	18♑13	27♋44	13♍39	16♐53	29♎54	7°D21	6♑47	28♋11	n.a.	S 1
S 2	0 6 8	29°55'37	10♋50	15°24	18°31	8°42	18°14	27°49	13°42	16°54	29°56	7°R21	6°44	28°18	n.a.	S 2
M 3	0 10 5	0♎56'06	22°37	16°52	19°42	9°18	18°16	27°54	13°46	16°55	29°58	7♑20	6°41	28°24	n.a.	M 3
T 4	0 14 1	1°56'37	4♌25	18°20	20°53	9°54	18°18	27°58	13°50	16°56	0♏ 0	7°17	6°38	28°31	n.a.	T 4
W 5	0 17 58	2°57'10	16°19	19°47	22° 4	10°30	18°21	28° 3	13°53	16°56	0° 2	7°12	6°34	28°38	n.a.	W 5
T 6	0 21 54	3°57'44	28°22	21°14	23°15	11° 6	18°23	28° 7	13°57	16°57	0° 5	7° 4	6°31	28°44	n.a.	T 6
F 7	0 25 51	4°58'21	10♍37	22°40	24°26	11°42	18°26	28°12	14° 1	16°58	0° 7	6°53	6°28	28°51	n.a.	F 7
S 8	0 29 47	5°58'59	23° 7	24° 5	25°38	12°18	18°29	28°16	14° 4	16°59	0° 9	6°41	6°25	28°58	n.a.	S 8
S 9	0 33 44	6°59'39	5♎52	25°30	26°49	12°54	18°32	28°20	14° 8	17° 0	0°11	6°26	6°22	29° 4	n.a.	S 9
M10	0 37 41	8° 0'21	18°51	26°54	28° 1	13°30	18°35	28°24	14°11	17° 1	0°13	6°13	6°18	29°11	n.a.	M10
T 11	0 41 37	9° 1'04	2♏ 2	28°17	29°13	14° 6	18°39	28°28	14°15	17° 3	0°15	6° 0	6°15	29°18	n.a.	T 11
W12	0 45 34	10° 1'49	15°26	29°39	0♍25	14°42	18°42	28°32	14°19	17° 4	0°18	5°50	6°12	29°24	n.a.	W12
T 13	0 49 30	11° 2'35	28°58	1♏ 0	1°37	15°17	18°46	28°36	14°22	17° 5	0°20	5°43	6° 9	29°31	n.a.	T 13
F 14	0 53 27	12° 3'22	12♐39	2°19	2°49	15°53	18°50	28°40	14°26	17° 6	0°22	5°39	6° 6	29°38	n.a.	F 14
S 15	0 57 23	13° 4'11	26°29	3°37	4° 1	16°29	18°55	28°44	14°29	17° 7	0°24	5°38	6° 3	29°44	n.a.	S 15
S 16	1 1 20	14° 5'01	10♑25	4°54	5°13	17° 4	18°59	28°47	14°32	17° 8	0°27	5°38	5°59	29°51	n.a.	S 16
M17	1 5 16	15° 5'52	24°29	6° 9	6°26	17°40	19° 4	28°51	14°36	17°10	0°29	5°38	5°56	29°58	n.a.	M17
T 18	1 9 13	16° 6'43	8♒40	7°22	7°38	18°15	19° 8	28°54	14°39	17°11	0°31	5°36	5°53	0♌ 4	n.a.	T 18
W19	1 13 10	17° 7'36	22°57	8°32	8°51	18°51	19°13	28°58	14°43	17°12	0°34	5°32	5°50	0°11	n.a.	W19
T 20	1 17 6	18° 8'30	7♓16	9°40	10° 3	19°26	19°19	29° 1	14°46	17°14	0°36	5°25	5°47	0°18	n.a.	T 20
F 21	1 21 3	19° 9'25	21°34	10°45	11°16	20° 1	19°24	29° 4	14°49	17°15	0°38	5°16	5°44	0°24	n.a.	F 21
S 22	1 24 59	20°10'21	5♈45	11°46	12°29	20°37	19°30	29° 7	14°53	17°16	0°40	5° 4	5°40	0°31	n.a.	S 22
S 23	1 28 56	21°11'18	19°43	12°44	13°42	21°12	19°35	29°10	14°56	17°18	0°43	4°52	5°37	0°38	n.a.	S 23
M24	1 32 52	22°12'16	3♉24	13°36	14°55	21°47	19°41	29°13	14°59	17°19	0°45	4°40	5°34	0°44	n.a.	M24
T 25	1 36 49	23°13'16	16°45	14°24	16° 8	22°22	19°47	29°15	15° 2	17°21	0°47	4°30	5°31	0°51	n.a.	T 25
W26	1 40 45	24°14'17	29°44	15° 6	17°21	22°57	19°53	29°18	15° 6	17°22	0°50	4°23	5°28	0°58	n.a.	W26
T 27	1 44 42	25°15'19	12♊22	15°42	18°34	23°32	20° 0	29°20	15° 9	17°24	0°52	4°18	5°24	1° 4	n.a.	T 27
F 28	1 48 39	26°16'22	24°41	16°10	19°47	24° 7	20° 6	29°23	15°12	17°25	0°54	4°15	5°21	1°11	n.a.	F 28
S 29	1 52 35	27°17'27	6♋45	16°30	21° 1	24°42	20°13	29°25	15°15	17°27	0°57	4°D15	5°18	1°18	n.a.	S 29
S 30	1 56 32	28°18'33	18°38	16°41	22°14	25°17	20°20	29°27	15°18	17°29	0°59	4°15	5°15	1°24	n.a.	S 30
M31	2 0 28	29♎19'40	0♌27	16°R42	23♍28	25♌52	20♑27	29♋29	15♍21	17♐30	1♏ 1	4°R16	5♑12	1♌31	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n26	24n33	0n44	6s49	1s21	16n40	0n50	19n54	1n26	23s44	1s12	21n57	1n 2	7n12	0n44	22s27	0n43	1s23	10n55	23s36	23s38	19n 0		n.a.
S 2	0 2	23 3	0s18	7 30	1 27	16 21	0 53	19 45	1 26	23 44	1 12	21 56	1 2	7 10	0 44	22 27	0 43	1 24	10 55	23 36	23 38	18 58		n.a.
M 3	0s23	20 34	1 20	8 10	1 33	16 2	0 57	19 36	1 27	23 44	1 12	21 56	1 3	7 9	0 44	22 27	0 43	1 25	10 55	23 36	23 38	18 56		n.a.
T 4	0 47	17 13	2 18	8 49	1 39	15 42	1 0	19 26	1 27	23 43	1 12	21 55	1 3	7 7	0 44	22 27	0 43	1 26	10 55	23 36	23 39	18 54		n.a.
W 5	1 12	13 10	3 11	9 28	1 45	15 22	1 3	19 17	1 28	23 43	1 11	21 54	1 3	7 6	0 44	22 27	0 43	1 27	10 54	23 37	23 39	18 52		n.a.
T 6	1 36	8 33	3 55	10 6	1 50	15 1	1 6	19 7	1 28	23 42	1 11	21 53	1 3	7 5	0 44	22 27	0 43	1 28	10 54	23 37	23 39	18 49		n.a.
F 7	2 0	3 33	4 29	10 44	1 55	14 40	1 9	18 58	1 29	23 42	1 11	21 53	1 3	7 3	0 44	22 27	0 43	1 29	10 54	23 38	23 39	18 47		n.a.
S 8	2 25	1s41	4 52	11 20	2 0	14 18	1 12	18 48	1 29	23 41	1 11	21 52	1 3	7 2	0 44	22 27	0 43	1 30	10 54	23 38	23 39	18 45		n.a.
S 9	2 49	6 56	5 0	11 56	2 5	13 56	1 14	18 38	1 30	23 41	1 11	21 51	1 4	7 0	0 44	22 28	0 43	1 31	10 53	23 39	23 39	18 43		n.a.
M10	3 13	11 59	4 53	12 32	2 9	13 33	1 17	18 28	1 30	23 40	1 11	21 50	1 4	6 59	0 44	22 28	0 42	1 32	10 53	23 40	23 39	18 41		n.a.
T 11	3 38	16 35	4 30	13 6	2 13	13 10	1 20	18 18	1 31	23 39	1 11	21 50	1 4	6 58	0 44	22 28	0 42	1 33	10 53	23 40	23 40	18 39		n.a.
W12	4 2	20 24	3 52	13 39	2 17	12 47	1 22	18 8	1 31	23 39	1 11	21 49	1 4	6 56	0 44	22 28	0 42	1 34	10 53	23 41	23 40	18 36		n.a.
T 13	4 26	23 11	3 1	14 11	2 21	12 23	1 24	17 58	1 32	23 38	1 10	21 49	1 4	6 55	0 44	22 28	0 42	1 35	10 53	23 41	23 40	18 34		n.a.
F 14	4 50	24 37	1 58	14 43	2 24	11 59	1 27	17 47	1 32	23 37	1 10	21 48	1 5	6 54	0 44	22 28	0 42	1 36	10 52	23 41	23 40	18 32		n.a.
S 15	5 14	24 34	0 48	15 13	2 27	11 34	1 29	17 37	1 33	23 37	1 10	21 47	1 5	6 52	0 44	22 28	0 42	1 37	10 52	23 41	23 40	18 30		n.a.
S 16	5 38	22 58	0n25	15 41	2 29	11 9	1 31	17 26	1 33	23 36	1 10	21 47	1 5	6 51	0 44	22 29	0 42	1 38	10 52	23 41	23 40	18 28		n.a.
M17	6 2	19 57	1 38	16 8	2 31	10 44	1 33	17 16	1 34	23 35	1 10	21 46	1 5	6 50	0 44	22 29	0 42	1 39	10 52	23 41	23 41	18 25		n.a.
T 18	6 26	15 43	2 45	16 34	2 32	10 18	1 35	17 5	1 34	23 34	1 10	21 46	1 5	6 48	0 44	22 29	0 42	1 40	10 52	23 41	23 41	18 23		n.a.
W19	6 50	10 35	3 43	16 58	2 32	9 52	1 37	16 55	1 35	23 33	1 10	21 45	1 6	6 47	0 44	22 29	0 42	1 41	10 52	23 42	23 41	18 21		n.a.
T 20	7 13	4 52	4 26	17 20	2 32	9 26	1 38	16 44	1 35	23 32	1 9	21 45	1 6	6 46	0 44	22 29	0 42	1 41	10 51	23 42	23 41	18 19		n.a.
F 21	7 37	1n 5	4 53	17 40	2 32	8 59	1 40	16 33	1 36	23 32	1 9	21 44	1 6	6 44	0 44	22 29	0 42	1 42	10 51	23 42	23 41	18 17		n.a.
S 22	8 0	6 54	5 1	17 58	2 30	8 32	1 42	16 22	1 36	23 31	1 9	21 44	1 6	6 43	0 44	22 30	0 42	1 43	10 51	23 43	23 41	18 14		n.a.
S 23	8 23	12 18	4 51	18 14	2 28	8 5	1 43	16 11	1 37	23 30	1 9	21 43	1 6	6 42	0 44	22 30	0 42	1 44	10 51	23 43	23 41	18 12		n.a.
M24	8 47	16 59	4 25	18 27	2 24	7 38	1 44	16 0	1 38	23 29	1 9	21 43	1 7	6 41	0 44	22 30	0 42	1 45	10 51	23 44	23 42	18 10		n.a.
T 25	9 10	20 40	3 44	18 38	2 20	7 10	1 46	15 49	1 38	23 28	1 9	21 43	1 7	6 39	0 44	22 30	0 42	1 46	10 51	23 44	23 42	18 8		n.a.
W26	9 32	23 13	2 53	18 46	2 15	6 42	1 47	15 37	1 39	23 27	1 9	21 42	1 7	6 38	0 44	22 30	0 42	1 47	10 50	23 44	23 42	18 5		n.a.
T 27	9 55	24 30	1 54	18 50	2 8	6 14	1 48	15 26	1 39	23 25	1 8	21 42	1 7	6 37	0 44	22 30	0 42	1 48	10 50	23 44	23 42	18 3		n.a.
F 28	10 18	24 33	0 51	18 51	2 0	5 46	1 49	15 15	1 40	23 24	1 8	21 42	1 7	6 36	0 44	22 31	0 42	1 49	10 50	23 44	23 42	18 1		n.a.
S 29	10 40	23 25	0s13	18 47	1 51	5 17	1 50	15 3	1 40	23 23	1 8	21 41	1 8	6 35	0 44	22 31	0 42	1 50	10 50	23 44	23 42	17 59		n.a.
S 30	11 2	21 14	1 16	18 40	1 40	4 49	1 50	14 52	1 41	23 22	1 8	21 41	1 8	6 33	0 44	22 31	0 42	1 51	10 50	23 44	23 42	17 56		n.a.
M31	11s24	18n10	2s15	18s29	1s27	4n20	1n51	14n41	1n41	23s21	1s 8	21n41	1n 8	6n32	0n44	22s31	0n42	1s51	10n50	23s44	23s42	17n54		n.a.

Julian Day Number = 1367769.5, Delta T = 06h53m21s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°26'35, Lahiri = -17°19'35 Julian Calendar 1 Oct. 969 BCE == Greg. Calendar 22 Sept. 969 BCE

The year -968 astronomical counting style corresponds to year 969 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 969 BCE
geocentric

NOVEMBER 969 BCE (-968) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 4 25	0♏20'48	12♌16	16°R33	24♍41	26♌27	20♑34	29♋31	15♍24	17♐32	1♏ 4	4°R15	5♑ 9	1♌38	n.a.	T 1
W 2	2 8 21	1°21'57	24°11	16♏12	25°55	27° 2	20°42	29°33	15°27	17°34	1° 6	4♑12	5° 5	1°44	n.a.	W 2
T 3	2 12 18	2°23'08	6♍17	15°40	27° 9	27°36	20°49	29°35	15°30	17°35	1° 8	4° 7	5° 2	1°51	n.a.	T 3
F 4	2 16 14	3°24'19	18°38	14°57	28°22	28°11	20°57	29°37	15°33	17°37	1°11	3°59	4°59	1°58	n.a.	F 4
S 5	2 20 11	4°25'31	1♎17	14° 3	29°36	28°45	21° 5	29°38	15°35	17°39	1°13	3°49	4°56	2° 4	n.a.	S 5
S 6	2 24 8	5°26'44	14°15	12°59	0♎50	29°20	21°13	29°40	15°38	17°41	1°15	3°39	4°53	2°11	n.a.	S 6
M 7	2 28 4	6°27'58	27°32	11°47	2° 4	29°54	21°21	29°41	15°41	17°43	1°18	3°28	4°49	2°17	n.a.	M 7
T 8	2 32 1	7°29'13	11♏ 7	10°29	3°18	0♍29	21°29	29°42	15°44	17°44	1°20	3°18	4°46	2°24	n.a.	T 8
W 9	2 35 57	8°30'28	24°56	9° 7	4°32	1° 3	21°38	29°44	15°46	17°46	1°22	3°10	4°43	2°31	n.a.	W 9
T 10	2 39 54	9°31'44	8♐55	7°44	5°46	1°37	21°46	29°45	15°49	17°48	1°25	3° 5	4°40	2°37	n.a.	T 10
F 11	2 43 50	10°33'00	23° 1	6°23	7° 0	2°11	21°55	29°45	15°52	17°50	1°27	3° 3	4°37	2°44	n.a.	F 11
S 12	2 47 47	11°34'16	7♑11	5° 7	8°14	2°45	22° 4	29°46	15°54	17°52	1°29	3°D 2	4°34	2°51	n.a.	S 12
S 13	2 51 44	12°35'33	21°21	3°58	9°28	3°19	22°13	29°47	15°57	17°54	1°32	3° 3	4°30	2°57	n.a.	S 13
M14	2 55 40	13°36'49	5♒29	2°57	10°42	3°53	22°22	29°47	15°59	17°56	1°34	3° 4	4°27	3° 4	n.a.	M14
T 15	2 59 37	14°38'06	19°36	2° 6	11°57	4°27	22°31	29°48	16° 2	17°58	1°36	3°R 5	4°24	3°11	n.a.	T 15
W16	3 3 33	15°39'22	3♓38	1°25	13°11	5° 1	22°41	29°48	16° 4	18° 0	1°39	3° 3	4°21	3°17	n.a.	W16
T 17	3 7 30	16°40'39	17°36	0°56	14°25	5°34	22°50	29°49	16° 6	18° 2	1°41	2°59	4°18	3°24	n.a.	T 17
F 18	3 11 26	17°41'55	1♈27	0°37	15°39	6° 8	23° 0	29°49	16° 9	18° 4	1°43	2°54	4°15	3°31	n.a.	F 18
S 19	3 15 23	18°43'11	15° 9	0°D28	16°54	6°41	23° 9	29°R49	16°11	18° 6	1°45	2°46	4°11	3°37	n.a.	S 19
S 20	3 19 19	19°44'28	28°40	0°29	18° 8	7°15	23°19	29°49	16°13	18° 8	1°48	2°39	4° 8	3°44	n.a.	S 20
M21	3 23 16	20°45'44	11♉57	0°40	19°22	7°48	23°29	29°48	16°15	18°10	1°50	2°31	4° 5	3°51	n.a.	M21
T 22	3 27 13	21°47'01	24°59	0°58	20°37	8°21	23°40	29°48	16°17	18°12	1°52	2°25	4° 2	3°57	n.a.	T 22
W23	3 31 9	22°48'17	7♊45	1°24	21°51	8°55	23°50	29°48	16°19	18°14	1°54	2°20	3°59	4° 4	n.a.	W23
T 24	3 35 6	23°49'34	20°14	1°57	23° 6	9°28	24° 0	29°47	16°21	18°16	1°57	2°17	3°55	4°11	n.a.	T 24
F 25	3 39 2	24°50'51	2♋29	2°36	24°20	10° 1	24°11	29°47	16°23	18°18	1°59	2°D16	3°52	4°17	n.a.	F 25
S 26	3 42 59	25°52'07	14°31	3°20	25°35	10°34	24°21	29°46	16°25	18°20	2° 1	2°17	3°49	4°24	n.a.	S 26
S 27	3 46 55	26°53'24	26°25	4°10	26°49	11° 6	24°32	29°45	16°27	18°23	2° 3	2°19	3°46	4°31	n.a.	S 27
M28	3 50 52	27°54'41	8♌14	5° 3	28° 4	11°39	24°43	29°44	16°29	18°25	2° 5	2°21	3°43	4°37	n.a.	M28
T 29	3 54 49	28°55'58	20° 3	6° 1	29°18	12°12	24°54	29°43	16°31	18°27	2° 7	2°22	3°40	4°44	n.a.	T 29
W30	3 58 45	29♏57'15	1♍58	7♏ 1	0♏33	12♍44	25♑ 5	29♋42	16♍32	18♐29	2♏10	2°R22	3♑36	4♌51	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s46	14n22	3s 8	18s13	1s14	3n51	1n52	14n29	1n42	23s20	1s 8	21n41	1n 8	6n31	0n44	22s31	0n42	1s52	10n50	23s45	23s43	17n52		n.a.
W 2	12 8	9 59	3 54	17 52	0 58	3 21	1 52	14 17	1 42	23 18	1 8	21 40	1 8	6 30	0 44	22 32	0 42	1 53	10 50	23 45	23 43	17 50		n.a.
T 3	12 29	5 10	4 30	17 27	0 41	2 52	1 52	14 6	1 43	23 17	1 8	21 40	1 9	6 29	0 44	22 32	0 42	1 54	10 50	23 45	23 43	17 47		n.a.
F 4	12 51	0 4	4 54	16 56	0 23	2 23	1 53	13 54	1 43	23 16	1 7	21 40	1 9	6 28	0 44	22 32	0 42	1 55	10 50	23 45	23 43	17 45		n.a.
S 5	13 12	5s 9	5 4	16 22	0 4	1 53	1 53	13 42	1 44	23 14	1 7	21 40	1 9	6 27	0 44	22 32	0 42	1 56	10 50	23 45	23 43	17 43		n.a.
S 6	13 32	10 17	4 59	15 43	0n16	1 23	1 53	13 31	1 44	23 13	1 7	21 40	1 9	6 26	0 44	22 32	0 42	1 57	10 49	23 46	23 43	17 41		n.a.
M 7	13 53	15 4	4 38	15 1	0 37	0 54	1 53	13 19	1 45	23 12	1 7	21 40	1 9	6 24	0 44	22 33	0 42	1 58	10 49	23 46	23 43	17 38		n.a.
T 8	14 13	19 13	4 1	14 17	0 57	0 24	1 53	13 7	1 45	23 10	1 7	21 40	1 10	6 23	0 44	22 33	0 42	1 58	10 49	23 46	23 43	17 36		n.a.
W 9	14 34	22 21	3 10	13 32	1 17	0s 6	1 53	12 55	1 46	23 9	1 7	21 40	1 10	6 22	0 44	22 33	0 42	1 59	10 49	23 46	23 44	17 34		n.a.
T 10	14 53	24 12	2 6	12 48	1 36	0 36	1 53	12 43	1 46	23 7	1 7	21 40	1 10	6 21	0 44	22 33	0 42	2 0	10 49	23 46	23 44	17 32		n.a.
F 11	15 13	24 31	0 54	12 5	1 53	1 6	1 52	12 31	1 47	23 6	1 7	21 40	1 10	6 20	0 44	22 33	0 42	2 1	10 49	23 47	23 44	17 29		n.a.
S 12	15 32	23 15	0n22	11 25	2 9	1 36	1 52	12 19	1 48	23 4	1 7	21 40	1 11	6 19	0 44	22 34	0 41	2 2	10 49	23 47	23 44	17 27		n.a.
S 13	15 51	20 29	1 37	10 49	2 22	2 6	1 52	12 7	1 48	23 2	1 6	21 40	1 11	6 18	0 44	22 34	0 41	2 2	10 49	23 47	23 44	17 25		n.a.
M14	16 10	16 31	2 46	10 17	2 33	2 36	1 51	11 55	1 49	23 1	1 6	21 40	1 11	6 18	0 44	22 34	0 41	2 3	10 49	23 46	23 44	17 22		n.a.
T 15	16 29	11 37	3 44	9 52	2 42	3 6	1 50	11 43	1 49	22 59	1 6	21 40	1 11	6 17	0 45	22 34	0 41	2 4	10 49	23 46	23 44	17 20		n.a.
W16	16 47	6 9	4 29	9 31	2 49	3 36	1 50	11 31	1 50	22 57	1 6	21 40	1 11	6 16	0 45	22 34	0 41	2 5	10 49	23 47	23 44	17 18		n.a.
T 17	17 5	0 25	4 57	9 17	2 53	4 6	1 49	11 19	1 50	22 56	1 6	21 40	1 12	6 15	0 45	22 35	0 41	2 6	10 49	23 47	23 44	17 15		n.a.
F 18	17 22	5n17	5 8	9 7	2 56	4 36	1 48	11 7	1 51	22 54	1 6	21 40	1 12	6 14	0 45	22 35	0 41	2 6	10 49	23 47	23 45	17 13		n.a.
S 19	17 40	10 40	5 1	9 3	2 57	5 6	1 47	10 55	1 51	22 52	1 6	21 41	1 12	6 13	0 45	22 35	0 41	2 7	10 49	23 47	23 45	17 11		n.a.
S 20	17 57	15 28	4 38	9 4	2 56	5 35	1 46	10 42	1 52	22 50	1 6	21 41	1 12	6 12	0 45	22 35	0 41	2 8	10 49	23 47	23 45	17 9		n.a.
M21	18 13	19 26	3 59	9 10	2 55	6 5	1 45	10 30	1 52	22 49	1 6	21 41	1 12	6 11	0 45	22 35	0 41	2 9	10 49	23 47	23 45	17 6		n.a.
T 22	18 30	22 21	3 9	9 19	2 52	6 34	1 44	10 18	1 53	22 47	1 6	21 41	1 13	6 11	0 45	22 36	0 41	2 9	10 49	23 47	23 45	17 4		n.a.
W23	18 46	24 4	2 9	9 32	2 48	7 4	1 43	10 6	1 53	22 45	1 5	21 42	1 13	6 10	0 45	22 36	0 41	2 10	10 49	23 47	23 45	17 2		n.a.
T 24	19 1	24 32	1 5	9 47	2 43	7 33	1 41	9 54	1 54	22 43	1 5	21 42	1 13	6 9	0 45	22 36	0 41	2 11	10 49	23 47	23 45	16 59		n.a.
F 25	19 16	23 46	0s 1	10 6	2 38	8 2	1 40	9 42	1 55	22 41	1 5	21 42	1 13	6 8	0 45	22 36	0 41	2 11	10 49	23 47	23 45	16 57		n.a.
S 26	19 31	21 54	1 6	10 27	2 32	8 31	1 39	9 29	1 55	22 39	1 5	21 43	1 14	6 8	0 45	22 36	0 41	2 12	10 49	23 47	23 45	16 55		n.a.
S 27	19 46	19 6	2 8	10 50	2 25	8 59	1 37	9 17	1 56	22 37	1 5	21 43	1 14	6 7	0 45	22 37	0 41	2 13	10 50	23 47	23 45	16 52		n.a.
M28	20 0	15 32	3 4	11 14	2 18	9 28	1 35	9 5	1 56	22 35	1 5	21 44	1 14	6 6	0 45	22 37	0 41	2 13	10 50	23 47	23 45	16 50		n.a.
T 29	20 14	11 21	3 52	11 40	2 11	9 56	1 34	8 53	1 57	22 33	1 5	21 44	1 14	6 6	0 45	22 37	0 41	2 14	10 50	23 47	23 46	16 48		n.a.
W30	20s27	6n44	4s30	12s 8	2n 3	10s24	1n32	8n41	1n57	22s31	1s 5	21n44	1n14	6n 5	0n45	22s37	0n41	2s15	10n50	23s47	23s46	16n45		n.a.

Julian Day Number = 1367800.5, Delta T = 06h53m19s
Ecliptic obliquity = 23°48'40, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°26'31, Lahiri = -17°19'31 Julian Calendar 1 Nov. 969 BCE == Greg. Calendar 23 Oct. 969 BCE

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ASTRODIENST EPHEMERIS for the year 969 BCE
geocentric

DECEMBER 969 BCE (-968) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 2 42	0♐58'31	14♍ 3	8♏ 5	1♏47	13♍17	25♉16	29°R40	16♍34	18♐31	2♏12	2°R21	3♉33	4♌57	n.a.	T 1
F 2	4 6 38	1°59'48	26°24	9°12	3° 2	13°49	25°27	29♋39	16°36	18°33	2°14	2♉19	3°30	5° 4	n.a.	F 2
S 3	4 10 35	3° 1'05	9♎ 3	10°21	4°17	14°21	25°39	29°38	16°37	18°36	2°16	2°15	3°27	5°11	n.a.	S 3
S 4	4 14 31	4° 2'21	22° 5	11°32	5°31	14°53	25°50	29°36	16°39	18°38	2°18	2°11	3°24	5°17	n.a.	S 4
M 5	4 18 28	5° 3'37	5♏31	12°45	6°46	15°25	26° 2	29°34	16°40	18°40	2°20	2° 6	3°21	5°24	n.a.	M 5
T 6	4 22 24	6° 4'53	19°20	14° 0	8° 1	15°57	26°13	29°32	16°42	18°42	2°22	2° 2	3°17	5°31	n.a.	T 6
W 7	4 26 21	7° 6'08	3♐29	15°17	9°15	16°29	26°25	29°30	16°43	18°45	2°24	1°59	3°14	5°37	n.a.	W 7
T 8	4 30 18	8° 7'23	17°53	16°35	10°30	17° 1	26°37	29°28	16°44	18°47	2°26	1°57	3°11	5°44	n.a.	T 8
F 9	4 34 14	9° 8'37	2♉28	17°54	11°45	17°32	26°49	29°26	16°46	18°49	2°28	1°D57	3° 8	5°51	n.a.	F 9
S 10	4 38 11	10° 9'51	17° 6	19°14	12°59	18° 4	27° 1	29°24	16°47	18°51	2°30	1°57	3° 5	5°57	n.a.	S 10
S 11	4 42 7	11°11'03	1♒41	20°36	14°14	18°35	27°13	29°22	16°48	18°54	2°32	1°58	3° 1	6° 4	n.a.	S 11
M12	4 46 4	12°12'15	16° 9	21°58	15°29	19° 6	27°25	29°19	16°49	18°56	2°34	2° 0	2°58	6°11	n.a.	M12
T 13	4 50 0	13°13'25	0♓26	23°22	16°44	19°37	27°37	29°17	16°50	18°58	2°36	2° 1	2°55	6°17	n.a.	T 13
W14	4 53 57	14°14'34	14°29	24°46	17°58	20° 8	27°50	29°14	16°51	19° 0	2°38	2°R 1	2°52	6°24	n.a.	W14
T 15	4 57 53	15°15'42	28°19	26°12	19°13	20°39	28° 2	29°12	16°52	19° 3	2°39	2° 1	2°49	6°31	n.a.	T 15
F 16	5 1 50	16°16'49	11♈53	27°38	20°28	21° 9	28°14	29° 9	16°53	19° 5	2°41	2° 0	2°46	6°37	n.a.	F 16
S 17	5 5 47	17°17'55	25°13	29° 5	21°42	21°40	28°27	29° 6	16°54	19° 7	2°43	1°58	2°42	6°44	n.a.	S 17
S 18	5 9 43	18°18'59	8♉19	0♐32	22°57	22°10	28°40	29° 3	16°54	19° 9	2°45	1°56	2°39	6°51	n.a.	S 18
M19	5 13 40	19°20'03	21°11	2° 1	24°12	22°40	28°52	29° 0	16°55	19°12	2°47	1°54	2°36	6°58	n.a.	M19
T 20	5 17 36	20°21'05	3♊51	3°30	25°26	23°10	29° 5	28°57	16°56	19°14	2°48	1°52	2°33	7° 4	n.a.	T 20
W21	5 21 33	21°22'06	16°18	5° 0	26°41	23°40	29°18	28°54	16°56	19°16	2°50	1°51	2°30	7°11	n.a.	W21
T 22	5 25 29	22°23'06	28°34	6°30	27°56	24°10	29°31	28°50	16°57	19°19	2°52	1°D51	2°27	7°18	n.a.	T 22
F 23	5 29 26	23°24'05	10♋40	8° 2	29°11	24°39	29°44	28°47	16°57	19°21	2°54	1°51	2°23	7°24	n.a.	F 23
S 24	5 33 23	24°25'02	22°37	9°33	0♐25	25° 9	29°57	28°43	16°58	19°23	2°55	1°51	2°20	7°31	n.a.	S 24
S 25	5 37 19	25°25'59	4♌29	11° 6	1°40	25°38	0♒10	28°40	16°58	19°25	2°57	1°52	2°17	7°38	n.a.	S 25
M26	5 41 16	26°26'55	16°19	12°39	2°55	26° 7	0°23	28°36	16°58	19°28	2°58	1°53	2°14	7°44	n.a.	M26
T 27	5 45 12	27°27'49	28° 8	14°13	4° 9	26°36	0°37	28°33	16°58	19°30	3° 0	1°53	2°11	7°51	n.a.	T 27
W28	5 49 9	28°28'42	10♍ 3	15°48	5°24	27° 5	0°50	28°29	16°59	19°32	3° 2	1°54	2° 7	7°58	n.a.	W28
T 29	5 53 5	29°29'34	22° 6	17°24	6°39	27°33	1° 3	28°25	16°59	19°34	3° 3	1°54	2° 4	8° 4	n.a.	T 29
F 30	5 57 2	0♉30'25	4♎23	19° 0	7°53	28° 2	1°17	28°21	16°59	19°37	3° 5	1°R54	2° 1	8°11	n.a.	F 30
S 31	6 0 58	1♉31'15	16♎59	20♐37	9♐ 8	28♍30	1♒30	28♋17	16°R59	19♐39	3♏ 6	1°D54	1♉58	8♌18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	20s40	1n48	4s58	12s36	1n56	10s52	1n30	8n29	1n58	22s28	1s 5	21n45	1n15	6n 4	0n45	22s37	0n41	2s15	10n50	23s47	23s46	16n43			n.a.
F 2	20 53	3s18	5 12	13 5	1 48	11 20	1 29	8 17	1 58	22 26	1 5	21 45	1 15	6 4	0 45	22 38	0 41	2 16	10 50	23 47	23 46	16 41			n.a.
S 3	21 5	8 24	5 11	13 34	1 40	11 47	1 27	8 4	1 59	22 24	1 5	21 46	1 15	6 3	0 45	22 38	0 41	2 17	10 50	23 47	23 46	16 38			n.a.
S 4	21 17	13 16	4 55	14 5	1 32	12 14	1 25	7 52	1 59	22 22	1 5	21 47	1 15	6 3	0 45	22 38	0 41	2 17	10 50	23 48	23 46	16 36			n.a.
M 5	21 28	17 40	4 22	14 35	1 24	12 41	1 23	7 40	2 0	22 20	1 4	21 47	1 15	6 2	0 45	22 38	0 41	2 18	10 50	23 48	23 46	16 34			n.a.
T 6	21 39	21 15	3 33	15 5	1 15	13 7	1 21	7 28	2 1	22 17	1 4	21 48	1 16	6 1	0 45	22 38	0 41	2 18	10 50	23 48	23 46	16 31			n.a.
W 7	21 50	23 38	2 30	15 36	1 7	13 33	1 19	7 16	2 1	22 15	1 4	21 48	1 16	6 1	0 45	22 39	0 41	2 19	10 50	23 48	23 46	16 29			n.a.
T 8	22 0	24 31	1 17	16 6	0 59	13 59	1 17	7 4	2 2	22 12	1 4	21 49	1 16	6 0	0 45	22 39	0 41	2 19	10 51	23 48	23 46	16 27			n.a.
F 9	22 10	23 44	0n 3	16 37	0 51	14 25	1 15	6 52	2 2	22 10	1 4	21 50	1 16	6 0	0 45	22 39	0 41	2 20	10 51	23 48	23 46	16 24			n.a.
S 10	22 19	21 20	1 23	17 7	0 43	14 50	1 13	6 40	2 3	22 8	1 4	21 50	1 16	6 0	0 45	22 39	0 41	2 21	10 51	23 48	23 46	16 22			n.a.
S 11	22 28	17 33	2 37	17 37	0 35	15 14	1 10	6 28	2 3	22 5	1 4	21 51	1 17	5 59	0 45	22 40	0 41	2 21	10 51	23 48	23 47	16 19			n.a.
M12	22 36	12 44	3 40	18 7	0 27	15 39	1 8	6 16	2 4	22 3	1 4	21 52	1 17	5 59	0 46	22 40	0 41	2 22	10 51	23 48	23 47	16 17			n.a.
T 13	22 44	7 18	4 30	18 36	0 19	16 3	1 6	6 4	2 4	22 0	1 4	21 52	1 17	5 58	0 46	22 40	0 41	2 22	10 51	23 48	23 47	16 15			n.a.
W14	22 52	1 34	5 2	19 4	0 11	16 26	1 3	5 53	2 5	21 58	1 4	21 53	1 17	5 58	0 46	22 40	0 41	2 23	10 51	23 48	23 47	16 12			n.a.
T 15	22 59	4n 8	5 15	19 32	0 4	16 49	1 1	5 41	2 6	21 55	1 4	21 54	1 17	5 58	0 46	22 40	0 41	2 23	10 51	23 48	23 47	16 10			n.a.
F 16	23 5	9 32	5 11	20 0	0s 4	17 12	0 59	5 29	2 6	21 52	1 4	21 55	1 18	5 57	0 46	22 41	0 41	2 24	10 52	23 48	23 47	16 8			n.a.
S 17	23 12	14 24	4 51	20 26	0 11	17 34	0 56	5 17	2 7	21 50	1 4	21 55	1 18	5 57	0 46	22 41	0 41	2 24	10 52	23 48	23 47	16 5			n.a.
S 18	23 17	18 30	4 15	20 53	0 18	17 56	0 54	5 6	2 7	21 47	1 4	21 56	1 18	5 57	0 46	22 41	0 41	2 24	10 52	23 48	23 47	16 3			n.a.
M19	23 22	21 39	3 27	21 18	0 25	18 17	0 51	4 54	2 8	21 44	1 4	21 57	1 18	5 57	0 46	22 41	0 41	2 25	10 52	23 48	23 47	16 0			n.a.
T 20	23 27	23 41	2 29	21 42	0 32	18 38	0 49	4 43	2 8	21 42	1 4	21 58	1 18	5 56	0 46	22 41	0 41	2 25	10 52	23 48	23 47	15 58			n.a.
W21	23 31	24 30	1 25	22 6	0 39	18 58	0 46	4 31	2 9	21 39	1 4	21 59	1 19	5 56	0 46	22 42	0 41	2 26	10 53	23 48	23 47	15 56			n.a.
T 22	23 35	24 6	0 18	22 28	0 45	19 18	0 44	4 20	2 9	21 36	1 3	22 0	1 19	5 56	0 46	22 42	0 41	2 26	10 53	23 48	23 47	15 53			n.a.
F 23	23 39	22 34	0s49	22 50	0 51	19 37	0 41	4 8	2 10	21 33	1 3	22 1	1 19	5 56	0 46	22 42	0 41	2 26	10 53	23 48	23 47	15 51			n.a.
S 24	23 41	20 1	1 53	23 11	0 58	19 55	0 39	3 57	2 10	21 30	1 3	22 1	1 19	5 56	0 46	22 42	0 41	2 27	10 53	23 48	23 47	15 48			n.a.
S 25	23 44	16 40	2 52	23 30	1 3	20 14	0 36	3 46	2 11	21 28	1 3	22 2	1 19	5 56	0 46	22 42	0 41	2 27	10 53	23 48	23 47	15 46			n.a.
M26	23 46	12 39	3 43	23 48	1 9	20 31	0 33	3 34	2 12	21 25	1 3	22 3	1 19	5 56	0 46	22 42	0 41	2 28	10 53	23 48	23 47	15 44			n.a.
T 27	23 47	8 10	4 24	24 6	1 15	20 48	0 31	3 23	2 12	21 22	1 3	22 4	1 20	5 56	0 46	22 43	0 41	2 28	10 54	23 48	23 48	15 41			n.a.
W28	23 48	3 22	4 55	24 22	1 20	21 4	0 28	3 12	2 13	21 19	1 3	22 5	1 20	5 56	0 46	22 43	0 41	2 28	10 54	23 48	23 48	15 39			n.a.
T 29	23 49	1s36	5 13	24 36	1 25	21 20	0 26	3 1	2 13	21 16	1 3	22 6	1 20	5 56	0 46	22 43	0 41	2 28	10 54	23 48	23 48	15 36			n.a.
F 30	23 49	6 37	5 18	24 50	1 29	21 35	0 23	2 50	2 14	21 13	1 3	22 7	1 20	5 56	0 46	22 43	0 41	2 29	10 54	23 48	23 48	15 34			n.a.
S 31	23s48	11s29	5s 7	25s 2	1s34	21s50	0n20	2n39	2n14	21s10	1s 3	22n 8	1n20	5n56	0n46	22s43	0n41	2s29	10n55	23s48	23s48	15n32			n.a.

Julian Day Number = 1367830.5, Delta T = 06h53m18s
Ecliptic obliquity = 23°48'39, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°26'27, Lahiri = -17°19'27 Julian Calendar 1 Dec. 969 BCE == Greg. Calendar 22 Nov. 969 BCE

The year -968 astronomical counting style corresponds to year 969 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 968 BCE
geocentric

JANUARY 968 BCE (-967) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 4 55	2♉32'04	29♎56	22♐15	10♐23	28♍58	1♒44	28°R13	16°R59	19♐41	3♏ 7	1♉54	1♉55	8♌24	n.a.	S 1
M 2	6 8 52	3°32'52	13♏18	23°53	11°37	29°25	1°57	28♋ 9	16♍59	19°43	3° 9	1°54	1°52	8°31	n.a.	M 2
T 3	6 12 48	4°33'38	27° 7	25°32	12°52	29°53	2°11	28° 5	16°59	19°46	3°10	1°54	1°48	8°38	n.a.	T 3
W 4	6 16 45	5°34'23	11♐22	27°12	14° 7	0♎20	2°24	28° 1	16°58	19°48	3°12	1°55	1°45	8°44	n.a.	W 4
T 5	6 20 41	6°35'07	25°59	28°53	15°22	0°47	2°38	27°56	16°58	19°50	3°13	1°R55	1°42	8°51	n.a.	T 5
F 6	6 24 38	7°35'50	10♉52	0♉35	16°36	1°14	2°52	27°52	16°58	19°52	3°14	1°55	1°39	8°58	n.a.	F 6
S 7	6 28 34	8°36'30	25°54	2°18	17°51	1°41	3° 6	27°48	16°57	19°54	3°15	1°54	1°36	9° 4	n.a.	S 7
S 8	6 32 31	9°37'09	10♒56	4° 1	19° 5	2° 8	3°20	27°43	16°57	19°57	3°17	1°54	1°33	9°11	n.a.	S 8
M 9	6 36 28	10°37'46	25°50	5°45	20°20	2°34	3°34	27°39	16°56	19°59	3°18	1°53	1°29	9°18	n.a.	M 9
T 10	6 40 24	11°38'21	10♓27	7°30	21°35	3° 0	3°47	27°34	16°56	20° 1	3°19	1°52	1°26	9°24	n.a.	T 10
W11	6 44 21	12°38'54	24°44	9°17	22°49	3°25	4° 1	27°30	16°55	20° 3	3°20	1°51	1°23	9°31	n.a.	W11
T 12	6 48 17	13°39'25	8♈39	11° 4	24° 4	3°51	4°15	27°25	16°55	20° 5	3°21	1°D50	1°20	9°38	n.a.	T 12
F 13	6 52 14	14°39'54	22°10	12°51	25°19	4°16	4°29	27°21	16°54	20° 7	3°22	1°50	1°17	9°44	n.a.	F 13
S 14	6 56 10	15°40'20	5♉21	14°40	26°33	4°41	4°43	27°16	16°53	20° 9	3°23	1°51	1°13	9°51	n.a.	S 14
S 15	7 0 7	16°40'45	18°12	16°30	27°48	5° 6	4°58	27°12	16°52	20°11	3°24	1°52	1°10	9°58	n.a.	S 15
M16	7 4 3	17°41'08	0♊46	18°20	29° 2	5°30	5°12	27° 7	16°52	20°14	3°25	1°54	1° 7	10° 4	n.a.	M16
T 17	7 8 0	18°41'29	13° 8	20°11	0♉17	5°54	5°26	27° 2	16°51	20°16	3°26	1°55	1° 4	10°11	n.a.	T 17
W18	7 11 56	19°41'47	25°19	22° 3	1°31	6°18	5°40	26°57	16°50	20°18	3°27	1°56	1° 1	10°18	n.a.	W18
T 19	7 15 53	20°42'04	7♋21	23°56	2°46	6°42	5°54	26°53	16°49	20°20	3°28	1°R56	0°58	10°24	n.a.	T 19
F 20	7 19 50	21°42'19	19°18	25°50	4° 0	7° 5	6° 8	26°48	16°48	20°22	3°29	1°55	0°54	10°31	n.a.	F 20
S 21	7 23 46	22°42'32	1♌10	27°43	5°15	7°28	6°23	26°43	16°47	20°24	3°30	1°53	0°51	10°38	n.a.	S 21
S 22	7 27 43	23°42'42	13° 0	29°38	6°30	7°51	6°37	26°38	16°45	20°26	3°30	1°50	0°48	10°44	n.a.	S 22
M23	7 31 39	24°42'51	24°50	1♒33	7°44	8°13	6°51	26°34	16°44	20°28	3°31	1°46	0°45	10°51	n.a.	M23
T 24	7 35 36	25°42'58	6♍43	3°28	8°59	8°36	7° 6	26°29	16°43	20°30	3°32	1°42	0°42	10°58	n.a.	T 24
W25	7 39 32	26°43'04	18°39	5°22	10°13	8°57	7°20	26°24	16°42	20°32	3°33	1°38	0°39	11° 5	n.a.	W25
T 26	7 43 29	27°43'07	0♎44	7°17	11°28	9°19	7°34	26°19	16°40	20°34	3°33	1°34	0°35	11°11	n.a.	T 26
F 27	7 47 25	28°43'08	13° 0	9°11	12°42	9°40	7°49	26°15	16°39	20°35	3°34	1°32	0°32	11°18	n.a.	F 27
S 28	7 51 22	29°43'08	25°32	11° 4	13°56	10° 0	8° 3	26°10	16°38	20°37	3°34	1°D31	0°29	11°25	n.a.	S 28
S 29	7 55 19	0♒43'06	8♏22	12°56	15°11	10°21	8°17	26° 5	16°36	20°39	3°35	1°31	0°26	11°31	n.a.	S 29
M30	7 59 15	1°43'03	21°36	14°47	16°25	10°41	8°32	26° 0	16°35	20°41	3°36	1°32	0°23	11°38	n.a.	M30
T 31	8 3 12	2♒42'57	5♐16	16♒35	17♉40	11♎ 0	8♒46	25♋55	16♍33	20♐43	3♏36	1♉34	0♉19	11♌45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23s47	15s59	4s41	25s12	1s38	22s 4	0n18	2n29	2n15	21s 7	1s 3	22n 9	1n21	5n56	0n46	22s44	0n41	2s29	10n55	23s48	23s48	15n29		n.a.	S 1
M 2	23 46	19 52	3 59	25 22	1 42	22 17	0 15	2 18	2 15	21 3	1 3	22 10	1 21	5 56	0 46	22 44	0 41	2 30	10 55	23 48	23 48	15 27		n.a.	M 2
T 3	23 44	22 46	3 2	25 29	1 45	22 29	0 12	2 7	2 16	21 0	1 3	22 11	1 21	5 56	0 46	22 44	0 41	2 30	10 55	23 48	23 48	15 24		n.a.	T 3
W 4	23 41	24 20	1 52	25 35	1 48	22 41	0 10	1 57	2 16	20 57	1 3	22 12	1 21	5 56	0 46	22 44	0 41	2 30	10 55	23 48	23 48	15 22		n.a.	W 4
T 5	23 39	24 18	0 33	25 40	1 51	22 52	0 7	1 46	2 17	20 54	1 3	22 13	1 21	5 56	0 46	22 44	0 41	2 30	10 56	23 48	23 48	15 19		n.a.	T 5
F 6	23 35	22 32	0n50	25 42	1 54	23 3	0 5	1 36	2 18	20 51	1 3	22 14	1 21	5 56	0 47	22 45	0 41	2 30	10 56	23 48	23 48	15 17		n.a.	F 6
S 7	23 32	19 11	2 9	25 43	1 56	23 13	0 2	1 26	2 18	20 47	1 3	22 15	1 21	5 56	0 47	22 45	0 41	2 31	10 56	23 48	23 48	15 15		n.a.	S 7
S 8	23 27	14 33	3 20	25 42	1 58	23 22	0s 1	1 15	2 19	20 44	1 3	22 16	1 22	5 57	0 47	22 45	0 41	2 31	10 56	23 48	23 48	15 12		n.a.	S 8
M 9	23 23	9 5	4 17	25 40	1 59	23 30	0 3	1 5	2 19	20 41	1 3	22 17	1 22	5 57	0 47	22 45	0 41	2 31	10 57	23 48	23 48	15 10		n.a.	M 9
T 10	23 17	3 13	4 55	25 35	2 0	23 38	0 6	0 55	2 20	20 37	1 3	22 18	1 22	5 57	0 47	22 45	0 41	2 31	10 57	23 48	23 48	15 7		n.a.	T 10
W11	23 12	2n41	5 15	25 29	2 0	23 45	0 8	0 45	2 20	20 34	1 3	22 19	1 22	5 57	0 47	22 45	0 41	2 31	10 57	23 48	23 48	15 5		n.a.	W11
T 12	23 6	8 17	5 15	25 21	2 0	23 51	0 11	0 36	2 21	20 31	1 3	22 20	1 22	5 58	0 47	22 46	0 41	2 31	10 57	23 48	23 48	15 2		n.a.	T 12
F 13	22 59	13 21	4 58	25 10	2 0	23 57	0 13	0 26	2 21	20 27	1 3	22 21	1 22	5 58	0 47	22 46	0 41	2 32	10 58	23 48	23 48	15 0		n.a.	F 13
S 14	22 52	17 39	4 25	24 58	1 59	24 2	0 16	0 16	2 22	20 24	1 3	22 23	1 22	5 58	0 47	22 46	0 41	2 32	10 58	23 48	23 48	14 57		n.a.	S 14
S 15	22 45	21 1	3 39	24 43	1 58	24 6	0 18	0 7	2 22	20 20	1 3	22 24	1 23	5 59	0 47	22 46	0 41	2 32	10 58	23 48	23 48	14 55		n.a.	S 15
M16	22 37	23 18	2 44	24 27	1 56	24 9	0 21	0s 2	2 23	20 17	1 3	22 25	1 23	5 59	0 47	22 46	0 41	2 32	10 58	23 48	23 48	14 53		n.a.	M16
T 17	22 29	24 25	1 42	24 8	1 54	24 12	0 23	0 12	2 23	20 13	1 3	22 26	1 23	5 59	0 47	22 46	0 41	2 32	10 59	23 48	23 48	14 50		n.a.	T 17
W18	22 20	24 20	0 37	23 47	1 51	24 14	0 26	0 21	2 24	20 10	1 3	22 27	1 23	6 0	0 47	22 46	0 41	2 32	10 59	23 48	23 48	14 48		n.a.	W18
T 19	22 11	23 6	0s30	23 25	1 47	24 15	0 28	0 30	2 24	20 6	1 3	22 28	1 23	6 0	0 47	22 47	0 41	2 32	10 59	23 48	23 48	14 45		n.a.	T 19
F 20	22 2	20 50	1 34	23 0	1 43	24 15	0 30	0 39	2 25	20 3	1 3	22 29	1 23	6 1	0 47	22 47	0 41	2 32	11 0	23 48	23 48	14 43		n.a.	F 20
S 21	21 52	17 42	2 34	22 32	1 38	24 15	0 33	0 48	2 25	19 59	1 3	22 30	1 23	6 1	0 47	22 47	0 41	2 32	11 0	23 48	23 48	14 40		n.a.	S 21
S 22	21 42	13 51	3 27	22 3	1 33	24 14	0 35	0 56	2 26	19 56	1 3	22 31	1 23	6 2	0 47	22 47	0 41	2 32	11 0	23 48	23 48	14 38		n.a.	S 22
M23	21 31	9 30	4 12	21 32	1 27	24 12	0 37	1 5	2 26	19 52	1 3	22 32	1 23	6 2	0 47	22 47	0 41	2 32	11 0	23 48	23 49	14 35		n.a.	M23
T 24	21 20	4 47	4 45	20 59	1 20	24 9	0 39	1 13	2 27	19 48	1 3	22 33	1 24	6 3	0 47	22 47	0 41	2 32	11 1	23 48	23 49	14 33		n.a.	T 24
W25	21 8	0s 8	5 6	20 23	1 12	24 6	0 41	1 21	2 27	19 45	1 3	22 34	1 24	6 3	0 47	22 47	0 41	2 32	11 1	23 48	23 49	14 30		n.a.	W25
T 26	20 56	5 5	5 14	19 46	1 4	24 2	0 44	1 29	2 27	19 41	1 3	22 35	1 24	6 4	0 47	22 48	0 41	2 32	11 1	23 48	23 49	14 28		n.a.	T 26
F 27	20 44	9 55	5 8	19 8	0 56	23 57	0 46	1 37	2 28	19 37	1 3	22 36	1 24	6 4	0 47	22 48	0 41	2 32	11 1	23 48	23 49	14 25		n.a.	F 27
S 28	20 31	14 27	4 47	18 28	0 46	23 51	0 48	1 45	2 28	19 33	1 3	22 37	1 24	6 5	0 47	22 48	0 41	2 32	11 2	23 48	23 49	14 23		n.a.	S 28
S 29	20 18	18 28	4 11	17 46	0 36	23 45	0 50	1 53	2 29	19 30	1 3	22 38	1 24	6 6	0 47	22 48	0 41	2 32	11 2	23 48	23 49	14 20		n.a.	S 29
M30	20 5	21 41	3 22	17 3	0 25	23 38	0 52	2 1	2 29	19 26	1 3	22 39	1 24	6 6	0 47	22 48	0 41	2 32	11 2	23 48	23 49	14 18		n.a.	M30
T 31	19s51	23s47	2s19	16s20	0s14	23s30	0s54	2s 8	2n30	19s22	1s 3	22n40	1n24	6n 7	0n47	22s48	0n41	2s31	11n 3	23s48	23s49	14n15		n.a.	T 31

Julian Day Number = 1367861.5, Delta T = 06h53m16s
Ecliptic obliquity = 23°48'39, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°26'23, Lahiri = -17°19'23 Julian Calendar 1 Jan. 968 BCE == Greg. Calendar 23 Dec. 969 BCE

The year -967 astronomical counting style corresponds to year 968 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 968 BCE
geocentric

FEBRUARY 968 BCE (-967) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 7 8	3♒42'50	19♐22	18♒21	18♉54	11♎19	9♒ 1	25°R51	16°R31	20♐45	3♏36	1♉35	0♉16	11♌51	n.a.	W 1
T 2	8 11 5	4°42'41	3♉55	20° 4	20° 9	11°38	9°15	25♋46	16♍30	20°46	3°37	1°R35	0°13	11°58	n.a.	T 2
F 3	8 15 1	5°42'30	18°50	21°44	21°23	11°57	9°30	25°41	16°28	20°48	3°37	1°34	0°10	12° 5	n.a.	F 3
S 4	8 18 58	6°42'17	4♒ 1	23°20	22°38	12°15	9°44	25°37	16°26	20°50	3°38	1°32	0° 7	12°11	n.a.	S 4
S 5	8 22 54	7°42'02	19°17	24°51	23°52	12°32	9°59	25°32	16°24	20°52	3°38	1°27	0° 4	12°18	n.a.	S 5
M 6	8 26 51	8°41'44	4♓29	26°17	25° 6	12°49	10°13	25°27	16°23	20°53	3°38	1°22	0° 0	12°25	n.a.	M 6
T 7	8 30 48	9°41'24	19°26	27°38	26°21	13° 6	10°27	25°23	16°21	20°55	3°38	1°16	29♐57	12°31	n.a.	T 7
W 8	8 34 44	10°41'02	4♈ 0	28°53	27°35	13°22	10°42	25°18	16°19	20°57	3°39	1°11	29°54	12°38	n.a.	W 8
T 9	8 38 41	11°40'38	18° 7	0♓ 2	28°50	13°38	10°56	25°14	16°17	20°58	3°39	1° 7	29°51	12°45	n.a.	T 9
F 10	8 42 37	12°40'11	1♉45	1° 4	0♒ 4	13°53	11°11	25° 9	16°15	21° 0	3°39	1° 5	29°48	12°51	n.a.	F 10
S 11	8 46 34	13°39'41	14°57	1°59	1°18	14° 8	11°25	25° 5	16°13	21° 1	3°39	1°D 4	29°45	12°58	n.a.	S 11
S 12	8 50 30	14°39'09	27°44	2°47	2°33	14°22	11°40	25° 1	16°11	21° 3	3°39	1° 5	29°41	13° 5	n.a.	S 12
M13	8 54 27	15°38'35	10♊12	3°27	3°47	14°36	11°54	24°56	16° 9	21° 4	3°R39	1° 6	29°38	13°11	n.a.	M13
T 14	8 58 23	16°37'58	22°24	3°59	5° 1	14°49	12° 9	24°52	16° 7	21° 6	3°39	1° 7	29°35	13°18	n.a.	T 14
W15	9 2 20	17°37'19	4♋25	4°24	6°15	15° 1	12°23	24°48	16° 5	21° 7	3°39	1°R 8	29°32	13°25	n.a.	W15
T 16	9 6 17	18°36'37	16°19	4°40	7°30	15°14	12°37	24°44	16° 3	21° 9	3°39	1° 6	29°29	13°32	n.a.	T 16
F 17	9 10 13	19°35'54	28° 9	4°49	8°44	15°25	12°52	24°39	16° 0	21°10	3°39	1° 3	29°25	13°38	n.a.	F 17
S 18	9 14 10	20°35'07	9♌58	4°R50	9°58	15°36	13° 6	24°35	15°58	21°12	3°39	0°57	29°22	13°45	n.a.	S 18
S 19	9 18 6	21°34'19	21°49	4°43	11°12	15°47	13°21	24°31	15°56	21°13	3°39	0°49	29°19	13°52	n.a.	S 19
M20	9 22 3	22°33'28	3♍42	4°30	12°27	15°57	13°35	24°27	15°54	21°14	3°38	0°39	29°16	13°58	n.a.	M20
T 21	9 25 59	23°32'35	15°40	4° 9	13°41	16° 6	13°49	24°24	15°51	21°16	3°38	0°29	29°13	14° 5	n.a.	T 21
W22	9 29 56	24°31'40	27°43	3°43	14°55	16°15	14° 4	24°20	15°49	21°17	3°38	0°19	29°10	14°12	n.a.	W22
T 23	9 33 52	25°30'44	9♎55	3°11	16° 9	16°23	14°18	24°16	15°47	21°18	3°38	0°10	29° 6	14°18	n.a.	T 23
F 24	9 37 49	26°29'45	22°16	2°34	17°24	16°30	14°32	24°12	15°44	21°19	3°37	0° 3	29° 3	14°25	n.a.	F 24
S 25	9 41 45	27°28'44	4♏50	1°53	18°38	16°37	14°46	24° 9	15°42	21°21	3°37	29♐58	29° 0	14°32	n.a.	S 25
S 26	9 45 42	28°27'41	17°39	1° 8	19°52	16°43	15° 1	24° 5	15°40	21°22	3°36	29°55	28°57	14°38	n.a.	S 26
M27	9 49 39	29°26'37	0♐47	0°22	21° 6	16°49	15°15	24° 2	15°37	21°23	3°36	29°D55	28°54	14°45	n.a.	M27
T 28	9 53 35	0♓25'30	14♐17	29♒34	22♒20	16♎54	15♒29	23♋58	15♍35	21♐24	3♏36	29♐55	28♐50	14♌52	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s37	24s29	1s 6	15s36	0s 2	23s22	0s55	2s15	2n30	19s18	1s 3	22n41	1n24	6n 8	0n47	22s48	0n41	2s31	11n 3	23s48	23s49	14n13		n.a.
T 2	19 23	23 32	0n13	14 51	0n10	23 13	0 57	2 22	2 30	19 14	1 4	22 42	1 24	6 8	0 47	22 49	0 41	2 31	11 3	23 48	23 49	14 11		n.a.
F 3	19 8	20 56	1 33	14 7	0 23	23 3	0 59	2 29	2 31	19 10	1 4	22 43	1 24	6 9	0 47	22 49	0 41	2 31	11 3	23 48	23 49	14 8		n.a.
S 4	18 53	16 50	2 48	13 23	0 37	22 53	1 1	2 36	2 31	19 6	1 4	22 44	1 24	6 10	0 47	22 49	0 41	2 31	11 4	23 48	23 49	14 6		n.a.
S 5	18 38	11 37	3 51	12 39	0 50	22 41	1 2	2 43	2 31	19 3	1 4	22 45	1 24	6 10	0 48	22 49	0 41	2 31	11 4	23 48	23 49	14 3		n.a.
M 6	18 22	5 43	4 37	11 57	1 4	22 29	1 4	2 49	2 32	18 59	1 4	22 46	1 24	6 11	0 48	22 49	0 41	2 31	11 4	23 48	23 49	14 1		n.a.
T 7	18 6	0n24	5 4	11 16	1 18	22 17	1 6	2 55	2 32	18 55	1 4	22 47	1 25	6 12	0 48	22 49	0 41	2 30	11 5	23 48	23 49	13 58		n.a.
W 8	17 50	6 21	5 10	10 36	1 32	22 4	1 7	3 1	2 32	18 51	1 4	22 47	1 25	6 13	0 48	22 49	0 41	2 30	11 5	23 48	23 49	13 56		n.a.
T 9	17 33	11 46	4 57	9 59	1 46	21 50	1 8	3 7	2 33	18 47	1 4	22 48	1 25	6 13	0 48	22 49	0 41	2 30	11 5	23 48	23 49	13 53		n.a.
F 10	17 16	16 26	4 28	9 24	1 59	21 35	1 10	3 13	2 33	18 43	1 4	22 49	1 25	6 14	0 48	22 49	0 41	2 30	11 5	23 48	23 49	13 51		n.a.
S 11	16 59	20 8	3 44	8 52	2 13	21 20	1 11	3 18	2 33	18 39	1 4	22 50	1 25	6 15	0 48	22 50	0 41	2 29	11 6	23 48	23 49	13 48		n.a.
S 12	16 41	22 44	2 51	8 23	2 26	21 4	1 13	3 24	2 33	18 35	1 4	22 51	1 25	6 16	0 48	22 50	0 41	2 29	11 6	23 48	23 49	13 46		n.a.
M13	16 24	24 9	1 51	7 57	2 38	20 48	1 14	3 29	2 34	18 31	1 4	22 52	1 25	6 17	0 48	22 50	0 41	2 29	11 6	23 48	23 49	13 43		n.a.
T 14	16 6	24 22	0 47	7 34	2 49	20 31	1 15	3 34	2 34	18 27	1 4	22 53	1 25	6 17	0 48	22 50	0 41	2 29	11 7	23 48	23 49	13 40		n.a.
W15	15 47	23 26	0s18	7 15	3 0	20 13	1 16	3 39	2 34	18 23	1 4	22 53	1 25	6 18	0 48	22 50	0 41	2 28	11 7	23 48	23 49	13 38		n.a.
T 16	15 29	21 27	1 21	7 0	3 10	19 55	1 17	3 43	2 34	18 18	1 4	22 54	1 25	6 19	0 48	22 50	0 41	2 28	11 7	23 48	23 49	13 35		n.a.
F 17	15 10	18 33	2 21	6 49	3 19	19 37	1 18	3 48	2 34	18 14	1 4	22 55	1 25	6 20	0 48	22 50	0 41	2 28	11 7	23 48	23 49	13 33		n.a.
S 18	14 51	14 55	3 14	6 42	3 26	19 17	1 19	3 52	2 34	18 10	1 4	22 56	1 25	6 21	0 48	22 50	0 41	2 28	11 8	23 48	23 49	13 30		n.a.
S 19	14 32	10 42	3 58	6 38	3 32	18 58	1 20	3 56	2 34	18 6	1 5	22 56	1 25	6 22	0 48	22 50	0 41	2 27	11 8	23 48	23 49	13 28		n.a.
M20	14 12	6 4	4 33	6 39	3 37	18 37	1 21	4 0	2 34	18 2	1 5	22 57	1 25	6 23	0 48	22 50	0 41	2 27	11 8	23 49	23 49	13 25		n.a.
T 21	13 53	1 12	4 55	6 44	3 40	18 16	1 21	4 3	2 35	17 58	1 5	22 58	1 25	6 24	0 48	22 50	0 41	2 27	11 8	23 49	23 49	13 23		n.a.
W22	13 33	3s44	5 5	6 52	3 41	17 55	1 22	4 7	2 35	17 54	1 5	22 59	1 25	6 25	0 48	22 50	0 41	2 26	11 9	23 49	23 48	13 20		n.a.
T 23	13 13	8 35	5 1	7 4	3 41	17 33	1 23	4 10	2 34	17 50	1 5	22 59	1 25	6 26	0 48	22 51	0 41	2 26	11 9	23 49	23 48	13 18		n.a.
F 24	12 53	13 10	4 43	7 20	3 39	17 11	1 23	4 13	2 34	17 45	1 5	23 0	1 25	6 26	0 48	22 51	0 41	2 26	11 9	23 49	23 48	13 15		n.a.
S 25	12 32	17 16	4 11	7 38	3 35	16 48	1 24	4 16	2 34	17 41	1 5	23 1	1 25	6 27	0 48	22 51	0 41	2 25	11 9	23 49	23 48	13 13		n.a.
S 26	12 11	20 39	3 26	7 59	3 29	16 25	1 24	4 18	2 34	17 37	1 5	23 1	1 25	6 28	0 48	22 51	0 41	2 25	11 10	23 49	23 48	13 10		n.a.
M27	11 51	23 4	2 29	8 22	3 22	16 1	1 25	4 20	2 34	17 33	1 5	23 2	1 25	6 29	0 48	22 51	0 41	2 24	11 10	23 49	23 48	13 8		n.a.
T 28	11s30	24s14	1s23	8s47	3n13	15s37	1s25	4s22	2n34	17s29	1s 5	23n 2	1n25	6n30	0n48	22s51	0n41	2s24	11n10	23s49	23s48	13n 5		n.a.

Julian Day Number = 1367892.5, Delta T = 06h53m14s
Ecliptic obliquity = 23°48'39, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°26'19, Lahiri = -17°19'18 Julian Calendar 1 Feb. 968 BCE == Greg. Calendar 23 Jan. 968 BCE

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ASTRODIENST EPHEMERIS for the year 968 BCE
geocentric

MARCH 968 BCE (-967) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 57 32	1♓24'22	28♐12	28°R46	23♒34	16♎58	15♒43	23°R55	15°R32	21♐25	3°R35	29°R56	28♐47	14♌58	n.a.	W 1
T 2	10 1 28	2°23'12	12♑31	27♒58	24°49	17° 1	15°58	23♋52	15♍30	21°26	3♏35	29♐55	28°44	15° 5	n.a.	T 2
F 3	10 5 25	3°22'00	27°14	27°12	26° 3	17° 4	16°12	23°49	15°27	21°27	3°34	29°53	28°41	15°12	n.a.	F 3
S 4	10 9 21	4°20'46	12♒16	26°29	27°17	17° 6	16°26	23°46	15°25	21°28	3°33	29°47	28°38	15°18	n.a.	S 4
S 5	10 13 18	5°19'30	27°28	25°48	28°31	17° 7	16°40	23°43	15°22	21°29	3°33	29°40	28°35	15°25	n.a.	S 5
M 6	10 17 14	6°18'12	12♓41	25°10	29°45	17°R 8	16°54	23°40	15°20	21°30	3°32	29°30	28°31	15°32	n.a.	M 6
T 7	10 21 11	7°16'52	27°43	24°37	0♓59	17° 7	17° 8	23°37	15°17	21°31	3°31	29°20	28°28	15°39	n.a.	T 7
W 8	10 25 7	8°15'30	12♈26	24° 8	2°13	17° 7	17°22	23°34	15°15	21°32	3°31	29°11	28°25	15°45	n.a.	W 8
T 9	10 29 4	9°14'05	26°43	23°44	3°27	17° 5	17°36	23°32	15°12	21°32	3°30	29° 3	28°22	15°52	n.a.	T 9
F 10	10 33 1	10°12'38	10♉29	23°25	4°41	17° 2	17°50	23°29	15°10	21°33	3°29	28°57	28°19	15°59	n.a.	F 10
S 11	10 36 57	11°11'09	23°47	23°11	5°55	16°59	18° 4	23°27	15° 7	21°34	3°28	28°54	28°16	16° 5	n.a.	S 11
S 12	10 40 54	12° 9'38	6♊37	23° 3	7° 9	16°55	18°17	23°24	15° 5	21°35	3°28	28°52	28°12	16°12	n.a.	S 12
M13	10 44 50	13° 8'04	19° 6	22°D59	8°23	16°50	18°31	23°22	15° 2	21°35	3°27	28°D52	28° 9	16°19	n.a.	M13
T 14	10 48 47	14° 6'28	1♋16	23° 1	9°37	16°45	18°45	23°20	14°59	21°36	3°26	28°R52	28° 6	16°25	n.a.	T 14
W15	10 52 43	15° 4'50	13°15	23° 7	10°51	16°39	18°59	23°18	14°57	21°37	3°25	28°52	28° 3	16°32	n.a.	W15
T 16	10 56 40	16° 3'09	25° 6	23°19	12° 5	16°32	19°12	23°16	14°54	21°37	3°24	28°49	28° 0	16°39	n.a.	T 16
F 17	11 0 36	17° 1'27	6♌54	23°35	13°19	16°24	19°26	23°14	14°52	21°38	3°23	28°44	27°56	16°45	n.a.	F 17
S 18	11 4 33	17°59'42	18°44	23°56	14°33	16°15	19°39	23°12	14°49	21°38	3°22	28°35	27°53	16°52	n.a.	S 18
S 19	11 8 30	18°57'55	0♍37	24°21	15°47	16° 6	19°53	23°10	14°47	21°39	3°21	28°25	27°50	16°59	n.a.	S 19
M20	11 12 26	19°56'06	12°36	24°51	17° 1	15°56	20° 6	23° 9	14°44	21°39	3°20	28°12	27°47	17° 5	n.a.	M20
T 21	11 16 23	20°54'15	24°42	25°25	18°15	15°46	20°20	23° 7	14°41	21°40	3°19	27°59	27°44	17°12	n.a.	T 21
W22	11 20 19	21°52'23	6♎57	26° 3	19°29	15°34	20°33	23° 6	14°39	21°40	3°18	27°45	27°41	17°19	n.a.	W22
T 23	11 24 16	22°50'28	19°20	26°45	20°43	15°22	20°46	23° 5	14°36	21°41	3°17	27°33	27°37	17°26	n.a.	T 23
F 24	11 28 12	23°48'32	1♏54	27°30	21°57	15° 9	21° 0	23° 3	14°34	21°41	3°16	27°23	27°34	17°32	n.a.	F 24
S 25	11 32 9	24°46'34	14°39	28°19	23°11	14°56	21°13	23° 2	14°31	21°41	3°15	27°15	27°31	17°39	n.a.	S 25
S 26	11 36 5	25°44'35	27°36	29°11	24°25	14°41	21°26	23° 1	14°29	21°42	3°13	27°11	27°28	17°46	n.a.	S 26
M27	11 40 2	26°42'34	10♐47	0♓ 6	25°39	14°27	21°39	23° 0	14°26	21°42	3°12	27° 9	27°25	17°52	n.a.	M27
T 28	11 43 58	27°40'32	24°16	1° 4	26°53	14°11	21°52	23° 0	14°24	21°42	3°11	27° 9	27°22	17°59	n.a.	T 28
W29	11 47 55	28°38'28	8♑ 3	2° 6	28° 6	13°55	22° 5	22°59	14°21	21°42	3°10	27° 9	27°18	18° 6	n.a.	W29
T 30	11 51 52	29°36'23	22°10	3°10	29°20	13°38	22°18	22°58	14°19	21°42	3° 8	27° 8	27°15	18°12	n.a.	T 30
F 31	11 55 48	0♈34'17	6♒36	4♓17	0♈34	13♎21	22♒31	22♋58	14♍17	21♐42	3♏ 7	27♐ 5	27♐12	18♌19	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	11s 8	23s57	0s 9	9s14	3n 3	15s13	1s25	4s24	2n34	17s25	1s 5	23n 3	1n25	6n31	0n48	22s51	0n41	2s24	11n11	23s49	23s48	13n 3			n.a.
T 2	10 47	22 6	1n 7	9 41	2 52	14 48	1 25	4 26	2 33	17 20	1 5	23 4	1 25	6 32	0 48	22 51	0 41	2 23	11 11	23 49	23 48	13 0			n.a.
F 3	10 26	18 45	2 20	10 9	2 39	14 22	1 26	4 27	2 33	17 16	1 6	23 4	1 25	6 33	0 48	22 51	0 41	2 23	11 11	23 49	23 48	12 57			n.a.
S 4	10 4	14 6	3 25	10 37	2 25	13 57	1 26	4 28	2 33	17 12	1 6	23 5	1 25	6 34	0 48	22 51	0 41	2 22	11 11	23 49	23 48	12 55			n.a.
S 5	9 42	8 31	4 17	11 4	2 11	13 30	1 26	4 29	2 32	17 8	1 6	23 5	1 25	6 35	0 48	22 51	0 41	2 22	11 11	23 49	23 48	12 52			n.a.
M 6	9 20	2 27	4 50	11 31	1 56	13 4	1 26	4 30	2 32	17 4	1 6	23 6	1 25	6 36	0 48	22 51	0 41	2 22	11 12	23 49	23 48	12 50			n.a.
T 7	8 58	3n42	5 3	11 57	1 40	12 37	1 25	4 30	2 31	16 59	1 6	23 6	1 25	6 37	0 48	22 51	0 41	2 21	11 12	23 49	23 48	12 47			n.a.
W 8	8 36	9 30	4 55	12 21	1 25	12 10	1 25	4 30	2 31	16 55	1 6	23 7	1 25	6 38	0 48	22 51	0 41	2 21	11 12	23 48	23 48	12 45			n.a.
T 9	8 14	14 37	4 29	12 44	1 9	11 43	1 25	4 30	2 30	16 51	1 6	23 7	1 25	6 39	0 48	22 51	0 41	2 20	11 12	23 48	23 48	12 42			n.a.
F 10	7 51	18 47	3 47	13 5	0 53	11 15	1 25	4 30	2 30	16 47	1 6	23 7	1 25	6 40	0 48	22 51	0 41	2 20	11 13	23 48	23 48	12 40			n.a.
S 11	7 29	21 50	2 55	13 25	0 37	10 47	1 24	4 29	2 29	16 42	1 6	23 8	1 25	6 41	0 48	22 51	0 41	2 19	11 13	23 48	23 48	12 37			n.a.
S 12	7 6	23 39	1 55	13 42	0 22	10 19	1 24	4 28	2 28	16 38	1 7	23 8	1 25	6 42	0 48	22 51	0 41	2 19	11 13	23 48	23 48	12 35			n.a.
M13	6 44	24 13	0 52	13 57	0 7	9 50	1 23	4 27	2 27	16 34	1 7	23 9	1 25	6 43	0 48	22 51	0 41	2 18	11 13	23 48	23 48	12 32			n.a.
T 14	6 21	23 36	0s13	14 11	0s 8	9 21	1 23	4 26	2 26	16 30	1 7	23 9	1 25	6 44	0 48	22 52	0 41	2 18	11 13	23 48	23 48	12 29			n.a.
W15	5 58	21 53	1 16	14 22	0 22	8 52	1 22	4 24	2 26	16 25	1 7	23 9	1 25	6 45	0 48	22 52	0 41	2 17	11 14	23 48	23 48	12 27			n.a.
T 16	5 35	19 15	2 14	14 31	0 35	8 23	1 21	4 23	2 25	16 21	1 7	23 10	1 25	6 46	0 48	22 52	0 41	2 17	11 14	23 48	23 48	12 24			n.a.
F 17	5 12	15 49	3 7	14 37	0 48	7 53	1 21	4 21	2 23	16 17	1 7	23 10	1 25	6 47	0 48	22 52	0 41	2 16	11 14	23 48	23 48	12 22			n.a.
S 18	4 49	11 47	3 51	14 42	1 0	7 24	1 20	4 18	2 22	16 13	1 7	23 10	1 25	6 48	0 48	22 52	0 41	2 16	11 14	23 48	23 48	12 19			n.a.
S 19	4 26	7 17	4 26	14 44	1 12	6 54	1 19	4 16	2 21	16 9	1 7	23 10	1 24	6 49	0 48	22 52	0 41	2 15	11 14	23 48	23 48	12 17			n.a.
M20	4 3	2 30	4 49	14 44	1 23	6 24	1 18	4 13	2 20	16 4	1 8	23 11	1 24	6 50	0 48	22 52	0 41	2 15	11 15	23 48	23 48	12 14			n.a.
T 21	3 40	2s26	4 59	14 42	1 33	5 54	1 17	4 10	2 19	16 0	1 8	23 11	1 24	6 51	0 48	22 52	0 41	2 14	11 15	23 48	23 47	12 11			n.a.
W22	3 16	7 19	4 56	14 38	1 43	5 23	1 16	4 7	2 17	15 56	1 8	23 11	1 24	6 52	0 48	22 52	0 41	2 14	11 15	23 47	23 47	12 9			n.a.
T 23	2 53	11 58	4 39	14 32	1 52	4 53	1 15	4 4	2 16	15 52	1 8	23 11	1 24	6 53	0 48	22 52	0 41	2 13	11 15	23 47	23 47	12 6			n.a.
F 24	2 30	16 11	4 8	14 24	2 0	4 22	1 14	4 0	2 14	15 48	1 8	23 11	1 24	6 54	0 48	22 52	0 41	2 13	11 15	23 47	23 47	12 4			n.a.
S 25	2 6	19 44	3 24	14 14	2 8	3 51	1 13	3 56	2 12	15 44	1 8	23 12	1 24	6 55	0 48	22 52	0 41	2 12	11 15	23 47	23 47	12 1			n.a.
S 26	1 43	22 21	2 29	14 2	2 14	3 20	1 11	3 52	2 11	15 39	1 9	23 12	1 24	6 56	0 48	22 52	0 41	2 12	11 16	23 47	23 47	11 59			n.a.
M27	1 20	23 49	1 25	13 48	2 21	2 50	1 10	3 48	2 9	15 35	1 9	23 12	1 24	6 57	0 48	22 52	0 41	2 11	11 16	23 47	23 47	11 56			n.a.
T 28	0 56	23 56	0 15	13 32	2 26	2 18	1 9	3 44	2 7	15 31	1 9	23 12	1 24	6 58	0 48	22 52	0 41	2 11	11 16	23 47	23 47	11 53			n.a.
W29	0 33	22 37	0n57	13 14	2 31	1 47	1 7	3 39	2 5	15 27	1 9	23 12	1 24	6 59	0 48	22 52	0 41	2 10	11 16	23 47	23 47	11 51			n.a.
T 30	0 10	19 51	2 8	12 54	2 35	1 16	1 6	3 35	2 3	15 23	1 9	23 12	1 24	7 0	0 48	22 52	0 41	2 10	11 16	23 47	23 47	11 48			n.a.
F 31	0n14	15s49	3n12	12s33	2s39	0s45	1s 4	3s30	2n 1	15s19	1s 9	23n12	1n24	7n 1	0n48	22s52	0n41	2s 9	11n16	23s47	23s47	11n46			n.a.

Julian Day Number = 1367920.5, Delta T = 06h53m13s
Ecliptic obliquity = 23°48'39, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°26'15, Lahiri = -17°19'14 Julian Calendar 1 March 968 BCE == Greg. Calendar 20 Feb. 968 BCE

The year -967 astronomical counting style corresponds to year 968 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 968 BCE
geocentric

APRIL 968 BCE (-967) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 59 45	1♈32'09	21♒19	5♓26	1♈48	13°R 3	22♒44	22°R58	14°R14	21♐42	3°R 6	26°R59	27♐ 9	18♌26	n.a.	S 1
S 2	12 3 41	2°30'00	6♓13	6°39	3° 2	12♎45	22°56	22♋57	14♍12	21°43	3♏ 5	26♐51	27° 6	18°32	n.a.	S 2
M 3	12 7 38	3°27'49	21°10	7°53	4°16	12°27	23° 9	22°57	14° 9	21°R43	3° 3	26°40	27° 2	18°39	n.a.	M 3
T 4	12 11 34	4°25'37	6♈ 1	9°11	5°29	12° 7	23°22	22°D57	14° 7	21°42	3° 2	26°29	26°59	18°46	n.a.	T 4
W 5	12 15 31	5°23'23	20°37	10°30	6°43	11°48	23°34	22°57	14° 5	21°42	3° 1	26°18	26°56	18°53	n.a.	W 5
T 6	12 19 27	6°21'07	4♉52	11°52	7°57	11°28	23°47	22°57	14° 2	21°42	2°59	26° 9	26°53	18°59	n.a.	T 6
F 7	12 23 24	7°18'50	18°39	13°16	9°11	11° 8	23°59	22°58	14° 0	21°42	2°58	26° 2	26°50	19° 6	n.a.	F 7
S 8	12 27 21	8°16'31	2♊ 0	14°43	10°25	10°48	24°11	22°58	13°58	21°42	2°56	25°58	26°47	19°13	n.a.	S 8
S 9	12 31 17	9°14'11	14°54	16°12	11°38	10°27	24°24	22°58	13°55	21°42	2°55	25°56	26°43	19°19	n.a.	S 9
M10	12 35 14	10°11'49	27°25	17°43	12°52	10° 7	24°36	22°59	13°53	21°42	2°53	25°D55	26°40	19°26	n.a.	M10
T 11	12 39 10	11° 9'25	9♋38	19°16	14° 6	9°46	24°48	23° 0	13°51	21°41	2°52	25°R56	26°37	19°33	n.a.	T 11
W12	12 43 7	12° 6'59	21°38	20°51	15°20	9°25	25° 0	23° 0	13°49	21°41	2°51	25°55	26°34	19°39	n.a.	W12
T 13	12 47 3	13° 4'32	3♌30	22°29	16°33	9° 4	25°12	23° 1	13°47	21°41	2°49	25°53	26°31	19°46	n.a.	T 13
F 14	12 51 0	14° 2'03	15°20	24° 9	17°47	8°43	25°23	23° 2	13°45	21°41	2°48	25°49	26°27	19°53	n.a.	F 14
S 15	12 54 56	14°59'33	27°11	25°51	19° 1	8°22	25°35	23° 3	13°43	21°40	2°46	25°43	26°24	20° 0	n.a.	S 15
S 16	12 58 53	15°57'01	9♍ 8	27°35	20°15	8° 2	25°47	23° 5	13°41	21°40	2°44	25°34	26°21	20° 6	n.a.	S 16
M17	13 2 50	16°54'28	21°14	29°21	21°28	7°41	25°58	23° 6	13°38	21°39	2°43	25°23	26°18	20°13	n.a.	M17
T 18	13 6 46	17°51'53	3♎30	1♈10	22°42	7°21	26°10	23° 7	13°37	21°39	2°41	25°11	26°15	20°20	n.a.	T 18
W19	13 10 43	18°49'18	15°58	3° 0	23°56	7° 1	26°21	23° 9	13°35	21°38	2°40	25° 0	26°12	20°26	n.a.	W19
T 20	13 14 39	19°46'41	28°38	4°53	25° 9	6°41	26°33	23°10	13°33	21°38	2°38	24°49	26° 8	20°33	n.a.	T 20
F 21	13 18 36	20°44'03	11♏29	6°48	26°23	6°22	26°44	23°12	13°31	21°37	2°37	24°40	26° 5	20°40	n.a.	F 21
S 22	13 22 32	21°41'24	24°32	8°45	27°37	6° 3	26°55	23°14	13°29	21°37	2°35	24°34	26° 2	20°46	n.a.	S 22
S 23	13 26 29	22°38'44	7♐46	10°44	28°50	5°44	27° 6	23°16	13°27	21°36	2°34	24°31	25°59	20°53	n.a.	S 23
M24	13 30 25	23°36'04	21°12	12°45	0♉ 4	5°26	27°17	23°18	13°25	21°35	2°32	24°D30	25°56	21° 0	n.a.	M24
T 25	13 34 22	24°33'22	4♑50	14°47	1°18	5° 8	27°28	23°20	13°24	21°35	2°30	24°30	25°53	21° 6	n.a.	T 25
W26	13 38 19	25°30'40	18°40	16°52	2°31	4°51	27°38	23°22	13°22	21°34	2°29	24°31	25°49	21°13	n.a.	W26
T 27	13 42 15	26°27'58	2♒43	18°58	3°45	4°35	27°49	23°24	13°20	21°33	2°27	24°R31	25°46	21°20	n.a.	T 27
F 28	13 46 12	27°25'14	16°57	21° 6	4°58	4°18	28° 0	23°27	13°19	21°33	2°26	24°29	25°43	21°27	n.a.	F 28
S 29	13 50 8	28°22'30	1♓22	23°15	6°12	4° 3	28°10	23°29	13°17	21°32	2°24	24°25	25°40	21°33	n.a.	S 29
S 30	13 54 5	29♈19'46	15♓53	25♈24	7♉26	3♎48	28♒20	23♋32	13♍16	21♐31	2♏22	24♐19	25♐37	21♌40	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n37	10s45	4n 5	12s 9	2s41	0s14	1s 3	3s25	1n59	15s15	1s 9	23n12	1n24	7n 2	0n48	22s52	0n41	2s 9	11n16	23s47	23s47	11n43		n.a.
S 2	1 1	5 1	4 42	11 44	2 44	0n17	1 1	3 20	1 57	15 11	1 10	23 12	1 24	7 3	0 48	22 52	0 41	2 8	11 16	23 46	23 47	11 41		n.a.
M 3	1 24	1n 1	4 59	11 17	2 45	0 49	0 59	3 14	1 54	15 6	1 10	23 12	1 24	7 4	0 48	22 52	0 41	2 7	11 17	23 46	23 47	11 38		n.a.
T 4	1 47	6 57	4 56	10 49	2 46	1 20	0 58	3 9	1 52	15 2	1 10	23 12	1 24	7 5	0 48	22 52	0 41	2 7	11 17	23 46	23 47	11 35		n.a.
W 5	2 10	12 24	4 34	10 18	2 46	1 51	0 56	3 3	1 50	14 58	1 10	23 12	1 24	7 6	0 48	22 52	0 41	2 6	11 17	23 45	23 46	11 33		n.a.
T 6	2 34	17 2	3 55	9 46	2 46	2 22	0 54	2 58	1 47	14 54	1 10	23 12	1 24	7 6	0 48	22 52	0 41	2 6	11 17	23 45	23 46	11 30		n.a.
F 7	2 57	20 35	3 4	9 12	2 45	2 54	0 52	2 52	1 45	14 50	1 10	23 12	1 23	7 7	0 48	22 52	0 41	2 5	11 17	23 45	23 46	11 28		n.a.
S 8	3 20	22 54	2 3	8 37	2 44	3 25	0 51	2 47	1 42	14 46	1 11	23 11	1 23	7 8	0 48	22 52	0 41	2 5	11 17	23 45	23 46	11 25		n.a.
S 9	3 43	23 54	0 58	8 0	2 41	3 56	0 49	2 41	1 39	14 42	1 11	23 11	1 23	7 9	0 48	22 52	0 41	2 4	11 17	23 45	23 46	11 22		n.a.
M10	4 6	23 39	0s 8	7 21	2 39	4 27	0 47	2 35	1 36	14 38	1 11	23 11	1 23	7 10	0 48	22 52	0 41	2 4	11 17	23 45	23 46	11 20		n.a.
T 11	4 29	22 15	1 12	6 41	2 35	4 58	0 45	2 30	1 34	14 34	1 11	23 11	1 23	7 11	0 48	22 52	0 41	2 3	11 17	23 45	23 46	11 17		n.a.
W12	4 52	19 52	2 12	6 0	2 31	5 28	0 43	2 24	1 31	14 31	1 11	23 11	1 23	7 12	0 48	22 52	0 41	2 3	11 17	23 45	23 46	11 15		n.a.
T 13	5 14	16 40	3 5	5 16	2 27	5 59	0 41	2 19	1 28	14 27	1 12	23 11	1 23	7 12	0 48	22 52	0 41	2 2	11 17	23 45	23 46	11 12		n.a.
F 14	5 37	12 49	3 51	4 32	2 22	6 29	0 39	2 13	1 25	14 23	1 12	23 10	1 23	7 13	0 48	22 51	0 41	2 1	11 17	23 45	23 46	11 9		n.a.
S 15	6 0	8 29	4 26	3 45	2 16	7 0	0 36	2 7	1 22	14 19	1 12	23 10	1 23	7 14	0 48	22 51	0 41	2 1	11 17	23 44	23 46	11 7		n.a.
S 16	6 22	3 48	4 50	2 58	2 10	7 30	0 34	2 2	1 19	14 15	1 12	23 10	1 23	7 15	0 48	22 51	0 41	2 0	11 17	23 44	23 46	11 4		n.a.
M17	6 45	1s 5	5 1	2 9	2 4	8 0	0 32	1 57	1 15	14 11	1 12	23 10	1 23	7 15	0 48	22 51	0 41	2 0	11 17	23 44	23 45	11 2		n.a.
T 18	7 7	5 58	4 59	1 18	1 56	8 30	0 30	1 51	1 12	14 8	1 13	23 9	1 23	7 16	0 47	22 51	0 41	1 59	11 17	23 43	23 45	10 59		n.a.
W19	7 29	10 42	4 42	0 27	1 49	9 0	0 28	1 46	1 9	14 4	1 13	23 9	1 23	7 17	0 47	22 51	0 41	1 59	11 17	23 43	23 45	10 56		n.a.
T 20	7 51	15 4	4 12	0n26	1 41	9 29	0 25	1 41	1 6	14 0	1 13	23 9	1 23	7 18	0 47	22 51	0 41	1 58	11 17	23 42	23 45	10 54		n.a.
F 21	8 13	18 48	3 28	1 20	1 32	9 58	0 23	1 37	1 3	13 56	1 13	23 8	1 23	7 18	0 47	22 51	0 41	1 58	11 17	23 42	23 45	10 51		n.a.
S 22	8 35	21 40	2 33	2 15	1 23	10 28	0 21	1 32	0 59	13 53	1 13	23 8	1 22	7 19	0 47	22 51	0 41	1 57	11 17	23 42	23 45	10 49		n.a.
S 23	8 57	23 24	1 28	3 11	1 14	10 56	0 19	1 27	0 56	13 49	1 14	23 7	1 22	7 20	0 47	22 51	0 41	1 57	11 17	23 42	23 45	10 46		n.a.
M24	9 18	23 48	0 18	4 8	1 4	11 25	0 16	1 23	0 53	13 46	1 14	23 7	1 22	7 20	0 47	22 51	0 41	1 56	11 17	23 42	23 45	10 43		n.a.
T 25	9 40	22 48	0n55	5 5	0 54	11 53	0 14	1 19	0 49	13 42	1 14	23 7	1 22	7 21	0 47	22 51	0 41	1 56	11 17	23 42	23 45	10 41		n.a.
W26	10 1	20 25	2 6	6 3	0 44	12 21	0 12	1 15	0 46	13 38	1 14	23 6	1 22	7 22	0 47	22 51	0 41	1 55	11 17	23 42	23 45	10 38		n.a.
T 27	10 22	16 47	3 10	7 2	0 33	12 49	0 9	1 11	0 43	13 35	1 15	23 6	1 22	7 22	0 47	22 51	0 41	1 55	11 17	23 42	23 45	10 35		n.a.
F 28	10 43	12 8	4 3	8 0	0 23	13 16	0 7	1 8	0 40	13 31	1 15	23 5	1 22	7 23	0 47	22 51	0 41	1 54	11 17	23 42	23 44	10 33		n.a.
S 29	11 4	6 47	4 41	8 59	0 12	13 43	0 4	1 5	0 36	13 28	1 15	23 5	1 22	7 23	0 47	22 51	0 41	1 54	11 17	23 41	23 44	10 30		n.a.
S 30	11n24	1s 1	5n 2	9n57	0s 1	14n10	0s 2	1s 2	0n33	13s24	1s15	23n 4	1n22	7n24	0n47	22s51	0n41	1s53	11n17	23s41	23s44	10n28		n.a.

Julian Day Number = 1367951.5, Delta T = 06h53m12s
Ecliptic obliquity = 23°48'39, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°26'11, Lahiri = -17°19'10 Julian Calendar 1 Apr. 968 BCE == Greg. Calendar 23 March 968 BCE

The year -967 astronomical counting style corresponds to year 968 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 968 BCE
geocentric

MAY 968 BCE (-967) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 58 1	0♉17'01	0♈26	27♈35	8♉39	3°R34	28♒31	23♋34	13°R14	21°R30	2°R21	24°R12	25♐33	21♌47	n.a.	M 1
T 2	14 1 58	1°14'15	14°53	29°47	9°53	3♎21	28°41	23°37	13♍13	21♐29	2♏19	24♐ 4	25°30	21°53	n.a.	T 2
W 3	14 5 54	2°11'28	29° 9	1♉58	11° 6	3° 8	28°51	23°40	13°11	21°28	2°17	23°56	25°27	22° 0	n.a.	W 3
T 4	14 9 51	3° 8'41	13♉ 7	4°10	12°20	2°56	29° 0	23°43	13°10	21°27	2°16	23°49	25°24	22° 7	n.a.	T 4
F 5	14 13 48	4° 5'54	26°45	6°21	13°34	2°45	29°10	23°46	13° 9	21°26	2°14	23°44	25°21	22°13	n.a.	F 5
S 6	14 17 44	5° 3'05	9♊59	8°32	14°47	2°34	29°20	23°49	13° 7	21°26	2°13	23°41	25°18	22°20	n.a.	S 6
S 7	14 21 41	6° 0'16	22°51	10°42	16° 1	2°25	29°29	23°52	13° 6	21°25	2°11	23°D40	25°14	22°27	n.a.	S 7
M 8	14 25 37	6°57'26	5♋23	12°52	17°14	2°16	29°39	23°56	13° 5	21°24	2° 9	23°41	25°11	22°34	n.a.	M 8
T 9	14 29 34	7°54'35	17°37	15° 0	18°28	2° 8	29°48	23°59	13° 4	21°22	2° 8	23°42	25° 8	22°40	n.a.	T 9
W10	14 33 30	8°51'43	29°39	17° 6	19°42	2° 1	29°57	24° 2	13° 3	21°21	2° 6	23°43	25° 5	22°47	n.a.	W10
T 11	14 37 27	9°48'51	11♌33	19°11	20°55	1°54	0♓ 6	24° 6	13° 2	21°20	2° 5	23°R43	25° 2	22°54	n.a.	T 11
F 12	14 41 23	10°45'58	23°25	21°15	22° 9	1°49	0°15	24°10	13° 1	21°19	2° 3	23°42	24°59	23° 0	n.a.	F 12
S 13	14 45 20	11°43'04	5♍19	23°16	23°22	1°44	0°24	24°13	13° 0	21°18	2° 1	23°40	24°55	23° 7	n.a.	S 13
S 14	14 49 17	12°40'09	17°19	25°16	24°36	1°40	0°33	24°17	12°59	21°17	2° 0	23°35	24°52	23°14	n.a.	S 14
M15	14 53 13	13°37'14	29°30	27°13	25°49	1°37	0°41	24°21	12°58	21°16	1°58	23°30	24°49	23°21	n.a.	M15
T 16	14 57 10	14°34'19	11♎54	29° 9	27° 3	1°35	0°50	24°25	12°57	21°15	1°57	23°23	24°46	23°27	n.a.	T 16
W17	15 1 6	15°31'23	24°34	1♊ 2	28°16	1°34	0°58	24°29	12°56	21°13	1°55	23°17	24°43	23°34	n.a.	W17
T 18	15 5 3	16°28'27	7♏29	2°53	29°30	1°D34	1° 6	24°33	12°56	21°12	1°54	23°11	24°39	23°41	n.a.	T 18
F 19	15 8 59	17°25'30	20°39	4°42	0♊43	1°34	1°14	24°37	12°55	21°11	1°52	23° 6	24°36	23°47	n.a.	F 19
S 20	15 12 56	18°22'33	4♐ 5	6°29	1°57	1°35	1°22	24°42	12°55	21° 9	1°50	23° 3	24°33	23°54	n.a.	S 20
S 21	15 16 52	19°19'37	17°42	8°13	3°10	1°37	1°30	24°46	12°54	21° 8	1°49	23°D 2	24°30	24° 1	n.a.	S 21
M22	15 20 49	20°16'40	1♑31	9°56	4°24	1°40	1°37	24°51	12°54	21° 7	1°47	23° 2	24°27	24° 7	n.a.	M22
T 23	15 24 46	21°13'44	15°29	11°36	5°37	1°43	1°45	24°55	12°53	21° 6	1°46	23° 3	24°24	24°14	n.a.	T 23
W24	15 28 42	22°10'48	29°33	13°14	6°51	1°48	1°52	25° 0	12°53	21° 4	1°44	23° 5	24°20	24°21	n.a.	W24
T 25	15 32 39	23° 7'51	13♒42	14°50	8° 4	1°53	1°59	25° 4	12°52	21° 3	1°43	23° 6	24°17	24°28	n.a.	T 25
F 26	15 36 35	24° 4'56	27°55	16°23	9°18	1°59	2° 6	25° 9	12°52	21° 1	1°41	23°R 6	24°14	24°34	n.a.	F 26
S 27	15 40 32	25° 2'00	12♓ 9	17°54	10°31	2° 5	2°13	25°14	12°52	21° 0	1°40	23° 5	24°11	24°41	n.a.	S 27
S 28	15 44 28	25°59'05	26°21	19°23	11°44	2°13	2°20	25°19	12°52	20°59	1°39	23° 3	24° 8	24°48	n.a.	S 28
M29	15 48 25	26°56'11	10♈29	20°50	12°58	2°21	2°26	25°24	12°52	20°57	1°37	23° 0	24° 4	24°54	n.a.	M29
T 30	15 52 22	27°53'16	24°29	22°14	14°11	2°30	2°32	25°29	12°51	20°56	1°36	22°56	24° 1	25° 1	n.a.	T 30
W31	15 56 18	28♉50'23	8♉17	23♊36	15♊25	2♎40	2♓39	25♋34	12°D51	20♐54	1♏34	22♐53	23♐58	25♌ 8	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11n45	4n48	5n 4	10n55	0n 9	14n37	0n 0	0s59	0n30	13s21	1s16	23n 4	1n22	7n25	0n47	22s51	0n41	1s53	11n17	23s41	23s44	10n25			n.a.
T 2	12 5	10 20	4 46	11 52	0 20	15 3	0 3	0 57	0 26	13 18	1 16	23 3	1 22	7 25	0 47	22 51	0 41	1 52	11 17	23 41	23 44	10 22			n.a.
W 3	12 25	15 14	4 10	12 49	0 30	15 28	0 5	0 55	0 23	13 14	1 16	23 3	1 22	7 26	0 47	22 51	0 41	1 52	11 17	23 40	23 44	10 20			n.a.
T 4	12 45	19 12	3 20	13 44	0 40	15 54	0 8	0 53	0 20	13 11	1 16	23 2	1 22	7 26	0 47	22 50	0 41	1 51	11 17	23 40	23 44	10 17			n.a.
F 5	13 5	22 0	2 20	14 37	0 50	16 19	0 10	0 51	0 17	13 8	1 16	23 1	1 22	7 27	0 47	22 50	0 41	1 51	11 17	23 40	23 44	10 14			n.a.
S 6	13 24	23 30	1 13	15 30	0 59	16 43	0 12	0 50	0 14	13 5	1 17	23 1	1 22	7 27	0 47	22 50	0 41	1 51	11 17	23 39	23 44	10 12			n.a.
S 7	13 44	23 41	0 4	16 20	1 8	17 7	0 15	0 49	0 10	13 2	1 17	23 0	1 22	7 27	0 47	22 50	0 41	1 50	11 16	23 39	23 43	10 9			n.a.
M 8	14 3	22 39	1s 3	17 8	1 16	17 31	0 17	0 48	0 7	12 58	1 17	23 0	1 21	7 28	0 47	22 50	0 41	1 50	11 16	23 39	23 43	10 7			n.a.
T 9	14 22	20 33	2 6	17 55	1 23	17 54	0 20	0 48	0 4	12 55	1 17	22 59	1 21	7 28	0 47	22 50	0 41	1 49	11 16	23 39	23 43	10 4			n.a.
W10	14 40	17 34	3 2	18 39	1 31	18 17	0 22	0 48	0 1	12 52	1 18	22 58	1 21	7 29	0 47	22 50	0 41	1 49	11 16	23 40	23 43	10 1			n.a.
T 11	14 59	13 54	3 50	19 21	1 37	18 39	0 24	0 48	0s 2	12 49	1 18	22 57	1 21	7 29	0 47	22 50	0 41	1 48	11 16	23 40	23 43	9 59			n.a.
F 12	15 17	9 43	4 28	20 0	1 43	19 1	0 27	0 49	0 5	12 46	1 18	22 57	1 21	7 29	0 47	22 50	0 41	1 48	11 16	23 40	23 43	9 56			n.a.
S 13	15 35	5 9	4 54	20 37	1 48	19 22	0 29	0 49	0 8	12 43	1 19	22 56	1 21	7 30	0 47	22 50	0 41	1 48	11 16	23 39	23 43	9 53			n.a.
S 14	15 53	0 22	5 8	21 11	1 52	19 43	0 31	0 50	0 11	12 41	1 19	22 55	1 21	7 30	0 47	22 50	0 41	1 47	11 15	23 39	23 43	9 51			n.a.
M15	16 10	4s30	5 8	21 43	1 56	20 3	0 34	0 52	0 14	12 38	1 19	22 55	1 21	7 30	0 47	22 50	0 41	1 47	11 15	23 39	23 42	9 48			n.a.
T 16	16 28	9 16	4 54	22 13	1 59	20 23	0 36	0 54	0 17	12 35	1 19	22 54	1 21	7 31	0 46	22 50	0 41	1 47	11 15	23 39	23 42	9 46			n.a.
W17	16 45	13 45	4 25	22 40	2 2	20 42	0 38	0 56	0 19	12 32	1 20	22 53	1 21	7 31	0 46	22 49	0 41	1 46	11 15	23 38	23 42	9 43			n.a.
T 18	17 1	17 43	3 42	23 4	2 3	21 1	0 40	0 58	0 22	12 30	1 20	22 52	1 21	7 31	0 46	22 49	0 41	1 46	11 15	23 38	23 42	9 40			n.a.
F 19	17 18	20 52	2 47	23 26	2 4	21 19	0 43	1 1	0 25	12 27	1 20	22 51	1 21	7 31	0 46	22 49	0 41	1 46	11 15	23 38	23 42	9 38			n.a.
S 20	17 34	22 57	1 42	23 46	2 5	21 36	0 45	1 4	0 27	12 24	1 20	22 51	1 21	7 32	0 46	22 49	0 41	1 45	11 14	23 38	23 42	9 35			n.a.
S 21	17 50	23 43	0 29	24 4	2 4	21 53	0 47	1 7	0 30	12 22	1 21	22 50	1 21	7 32	0 46	22 49	0 41	1 45	11 14	23 37	23 42	9 32			n.a.
M22	18 5	23 2	0n46	24 19	2 3	22 9	0 49	1 10	0 33	12 19	1 21	22 49	1 21	7 32	0 46	22 49	0 41	1 45	11 14	23 37	23 42	9 30			n.a.
T 23	18 21	20 55	2 0	24 32	2 1	22 25	0 51	1 14	0 35	12 17	1 21	22 48	1 21	7 32	0 46	22 49	0 41	1 44	11 14	23 38	23 41	9 27			n.a.
W24	18 36	17 31	3 6	24 43	1 59	22 40	0 53	1 18	0 38	12 14	1 22	22 47	1 21	7 32	0 46	22 49	0 41	1 44	11 13	23 38	23 41	9 24			n.a.
T 25	18 51	13 6	4 2	24 51	1 56	22 54	0 56	1 22	0 40	12 12	1 22	22 46	1 21	7 32	0 46	22 49	0 41	1 44	11 13	23 38	23 41	9 22			n.a.
F 26	19 5	7 57	4 44	24 58	1 53	23 8	0 58	1 27	0 43	12 10	1 22	22 45	1 21	7 32	0 46	22 49	0 41	1 43	11 13	23 38	23 41	9 19			n.a.
S 27	19 19	2 23	5 8	25 3	1 48	23 21	1 0	1 32	0 45	12 8	1 22	22 44	1 21	7 32	0 46	22 49	0 41	1 43	11 13	23 38	23 41	9 17			n.a.
S 28	19 33	3n18	5 13	25 6	1 44	23 33	1 1	1 37	0 47	12 5	1 23	22 43	1 20	7 32	0 46	22 48	0 41	1 43	11 12	23 37	23 41	9 14			n.a.
M29	19 47	8 47	4 59	25 7	1 38	23 45	1 3	1 42	0 49	12 3	1 23	22 42	1 20	7 32	0 46	22 48	0 41	1 43	11 12	23 37	23 41	9 11			n.a.
T 30	20 0	13 46	4 27	25 7	1 32	23 56	1 5	1 48	0 52	12 1	1 23	22 41	1 20	7 32	0 46	22 48	0 41	1 42	11 12	23 37	23 40	9 9			n.a.
W31	20n13	17n57	3n41	25n 5	1n26	24n 6	1n 7	1s54	0s54	11s59	1s24	22n40	1n20	7n32	0n46	22s48	0n41	1s42	11n12	23s37	23s40	9n 6			n.a.

Julian Day Number = 1367981.5, Delta T = 06h53m10s
Ecliptic obliquity = 23°48'38, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°26'07, Lahiri = -17°19'06 Julian Calendar 1 May 968 BCE == Greg. Calendar 22 Apr. 968 BCE

The year -967 astronomical counting style corresponds to year 968 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 968 BCE
geocentric

JUNE 968 BCE (-967) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 0 15	29♉47'29	21♉52	24♊56	16♊38	2♎50	2♓45	25♋39	12♍51	20°R53	1°R33	22°R50	23♐55	25♌14	n.a.	T 1
F 2	16 4 11	0♊44'36	5♊10	26°13	17°52	3° 1	2°51	25°45	12°52	20♐51	1♏32	22♐48	23°52	25°21	n.a.	F 2
S 3	16 8 8	1°41'43	18°10	27°28	19° 5	3°13	2°56	25°50	12°52	20°50	1°30	22°D47	23°49	25°28	n.a.	S 3
S 4	16 12 4	2°38'51	0♋53	28°40	20°19	3°25	3° 2	25°55	12°52	20°48	1°29	22°47	23°45	25°35	n.a.	S 4
M 5	16 16 1	3°35'58	13°20	29°49	21°32	3°39	3° 7	26° 1	12°52	20°47	1°28	22°48	23°42	25°41	n.a.	M 5
T 6	16 19 57	4°33'06	25°32	0♋56	22°45	3°52	3°13	26° 6	12°52	20°45	1°26	22°49	23°39	25°48	n.a.	T 6
W 7	16 23 54	5°30'15	7♌34	2° 0	23°59	4° 7	3°18	26°12	12°53	20°44	1°25	22°51	23°36	25°55	n.a.	W 7
T 8	16 27 51	6°27'23	19°28	3° 1	25°12	4°22	3°23	26°17	12°53	20°42	1°24	22°52	23°33	26° 1	n.a.	T 8
F 9	16 31 47	7°24'31	1♍21	3°59	26°26	4°38	3°27	26°23	12°54	20°41	1°23	22°53	23°30	26° 8	n.a.	F 9
S 10	16 35 44	8°21'40	13°15	4°54	27°39	4°54	3°32	26°29	12°54	20°39	1°21	22°R53	23°26	26°15	n.a.	S 10
S 11	16 39 40	9°18'49	25°16	5°46	28°52	5°11	3°36	26°35	12°55	20°37	1°20	22°52	23°23	26°22	n.a.	S 11
M12	16 43 37	10°15'59	7♎29	6°35	0♋ 6	5°29	3°40	26°41	12°55	20°36	1°19	22°51	23°20	26°28	n.a.	M12
T 13	16 47 33	11°13'09	19°57	7°20	1°19	5°47	3°44	26°46	12°56	20°34	1°18	22°50	23°17	26°35	n.a.	T 13
W14	16 51 30	12°10'19	2♏42	8° 1	2°32	6° 6	3°48	26°52	12°57	20°33	1°17	22°48	23°14	26°42	n.a.	W14
T 15	16 55 26	13° 7'30	15°48	8°39	3°46	6°25	3°52	26°58	12°57	20°31	1°16	22°47	23°10	26°48	n.a.	T 15
F 16	16 59 23	14° 4'42	29°14	9°12	4°59	6°45	3°55	27° 5	12°58	20°29	1°15	22°46	23° 7	26°55	n.a.	F 16
S 17	17 3 20	15° 1'54	13♐ 0	9°42	6°12	7° 5	3°59	27°11	12°59	20°28	1°14	22°46	23° 4	27° 2	n.a.	S 17
S 18	17 7 16	15°59'07	27° 2	10° 7	7°26	7°26	4° 2	27°17	13° 0	20°26	1°12	22°D45	23° 1	27° 9	n.a.	S 18
M19	17 11 13	16°56'21	11♑18	10°28	8°39	7°48	4° 5	27°23	13° 1	20°25	1°11	22°46	22°58	27°15	n.a.	M19
T 20	17 15 9	17°53'36	25°42	10°44	9°52	8°10	4° 8	27°29	13° 2	20°23	1°11	22°46	22°55	27°22	n.a.	T 20
W21	17 19 6	18°50'52	10♒ 9	10°56	11° 5	8°32	4°10	27°36	13° 3	20°21	1°10	22°47	22°51	27°29	n.a.	W21
T 22	17 23 2	19°48'09	24°35	11° 2	12°19	8°55	4°13	27°42	13° 4	20°20	1° 9	22°47	22°48	27°35	n.a.	T 22
F 23	17 26 59	20°45'28	8♓57	11°R 4	13°32	9°18	4°15	27°49	13° 5	20°18	1° 8	22°47	22°45	27°42	n.a.	F 23
S 24	17 30 56	21°42'47	23° 9	11° 0	14°45	9°42	4°17	27°55	13° 7	20°16	1° 7	22°R47	22°42	27°49	n.a.	S 24
S 25	17 34 52	22°40'08	7♈12	10°52	15°58	10° 6	4°19	28° 2	13° 8	20°15	1° 6	22°D47	22°39	27°56	n.a.	S 25
M26	17 38 49	23°37'31	21° 1	10°38	17°12	10°31	4°20	28° 8	13° 9	20°13	1° 5	22°47	22°36	28° 2	n.a.	M26
T 27	17 42 45	24°34'54	4♉38	10°19	18°25	10°56	4°22	28°15	13°11	20°12	1° 4	22°47	22°32	28° 9	n.a.	T 27
W28	17 46 42	25°32'20	18° 1	9°55	19°38	11°22	4°23	28°21	13°12	20°10	1° 4	22°47	22°29	28°16	n.a.	W28
T 29	17 50 38	26°29'46	1♊11	9°26	20°51	11°48	4°24	28°28	13°14	20° 8	1° 3	22°48	22°26	28°22	n.a.	T 29
F 30	17 54 35	27♊27'14	14♊ 6	8♋53	22♋ 5	12♎15	4♓25	28♋35	13♍15	20♐ 7	1♏ 2	22♐48	22♐23	28♌29	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n25	21n 7	2n42	25n 2	1n19	24n16	1n 9	2s 0	0s56	11s57	1s24	22n39	1n20	7n32	0n46	22s48	0n41	1s42	11n11	23s37	23s40	9n 3		n.a.
F 2	20 37	23 3	1 35	24 57	1 11	24 25	1 11	2 6	0 58	11 56	1 24	22 38	1 20	7 32	0 46	22 48	0 41	1 42	11 11	23 37	23 40	9 1		n.a.
S 3	20 49	23 42	0 25	24 51	1 3	24 33	1 12	2 13	1 0	11 54	1 25	22 37	1 20	7 32	0 46	22 48	0 41	1 42	11 11	23 37	23 40	8 58		n.a.
S 4	21 1	23 4	0s45	24 43	0 55	24 41	1 14	2 20	1 2	11 52	1 25	22 36	1 20	7 32	0 46	22 48	0 41	1 41	11 11	23 37	23 40	8 55		n.a.
M 5	21 12	21 18	1 51	24 34	0 46	24 47	1 15	2 27	1 4	11 50	1 25	22 35	1 20	7 32	0 46	22 48	0 41	1 41	11 10	23 37	23 39	8 53		n.a.
T 6	21 23	18 34	2 51	24 25	0 36	24 53	1 17	2 34	1 6	11 49	1 26	22 34	1 20	7 32	0 46	22 48	0 41	1 41	11 10	23 37	23 39	8 50		n.a.
W 7	21 33	15 5	3 43	24 14	0 26	24 59	1 18	2 42	1 8	11 47	1 26	22 33	1 20	7 31	0 46	22 47	0 41	1 41	11 10	23 37	23 39	8 47		n.a.
T 8	21 43	11 2	4 24	24 2	0 16	25 3	1 20	2 50	1 10	11 46	1 26	22 32	1 20	7 31	0 45	22 47	0 41	1 41	11 9	23 37	23 39	8 45		n.a.
F 9	21 53	6 35	4 54	23 50	0 5	25 7	1 21	2 58	1 12	11 44	1 27	22 31	1 20	7 31	0 45	22 47	0 41	1 41	11 9	23 37	23 39	8 42		n.a.
S 10	22 2	1 54	5 12	23 37	0s 6	25 10	1 23	3 6	1 14	11 43	1 27	22 30	1 20	7 31	0 45	22 47	0 41	1 41	11 9	23 37	23 39	8 40		n.a.
S 11	22 11	2s55	5 16	23 23	0 18	25 12	1 24	3 14	1 15	11 41	1 27	22 28	1 20	7 31	0 45	22 47	0 41	1 40	11 8	23 37	23 39	8 37		n.a.
M12	22 20	7 41	5 6	23 9	0 30	25 14	1 25	3 23	1 17	11 40	1 27	22 27	1 20	7 30	0 45	22 47	0 41	1 40	11 8	23 37	23 38	8 34		n.a.
T 13	22 28	12 15	4 42	22 54	0 42	25 14	1 26	3 32	1 19	11 39	1 28	22 26	1 20	7 30	0 45	22 47	0 41	1 40	11 8	23 37	23 38	8 32		n.a.
W14	22 36	16 23	4 3	22 39	0 55	25 14	1 27	3 41	1 20	11 38	1 28	22 25	1 20	7 30	0 45	22 47	0 41	1 40	11 7	23 37	23 38	8 29		n.a.
T 15	22 44	19 52	3 11	22 23	1 8	25 14	1 28	3 50	1 22	11 37	1 28	22 24	1 20	7 29	0 45	22 47	0 41	1 40	11 7	23 37	23 38	8 26		n.a.
F 16	22 51	22 21	2 7	22 8	1 21	25 12	1 29	4 0	1 23	11 36	1 29	22 22	1 20	7 29	0 45	22 47	0 41	1 40	11 7	23 37	23 38	8 24		n.a.
S 17	22 57	23 36	0 54	21 52	1 35	25 10	1 30	4 9	1 25	11 35	1 29	22 21	1 20	7 29	0 45	22 46	0 41	1 40	11 6	23 37	23 38	8 21		n.a.
S 18	23 4	23 23	0n24	21 37	1 48	25 7	1 31	4 19	1 26	11 34	1 29	22 20	1 20	7 28	0 45	22 46	0 41	1 40	11 6	23 37	23 37	8 18		n.a.
M19	23 9	21 39	1 41	21 22	2 2	25 3	1 32	4 29	1 28	11 33	1 30	22 19	1 20	7 28	0 45	22 46	0 41	1 40	11 6	23 37	23 37	8 16		n.a.
T 20	23 15	18 30	2 53	21 7	2 16	24 58	1 32	4 39	1 29	11 33	1 30	22 17	1 20	7 27	0 45	22 46	0 41	1 40	11 5	23 37	23 37	8 13		n.a.
W21	23 20	14 14	3 54	20 52	2 30	24 53	1 33	4 49	1 31	11 32	1 30	22 16	1 20	7 27	0 45	22 46	0 41	1 40	11 5	23 37	23 37	8 10		n.a.
T 22	23 25	9 8	4 40	20 38	2 43	24 47	1 34	5 0	1 32	11 31	1 31	22 15	1 20	7 26	0 45	22 46	0 41	1 40	11 5	23 37	23 37	8 8		n.a.
F 23	23 29	3 35	5 8	20 24	2 57	24 40	1 34	5 10	1 33	11 31	1 31	22 14	1 20	7 26	0 45	22 46	0 41	1 40	11 4	23 37	23 37	8 5		n.a.
S 24	23 33	2n 5	5 17	20 11	3 10	24 33	1 35	5 21	1 35	11 30	1 31	22 12	1 20	7 25	0 45	22 46	0 41	1 40	11 4	23 37	23 36	8 2		n.a.
S 25	23 36	7 35	5 7	19 59	3 23	24 25	1 35	5 32	1 36	11 30	1 32	22 11	1 20	7 25	0 45	22 46	0 41	1 40	11 3	23 37	23 36	8 0		n.a.
M26	23 39	12 38	4 39	19 48	3 35	24 16	1 35	5 43	1 37	11 30	1 32	22 10	1 20	7 24	0 45	22 45	0 41	1 40	11 3	23 37	23 36	7 57		n.a.
T 27	23 42	16 58	3 56	19 38	3 47	24 6	1 35	5 54	1 38	11 30	1 32	22 8	1 20	7 24	0 45	22 45	0 41	1 41	11 3	23 37	23 36	7 54		n.a.
W28	23 44	20 21	3 1	19 29	3 57	23 55	1 36	6 5	1 40	11 29	1 33	22 7	1 20	7 23	0 45	22 45	0 41	1 41	11 2	23 37	23 36	7 52		n.a.
T 29	23 46	22 37	1 57	19 21	4 7	23 44	1 36	6 17	1 41	11 29	1 33	22 5	1 20	7 23	0 45	22 45	0 41	1 41	11 2	23 37	23 35	7 49		n.a.
F 30	23n47	23n38	0n48	19n15	4s16	23n33	1n36	6s28	1s42	11s29	1s34	22n 4	1n20	7n22	0n45	22s45	0n41	1s41	11n 1	23s37	23s35	7n46		n.a.

Julian Day Number = 1368012.5, Delta T = 06h53m08s
Ecliptic obliquity = 23°48'37, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°26'02, Lahiri = -17°19'02 Julian Calendar 1 June 968 BCE == Greg. Calendar 23 May 968 BCE

The year -967 astronomical counting style corresponds to year 968 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 968 BCE
geocentric

JULY 968 BCE (-967) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 58 31	28♊24'43	26♊48	8°R16	23♋18	12♎41	4♓25	28♋42	13♍17	20°R 5	1°R 2	22°R48	22♐20	28♌36	n.a.	S 1
S 2	18 2 28	29°22'13	9♋17	7♋35	24°31	13° 9	4°26	28°48	13°18	20♐ 3	1♏ 1	22♐48	22°16	28°43	n.a.	S 2
M 3	18 6 25	0♋19'45	21°34	6°51	25°44	13°36	4°26	28°55	13°20	20° 2	1° 0	22°47	22°13	28°49	n.a.	M 3
T 4	18 10 21	1°17'17	3♌41	6° 4	26°57	14° 5	4°R26	29° 2	13°22	20° 0	1° 0	22°46	22°10	28°56	n.a.	T 4
W 5	18 14 18	2°14'51	15°39	5°16	28°10	14°33	4°26	29° 9	13°23	19°59	0°59	22°45	22° 7	29° 3	n.a.	W 5
T 6	18 18 14	3°12'26	27°33	4°27	29°23	15° 2	4°26	29°16	13°25	19°57	0°59	22°43	22° 4	29° 9	n.a.	T 6
F 7	18 22 11	4°10'02	9♍24	3°38	0♌36	15°31	4°25	29°23	13°27	19°56	0°58	22°42	22° 1	29°16	n.a.	F 7
S 8	18 26 7	5° 7'40	21°18	2°51	1°50	16° 1	4°24	29°30	13°29	19°54	0°58	22°41	21°57	29°23	n.a.	S 8
S 9	18 30 4	6° 5'18	3♎17	2° 5	3° 3	16°31	4°23	29°37	13°31	19°52	0°57	22°D41	21°54	29°30	n.a.	S 9
M10	18 34 0	7° 2'58	15°28	1°22	4°16	17° 1	4°22	29°44	13°33	19°51	0°57	22°41	21°51	29°36	n.a.	M10
T 11	18 37 57	8° 0'38	27°54	0°43	5°29	17°31	4°21	29°51	13°35	19°49	0°56	22°42	21°48	29°43	n.a.	T 11
W12	18 41 54	8°58'21	10♏39	0° 9	6°42	18° 2	4°19	29°58	13°37	19°48	0°56	22°43	21°45	29°50	n.a.	W12
T 13	18 45 50	9°56'04	23°47	29♊41	7°55	18°34	4°17	0♌ 5	13°39	19°46	0°56	22°44	21°42	29°56	n.a.	T 13
F 14	18 49 47	10°53'49	7♐20	29°18	9° 8	19° 5	4°16	0°13	13°41	19°45	0°55	22°45	21°38	0♍ 3	n.a.	F 14
S 15	18 53 43	11°51'35	21°17	29° 2	10°20	19°37	4°13	0°20	13°44	19°43	0°55	22°R46	21°35	0°10	n.a.	S 15
S 16	18 57 40	12°49'23	5♑38	28°53	11°33	20° 9	4°11	0°27	13°46	19°42	0°55	22°45	21°32	0°17	n.a.	S 16
M17	19 1 36	13°47'12	20°16	28°D51	12°46	20°42	4° 9	0°34	13°48	19°40	0°55	22°44	21°29	0°23	n.a.	M17
T 18	19 5 33	14°45'03	5♒ 6	28°58	13°59	21°14	4° 6	0°41	13°51	19°39	0°55	22°42	21°26	0°30	n.a.	T 18
W19	19 9 30	15°42'56	20° 0	29°12	15°12	21°47	4° 3	0°49	13°53	19°38	0°55	22°39	21°22	0°37	n.a.	W19
T 20	19 13 26	16°40'51	4♓50	29°34	16°25	22°21	4° 0	0°56	13°55	19°36	0°54	22°36	21°19	0°43	n.a.	T 20
F 21	19 17 23	17°38'47	19°29	0♋ 4	17°38	22°54	3°57	1° 3	13°58	19°35	0°54	22°33	21°16	0°50	n.a.	F 21
S 22	19 21 19	18°36'46	3♈51	0°41	18°50	23°28	3°53	1°11	14° 0	19°33	0°D54	22°31	21°13	0°57	n.a.	S 22
S 23	19 25 16	19°34'46	17°53	1°27	20° 3	24° 2	3°50	1°18	14° 3	19°32	0°54	22°D30	21°10	1° 4	n.a.	S 23
M24	19 29 12	20°32'49	1♉35	2°20	21°16	24°36	3°46	1°25	14° 5	19°31	0°54	22°31	21° 7	1°10	n.a.	M24
T 25	19 33 9	21°30'54	14°58	3°19	22°29	25°11	3°42	1°33	14° 8	19°29	0°55	22°32	21° 3	1°17	n.a.	T 25
W26	19 37 5	22°29'01	28° 3	4°26	23°41	25°46	3°37	1°40	14°11	19°28	0°55	22°34	21° 0	1°24	n.a.	W26
T 27	19 41 2	23°27'10	10♊51	5°39	24°54	26°21	3°33	1°48	14°13	19°27	0°55	22°35	20°57	1°30	n.a.	T 27
F 28	19 44 58	24°25'21	23°27	6°58	26° 7	26°56	3°29	1°55	14°16	19°26	0°55	22°R35	20°54	1°37	n.a.	F 28
S 29	19 48 55	25°23'34	5♋51	8°23	27°19	27°32	3°24	2° 2	14°19	19°24	0°55	22°35	20°51	1°44	n.a.	S 29
S 30	19 52 52	26°21'50	18° 5	9°53	28°32	28° 8	3°19	2°10	14°22	19°23	0°55	22°32	20°48	1°51	n.a.	S 30
M31	19 56 48	27♋20'07	0♌12	11♋27	29♌44	28♎44	3♓14	2♌17	14♍25	19♐22	0♏56	22♐28	20♐44	1♍57	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	23n24	0s22	19n10	4s24	23n20	1n36	6s40	1s43	11s29	1s34	22n 3	1n20	7n21	0n44	22s45	0n41	1s41	11n 1	23s37	23s35	7n44		n.a.
S 2	23 49	21 59	1 30	19 6	4 30	23 7	1 35	6 52	1 44	11 30	1 34	22 1	1 20	7 21	0 44	22 45	0 41	1 41	11 1	23 37	23 35	7 41		n.a.
M 3	23 49	19 32	2 33	19 4	4 34	22 53	1 35	7 4	1 45	11 30	1 35	22 0	1 20	7 20	0 44	22 45	0 41	1 41	11 0	23 37	23 35	7 38		n.a.
T 4	23 48	16 16	3 28	19 3	4 37	22 39	1 35	7 16	1 46	11 30	1 35	21 58	1 20	7 19	0 44	22 45	0 41	1 42	11 0	23 37	23 34	7 36		n.a.
W 5	23 47	12 22	4 13	19 4	4 38	22 23	1 35	7 28	1 47	11 30	1 35	21 57	1 20	7 18	0 44	22 45	0 41	1 42	10 59	23 36	23 34	7 33		n.a.
T 6	23 46	8 2	4 46	19 7	4 38	22 8	1 34	7 40	1 48	11 31	1 36	21 55	1 20	7 18	0 44	22 44	0 41	1 42	10 59	23 36	23 34	7 30		n.a.
F 7	23 45	3 25	5 8	19 10	4 35	21 51	1 34	7 52	1 49	11 31	1 36	21 54	1 20	7 17	0 44	22 44	0 41	1 42	10 59	23 36	23 34	7 28		n.a.
S 8	23 43	1s20	5 16	19 16	4 31	21 34	1 33	8 5	1 50	11 32	1 36	21 52	1 20	7 16	0 44	22 44	0 41	1 43	10 58	23 36	23 34	7 25		n.a.
S 9	23 40	6 4	5 11	19 23	4 25	21 17	1 32	8 17	1 51	11 33	1 37	21 51	1 20	7 15	0 44	22 44	0 41	1 43	10 58	23 36	23 34	7 22		n.a.
M10	23 37	10 39	4 52	19 31	4 17	20 58	1 32	8 30	1 52	11 33	1 37	21 49	1 20	7 15	0 44	22 44	0 41	1 43	10 57	23 36	23 33	7 20		n.a.
T 11	23 34	14 54	4 19	19 41	4 7	20 40	1 31	8 42	1 52	11 34	1 37	21 48	1 20	7 14	0 44	22 44	0 41	1 43	10 57	23 36	23 33	7 17		n.a.
W12	23 30	18 36	3 32	19 52	3 56	20 20	1 30	8 55	1 53	11 35	1 38	21 46	1 20	7 13	0 44	22 44	0 41	1 44	10 56	23 36	23 33	7 14		n.a.
T 13	23 26	21 29	2 33	20 5	3 44	20 0	1 29	9 8	1 54	11 36	1 38	21 45	1 20	7 12	0 44	22 44	0 41	1 44	10 56	23 36	23 33	7 12		n.a.
F 14	23 21	23 15	1 24	20 18	3 30	19 40	1 28	9 21	1 55	11 37	1 38	21 43	1 20	7 11	0 44	22 44	0 41	1 44	10 56	23 37	23 33	7 9		n.a.
S 15	23 16	23 39	0 8	20 33	3 16	19 19	1 27	9 34	1 55	11 38	1 38	21 42	1 20	7 10	0 44	22 44	0 41	1 45	10 55	23 37	23 32	7 6		n.a.
S 16	23 11	22 31	1n10	20 48	3 0	18 57	1 26	9 47	1 56	11 39	1 39	21 40	1 20	7 9	0 44	22 43	0 41	1 45	10 55	23 37	23 32	7 4		n.a.
M17	23 5	19 51	2 26	21 4	2 44	18 35	1 24	10 0	1 57	11 41	1 39	21 39	1 20	7 8	0 44	22 43	0 41	1 45	10 54	23 36	23 32	7 1		n.a.
T 18	22 59	15 51	3 32	21 21	2 27	18 12	1 23	10 13	1 58	11 42	1 39	21 37	1 20	7 7	0 44	22 43	0 41	1 46	10 54	23 36	23 32	6 58		n.a.
W19	22 52	10 51	4 25	21 38	2 10	17 49	1 22	10 26	1 58	11 43	1 40	21 36	1 20	7 6	0 44	22 43	0 41	1 46	10 53	23 36	23 31	6 56		n.a.
T 20	22 45	5 15	4 59	21 55	1 53	17 26	1 20	10 40	1 59	11 45	1 40	21 34	1 20	7 5	0 44	22 43	0 41	1 46	10 53	23 36	23 31	6 53		n.a.
F 21	22 38	0n34	5 13	22 12	1 36	17 2	1 18	10 53	1 59	11 46	1 40	21 32	1 20	7 4	0 44	22 43	0 41	1 47	10 52	23 36	23 31	6 50		n.a.
S 22	22 30	6 15	5 8	22 29	1 20	16 37	1 17	11 6	2 0	11 48	1 41	21 31	1 20	7 3	0 44	22 43	0 41	1 47	10 52	23 36	23 31	6 48		n.a.
S 23	22 21	11 29	4 44	22 45	1 3	16 13	1 15	11 20	2 1	11 49	1 41	21 29	1 20	7 2	0 44	22 43	0 41	1 48	10 52	23 36	23 31	6 45		n.a.
M24	22 13	16 1	4 4	23 1	0 47	15 47	1 13	11 33	2 1	11 51	1 41	21 28	1 21	7 1	0 44	22 43	0 41	1 48	10 51	23 36	23 30	6 42		n.a.
T 25	22 4	19 37	3 12	23 15	0 31	15 22	1 11	11 46	2 2	11 53	1 42	21 26	1 21	7 0	0 44	22 43	0 41	1 49	10 51	23 36	23 30	6 40		n.a.
W26	21 54	22 9	2 10	23 28	0 16	14 55	1 10	12 0	2 2	11 55	1 42	21 24	1 21	6 59	0 44	22 43	0 41	1 49	10 50	23 36	23 30	6 37		n.a.
T 27	21 44	23 28	1 4	23 40	0 1	14 29	1 8	12 13	2 3	11 56	1 42	21 23	1 21	6 58	0 44	22 42	0 41	1 49	10 50	23 36	23 30	6 34		n.a.
F 28	21 34	23 34	0s 5	23 50	0n12	14 2	1 5	12 27	2 3	11 58	1 42	21 21	1 21	6 57	0 43	22 42	0 41	1 50	10 49	23 36	23 30	6 32		n.a.
S 29	21 23	22 29	1 12	23 58	0 25	13 35	1 3	12 40	2 4	12 0	1 43	21 19	1 21	6 56	0 43	22 42	0 41	1 50	10 49	23 36	23 29	6 29		n.a.
S 30	21 12	20 21	2 15	24 3	0 37	13 7	1 1	12 54	2 4	12 2	1 43	21 18	1 21	6 55	0 43	22 42	0 41	1 51	10 48	23 36	23 29	6 26		n.a.
M31	21n 1	17n19	3s11	24n 6	0n48	12n39	0n59	13s 7	2s 4	12s 5	1s43	21n16	1n21	6n54	0n43	22s42	0n41	1s51	10n48	23s36	23s29	6n24		n.a.

Julian Day Number = 1368042.5, Delta T = 06h53m07s
Ecliptic obliquity = 23°48'37, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°25'58, Lahiri = -17°18'58 Julian Calendar 1 July 968 BCE == Greg. Calendar 22 June 968 BCE

The year -967 astronomical counting style corresponds to year 968 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 968 BCE
geocentric

AUGUST 968 BCE (-967) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 0 45	28♋18'26	12♌12	13♋ 5	0♍57	29♎20	3°R 9	2♌25	14♍28	19°R21	0♏56	22°R22	20♐41	2♍ 4	n.a.	T 1
W 2	20 4 41	29°16'46	24° 6	14°46	2° 9	29°56	3♓ 3	2°32	14°30	19♐20	0°56	22♐16	20°38	2°11	n.a.	W 2
T 3	20 8 38	0♌15'09	5♍58	16°31	3°22	0♏33	2°58	2°40	14°33	19°18	0°57	22° 9	20°35	2°17	n.a.	T 3
F 4	20 12 34	1°13'34	17°49	18°18	4°34	1°10	2°52	2°47	14°36	19°17	0°57	22° 2	20°32	2°24	n.a.	F 4
S 5	20 16 31	2°12'00	29°42	20° 7	5°47	1°47	2°46	2°54	14°39	19°16	0°58	21°56	20°28	2°31	n.a.	S 5
S 6	20 20 27	3°10'28	11♎40	21°57	6°59	2°24	2°40	3° 2	14°42	19°15	0°58	21°52	20°25	2°38	n.a.	S 6
M 7	20 24 24	4° 8'58	23°48	23°49	8°12	3° 2	2°34	3° 9	14°46	19°14	0°59	21°50	20°22	2°44	n.a.	M 7
T 8	20 28 21	5° 7'30	6♏ 9	25°42	9°24	3°40	2°28	3°17	14°49	19°13	0°59	21°D49	20°19	2°51	n.a.	T 8
W 9	20 32 17	6° 6'03	18°49	27°35	10°36	4°18	2°21	3°24	14°52	19°12	1° 0	21°50	20°16	2°58	n.a.	W 9
T 10	20 36 14	7° 4'38	1♐52	29°28	11°49	4°56	2°15	3°32	14°55	19°11	1° 0	21°51	20°13	3° 4	n.a.	T 10
F 11	20 40 10	8° 3'16	15°22	1♑22	13° 1	5°34	2° 8	3°39	14°58	19°10	1° 1	21°R52	20° 9	3°11	n.a.	F 11
S 12	20 44 7	9° 1'55	29°19	3°15	14°13	6°12	2° 1	3°47	15° 1	19° 9	1° 2	21°52	20° 6	3°18	n.a.	S 12
S 13	20 48 3	10° 0'35	13♉44	5° 8	15°25	6°51	1°55	3°54	15° 5	19° 8	1° 2	21°50	20° 3	3°25	n.a.	S 13
M14	20 52 0	10°59'18	28°34	7° 1	16°37	7°30	1°48	4° 2	15° 8	19° 8	1° 3	21°46	20° 0	3°31	n.a.	M14
T 15	20 55 56	11°58'03	13♒41	8°52	17°49	8° 9	1°40	4° 9	15°11	19° 7	1° 4	21°40	19°57	3°38	n.a.	T 15
W16	20 59 53	12°56'50	28°55	10°44	19° 1	8°48	1°33	4°16	15°15	19° 6	1° 5	21°33	19°54	3°45	n.a.	W16
T 17	21 3 50	13°55'39	14♓ 7	12°34	20°13	9°27	1°26	4°24	15°18	19° 5	1° 5	21°25	19°50	3°51	n.a.	T 17
F 18	21 7 46	14°54'31	29° 5	14°24	21°25	10° 7	1°18	4°31	15°21	19° 4	1° 6	21°18	19°47	3°58	n.a.	F 18
S 19	21 11 43	15°53'24	13♈43	16°13	22°37	10°46	1°11	4°38	15°25	19° 4	1° 7	21°12	19°44	4° 5	n.a.	S 19
S 20	21 15 39	16°52'21	27°55	18° 1	23°49	11°26	1° 3	4°46	15°28	19° 3	1° 8	21° 8	19°41	4°12	n.a.	S 20
M21	21 19 36	17°51'19	11♉40	19°48	25° 1	12° 6	0°56	4°53	15°32	19° 2	1° 9	21° 6	19°38	4°18	n.a.	M21
T 22	21 23 32	18°50'21	24°59	21°34	26°13	12°46	0°48	5° 0	15°35	19° 2	1°10	21°D 6	19°34	4°25	n.a.	T 22
W23	21 27 29	19°49'24	7♊55	23°20	27°24	13°26	0°40	5° 8	15°39	19° 1	1°11	21° 7	19°31	4°32	n.a.	W23
T 24	21 31 25	20°48'31	20°33	25° 4	28°36	14° 6	0°32	5°15	15°42	19° 1	1°12	21°R 8	19°28	4°38	n.a.	T 24
F 25	21 35 22	21°47'39	2♋55	26°48	29°48	14°47	0°25	5°22	15°46	19° 0	1°13	21° 7	19°25	4°45	n.a.	F 25
S 26	21 39 18	22°46'50	15° 6	28°30	0♎59	15°27	0°17	5°30	15°49	18°59	1°14	21° 4	19°22	4°52	n.a.	S 26
S 27	21 43 15	23°46'03	27° 9	0♍12	2°11	16° 8	0° 9	5°37	15°53	18°59	1°16	20°58	19°19	4°59	n.a.	S 27
M28	21 47 12	24°45'19	9♌ 7	1°53	3°22	16°49	0° 1	5°44	15°56	18°59	1°17	20°50	19°15	5° 5	n.a.	M28
T 29	21 51 8	25°44'37	21° 1	3°33	4°34	17°30	29♒53	5°51	16° 0	18°58	1°18	20°40	19°12	5°12	n.a.	T 29
W30	21 55 5	26°43'57	2♍53	5°13	5°45	18°11	29°44	5°58	16° 4	18°58	1°19	20°27	19° 9	5°19	n.a.	W30
T 31	21 59 1	27♌43'19	14♍45	6♍51	6♎57	18♏52	29♒36	6♌ 5	16♍ 7	18♐57	1♏20	20♐14	19♐ 6	5♍26	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	20n49	13n37	3s57	24n 7	0n58	12n11	0n57	13s21	2s 5	12s 7	1s43	21n14	1n21	6n52	0n43	22s42	0n40	1s52	10n47	23s35	23s29	6n21			n.a.
W 2	20 37	9 24	4 33	24 6	1 7	11 43	0 54	13 34	2 5	12 9	1 44	21 13	1 21	6 51	0 43	22 42	0 40	1 53	10 47	23 35	23 28	6 18			n.a.
T 3	20 25	4 52	4 57	24 1	1 16	11 14	0 52	13 48	2 5	12 11	1 44	21 11	1 21	6 50	0 43	22 42	0 40	1 53	10 47	23 34	23 28	6 16			n.a.
F 4	20 12	0 10	5 9	23 54	1 23	10 45	0 49	14 1	2 6	12 14	1 44	21 9	1 21	6 49	0 43	22 42	0 40	1 54	10 46	23 34	23 28	6 13			n.a.
S 5	19 59	4s33	5 7	23 45	1 29	10 15	0 47	14 15	2 6	12 16	1 44	21 8	1 21	6 48	0 43	22 42	0 40	1 54	10 46	23 34	23 28	6 10			n.a.
S 6	19 45	9 8	4 51	23 33	1 35	9 46	0 44	14 28	2 6	12 18	1 45	21 6	1 21	6 46	0 43	22 42	0 40	1 55	10 45	23 33	23 27	6 8			n.a.
M 7	19 31	13 26	4 23	23 18	1 39	9 16	0 41	14 41	2 7	12 21	1 45	21 4	1 21	6 45	0 43	22 42	0 40	1 55	10 45	23 33	23 27	6 5			n.a.
T 8	19 17	17 16	3 42	23 1	1 43	8 46	0 39	14 55	2 7	12 23	1 45	21 3	1 21	6 44	0 43	22 42	0 40	1 56	10 44	23 33	23 27	6 2			n.a.
W 9	19 2	20 24	2 49	22 41	1 45	8 15	0 36	15 8	2 7	12 26	1 45	21 1	1 21	6 43	0 43	22 42	0 40	1 57	10 44	23 33	23 27	6 0			n.a.
T 10	18 47	22 35	1 46	22 20	1 47	7 45	0 33	15 21	2 7	12 28	1 46	20 59	1 22	6 41	0 43	22 42	0 40	1 57	10 43	23 33	23 27	5 57			n.a.
F 11	18 32	23 34	0 35	21 56	1 49	7 14	0 30	15 35	2 7	12 31	1 46	20 57	1 22	6 40	0 43	22 42	0 40	1 58	10 43	23 33	23 26	5 55			n.a.
S 12	18 17	23 8	0n40	21 30	1 49	6 43	0 27	15 48	2 8	12 34	1 46	20 56	1 22	6 39	0 43	22 42	0 40	1 59	10 42	23 33	23 26	5 52			n.a.
S 13	18 1	21 11	1 55	21 3	1 49	6 12	0 24	16 1	2 8	12 36	1 46	20 54	1 22	6 38	0 43	22 41	0 40	1 59	10 42	23 33	23 26	5 49			n.a.
M14	17 45	17 46	3 4	20 33	1 49	5 41	0 21	16 14	2 8	12 39	1 46	20 52	1 22	6 36	0 43	22 41	0 40	2 0	10 42	23 33	23 26	5 47			n.a.
T 15	17 28	13 7	4 2	20 3	1 47	5 9	0 18	16 27	2 8	12 42	1 46	20 51	1 22	6 35	0 43	22 41	0 40	2 1	10 41	23 33	23 25	5 44			n.a.
W16	17 11	7 37	4 43	19 30	1 46	4 38	0 15	16 40	2 8	12 45	1 47	20 49	1 22	6 34	0 43	22 41	0 40	2 1	10 41	23 32	23 25	5 41			n.a.
T 17	16 54	1 41	5 4	18 57	1 43	4 6	0 11	16 53	2 8	12 47	1 47	20 47	1 22	6 32	0 43	22 41	0 40	2 2	10 40	23 32	23 25	5 39			n.a.
F 18	16 37	4n15	5 3	18 22	1 41	3 35	0 8	17 6	2 8	12 50	1 47	20 45	1 22	6 31	0 43	22 41	0 40	2 3	10 40	23 31	23 25	5 36			n.a.
S 19	16 19	9 49	4 43	17 46	1 37	3 3	0 5	17 19	2 8	12 53	1 47	20 44	1 22	6 30	0 43	22 41	0 40	2 3	10 39	23 31	23 24	5 33			n.a.
S 20	16 1	14 42	4 6	17 9	1 34	2 31	0 2	17 32	2 9	12 56	1 47	20 42	1 22	6 28	0 43	22 41	0 40	2 4	10 39	23 31	23 24	5 31			n.a.
M21	15 43	18 39	3 15	16 31	1 30	1 59	0s 2	17 44	2 9	12 59	1 47	20 40	1 23	6 27	0 43	22 41	0 40	2 5	10 39	23 30	23 24	5 28			n.a.
T 22	15 25	21 29	2 15	15 53	1 26	1 27	0 5	17 57	2 9	13 2	1 47	20 39	1 23	6 25	0 43	22 41	0 40	2 6	10 38	23 30	23 24	5 25			n.a.
W23	15 6	23 7	1 10	15 13	1 21	0 55	0 9	18 9	2 9	13 5	1 48	20 37	1 23	6 24	0 43	22 41	0 40	2 6	10 38	23 30	23 23	5 23			n.a.
T 24	14 47	23 31	0 3	14 34	1 16	0 23	0 12	18 22	2 9	13 8	1 48	20 35	1 23	6 23	0 43	22 41	0 40	2 7	10 37	23 30	23 23	5 20			n.a.
F 25	14 28	22 44	1s 3	13 53	1 11	0s 9	0 16	18 34	2 9	13 11	1 48	20 34	1 23	6 21	0 43	22 41	0 40	2 8	10 37	23 30	23 23	5 17			n.a.
S 26	14 8	20 53	2 4	13 12	1 6	0 41	0 19	18 46	2 9	13 13	1 48	20 32	1 23	6 20	0 43	22 41	0 40	2 9	10 36	23 30	23 23	5 15			n.a.
S 27	13 48	18 7	3 0	12 30	1 0	1 14	0 23	18 58	2 8	13 16	1 48	20 30	1 23	6 18	0 43	22 41	0 40	2 9	10 36	23 30	23 22	5 12			n.a.
M28	13 28	14 37	3 46	11 49	0 54	1 46	0 26	19 10	2 8	13 19	1 48	20 28	1 23	6 17	0 43	22 41	0 40	2 10	10 36	23 29	23 22	5 9			n.a.
T 29	13 8	10 34	4 23	11 6	0 48	2 18	0 30	19 22	2 8	13 22	1 48	20 27	1 23	6 16	0 43	22 41	0 40	2 11	10 35	23 29	23 22	5 7			n.a.
W30	12 48	6 8	4 48	10 24	0 42	2 50	0 33	19 34	2 8	13 25	1 48	20 25	1 24	6 14	0 43	22 41	0 40	2 12	10 35	23 28	23 22	5 4			n.a.
T 31	12n27	1n30	5s 0	9n41	0n36	3s22	0s37	19s45	2s 8	13s28	1s48	20n23	1n24	6n13	0n43	22s41	0n40	2s13	10n34	23s27	23s21	5n 1			n.a.

Julian Day Number = 1368073.5, Delta T = 06h53m05s
Ecliptic obliquity = 23°48'37, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°25'54, Lahiri = -17°18'54 Julian Calendar 1 Aug. 968 BCE == Greg. Calendar 23 July 968 BCE

The year -967 astronomical counting style corresponds to year 968 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 968 BCE
geocentric

SEPTEMBER 968 BCE (-967) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 2 58	28♌42'43	26♍37	8♍29	8♎ 8	19♏34	29°R28	6♌13	16♍11	18°R57	1♏22	20°R 1	19♐ 3	5♍32	n.a.	F 1
S 2	22 6 54	29°42'09	8♎32	10° 6	9°19	20°15	29♒20	6°20	16°15	18♐57	1°23	19♐50	18°59	5°39	n.a.	S 2
S 3	22 10 51	0♍41'37	20°33	11°42	10°30	20°57	29°12	6°27	16°18	18°57	1°24	19°41	18°56	5°46	n.a.	S 3
M 4	22 14 47	1°41'08	2♏41	13°17	11°42	21°39	29° 4	6°34	16°22	18°56	1°26	19°35	18°53	5°52	n.a.	M 4
T 5	22 18 44	2°40'40	15° 1	14°52	12°53	22°20	28°56	6°41	16°26	18°56	1°27	19°31	18°50	5°59	n.a.	T 5
W 6	22 22 40	3°40'14	27°37	16°26	14° 4	23° 2	28°48	6°48	16°29	18°56	1°29	19°30	18°47	6° 6	n.a.	W 6
T 7	22 26 37	4°39'50	10♐33	17°59	15°15	23°44	28°40	6°55	16°33	18°56	1°30	19°D30	18°44	6°13	n.a.	T 7
F 8	22 30 34	5°39'28	23°53	19°32	16°26	24°27	28°32	7° 1	16°37	18°56	1°32	19°R30	18°40	6°19	n.a.	F 8
S 9	22 34 30	6°39'08	7♑41	21° 4	17°37	25° 9	28°24	7° 8	16°41	18°56	1°33	19°29	18°37	6°26	n.a.	S 9
S 10	22 38 27	7°38'50	21°58	22°35	18°47	25°51	28°16	7°15	16°44	18°D56	1°35	19°26	18°34	6°33	n.a.	S 10
M11	22 42 23	8°38'33	6♒42	24° 5	19°58	26°34	28° 8	7°22	16°48	18°56	1°36	19°20	18°31	6°39	n.a.	M11
T 12	22 46 20	9°38'19	21°48	25°35	21° 9	27°16	28° 1	7°28	16°52	18°56	1°38	19°11	18°28	6°46	n.a.	T 12
W13	22 50 16	10°38'06	7♓ 8	27° 4	22°19	27°59	27°53	7°35	16°56	18°56	1°39	19° 1	18°25	6°53	n.a.	W13
T 14	22 54 13	11°37'56	22°29	28°33	23°30	28°42	27°45	7°42	16°59	18°56	1°41	18°49	18°21	7° 0	n.a.	T 14
F 15	22 58 9	12°37'47	7♈41	0♎ 1	24°40	29°24	27°38	7°48	17° 3	18°56	1°43	18°39	18°18	7° 6	n.a.	F 15
S 16	23 2 6	13°37'41	22°32	1°28	25°50	0♐ 7	27°30	7°55	17° 7	18°56	1°44	18°30	18°15	7°13	n.a.	S 16
S 17	23 6 3	14°37'37	6♉57	2°54	27° 1	0°50	27°23	8° 1	17°11	18°57	1°46	18°23	18°12	7°20	n.a.	S 17
M18	23 9 59	15°37'36	20°51	4°20	28°11	1°33	27°15	8° 8	17°15	18°57	1°48	18°19	18° 9	7°27	n.a.	M18
T 19	23 13 56	16°37'37	4♊16	5°44	29°21	2°16	27° 8	8°14	17°18	18°57	1°50	18°18	18° 5	7°33	n.a.	T 19
W20	23 17 52	17°37'40	17°14	7° 9	0♏31	3° 0	27° 1	8°21	17°22	18°57	1°51	18°18	18° 2	7°40	n.a.	W20
T 21	23 21 49	18°37'45	29°50	8°32	1°41	3°43	26°54	8°27	17°26	18°58	1°53	18°17	17°59	7°47	n.a.	T 21
F 22	23 25 45	19°37'53	12♋ 8	9°54	2°51	4°26	26°47	8°33	17°30	18°58	1°55	18°16	17°56	7°53	n.a.	F 22
S 23	23 29 42	20°38'03	24°13	11°15	4° 0	5°10	26°41	8°39	17°34	18°59	1°57	18°13	17°53	8° 0	n.a.	S 23
S 24	23 33 38	21°38'15	6♌10	12°36	5°10	5°53	26°34	8°45	17°37	18°59	1°59	18° 6	17°50	8° 7	n.a.	S 24
M25	23 37 35	22°38'30	18° 3	13°55	6°20	6°37	26°27	8°52	17°41	19° 0	2° 1	17°57	17°46	8°14	n.a.	M25
T 26	23 41 31	23°38'46	29°54	15°13	7°29	7°21	26°21	8°58	17°45	19° 0	2° 3	17°45	17°43	8°20	n.a.	T 26
W27	23 45 28	24°39'04	11♍45	16°30	8°38	8° 4	26°15	9° 4	17°49	19° 1	2° 4	17°31	17°40	8°27	n.a.	W27
T 28	23 49 25	25°39'24	23°39	17°45	9°48	8°48	26° 9	9° 9	17°52	19° 1	2° 6	17°16	17°37	8°34	n.a.	T 28
F 29	23 53 21	26°39'47	5♎37	18°59	10°57	9°32	26° 3	9°15	17°56	19° 2	2° 8	17° 1	17°34	8°40	n.a.	F 29
S 30	23 57 18	27♍40'10	17♎39	20♎11	12♏ 6	10♐16	25♒57	9♌21	18♍ 0	19♐ 3	2♏10	16♐48	17♐30	8♍47	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n 6	3s12	5s 0	8n58	0n30	3s54	0s41	19s57	2s 8	13s31	1s48	20n22	1n24	6n11	0n43	22s41	0n40	2s13	10n34	23s26	23s21	4n59		n.a.
S 2	11 45	7 48	4 46	8 15	0 23	4 26	0 44	20 8	2 8	13 34	1 48	20 20	1 24	6 10	0 43	22 41	0 40	2 14	10 34	23 25	23 21	4 56		n.a.
S 3	11 24	12 8	4 20	7 32	0 16	4 57	0 48	20 19	2 8	13 37	1 48	20 18	1 24	6 8	0 43	22 41	0 39	2 15	10 33	23 24	23 20	4 53		n.a.
M 4	11 2	16 3	3 41	6 49	0 10	5 29	0 52	20 30	2 8	13 40	1 48	20 17	1 24	6 7	0 43	22 41	0 39	2 16	10 33	23 24	23 20	4 51		n.a.
T 5	10 41	19 19	2 52	6 6	0 3	6 1	0 55	20 41	2 7	13 43	1 48	20 15	1 24	6 5	0 43	22 41	0 39	2 17	10 32	23 23	23 20	4 48		n.a.
W 6	10 19	21 46	1 53	5 22	0s 4	6 32	0 59	20 52	2 7	13 46	1 48	20 13	1 24	6 4	0 43	22 41	0 39	2 17	10 32	23 23	23 20	4 45		n.a.
T 7	9 57	23 9	0 47	4 39	0 11	7 3	1 3	21 3	2 7	13 48	1 48	20 12	1 25	6 2	0 43	22 41	0 39	2 18	10 32	23 23	23 19	4 43		n.a.
F 8	9 35	23 17	0n23	3 56	0 18	7 34	1 6	21 13	2 7	13 51	1 48	20 10	1 25	6 1	0 43	22 41	0 39	2 19	10 31	23 23	23 19	4 40		n.a.
S 9	9 12	22 0	1 35	3 13	0 25	8 5	1 10	21 23	2 6	13 54	1 48	20 8	1 25	5 59	0 43	22 41	0 39	2 20	10 31	23 23	23 19	4 37		n.a.
S 10	8 50	19 19	2 43	2 30	0 32	8 36	1 14	21 34	2 6	13 57	1 48	20 7	1 25	5 58	0 43	22 41	0 39	2 21	10 31	23 23	23 19	4 35		n.a.
M11	8 27	15 18	3 42	1 48	0 39	9 7	1 17	21 44	2 6	13 59	1 48	20 5	1 25	5 56	0 43	22 41	0 39	2 22	10 30	23 22	23 18	4 32		n.a.
T 12	8 4	10 15	4 27	1 5	0 46	9 37	1 21	21 53	2 6	14 2	1 48	20 3	1 25	5 55	0 43	22 41	0 39	2 23	10 30	23 22	23 18	4 29		n.a.
W13	7 42	4 29	4 54	0 23	0 52	10 8	1 25	22 3	2 5	14 5	1 48	20 2	1 25	5 53	0 43	22 41	0 39	2 24	10 29	23 21	23 18	4 27		n.a.
T 14	7 19	1n33	5 0	0s19	0 59	10 37	1 28	22 13	2 5	14 7	1 48	20 0	1 25	5 52	0 43	22 42	0 39	2 24	10 29	23 20	23 17	4 24		n.a.
F 15	6 55	7 26	4 44	1 1	1 6	11 7	1 32	22 22	2 5	14 10	1 48	19 59	1 26	5 50	0 43	22 42	0 39	2 25	10 29	23 19	23 17	4 21		n.a.
S 16	6 32	12 45	4 10	1 42	1 13	11 37	1 35	22 31	2 5	14 13	1 48	19 57	1 26	5 49	0 43	22 42	0 39	2 26	10 28	23 18	23 17	4 19		n.a.
S 17	6 9	17 11	3 20	2 23	1 20	12 6	1 39	22 40	2 4	14 15	1 48	19 56	1 26	5 47	0 43	22 42	0 39	2 27	10 28	23 18	23 17	4 16		n.a.
M18	5 45	20 29	2 20	3 4	1 26	12 35	1 43	22 49	2 4	14 17	1 48	19 54	1 26	5 46	0 43	22 42	0 39	2 28	10 28	23 17	23 16	4 13		n.a.
T 19	5 21	22 32	1 13	3 44	1 33	13 4	1 46	22 57	2 4	14 20	1 47	19 52	1 26	5 44	0 43	22 42	0 39	2 29	10 27	23 17	23 16	4 11		n.a.
W20	4 58	23 17	0 6	4 23	1 39	13 32	1 50	23 6	2 3	14 22	1 47	19 51	1 26	5 43	0 43	22 42	0 39	2 30	10 27	23 17	23 16	4 8		n.a.
T 21	4 34	22 48	1s 1	5 2	1 45	14 0	1 53	23 14	2 3	14 25	1 47	19 49	1 27	5 41	0 43	22 42	0 39	2 31	10 27	23 17	23 15	4 5		n.a.
F 22	4 10	21 13	2 2	5 41	1 51	14 28	1 56	23 22	2 2	14 27	1 47	19 48	1 27	5 40	0 43	22 42	0 39	2 32	10 26	23 17	23 15	4 3		n.a.
S 23	3 46	18 42	2 57	6 19	1 57	14 55	2 0	23 29	2 2	14 29	1 47	19 46	1 27	5 38	0 43	22 42	0 39	2 33	10 26	23 17	23 15	4 0		n.a.
S 24	3 22	15 24	3 44	6 56	2 3	15 22	2 3	23 37	2 2	14 31	1 47	19 45	1 27	5 37	0 43	22 42	0 39	2 34	10 26	23 16	23 15	3 57		n.a.
M25	2 58	11 32	4 20	7 32	2 8	15 49	2 6	23 44	2 1	14 33	1 47	19 43	1 27	5 35	0 43	22 42	0 39	2 34	10 25	23 15	23 14	3 55		n.a.
T 26	2 34	7 14	4 45	8 8	2 14	16 16	2 10	23 51	2 1	14 35	1 46	19 42	1 27	5 34	0 43	22 42	0 39	2 35	10 25	23 14	23 14	3 52		n.a.
W27	2 9	2 41	4 58	8 43	2 19	16 41	2 13	23 58	2 0	14 37	1 46	19 40	1 28	5 32	0 43	22 42	0 39	2 36	10 25	23 13	23 14	3 49		n.a.
T 28	1 45	1s59	4 58	9 16	2 23	17 7	2 16	24 5	2 0	14 39	1 46	19 39	1 28	5 31	0 43	22 42	0 39	2 37	10 25	23 11	23 13	3 47		n.a.
F 29	1 21	6 36	4 44	9 49	2 28	17 32	2 19	24 11	1 59	14 41	1 46	19 38	1 28	5 29	0 43	22 43	0 39	2 38	10 24	23 10	23 13	3 44		n.a.
S 30	0n56	11s 0	4s18	10s20	2s32	17s57	2s22	24s18	1s59	14s43	1s46	19n36	1n28	5n28	0n43	22s43	0n39	2s39	10n24	23s 9	23s13	3n42		n.a.

Julian Day Number = 1368104.5, Delta T = 06h53m04s
Ecliptic obliquity = 23°48'37, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°25'50, Lahiri = -17°18'49 Julian Calendar 1 Sept. 968 BCE == Greg. Calendar 23 Aug. 968 BCE

The year -967 astronomical counting style corresponds to year 968 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 968 BCE
geocentric

OCTOBER 968 BCE (-967) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 1 14	28♍40'36	29♎48	21♎21	13♏15	11♐ 0	25°R51	9♒27	18♍ 4	19♐ 3	2♏12	16°R38	17♐27	8♍54	n.a.	S 1
M 2	0 5 11	29°41'03	12♏ 3	22°28	14°24	11°44	25♓46	9°33	18° 8	19° 4	2°14	16♐30	17°24	9° 1	n.a.	M 2
T 3	0 9 7	0♎41'33	24°29	23°34	15°32	12°28	25°41	9°38	18°11	19° 5	2°16	16°26	17°21	9° 7	n.a.	T 3
W 4	0 13 4	1°42'03	7♐ 8	24°36	16°41	13°12	25°35	9°44	18°15	19° 6	2°19	16°24	17°18	9°14	n.a.	W 4
T 5	0 17 0	2°42'35	20° 3	25°35	17°49	13°56	25°30	9°49	18°19	19° 6	2°21	16°D24	17°15	9°21	n.a.	T 5
F 6	0 20 57	3°43'09	3♑18	26°31	18°57	14°40	25°26	9°54	18°22	19° 7	2°23	16°R24	17°11	9°28	n.a.	F 6
S 7	0 24 54	4°43'44	16°56	27°23	20° 6	15°25	25°21	10° 0	18°26	19° 8	2°25	16°23	17° 8	9°34	n.a.	S 7
S 8	0 28 50	5°44'20	0♓59	28°11	21°14	16° 9	25°17	10° 5	18°30	19° 9	2°27	16°21	17° 5	9°41	n.a.	S 8
M 9	0 32 47	6°44'58	15°27	28°54	22°21	16°54	25°12	10°10	18°33	19°10	2°29	16°16	17° 2	9°48	n.a.	M 9
T 10	0 36 43	7°45'37	0♈16	29°31	23°29	17°38	25° 8	10°15	18°37	19°11	2°31	16° 9	16°59	9°54	n.a.	T 10
W11	0 40 40	8°46'17	15°22	0♏ 2	24°37	18°22	25° 4	10°20	18°41	19°12	2°33	15°59	16°56	10° 1	n.a.	W11
T 12	0 44 36	9°46'58	0♈34	0°26	25°44	19° 7	25° 1	10°25	18°44	19°13	2°35	15°49	16°52	10° 8	n.a.	T 12
F 13	0 48 33	10°47'42	15°41	0°42	26°51	19°51	24°57	10°30	18°48	19°14	2°38	15°39	16°49	10°15	n.a.	F 13
S 14	0 52 29	11°48'26	0♉34	0°R50	27°58	20°36	24°54	10°35	18°51	19°15	2°40	15°30	16°46	10°21	n.a.	S 14
S 15	0 56 26	12°49'13	15° 4	0°48	29° 5	21°21	24°51	10°40	18°55	19°16	2°42	15°24	16°43	10°28	n.a.	S 15
M16	1 0 22	13°50'00	29° 6	0°37	0♐11	22° 5	24°48	10°44	18°59	19°17	2°44	15°21	16°40	10°35	n.a.	M16
T 17	1 4 19	14°50'50	12♊39	0°16	1°18	22°50	24°45	10°49	19° 2	19°19	2°47	15°D19	16°36	10°41	n.a.	T 17
W18	1 8 16	15°51'41	25°44	29♎44	2°24	23°35	24°43	10°53	19° 6	19°20	2°49	15°20	16°33	10°48	n.a.	W18
T 19	1 12 12	16°52'34	8♋25	29° 1	3°30	24°19	24°40	10°58	19° 9	19°21	2°51	15°21	16°30	10°55	n.a.	T 19
F 20	1 16 9	17°53'29	20°46	28° 8	4°36	25° 4	24°38	11° 2	19°13	19°22	2°53	15°R21	16°27	11° 2	n.a.	F 20
S 21	1 20 5	18°54'25	2♌52	27° 5	5°41	25°49	24°36	11° 6	19°16	19°24	2°56	15°20	16°24	11° 8	n.a.	S 21
S 22	1 24 2	19°55'22	14°48	25°54	6°47	26°34	24°35	11°11	19°19	19°25	2°58	15°16	16°21	11°15	n.a.	S 22
M23	1 27 58	20°56'21	26°40	24°37	7°52	27°18	24°33	11°15	19°23	19°26	3° 0	15°10	16°17	11°22	n.a.	M23
T 24	1 31 55	21°57'21	8♍30	23°16	8°57	28° 3	24°32	11°19	19°26	19°28	3° 2	15° 2	16°14	11°29	n.a.	T 24
W25	1 35 52	22°58'23	20°24	21°53	10° 1	28°48	24°31	11°23	19°30	19°29	3° 5	14°53	16°11	11°35	n.a.	W25
T 26	1 39 48	23°59'26	2♎22	20°32	11° 6	29°33	24°30	11°26	19°33	19°31	3° 7	14°42	16° 8	11°42	n.a.	T 26
F 27	1 43 45	25° 0'30	14°26	19°15	12°10	0♑18	24°29	11°30	19°36	19°32	3° 9	14°32	16° 5	11°49	n.a.	F 27
S 28	1 47 41	26° 1'35	26°39	18° 5	13°14	1° 3	24°29	11°34	19°39	19°34	3°12	14°23	16° 2	11°55	n.a.	S 28
S 29	1 51 38	27° 2'41	9♏ 1	17° 4	14°17	1°48	24°29	11°37	19°43	19°35	3°14	14°16	15°58	12° 2	n.a.	S 29
M30	1 55 34	28° 3'48	21°32	16°12	15°20	2°33	24°D29	11°41	19°46	19°37	3°16	14°11	15°55	12° 9	n.a.	M30
T 31	1 59 31	29♎ 4'56	4♐13	15♎31	16♐23	3♑18	24♓29	11♒44	19♍49	19♐38	3♏19	14♐ 8	15♐52	12♍16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	0n32	14s59	3s40	10s50	2s35	18s21	2s25	24s24	1s58	14s45	1s45	19n35	1n28	5n26	0n43	22s43	0n39	2s40	10n24	23s 8	23s12	3n39			n.a.
M 2	0 8	18 24	2 51	11 19	2 38	18 45	2 28	24 29	1 58	14 47	1 45	19 33	1 28	5 25	0 43	22 43	0 38	2 41	10 23	23 7	23 12	3 36			n.a.
T 3	0s17	21 1	1 53	11 46	2 41	19 9	2 31	24 35	1 57	14 48	1 45	19 32	1 29	5 23	0 43	22 43	0 38	2 42	10 23	23 6	23 12	3 34			n.a.
W 4	0 41	22 38	0 49	12 12	2 43	19 32	2 33	24 40	1 57	14 50	1 45	19 31	1 29	5 22	0 43	22 43	0 38	2 43	10 23	23 6	23 12	3 31			n.a.
T 5	1 6	23 6	0n19	12 36	2 45	19 54	2 36	24 45	1 56	14 51	1 45	19 29	1 29	5 21	0 43	22 43	0 38	2 44	10 23	23 6	23 11	3 28			n.a.
F 6	1 30	22 18	1 28	12 57	2 46	20 16	2 39	24 50	1 56	14 53	1 44	19 28	1 29	5 19	0 43	22 43	0 38	2 45	10 22	23 6	23 11	3 26			n.a.
S 7	1 54	20 10	2 34	13 17	2 46	20 37	2 41	24 55	1 55	14 54	1 44	19 27	1 29	5 18	0 43	22 43	0 38	2 46	10 22	23 6	23 11	3 23			n.a.
S 8	2 19	16 47	3 33	13 33	2 45	20 58	2 44	24 59	1 55	14 55	1 44	19 26	1 30	5 16	0 43	22 43	0 38	2 47	10 22	23 6	23 10	3 20			n.a.
M 9	2 43	12 19	4 20	13 47	2 44	21 19	2 46	25 3	1 54	14 57	1 44	19 24	1 30	5 15	0 43	22 44	0 38	2 48	10 22	23 5	23 10	3 18			n.a.
T 10	3 7	7 1	4 51	13 59	2 41	21 39	2 48	25 7	1 54	14 58	1 43	19 23	1 30	5 13	0 43	22 44	0 38	2 49	10 21	23 5	23 10	3 15			n.a.
W11	3 32	1 13	5 2	14 6	2 38	21 58	2 50	25 10	1 53	14 59	1 43	19 22	1 30	5 12	0 43	22 44	0 38	2 49	10 21	23 4	23 9	3 12			n.a.
T 12	3 56	4n41	4 53	14 10	2 33	22 17	2 53	25 14	1 53	15 0	1 43	19 21	1 30	5 10	0 43	22 44	0 38	2 50	10 21	23 2	23 9	3 10			n.a.
F 13	4 20	10 17	4 22	14 11	2 27	22 35	2 55	25 17	1 52	15 1	1 43	19 20	1 31	5 9	0 43	22 44	0 38	2 51	10 21	23 1	23 9	3 7			n.a.
S 14	4 44	15 11	3 35	14 6	2 19	22 53	2 56	25 19	1 51	15 2	1 42	19 19	1 31	5 8	0 43	22 44	0 38	2 52	10 21	23 0	23 8	3 5			n.a.
S 15	5 8	19 3	2 34	13 57	2 10	23 10	2 58	25 22	1 51	15 3	1 42	19 17	1 31	5 6	0 43	22 44	0 38	2 53	10 20	23 0	23 8	3 2			n.a.
M16	5 32	21 39	1 25	13 44	1 59	23 26	3 0	25 24	1 50	15 3	1 42	19 16	1 31	5 5	0 43	22 44	0 38	2 54	10 20	22 59	23 8	2 59			n.a.
T 17	5 56	22 54	0 14	13 24	1 47	23 42	3 2	25 26	1 50	15 4	1 42	19 15	1 31	5 3	0 43	22 44	0 38	2 55	10 20	22 59	23 7	2 57			n.a.
W18	6 20	22 49	0s55	13 0	1 33	23 57	3 3	25 28	1 49	15 5	1 41	19 14	1 32	5 2	0 43	22 45	0 38	2 56	10 20	22 59	23 7	2 54			n.a.
T 19	6 44	21 32	2 0	12 30	1 17	24 12	3 4	25 29	1 48	15 5	1 41	19 13	1 32	5 1	0 43	22 45	0 38	2 57	10 20	22 59	23 7	2 51			n.a.
F 20	7 7	19 15	2 58	11 54	1 0	24 26	3 6	25 31	1 48	15 6	1 41	19 12	1 32	4 59	0 43	22 45	0 38	2 58	10 19	22 59	23 6	2 49			n.a.
S 21	7 31	16 9	3 46	11 14	0 41	24 39	3 7	25 32	1 47	15 6	1 41	19 11	1 32	4 58	0 43	22 45	0 38	2 59	10 19	22 59	23 6	2 46			n.a.
S 22	7 54	12 26	4 24	10 30	0 22	24 52	3 8	25 32	1 46	15 6	1 40	19 10	1 32	4 57	0 43	22 45	0 38	3 0	10 19	22 59	23 6	2 43			n.a.
M23	8 18	8 17	4 50	9 42	0 1	25 4	3 9	25 33	1 46	15 6	1 40	19 9	1 33	4 55	0 43	22 45	0 38	3 1	10 19	22 58	23 6	2 41			n.a.
T 24	8 41	3 49	5 4	8 53	0n19	25 15	3 9	25 33	1 45	15 7	1 40	19 8	1 33	4 54	0 43	22 45	0 38	3 1	10 19	22 57	23 5	2 38			n.a.
W25	9 4	0s47	5 4	8 2	0 40	25 26	3 10	25 33	1 44	15 7	1 39	19 7	1 33	4 53	0 43	22 46	0 38	3 2	10 19	22 56	23 5	2 35			n.a.
T 26	9 27	5 24	4 51	7 13	0 59	25 36	3 11	25 32	1 44	15 7	1 39	19 7	1 33	4 51	0 43	22 46	0 38	3 3	10 18	22 55	23 5	2 33			n.a.
F 27	9 50	9 51	4 26	6 27	1 18	25 45	3 11	25 32	1 43	15 7	1 39	19 6	1 34	4 50	0 43	22 46	0 38	3 4	10 18	22 54	23 4	2 30			n.a.
S 28	10 12	13 57	3 47	5 44	1 35	25 54	3 11	25 31	1 42	15 7	1 38	19 5	1 34	4 49	0 43	22 46	0 38	3 5	10 18	22 53	23 4	2 28			n.a.
S 29	10 35	17 31	2 58	5 7	1 50	26 2	3 11	25 30	1 42	15 6	1 38	19 4	1 34	4 47	0 43	22 46	0 38	3 6	10 18	22 52	23 4	2 25			n.a.
M30	10 57	20 20	1 59	4 34	2 3	26 9	3 11	25 28	1 41	15 6	1 38	19 3	1 34	4 46	0 43	22 46	0 38	3 7	10 18	22 51	23 3	2 22			n.a.
T 31	11s19	22s11	0s53	4s 9	2n14	26s16	3s11	25s26	1s40	15s 6	1s38	19n 3	1n35	4n45	0n43	22s46	0n38	3s 8	10n18	22s51	23s 3	2n20			n.a.

Julian Day Number = 1368134.5, Delta T = 06h53m02s
Ecliptic obliquity = 23°48'37, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°25'46, Lahiri = -17°18'45 Julian Calendar 1 Oct. 968 BCE == Greg. Calendar 22 Sept. 968 BCE

The year -967 astronomical counting style corresponds to year 968 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 968 BCE
geocentric

NOVEMBER 968 BCE (-967) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 3 27	0♏ 6'05	17♐ 6	15°R 2	17♐26	4♑ 3	24♒29	11♌47	19♍52	19♐40	3♏21	14°D 8	15♐49	12♍22	n.a.	W 1
T 2	2 7 24	1° 7'15	0♑12	14♎45	18°28	4°48	24°30	11°50	19°55	19°42	3°23	14♐ 9	15°46	12°29	n.a.	T 2
F 3	2 11 21	2° 8'25	13°33	14°D38	19°30	5°33	24°30	11°53	19°58	19°43	3°25	14°10	15°42	12°36	n.a.	F 3
S 4	2 15 17	3° 9'35	27°10	14°41	20°32	6°18	24°32	11°56	20° 1	19°45	3°28	14°R11	15°39	12°42	n.a.	S 4
S 5	2 19 14	4°10'46	11♒ 4	14°55	21°33	7° 3	24°33	11°59	20° 4	19°47	3°30	14°11	15°36	12°49	n.a.	S 5
M 6	2 23 10	5°11'57	25°16	15°17	22°33	7°48	24°34	12° 2	20° 7	19°48	3°32	14° 9	15°33	12°56	n.a.	M 6
T 7	2 27 7	6°13'09	9♓44	15°47	23°34	8°33	24°36	12° 5	20°10	19°50	3°35	14° 6	15°30	13° 3	n.a.	T 7
W 8	2 31 3	7°14'21	24°24	16°24	24°34	9°18	24°38	12° 7	20°13	19°52	3°37	14° 1	15°27	13° 9	n.a.	W 8
T 9	2 35 0	8°15'33	9♈11	17° 8	25°33	10° 3	24°40	12°10	20°16	19°54	3°39	13°55	15°23	13°16	n.a.	T 9
F 10	2 38 56	9°16'46	23°56	17°57	26°32	10°48	24°42	12°12	20°19	19°56	3°42	13°50	15°20	13°23	n.a.	F 10
S 11	2 42 53	10°17'59	8♉32	18°51	27°31	11°34	24°44	12°14	20°22	19°57	3°44	13°45	15°17	13°30	n.a.	S 11
S 12	2 46 50	11°19'13	22°52	19°50	28°29	12°19	24°47	12°16	20°24	19°59	3°46	13°42	15°14	13°36	n.a.	S 12
M13	2 50 46	12°20'27	6♊50	20°52	29°26	13° 4	24°50	12°18	20°27	20° 1	3°49	13°40	15°11	13°43	n.a.	M13
T 14	2 54 43	13°21'42	20°24	21°58	0♑23	13°49	24°53	12°20	20°30	20° 3	3°51	13°D40	15° 7	13°50	n.a.	T 14
W15	2 58 39	14°22'57	3♋34	23° 7	1°19	14°34	24°56	12°22	20°32	20° 5	3°53	13°41	15° 4	13°56	n.a.	W15
T 16	3 2 36	15°24'13	16°20	24°18	2°15	15°19	25° 0	12°24	20°35	20° 7	3°56	13°43	15° 1	14° 3	n.a.	T 16
F 17	3 6 32	16°25'29	28°46	25°32	3°10	16° 4	25° 3	12°26	20°37	20° 9	3°58	13°45	14°58	14°10	n.a.	F 17
S 18	3 10 29	17°26'46	10♌56	26°48	4° 5	16°49	25° 7	12°27	20°40	20°11	4° 0	13°46	14°55	14°17	n.a.	S 18
S 19	3 14 25	18°28'03	22°56	28° 5	4°59	17°34	25°11	12°28	20°42	20°13	4° 2	13°R46	14°52	14°23	n.a.	S 19
M20	3 18 22	19°29'21	4♍49	29°24	5°52	18°19	25°15	12°30	20°45	20°15	4° 5	13°45	14°48	14°30	n.a.	M20
T 21	3 22 19	20°30'39	16°40	0♏44	6°45	19° 4	25°20	12°31	20°47	20°17	4° 7	13°43	14°45	14°37	n.a.	T 21
W22	3 26 15	21°31'57	28°35	2° 6	7°36	19°49	25°24	12°32	20°50	20°19	4° 9	13°40	14°42	14°44	n.a.	W22
T 23	3 30 12	22°33'16	10♎36	3°29	8°27	20°34	25°29	12°33	20°52	20°21	4°11	13°36	14°39	14°50	n.a.	T 23
F 24	3 34 8	23°34'34	22°47	4°52	9°18	21°19	25°34	12°34	20°54	20°23	4°14	13°33	14°36	14°57	n.a.	F 24
S 25	3 38 5	24°35'53	5♏10	6°17	10° 7	22° 4	25°39	12°35	20°56	20°25	4°16	13°30	14°33	15° 4	n.a.	S 25
S 26	3 42 1	25°37'12	17°46	7°42	10°56	22°49	25°44	12°35	20°58	20°27	4°18	13°27	14°29	15°10	n.a.	S 26
M27	3 45 58	26°38'31	0♐36	9° 8	11°44	23°34	25°50	12°36	21° 1	20°29	4°20	13°26	14°26	15°17	n.a.	M27
T 28	3 49 55	27°39'50	13°39	10°35	12°30	24°19	25°56	12°36	21° 3	20°32	4°22	13°D25	14°23	15°24	n.a.	T 28
W29	3 53 51	28°41'08	26°56	12° 2	13°16	25° 4	26° 1	12°37	21° 5	20°34	4°25	13°26	14°20	15°31	n.a.	W29
T 30	3 57 48	29♏42'26	10♑25	13♏30	14♑ 1	25♑49	26♒ 8	12♌37	21♍ 7	20♐36	4♏27	13♐27	14♐17	15♍37	n.a.	T 30

Day	☉		☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11 s41	22 s54	0n16	3 s49	2n23	26 s22	3 s11	25 s24	1 s40	15 s 5	1 s37	19n 2	1n35	4n44	0n43	22 s47	0n38	3 s 9	10n18	22 s51	23 s 2	2n17		n.a.
T 2	12 3	22 23	1 26	3 36	2 30	26 27	3 10	25 22	1 39	15 5	1 37	19 1	1 35	4 43	0 43	22 47	0 38	3 9	10 18	22 51	23 2	2 14		n.a.
F 3	12 24	20 35	2 33	3 28	2 35	26 32	3 9	25 20	1 38	15 4	1 37	19 1	1 35	4 41	0 43	22 47	0 37	3 10	10 18	22 51	23 2	2 12		n.a.
S 4	12 45	17 35	3 32	3 26	2 39	26 36	3 8	25 17	1 38	15 4	1 36	19 0	1 35	4 40	0 43	22 47	0 37	3 11	10 17	22 51	23 1	2 9		n.a.
S 5	13 7	13 33	4 20	3 30	2 41	26 39	3 7	25 14	1 37	15 3	1 36	18 59	1 36	4 39	0 43	22 47	0 37	3 12	10 17	22 51	23 1	2 7		n.a.
M 6	13 27	8 41	4 54	3 38	2 41	26 42	3 6	25 10	1 36	15 2	1 36	18 59	1 36	4 38	0 43	22 47	0 37	3 13	10 17	22 51	23 1	2 4		n.a.
T 7	13 48	3 16	5 10	3 50	2 40	26 44	3 5	25 7	1 35	15 1	1 35	18 58	1 36	4 37	0 43	22 48	0 37	3 14	10 17	22 51	23 0	2 1		n.a.
W 8	14 8	2n24	5 5	4 7	2 39	26 45	3 3	25 3	1 35	15 0	1 35	18 58	1 36	4 35	0 43	22 48	0 37	3 15	10 17	22 50	23 0	1 59		n.a.
T 9	14 29	7 59	4 41	4 26	2 36	26 45	3 1	24 59	1 34	14 59	1 35	18 57	1 37	4 34	0 43	22 48	0 37	3 15	10 17	22 50	23 0	1 56		n.a.
F 10	14 48	13 6	3 58	4 48	2 32	26 45	3 0	24 55	1 33	14 58	1 35	18 57	1 37	4 33	0 43	22 48	0 37	3 16	10 17	22 49	22 59	1 53		n.a.
S 11	15 8	17 24	3 0	5 13	2 28	26 45	2 57	24 50	1 32	14 57	1 34	18 57	1 37	4 32	0 43	22 48	0 37	3 17	10 17	22 48	22 59	1 51		n.a.
S 12	15 28	20 34	1 51	5 40	2 23	26 43	2 55	24 45	1 32	14 56	1 34	18 56	1 37	4 31	0 43	22 48	0 37	3 18	10 17	22 48	22 59	1 48		n.a.
M13	15 47	22 24	0 37	6 9	2 18	26 41	2 53	24 40	1 31	14 55	1 34	18 56	1 38	4 30	0 43	22 49	0 37	3 19	10 17	22 48	22 58	1 46		n.a.
T 14	16 6	22 51	0 s37	6 39	2 12	26 39	2 50	24 34	1 30	14 54	1 33	18 56	1 38	4 29	0 43	22 49	0 37	3 19	10 17	22 48	22 58	1 43		n.a.
W15	16 24	21 59	1 47	7 10	2 6	26 35	2 47	24 29	1 29	14 52	1 33	18 55	1 38	4 28	0 43	22 49	0 37	3 20	10 17	22 48	22 58	1 40		n.a.
T 16	16 42	19 59	2 50	7 43	2 0	26 31	2 44	24 23	1 29	14 51	1 33	18 55	1 38	4 27	0 43	22 49	0 37	3 21	10 17	22 48	22 57	1 38		n.a.
F 17	17 0	17 6	3 42	8 16	1 53	26 27	2 41	24 17	1 28	14 49	1 32	18 55	1 39	4 26	0 43	22 49	0 37	3 22	10 17	22 48	22 57	1 35		n.a.
S 18	17 18	13 31	4 24	8 50	1 46	26 22	2 37	24 10	1 27	14 48	1 32	18 55	1 39	4 25	0 43	22 49	0 37	3 23	10 17	22 48	22 56	1 33		n.a.
S 19	17 35	9 28	4 54	9 25	1 39	26 16	2 33	24 4	1 26	14 46	1 32	18 54	1 39	4 24	0 43	22 50	0 37	3 23	10 17	22 48	22 56	1 30		n.a.
M20	17 52	5 5	5 10	10 0	1 32	26 10	2 29	23 57	1 25	14 44	1 32	18 54	1 39	4 23	0 43	22 50	0 37	3 24	10 17	22 48	22 56	1 27		n.a.
T 21	18 9	0 32	5 14	10 36	1 24	26 3	2 25	23 50	1 25	14 42	1 31	18 54	1 40	4 22	0 43	22 50	0 37	3 25	10 17	22 48	22 55	1 25		n.a.
W22	18 26	4 s 3	5 4	11 11	1 17	25 56	2 21	23 42	1 24	14 41	1 31	18 54	1 40	4 21	0 44	22 50	0 37	3 26	10 17	22 48	22 55	1 22		n.a.
T 23	18 42	8 33	4 40	11 47	1 9	25 48	2 16	23 35	1 23	14 39	1 31	18 54	1 40	4 20	0 44	22 50	0 37	3 26	10 17	22 47	22 55	1 19		n.a.
F 24	18 57	12 45	4 4	12 22	1 2	25 39	2 11	23 27	1 22	14 37	1 30	18 54	1 40	4 20	0 44	22 50	0 37	3 27	10 17	22 47	22 54	1 17		n.a.
S 25	19 13	16 30	3 16	12 58	0 54	25 30	2 6	23 19	1 22	14 35	1 30	18 54	1 41	4 19	0 44	22 51	0 37	3 28	10 17	22 46	22 54	1 14		n.a.
S 26	19 28	19 35	2 17	13 33	0 47	25 21	2 0	23 10	1 21	14 33	1 30	18 54	1 41	4 18	0 44	22 51	0 37	3 28	10 17	22 46	22 54	1 12		n.a.
M27	19 42	21 44	1 10	14 8	0 39	25 11	1 55	23 2	1 20	14 30	1 30	18 54	1 41	4 17	0 44	22 51	0 37	3 29	10 17	22 46	22 53	1 9		n.a.
T 28	19 57	22 46	0n 1	14 43	0 32	25 1	1 49	22 53	1 19	14 28	1 29	18 54	1 41	4 16	0 44	22 51	0 37	3 30	10 17	22 46	22 53	1 6		n.a.
W29	20 11	22 32	1 14	15 18	0 25	24 50	1 43	22 44	1 18	14 26	1 29	18 54	1 42	4 15	0 44	22 51	0 37	3 30	10 17	22 46	22 52	1 4		n.a.
T 30	20 s24	21 s 0	2n24	15 s52	0n17	24 s39	1 s36	22 s35	1 s18	14 s23	1 s29	18n55	1n42	4n15	0n44	22 s51	0n37	3 s31	10n17	22 s46	22 s52	1n 1		n.a.

Julian Day Number = 1368165.5, Delta T = 06h53m01s
Ecliptic obliquity = 23°48'37, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°25'42, Lahiri = -17°18'41 Julian Calendar 1 Nov. 968 BCE == Greg. Calendar 23 Oct. 968 BCE

The year -967 astronomical counting style corresponds to year 968 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 968 BCE
geocentric

DECEMBER 968 BCE (-967) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 1 44	0♐43'43	24♉ 5	14♏59	14♉45	26♉34	26♒14	12°R37	21♍ 8	20♐38	4♏29	13♐28	14♐13	15♍44	n.a.	F 1
S 2	4 5 41	1°45'00	7♒56	16°28	15°28	27°19	26°20	12♌37	21°10	20°40	4°31	13°29	14°10	15°51	n.a.	S 2
S 3	4 9 37	2°46'16	21°55	17°58	16° 9	28° 4	26°27	12°37	21°12	20°42	4°33	13°30	14° 7	15°58	n.a.	S 3
M 4	4 13 34	3°47'32	6♓ 3	19°28	16°50	28°48	26°33	12°37	21°14	20°45	4°35	13°R30	14° 4	16° 4	n.a.	M 4
T 5	4 17 30	4°48'46	20°16	20°58	17°29	29°33	26°40	12°36	21°16	20°47	4°37	13°29	14° 1	16°11	n.a.	T 5
W 6	4 21 27	5°50'00	4♈34	22°30	18° 6	0♒18	26°47	12°36	21°17	20°49	4°39	13°29	13°58	16°18	n.a.	W 6
T 7	4 25 24	6°51'13	18°51	24° 1	18°43	1° 3	26°54	12°35	21°19	20°51	4°41	13°28	13°54	16°24	n.a.	T 7
F 8	4 29 20	7°52'25	3♉ 5	25°33	19°18	1°48	27° 2	12°35	21°20	20°53	4°43	13°27	13°51	16°31	n.a.	F 8
S 9	4 33 17	8°53'37	17°12	27° 6	19°52	2°32	27° 9	12°34	21°22	20°56	4°45	13°27	13°48	16°38	n.a.	S 9
S 10	4 37 13	9°54'47	1♊ 7	28°39	20°24	3°17	27°17	12°33	21°23	20°58	4°47	13°26	13°45	16°45	n.a.	S 10
M11	4 41 10	10°55'58	14°48	0♐12	20°54	4° 2	27°25	12°32	21°25	21° 0	4°49	13°D26	13°42	16°51	n.a.	M11
T 12	4 45 6	11°57'07	28°11	1°46	21°23	4°47	27°33	12°31	21°26	21° 2	4°51	13°26	13°39	16°58	n.a.	T 12
W13	4 49 3	12°58'15	11♋15	3°21	21°50	5°31	27°41	12°30	21°27	21° 5	4°53	13°R26	13°35	17° 5	n.a.	W13
T 14	4 53 0	13°59'23	24° 0	4°56	22°16	6°16	27°49	12°28	21°29	21° 7	4°55	13°26	13°32	17°12	n.a.	T 14
F 15	4 56 56	15° 0'31	6♌28	6°32	22°39	7° 0	27°58	12°27	21°30	21° 9	4°57	13°26	13°29	17°18	n.a.	F 15
S 16	5 0 53	16° 1'37	18°41	8° 8	23° 1	7°45	28° 6	12°25	21°31	21°11	4°59	13°26	13°26	17°25	n.a.	S 16
S 17	5 4 49	17° 2'43	0♍43	9°45	23°21	8°30	28°15	12°24	21°32	21°14	5° 1	13°26	13°23	17°32	n.a.	S 17
M18	5 8 46	18° 3'48	12°38	11°22	23°38	9°14	28°24	12°22	21°33	21°16	5° 3	13°D26	13°19	17°38	n.a.	M18
T 19	5 12 42	19° 4'52	24°30	13° 0	23°54	9°59	28°33	12°20	21°34	21°18	5° 5	13°26	13°16	17°45	n.a.	T 19
W20	5 16 39	20° 5'56	6♎25	14°38	24° 8	10°43	28°42	12°18	21°35	21°20	5° 6	13°26	13°13	17°52	n.a.	W20
T 21	5 20 35	21° 6'59	18°27	16°18	24°19	11°27	28°51	12°16	21°36	21°23	5° 8	13°26	13°10	17°59	n.a.	T 21
F 22	5 24 32	22° 8'01	0♏39	17°58	24°28	12°12	29° 0	12°14	21°37	21°25	5°10	13°27	13° 7	18° 5	n.a.	F 22
S 23	5 28 29	23° 9'02	13° 7	19°38	24°35	12°56	29°10	12°12	21°37	21°27	5°12	13°28	13° 4	18°12	n.a.	S 23
S 24	5 32 25	24°10'02	25°53	21°19	24°39	13°41	29°19	12°10	21°38	21°30	5°13	13°29	13° 0	18°19	n.a.	S 24
M25	5 36 22	25°11'01	8♐58	23° 1	24°R41	14°25	29°29	12° 7	21°39	21°32	5°15	13°R30	12°57	18°25	n.a.	M25
T 26	5 40 18	26°11'59	22°22	24°44	24°41	15° 9	29°39	12° 5	21°39	21°34	5°17	13°30	12°54	18°32	n.a.	T 26
W27	5 44 15	27°12'56	6♑ 5	26°27	24°38	15°53	29°49	12° 2	21°40	21°36	5°18	13°29	12°51	18°39	n.a.	W27
T 28	5 48 11	28°13'51	20° 2	28°11	24°32	16°38	29°59	12° 0	21°40	21°39	5°20	13°27	12°48	18°46	n.a.	T 28
F 29	5 52 8	29°14'45	4♒12	29°56	24°24	17°22	0♓ 9	11°57	21°41	21°41	5°21	13°25	12°45	18°52	n.a.	F 29
S 30	5 56 4	0♑15'38	18°29	1♑41	24°14	18° 6	0°20	11°54	21°41	21°43	5°23	13°23	12°41	18°59	n.a.	S 30
S 31	6 0 1	1♑16'28	2♓48	3♑28	24♑ 0	18♒50	0♓30	11♌51	21♍41	21♐45	5♏25	13♐21	12♐38	19♍ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s37	18s14	3n26	16s25	0n10	24s27	1s29	22s25	1s17	14s21	1s28	18n55	1n42	4n14	0n44	22s52	0n37	3s32	10n17	22s46	22s52	0n59		n.a.
S 2	20 50	14 25	4 18	16 58	0 3	24 16	1 22	22 16	1 16	14 19	1 28	18 55	1 42	4 13	0 44	22 52	0 37	3 32	10 17	22 46	22 51	0 56		n.a.
S 3	21 2	9 46	4 55	17 31	0s 4	24 3	1 15	22 6	1 15	14 16	1 28	18 55	1 43	4 13	0 44	22 52	0 37	3 33	10 17	22 46	22 51	0 53		n.a.
M 4	21 14	4 34	5 14	18 3	0 11	23 51	1 7	21 56	1 14	14 14	1 28	18 56	1 43	4 12	0 44	22 52	0 37	3 34	10 17	22 46	22 51	0 51		n.a.
T 5	21 26	0n54	5 15	18 34	0 18	23 38	0 59	21 45	1 13	14 11	1 27	18 56	1 43	4 11	0 44	22 52	0 37	3 34	10 17	22 46	22 50	0 48		n.a.
W 6	21 37	6 21	4 56	19 5	0 25	23 24	0 51	21 35	1 13	14 8	1 27	18 56	1 43	4 11	0 44	22 53	0 37	3 35	10 17	22 46	22 50	0 46		n.a.
T 7	21 47	11 28	4 19	19 34	0 31	23 11	0 43	21 24	1 12	14 5	1 27	18 57	1 44	4 10	0 44	22 53	0 37	3 35	10 18	22 46	22 49	0 43		n.a.
F 8	21 58	15 57	3 26	20 3	0 38	22 57	0 34	21 13	1 11	14 3	1 27	18 57	1 44	4 9	0 44	22 53	0 37	3 36	10 18	22 46	22 49	0 40		n.a.
S 9	22 7	19 28	2 20	20 32	0 44	22 43	0 25	21 2	1 10	14 0	1 26	18 58	1 44	4 9	0 44	22 53	0 37	3 37	10 18	22 46	22 49	0 38		n.a.
S 10	22 17	21 48	1 8	20 59	0 50	22 29	0 15	20 51	1 9	13 57	1 26	18 58	1 44	4 8	0 44	22 53	0 37	3 37	10 18	22 46	22 48	0 35		n.a.
M11	22 26	22 48	0s 8	21 25	0 56	22 15	0 5	20 39	1 9	13 54	1 26	18 59	1 45	4 8	0 44	22 53	0 37	3 38	10 18	22 46	22 48	0 33		n.a.
T 12	22 34	22 27	1 21	21 51	1 2	22 0	0n 5	20 28	1 8	13 51	1 26	18 59	1 45	4 7	0 44	22 54	0 37	3 38	10 18	22 46	22 47	0 30		n.a.
W13	22 42	20 52	2 28	22 15	1 8	21 46	0 15	20 16	1 7	13 48	1 25	19 0	1 45	4 7	0 44	22 54	0 37	3 39	10 18	22 46	22 47	0 28		n.a.
T 14	22 50	18 15	3 27	22 39	1 13	21 31	0 26	20 4	1 6	13 45	1 25	19 0	1 45	4 6	0 44	22 54	0 37	3 39	10 18	22 46	22 47	0 25		n.a.
F 15	22 57	14 51	4 14	23 1	1 18	21 16	0 37	19 52	1 5	13 41	1 25	19 1	1 46	4 6	0 44	22 54	0 37	3 40	10 18	22 46	22 46	0 22		n.a.
S 16	23 4	10 54	4 48	23 22	1 23	21 1	0 48	19 39	1 5	13 38	1 25	19 2	1 46	4 6	0 44	22 54	0 37	3 40	10 19	22 46	22 46	0 20		n.a.
S 17	23 10	6 34	5 9	23 42	1 28	20 46	1 0	19 27	1 4	13 35	1 24	19 2	1 46	4 5	0 44	22 54	0 37	3 41	10 19	22 46	22 45	0 17		n.a.
M18	23 16	2 3	5 17	24 1	1 32	20 32	1 12	19 14	1 3	13 32	1 24	19 3	1 46	4 5	0 44	22 55	0 37	3 41	10 19	22 46	22 45	0 15		n.a.
T 19	23 21	2s32	5 11	24 18	1 36	20 17	1 24	19 1	1 2	13 28	1 24	19 4	1 47	4 4	0 44	22 55	0 37	3 42	10 19	22 46	22 45	0 12		n.a.
W20	23 26	7 2	4 52	24 34	1 40	20 2	1 37	18 48	1 1	13 25	1 24	19 5	1 47	4 4	0 44	22 55	0 37	3 42	10 19	22 46	22 44	0 9		n.a.
T 21	23 30	11 20	4 20	24 49	1 44	19 47	1 50	18 35	1 0	13 21	1 23	19 5	1 47	4 4	0 45	22 55	0 37	3 42	10 19	22 46	22 44	0 7		n.a.
F 22	23 34	15 14	3 36	25 2	1 47	19 33	2 3	18 21	1 0	13 18	1 23	19 6	1 47	4 3	0 45	22 55	0 37	3 43	10 19	22 46	22 43	0 4		n.a.
S 23	23 38	18 34	2 40	25 13	1 50	19 18	2 16	18 8	0 59	13 14	1 23	19 7	1 48	4 3	0 45	22 55	0 37	3 43	10 20	22 46	22 43	0 2		n.a.
S 24	23 41	21 5	1 36	25 24	1 53	19 4	2 30	17 54	0 58	13 10	1 23	19 8	1 48	4 3	0 45	22 56	0 36	3 44	10 20	22 46	22 43	0s 1		n.a.
M25	23 43	22 33	0 25	25 32	1 55	18 50	2 44	17 40	0 57	13 7	1 22	19 9	1 48	4 3	0 45	22 56	0 36	3 44	10 20	22 46	22 42	0 3		n.a.
T 26	23 45	22 46	0n49	25 39	1 57	18 36	2 58	17 26	0 56	13 3	1 22	19 10	1 48	4 3	0 45	22 56	0 36	3 44	10 20	22 46	22 42	0 6		n.a.
W27	23 47	21 39	2 2	25 44	1 58	18 22	3 13	17 12	0 56	12 59	1 22	19 11	1 48	4 2	0 45	22 56	0 36	3 45	10 20	22 46	22 41	0 9		n.a.
T 28	23 48	19 11	3 9	25 47	2 0	18 9	3 27	16 58	0 55	12 55	1 22	19 12	1 49	4 2	0 45	22 56	0 36	3 45	10 20	22 46	22 41	0 11		n.a.
F 29	23 48	15 33	4 5	25 49	2 0	17 56	3 42	16 43	0 54	12 52	1 22	19 13	1 49	4 2	0 45	22 56	0 36	3 46	10 21	22 46	22 41	0 14		n.a.
S 30	23 49	10 59	4 46	25 48	2 1	17 43	3 56	16 29	0 53	12 48	1 21	19 14	1 49	4 2	0 45	22 56	0 36	3 46	10 21	22 45	22 40	0 16		n.a.
S 31	23s48	5s49	5n10	25s46	2s 0	17s31	4n11	16s14	0s52	12s44	1s21	19n15	1n49	4n 2	0n45	22s57	0n36	3s46	10n21	22s45	22s40	0s19		n.a.

Julian Day Number = 1368195.5, Delta T = 06h52m59s
Ecliptic obliquity = 23°48'36, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°25'38, Lahiri = -17°18'37 Julian Calendar 1 Dec. 968 BCE == Greg. Calendar 22 Nov. 968 BCE

The year -967 astronomical counting style corresponds to year 968 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 967 BCE
geocentric

JANUARY 967 BCE (-966) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 3 58	2♉17'17	17♓ 6	5♉14	23°R45	19♒34	0♓41	11°R48	21♍41	21♐48	5♏26	13°R19	12♐35	19♍13	n.a.	M 1
T 2	6 7 54	3°18'04	1♈19	7° 2	23♉27	20°18	0°51	11♌45	21°42	21°50	5°27	13°D19	12°32	19°19	n.a.	T 2
W 3	6 11 51	4°18'49	15°25	8°50	23° 6	21° 2	1° 2	11°42	21°42	21°52	5°29	13♐19	12°29	19°26	n.a.	W 3
T 4	6 15 47	5°19'33	29°23	10°38	22°43	21°46	1°13	11°39	21°42	21°54	5°30	13°20	12°25	19°33	n.a.	T 4
F 5	6 19 44	6°20'15	13♉12	12°27	22°18	22°30	1°24	11°35	21°R42	21°57	5°32	13°22	12°22	19°39	n.a.	F 5
S 6	6 23 40	7°20'55	26°50	14°17	21°51	23°14	1°35	11°32	21°42	21°59	5°33	13°23	12°19	19°46	n.a.	S 6
S 7	6 27 37	8°21'33	10♊16	16° 6	21°22	23°58	1°46	11°28	21°42	22° 1	5°34	13°R24	12°16	19°53	n.a.	S 7
M 8	6 31 34	9°22'09	23°31	17°56	20°51	24°42	1°57	11°25	21°41	22° 3	5°36	13°23	12°13	20° 0	n.a.	M 8
T 9	6 35 30	10°22'44	6♋34	19°46	20°18	25°26	2° 9	11°21	21°41	22° 6	5°37	13°22	12°10	20° 6	n.a.	T 9
W10	6 39 27	11°23'17	19°23	21°36	19°44	26°10	2°20	11°17	21°41	22° 8	5°38	13°19	12° 6	20°13	n.a.	W10
T 11	6 43 23	12°23'49	1♌58	23°25	19° 9	26°53	2°32	11°14	21°41	22°10	5°39	13°14	12° 3	20°20	n.a.	T 11
F 12	6 47 20	13°24'18	14°21	25°14	18°32	27°37	2°44	11°10	21°40	22°12	5°41	13° 9	12° 0	20°27	n.a.	F 12
S 13	6 51 16	14°24'46	26°32	27° 1	17°55	28°21	2°55	11° 6	21°40	22°14	5°42	13° 3	11°57	20°33	n.a.	S 13
S 14	6 55 13	15°25'13	8♍34	28°48	17°18	29° 4	3° 7	11° 2	21°39	22°16	5°43	12°58	11°54	20°40	n.a.	S 14
M15	6 59 9	16°25'37	20°29	0♒33	16°40	29°48	3°19	10°58	21°39	22°18	5°44	12°54	11°51	20°47	n.a.	M15
T 16	7 3 6	17°26'01	2♎21	2°15	16° 2	0♓31	3°31	10°54	21°38	22°21	5°45	12°51	11°47	20°53	n.a.	T 16
W17	7 7 3	18°26'22	14°14	3°55	15°25	1°15	3°43	10°50	21°38	22°23	5°46	12°D49	11°44	21° 0	n.a.	W17
T 18	7 10 59	19°26'42	26°14	5°32	14°48	1°58	3°55	10°45	21°37	22°25	5°47	12°50	11°41	21° 7	n.a.	T 18
F 19	7 14 56	20°27'01	8♏25	7° 5	14°12	2°42	4° 8	10°41	21°36	22°27	5°48	12°51	11°38	21°14	n.a.	F 19
S 20	7 18 52	21°27'18	20°51	8°34	13°37	3°25	4°20	10°37	21°35	22°29	5°49	12°52	11°35	21°20	n.a.	S 20
S 21	7 22 49	22°27'33	3♐39	9°58	13° 3	4° 8	4°32	10°33	21°35	22°31	5°50	12°54	11°31	21°27	n.a.	S 21
M22	7 26 45	23°27'46	16°50	11°17	12°31	4°52	4°45	10°28	21°34	22°33	5°51	12°R54	11°28	21°34	n.a.	M22
T 23	7 30 42	24°27'58	0♑26	12°30	12° 0	5°35	4°57	10°24	21°33	22°35	5°51	12°53	11°25	21°40	n.a.	T 23
W24	7 34 38	25°28'08	14°26	13°35	11°32	6°18	5°10	10°19	21°32	22°37	5°52	12°49	11°22	21°47	n.a.	W24
T 25	7 38 35	26°28'16	28°48	14°34	11° 5	7° 1	5°23	10°15	21°31	22°39	5°53	12°44	11°19	21°54	n.a.	T 25
F 26	7 42 32	27°28'22	13♒26	15°25	10°40	7°44	5°35	10°10	21°30	22°41	5°54	12°37	11°16	22° 1	n.a.	F 26
S 27	7 46 28	28°28'26	28°12	16° 8	10°18	8°28	5°48	10° 6	21°28	22°43	5°54	12°30	11°12	22° 7	n.a.	S 27
S 28	7 50 25	29°28'28	12♓59	16°42	9°57	9°11	6° 1	10° 1	21°27	22°45	5°55	12°23	11° 9	22°14	n.a.	S 28
M29	7 54 21	0♒28'27	27°38	17° 7	9°39	9°54	6°14	9°57	21°26	22°47	5°56	12°17	11° 6	22°21	n.a.	M29
T 30	7 58 18	1°28'24	12♈ 5	17°23	9°24	10°37	6°27	9°52	21°25	22°49	5°56	12°13	11° 3	22°28	n.a.	T 30
W31	8 2 14	2♒28'18	26♈15	17°R30	9♉11	11♓20	6♓40	9♌47	21♍23	22♐50	5♏57	12°D12	11♐ 0	22♍34	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	23s47	0s21	5n15	25s42	2s 0	17s19	4n26	15s59	0s52	12s40	1s21	19n16	1n50	4n 2	0n45	22s57	0n36	3s46	10n21	22s45	22s39	0s21			n.a.
T 2	23 46	5n 6	5 0	25 36	1 59	17 8	4 40	15 45	0 51	12 36	1 21	19 17	1 50	4 2	0 45	22 57	0 36	3 47	10 21	22 45	22 39	0 24			n.a.
W 3	23 44	10 16	4 27	25 27	1 57	16 57	4 55	15 29	0 50	12 32	1 21	19 18	1 50	4 2	0 45	22 57	0 36	3 47	10 22	22 45	22 39	0 27			n.a.
T 4	23 42	14 50	3 39	25 17	1 55	16 47	5 9	15 14	0 49	12 27	1 20	19 19	1 50	4 2	0 45	22 57	0 36	3 47	10 22	22 45	22 38	0 29			n.a.
F 5	23 39	18 33	2 39	25 4	1 52	16 37	5 23	14 59	0 48	12 23	1 20	19 20	1 50	4 2	0 45	22 57	0 36	3 48	10 22	22 45	22 38	0 32			n.a.
S 6	23 36	21 12	1 30	24 50	1 48	16 27	5 37	14 44	0 47	12 19	1 20	19 22	1 51	4 2	0 45	22 57	0 36	3 48	10 22	22 45	22 37	0 34			n.a.
S 7	23 32	22 37	0 17	24 33	1 44	16 19	5 51	14 28	0 47	12 15	1 20	19 23	1 51	4 2	0 45	22 58	0 36	3 48	10 22	22 46	22 37	0 37			n.a.
M 8	23 28	22 44	0s55	24 14	1 40	16 10	6 4	14 13	0 46	12 11	1 20	19 24	1 51	4 2	0 45	22 58	0 36	3 48	10 23	22 46	22 36	0 39			n.a.
T 9	23 24	21 35	2 4	23 53	1 34	16 3	6 16	13 57	0 45	12 6	1 19	19 25	1 51	4 2	0 45	22 58	0 36	3 48	10 23	22 45	22 36	0 42			n.a.
W10	23 19	19 21	3 4	23 30	1 28	15 56	6 28	13 41	0 44	12 2	1 19	19 26	1 51	4 2	0 45	22 58	0 36	3 49	10 23	22 45	22 36	0 44			n.a.
T 11	23 13	16 13	3 55	23 5	1 22	15 49	6 40	13 25	0 43	11 58	1 19	19 28	1 52	4 3	0 45	22 58	0 36	3 49	10 23	22 44	22 35	0 47			n.a.
F 12	23 7	12 25	4 34	22 38	1 14	15 43	6 51	13 9	0 43	11 53	1 19	19 29	1 52	4 3	0 45	22 58	0 36	3 49	10 24	22 44	22 35	0 50			n.a.
S 13	23 1	8 11	4 59	22 9	1 6	15 38	7 1	12 53	0 42	11 49	1 19	19 30	1 52	4 3	0 45	22 58	0 36	3 49	10 24	22 43	22 34	0 52			n.a.
S 14	22 54	3 41	5 11	21 39	0 57	15 34	7 10	12 37	0 41	11 44	1 19	19 31	1 52	4 3	0 45	22 59	0 36	3 49	10 24	22 42	22 34	0 55			n.a.
M15	22 47	0s54	5 9	21 7	0 47	15 30	7 18	12 21	0 40	11 40	1 18	19 33	1 52	4 3	0 45	22 59	0 36	3 49	10 24	22 42	22 33	0 57			n.a.
T 16	22 39	5 26	4 54	20 33	0 36	15 27	7 26	12 4	0 40	11 35	1 18	19 34	1 52	4 4	0 46	22 59	0 36	3 49	10 24	22 41	22 33	1 0			n.a.
W17	22 31	9 46	4 26	19 59	0 25	15 25	7 33	11 48	0 39	11 30	1 18	19 35	1 53	4 4	0 46	22 59	0 36	3 50	10 25	22 41	22 33	1 2			n.a.
T 18	22 23	13 47	3 47	19 23	0 13	15 23	7 38	11 32	0 38	11 26	1 18	19 37	1 53	4 4	0 46	22 59	0 36	3 50	10 25	22 41	22 32	1 5			n.a.
F 19	22 14	17 18	2 57	18 48	0 0	15 22	7 43	11 15	0 37	11 21	1 18	19 38	1 53	4 5	0 46	22 59	0 36	3 50	10 25	22 41	22 32	1 7			n.a.
S 20	22 4	20 7	1 57	18 12	0n13	15 21	7 47	10 58	0 36	11 16	1 18	19 39	1 53	4 5	0 46	22 59	0 36	3 50	10 25	22 42	22 31	1 10			n.a.
S 21	21 54	22 2	0 50	17 36	0 27	15 21	7 50	10 42	0 36	11 12	1 17	19 41	1 53	4 5	0 46	22 59	0 36	3 50	10 26	22 42	22 31	1 12			n.a.
M22	21 44	22 48	0n21	17 0	0 41	15 22	7 53	10 25	0 35	11 7	1 17	19 42	1 53	4 6	0 46	23 0	0 36	3 50	10 26	22 42	22 30	1 15			n.a.
T 23	21 33	22 15	1 34	16 25	0 56	15 23	7 54	10 8	0 34	11 2	1 17	19 43	1 53	4 6	0 46	23 0	0 36	3 50	10 26	22 42	22 30	1 17			n.a.
W24	21 22	20 19	2 42	15 52	1 11	15 25	7 55	9 51	0 33	10 57	1 17	19 45	1 54	4 7	0 46	23 0	0 36	3 50	10 26	22 41	22 29	1 20			n.a.
T 25	21 11	17 5	3 42	15 20	1 26	15 28	7 54	9 34	0 33	10 52	1 17	19 46	1 54	4 7	0 46	23 0	0 36	3 50	10 27	22 41	22 29	1 23			n.a.
F 26	20 59	12 45	4 29	14 51	1 42	15 31	7 53	9 17	0 32	10 47	1 17	19 48	1 54	4 7	0 46	23 0	0 36	3 50	10 27	22 40	22 29	1 25			n.a.
S 27	20 47	7 37	4 58	14 23	1 57	15 34	7 51	9 0	0 31	10 42	1 17	19 49	1 54	4 8	0 46	23 0	0 36	3 50	10 27	22 39	22 28	1 28			n.a.
S 28	20 35	2 4	5 8	13 59	2 12	15 38	7 49	8 43	0 30	10 38	1 16	19 50	1 54	4 8	0 46	23 0	0 36	3 50	10 27	22 38	22 28	1 30			n.a.
M29	20 22	3n34	4 57	13 37	2 27	15 43	7 46	8 26	0 29	10 33	1 16	19 52	1 54	4 9	0 46	23 0	0 36	3 50	10 28	22 37	22 27	1 33			n.a.
T 30	20 8	8 56	4 27	13 19	2 41	15 47	7 42	8 9	0 29	10 28	1 16	19 53	1 54	4 10	0 46	23 0	0 36	3 50	10 28	22 36	22 27	1 35			n.a.
W31	19s55	13n43	3n42	13s 4	2n54	15s53	7n38	7s51	0s28	10s22	1s16	19n54	1n54	4n10	0n46	23s 1	0n36	3s50	10n28	22s36	22s26	1s38			n.a.

Julian Day Number = 1368226.5, Delta T = 06h52m58s
Ecliptic obliquity = 23°48'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°25'33, Lahiri = -17°18'33 Julian Calendar 1 Jan. 967 BCE == Greg. Calendar 23 Dec. 968 BCE

The year -966 astronomical counting style corresponds to year 967 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 967 BCE
geocentric

FEBRUARY 967 BCE (-966) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 6 11	3♒28'11	10♉ 7	17°R28	9°R 0	12♓ 2	6♓53	9°R43	21°R22	22♐52	5♏57	12♐12	10♐57	22♍41	n.a.	T 1
F 2	8 10 7	4°28'01	23°42	17♒17	8♑52	12°45	7° 6	9♌38	21♍20	22°54	5°58	12°13	10°53	22°48	n.a.	F 2
S 3	8 14 4	5°27'48	7♊ 1	16°58	8°46	13°28	7°20	9°33	21°19	22°56	5°58	12°R14	10°50	22°54	n.a.	S 3
S 4	8 18 0	6°27'33	20° 6	16°30	8°43	14°11	7°33	9°29	21°17	22°58	5°59	12°13	10°47	23° 1	n.a.	S 4
M 5	8 21 57	7°27'16	2♋58	15°56	8°D42	14°54	7°46	9°24	21°16	22°59	5°59	12°11	10°44	23° 8	n.a.	M 5
T 6	8 25 54	8°26'57	15°39	15°15	8°44	15°36	8° 0	9°19	21°14	23° 1	5°59	12° 7	10°41	23°15	n.a.	T 6
W 7	8 29 50	9°26'35	28°10	14°29	8°48	16°19	8°13	9°14	21°13	23° 3	6° 0	11°59	10°37	23°21	n.a.	W 7
T 8	8 33 47	10°26'11	10♌32	13°39	8°54	17° 2	8°27	9°10	21°11	23° 5	6° 0	11°50	10°34	23°28	n.a.	T 8
F 9	8 37 43	11°25'45	22°45	12°46	9° 3	17°44	8°40	9° 5	21° 9	23° 6	6° 0	11°39	10°31	23°35	n.a.	F 9
S 10	8 41 40	12°25'17	4♍50	11°50	9°14	18°27	8°54	9° 0	21° 7	23° 8	6° 1	11°27	10°28	23°41	n.a.	S 10
S 11	8 45 36	13°24'46	16°48	10°55	9°27	19° 9	9° 7	8°56	21° 6	23°10	6° 1	11°16	10°25	23°48	n.a.	S 11
M12	8 49 33	14°24'14	28°41	9°59	9°41	19°51	9°21	8°51	21° 4	23°11	6° 1	11° 6	10°22	23°55	n.a.	M12
T 13	8 53 29	15°23'39	10♎32	9° 6	9°58	20°34	9°35	8°46	21° 2	23°13	6° 1	10°58	10°18	24° 2	n.a.	T 13
W14	8 57 26	16°23'03	22°24	8°15	10°17	21°16	9°48	8°41	21° 0	23°14	6° 1	10°52	10°15	24° 8	n.a.	W14
T 15	9 1 23	17°22'25	4♏22	7°27	10°38	21°58	10° 2	8°37	20°58	23°16	6° 1	10°49	10°12	24°15	n.a.	T 15
F 16	9 5 19	18°21'45	16°30	6°44	11° 1	22°41	10°16	8°32	20°56	23°17	6°R 1	10°D49	10° 9	24°22	n.a.	F 16
S 17	9 9 16	19°21'03	28°53	6° 6	11°25	23°23	10°30	8°28	20°54	23°19	6° 1	10°49	10° 6	24°29	n.a.	S 17
S 18	9 13 12	20°20'19	11♐36	5°32	11°51	24° 5	10°44	8°23	20°52	23°20	6° 1	10°R49	10° 2	24°35	n.a.	S 18
M19	9 17 9	21°19'33	24°45	5° 5	12°19	24°47	10°58	8°19	20°50	23°22	6° 1	10°48	9°59	24°42	n.a.	M19
T 20	9 21 5	22°18'46	8♑21	4°43	12°48	25°29	11°12	8°14	20°48	23°23	6° 1	10°45	9°56	24°49	n.a.	T 20
W21	9 25 2	23°17'56	22°27	4°27	13°19	26°11	11°26	8°10	20°46	23°24	6° 1	10°40	9°53	24°55	n.a.	W21
T 22	9 28 58	24°17'04	6♒59	4°17	13°51	26°53	11°40	8° 5	20°43	23°26	6° 1	10°32	9°50	25° 2	n.a.	T 22
F 23	9 32 55	25°16'11	21°54	4°D12	14°25	27°35	11°54	8° 1	20°41	23°27	6° 0	10°22	9°47	25° 9	n.a.	F 23
S 24	9 36 51	26°15'15	7♓ 1	4°13	15° 0	28°17	12° 8	7°56	20°39	23°28	6° 0	10°11	9°43	25°16	n.a.	S 24
S 25	9 40 48	27°14'16	22°11	4°20	15°36	28°59	12°22	7°52	20°37	23°30	6° 0	10° 1	9°40	25°22	n.a.	S 25
M26	9 44 45	28°13'16	7♈13	4°32	16°14	29°41	12°36	7°48	20°34	23°31	5°59	9°52	9°37	25°29	n.a.	M26
T 27	9 48 41	29°12'13	21°58	4°49	16°52	0♈23	12°50	7°43	20°32	23°32	5°59	9°45	9°34	25°36	n.a.	T 27
W28	9 52 38	0♓11'08	6♉22	5♒11	17♑32	1♈ 5	13♓ 4	7♌39	20♍30	23♐33	5♏59	9♐41	9♐31	25♍42	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s41	17n40	2n44	12s53	3n 6	15s58	7n33	7s34	0s27	10s17	1s16	19n56	1n55	4n11	0n46	23s 1	0n36	3s50	10n28	22s36	22s26	1s40		n.a.
F 2	19 26	20 34	1 38	12 46	3 18	16 4	7 27	7 17	0 26	10 12	1 16	19 57	1 55	4 11	0 46	23 1	0 36	3 50	10 29	22 36	22 25	1 43		n.a.
S 3	19 12	22 17	0 28	12 42	3 27	16 10	7 22	6 59	0 26	10 7	1 16	19 59	1 55	4 12	0 46	23 1	0 36	3 49	10 29	22 37	22 25	1 45		n.a.
S 4	18 57	22 44	0s42	12 42	3 36	16 17	7 15	6 42	0 25	10 2	1 16	20 0	1 55	4 13	0 46	23 1	0 36	3 49	10 29	22 36	22 25	1 48		n.a.
M 5	18 41	21 58	1 49	12 46	3 42	16 23	7 9	6 25	0 24	9 57	1 15	20 1	1 55	4 13	0 46	23 1	0 36	3 49	10 30	22 36	22 24	1 50		n.a.
T 6	18 26	20 5	2 49	12 54	3 47	16 30	7 2	6 7	0 23	9 52	1 15	20 3	1 55	4 14	0 46	23 1	0 36	3 49	10 30	22 36	22 24	1 53		n.a.
W 7	18 10	17 15	3 40	13 4	3 50	16 37	6 55	5 50	0 23	9 47	1 15	20 4	1 55	4 15	0 46	23 1	0 36	3 49	10 30	22 35	22 23	1 55		n.a.
T 8	17 54	13 42	4 20	13 18	3 51	16 44	6 47	5 32	0 22	9 41	1 15	20 5	1 55	4 15	0 46	23 1	0 36	3 49	10 30	22 33	22 23	1 58		n.a.
F 9	17 37	9 38	4 47	13 34	3 50	16 51	6 39	5 15	0 21	9 36	1 15	20 7	1 55	4 16	0 46	23 1	0 36	3 49	10 31	22 32	22 22	2 0		n.a.
S 10	17 20	5 13	5 1	13 52	3 47	16 58	6 32	4 57	0 20	9 31	1 15	20 8	1 55	4 17	0 46	23 1	0 36	3 49	10 31	22 30	22 22	2 3		n.a.
S 11	17 3	0 40	5 2	14 12	3 42	17 6	6 23	4 40	0 20	9 25	1 15	20 9	1 55	4 17	0 46	23 2	0 36	3 48	10 31	22 29	22 21	2 5		n.a.
M12	16 46	3s53	4 49	14 34	3 36	17 13	6 15	4 22	0 19	9 20	1 15	20 11	1 55	4 18	0 46	23 2	0 36	3 48	10 31	22 27	22 21	2 8		n.a.
T 13	16 28	8 16	4 24	14 56	3 27	17 20	6 7	4 4	0 18	9 15	1 15	20 12	1 56	4 19	0 46	23 2	0 36	3 48	10 32	22 26	22 20	2 10		n.a.
W14	16 10	12 22	3 48	15 18	3 17	17 27	5 58	3 47	0 18	9 9	1 15	20 13	1 56	4 20	0 46	23 2	0 36	3 48	10 32	22 25	22 20	2 13		n.a.
T 15	15 52	16 0	3 1	15 41	3 6	17 34	5 50	3 29	0 17	9 4	1 14	20 15	1 56	4 21	0 46	23 2	0 36	3 47	10 32	22 25	22 19	2 15		n.a.
F 16	15 34	19 2	2 6	16 4	2 54	17 41	5 41	3 12	0 16	8 59	1 14	20 16	1 56	4 21	0 46	23 2	0 36	3 47	10 32	22 25	22 19	2 18		n.a.
S 17	15 15	21 15	1 3	16 26	2 41	17 47	5 32	2 54	0 15	8 53	1 14	20 17	1 56	4 22	0 46	23 2	0 36	3 47	10 33	22 25	22 18	2 20		n.a.
S 18	14 56	22 27	0n 4	16 48	2 28	17 54	5 24	2 37	0 15	8 48	1 14	20 18	1 56	4 23	0 46	23 2	0 36	3 47	10 33	22 25	22 18	2 23		n.a.
M19	14 37	22 29	1 13	17 8	2 13	18 0	5 15	2 19	0 14	8 42	1 14	20 20	1 56	4 24	0 46	23 2	0 36	3 46	10 33	22 25	22 18	2 25		n.a.
T 20	14 17	21 12	2 21	17 28	1 59	18 6	5 6	2 1	0 13	8 37	1 14	20 21	1 56	4 25	0 47	23 2	0 36	3 46	10 33	22 24	22 17	2 28		n.a.
W21	13 58	18 36	3 22	17 46	1 44	18 12	4 57	1 44	0 13	8 32	1 14	20 22	1 56	4 26	0 47	23 2	0 36	3 46	10 34	22 24	22 17	2 30		n.a.
T 22	13 38	14 45	4 12	18 3	1 29	18 18	4 49	1 26	0 12	8 26	1 14	20 23	1 56	4 27	0 47	23 2	0 36	3 46	10 34	22 22	22 16	2 33		n.a.
F 23	13 18	9 55	4 46	18 18	1 14	18 23	4 40	1 9	0 11	8 21	1 14	20 25	1 56	4 27	0 47	23 2	0 36	3 45	10 34	22 21	22 16	2 35		n.a.
S 24	12 58	4 26	5 1	18 32	1 0	18 28	4 31	0 51	0 10	8 15	1 14	20 26	1 56	4 28	0 47	23 2	0 36	3 45	10 34	22 19	22 15	2 38		n.a.
S 25	12 37	1n21	4 54	18 44	0 46	18 32	4 22	0 33	0 10	8 9	1 14	20 27	1 56	4 29	0 47	23 2	0 36	3 45	10 35	22 18	22 15	2 40		n.a.
M26	12 17	6 59	4 28	18 55	0 32	18 37	4 14	0 16	0 9	8 4	1 14	20 28	1 56	4 30	0 47	23 3	0 36	3 44	10 35	22 16	22 14	2 43		n.a.
T 27	11 56	12 8	3 44	19 4	0 18	18 41	4 5	0n 2	0 8	7 58	1 14	20 29	1 56	4 31	0 47	23 3	0 36	3 44	10 35	22 15	22 14	2 45		n.a.
W28	11s35	16n27	2n46	19s12	0n 5	18s44	3n56	0n19	0s 8	7s53	1s14	20n30	1n56	4n32	0n47	23s 3	0n36	3s44	10n35	22s15	22s13	2s48		n.a.

Julian Day Number = 1368257.5, Delta T = 06h52m56s
Ecliptic obliquity = 23°48'35, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°25'29, Lahiri = -17°18'29 Julian Calendar 1 Feb. 967 BCE == Greg. Calendar 23 Jan. 967 BCE

The year -966 astronomical counting style corresponds to year 967 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 967 BCE
geocentric

MARCH 967 BCE (-966) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 56 34	1♓10'00	20♉21	5♒37	18♑13	1♈46	13♓18	7°R35	20°R28	23♐34	5°R58	9°R39	9♐28	25♍49	n.a.	T 1
F 2	10 0 31	2° 8'50	3♊56	6° 8	18°54	2°28	13°33	7♌31	20♍25	23°36	5♏58	9♐39	9°24	25°56	n.a.	F 2
S 3	10 4 27	3° 7'38	17° 9	6°43	19°37	3°10	13°47	7°27	20°23	23°37	5°57	9°39	9°21	26° 3	n.a.	S 3
S 4	10 8 24	4° 6'23	0♋ 3	7°22	20°21	3°51	14° 1	7°23	20°20	23°38	5°57	9°38	9°18	26° 9	n.a.	S 4
M 5	10 12 20	5° 5'06	12°41	8° 5	21° 6	4°33	14°15	7°19	20°18	23°39	5°56	9°35	9°15	26°16	n.a.	M 5
T 6	10 16 17	6° 3'46	25° 7	8°51	21°51	5°14	14°29	7°15	20°15	23°40	5°56	9°29	9°12	26°23	n.a.	T 6
W 7	10 20 14	7° 2'24	7♌24	9°41	22°38	5°56	14°44	7°11	20°13	23°41	5°55	9°20	9° 8	26°29	n.a.	W 7
T 8	10 24 10	8° 1'00	19°33	10°34	23°25	6°37	14°58	7° 8	20°11	23°42	5°55	9° 8	9° 5	26°36	n.a.	T 8
F 9	10 28 7	8°59'34	1♍35	11°30	24°13	7°19	15°12	7° 4	20° 8	23°42	5°54	8°55	9° 2	26°43	n.a.	F 9
S 10	10 32 3	9°58'05	13°33	12°29	25° 2	8° 0	15°26	7° 1	20° 6	23°43	5°53	8°40	8°59	26°50	n.a.	S 10
S 11	10 36 0	10°56'35	25°27	13°30	25°51	8°41	15°41	6°57	20° 3	23°44	5°53	8°27	8°56	26°56	n.a.	S 11
M12	10 39 56	11°55'03	7♎19	14°35	26°42	9°23	15°55	6°54	20° 1	23°45	5°52	8°14	8°53	27° 3	n.a.	M12
T 13	10 43 53	12°53'28	19°10	15°42	27°33	10° 4	16° 9	6°50	19°58	23°46	5°51	8° 4	8°49	27°10	n.a.	T 13
W14	10 47 49	13°51'52	1♏ 4	16°51	28°24	10°45	16°24	6°47	19°55	23°46	5°50	7°57	8°46	27°16	n.a.	W14
T 15	10 51 46	14°50'14	13° 2	18° 3	29°16	11°26	16°38	6°44	19°53	23°47	5°49	7°52	8°43	27°23	n.a.	T 15
F 16	10 55 42	15°48'35	25°10	19°17	0♒ 9	12° 7	16°52	6°41	19°50	23°48	5°49	7°50	8°40	27°30	n.a.	F 16
S 17	10 59 39	16°46'54	7♐32	20°34	1° 3	12°48	17° 7	6°38	19°48	23°49	5°48	7°D50	8°37	27°37	n.a.	S 17
S 18	11 3 36	17°45'11	20°12	21°52	1°57	13°29	17°21	6°35	19°45	23°49	5°47	7°R50	8°34	27°43	n.a.	S 18
M19	11 7 32	18°43'26	3♑15	23°13	2°51	14°10	17°35	6°32	19°43	23°50	5°46	7°49	8°30	27°50	n.a.	M19
T 20	11 11 29	19°41'40	16°46	24°36	3°46	14°51	17°49	6°29	19°40	23°50	5°45	7°47	8°27	27°57	n.a.	T 20
W21	11 15 25	20°39'52	0♒46	26° 1	4°42	15°32	18° 4	6°26	19°38	23°51	5°44	7°42	8°24	28° 3	n.a.	W21
T 22	11 19 22	21°38'03	15°15	27°28	5°38	16°13	18°18	6°23	19°35	23°51	5°43	7°35	8°21	28°10	n.a.	T 22
F 23	11 23 18	22°36'12	0♓ 9	28°56	6°34	16°54	18°32	6°21	19°32	23°52	5°42	7°26	8°18	28°17	n.a.	F 23
S 24	11 27 15	23°34'19	15°21	0♓27	7°31	17°35	18°47	6°18	19°30	23°52	5°41	7°15	8°14	28°24	n.a.	S 24
S 25	11 31 11	24°32'24	0♈40	2° 0	8°28	18°16	19° 1	6°16	19°27	23°53	5°40	7° 5	8°11	28°30	n.a.	S 25
M26	11 35 8	25°30'28	15°55	3°34	9°26	18°56	19°15	6°14	19°25	23°53	5°39	6°56	8° 8	28°37	n.a.	M26
T 27	11 39 4	26°28'30	0♉55	5°11	10°24	19°37	19°29	6°12	19°22	23°53	5°37	6°50	8° 5	28°44	n.a.	T 27
W28	11 43 1	27°26'29	15°32	6°49	11°23	20°18	19°44	6°10	19°20	23°54	5°36	6°46	8° 2	28°50	n.a.	W28
T 29	11 46 58	28°24'27	29°42	8°29	12°22	20°58	19°58	6° 8	19°17	23°54	5°35	6°44	7°59	28°57	n.a.	T 29
F 30	11 50 54	29°22'23	13♊25	10°11	13°21	21°39	20°12	6° 6	19°15	23°54	5°34	6°D44	7°55	29° 4	n.a.	F 30
S 31	11 54 51	0♈20'17	26♊42	11♓55	14♒21	22♈20	20♓26	6♌ 4	19♍12	23♐54	5♏33	6°R44	7♐52	29♍11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s14	19n43	1n40	19s17	0s 8	18s47	3n48	0n37	0s 7	7s47	1s13	20n31	1n56	4n33	0n47	23s 3	0n36	3s43	10n36	22s15	22s13	2s50			n.a.
F 2	10 52	21 45	0 30	19 22	0 20	18 50	3 39	0 54	0 6	7 42	1 13	20 32	1 56	4 34	0 47	23 3	0 36	3 43	10 36	22 15	22 12	2 52			n.a.
S 3	10 31	22 31	0s40	19 24	0 32	18 52	3 31	1 11	0 6	7 36	1 13	20 33	1 56	4 35	0 47	23 3	0 36	3 43	10 36	22 14	22 12	2 55			n.a.
S 4	10 9	22 3	1 46	19 25	0 44	18 54	3 23	1 29	0 5	7 30	1 13	20 34	1 56	4 36	0 47	23 3	0 36	3 42	10 36	22 14	22 11	2 57			n.a.
M 5	9 48	20 27	2 45	19 24	0 54	18 56	3 14	1 46	0 4	7 25	1 13	20 35	1 56	4 37	0 47	23 3	0 36	3 42	10 36	22 14	22 11	3 0			n.a.
T 6	9 26	17 55	3 35	19 22	1 5	18 57	3 6	2 3	0 4	7 19	1 13	20 36	1 56	4 38	0 47	23 3	0 36	3 41	10 37	22 13	22 10	3 2			n.a.
W 7	9 4	14 36	4 15	19 18	1 14	18 57	2 58	2 21	0 3	7 14	1 13	20 37	1 56	4 39	0 47	23 3	0 36	3 41	10 37	22 12	22 10	3 5			n.a.
T 8	8 42	10 43	4 42	19 12	1 23	18 57	2 50	2 38	0 2	7 8	1 13	20 38	1 56	4 40	0 47	23 3	0 36	3 41	10 37	22 10	22 9	3 7			n.a.
F 9	8 19	6 27	4 57	19 4	1 32	18 57	2 42	2 55	0 2	7 2	1 13	20 39	1 56	4 41	0 47	23 3	0 36	3 40	10 37	22 8	22 9	3 10			n.a.
S 10	7 57	1 59	4 58	18 55	1 40	18 56	2 34	3 12	0 1	6 57	1 13	20 40	1 56	4 42	0 47	23 3	0 36	3 40	10 38	22 5	22 8	3 12			n.a.
S 11	7 34	2s32	4 47	18 44	1 47	18 54	2 26	3 29	0 0	6 51	1 13	20 41	1 56	4 43	0 47	23 3	0 36	3 39	10 38	22 3	22 8	3 15			n.a.
M12	7 12	6 57	4 22	18 32	1 54	18 53	2 19	3 47	0n 0	6 45	1 13	20 42	1 55	4 44	0 47	23 3	0 37	3 39	10 38	22 1	22 7	3 17			n.a.
T 13	6 49	11 6	3 47	18 17	2 0	18 50	2 11	4 4	0 1	6 40	1 13	20 43	1 55	4 45	0 47	23 3	0 37	3 38	10 38	22 0	22 7	3 20			n.a.
W14	6 27	14 51	3 1	18 2	2 6	18 47	2 3	4 21	0 2	6 34	1 13	20 43	1 55	4 46	0 47	23 3	0 37	3 38	10 38	21 58	22 6	3 22			n.a.
T 15	6 4	18 0	2 7	17 44	2 11	18 44	1 56	4 37	0 2	6 28	1 13	20 44	1 55	4 47	0 47	23 3	0 37	3 38	10 39	21 58	22 6	3 24			n.a.
F 16	5 41	20 26	1 7	17 25	2 16	18 40	1 49	4 54	0 3	6 23	1 13	20 45	1 55	4 48	0 47	23 3	0 37	3 37	10 39	21 57	22 5	3 27			n.a.
S 17	5 18	21 56	0 2	17 4	2 20	18 35	1 42	5 11	0 3	6 17	1 13	20 46	1 55	4 49	0 47	23 3	0 37	3 37	10 39	21 57	22 5	3 29			n.a.
S 18	4 55	22 22	1n 5	16 41	2 23	18 30	1 34	5 28	0 4	6 11	1 13	20 46	1 55	4 50	0 47	23 3	0 37	3 36	10 39	21 57	22 4	3 32			n.a.
M19	4 32	21 36	2 10	16 17	2 26	18 24	1 28	5 45	0 5	6 6	1 13	20 47	1 55	4 51	0 47	23 3	0 37	3 36	10 39	21 57	22 4	3 34			n.a.
T 20	4 8	19 35	3 11	15 51	2 29	18 18	1 21	6 1	0 5	6 0	1 13	20 48	1 55	4 52	0 47	23 3	0 37	3 35	10 39	21 57	22 3	3 37			n.a.
W21	3 45	16 22	4 2	15 24	2 30	18 12	1 14	6 18	0 6	5 54	1 13	20 48	1 55	4 53	0 47	23 3	0 37	3 35	10 40	21 56	22 3	3 39			n.a.
T 22	3 22	12 4	4 39	14 55	2 32	18 4	1 7	6 35	0 7	5 49	1 13	20 49	1 55	4 54	0 47	23 3	0 37	3 34	10 40	21 55	22 2	3 41			n.a.
F 23	2 59	6 56	4 59	14 24	2 32	17 57	1 1	6 51	0 7	5 43	1 13	20 49	1 55	4 55	0 47	23 3	0 37	3 34	10 40	21 53	22 2	3 44			n.a.
S 24	2 35	1 17	4 58	13 51	2 32	17 48	0 54	7 7	0 8	5 37	1 13	20 50	1 55	4 56	0 47	23 3	0 37	3 33	10 40	21 51	22 1	3 46			n.a.
S 25	2 12	4n29	4 37	13 17	2 32	17 39	0 48	7 24	0 8	5 32	1 13	20 51	1 55	4 57	0 47	23 3	0 37	3 33	10 40	21 50	22 1	3 49			n.a.
M26	1 49	9 58	3 55	12 41	2 31	17 30	0 41	7 40	0 9	5 26	1 13	20 51	1 55	4 58	0 47	23 3	0 37	3 32	10 40	21 48	22 0	3 51			n.a.
T 27	1 25	14 44	2 58	12 4	2 29	17 20	0 35	7 56	0 10	5 20	1 13	20 52	1 54	4 59	0 47	23 3	0 37	3 32	10 41	21 47	22 0	3 54			n.a.
W28	1 2	18 30	1 50	11 25	2 27	17 10	0 29	8 12	0 10	5 14	1 13	20 52	1 54	5 0	0 47	23 3	0 37	3 31	10 41	21 46	21 59	3 56			n.a.
T 29	0 39	21 0	0 37	10 44	2 24	16 59	0 23	8 29	0 11	5 9	1 13	20 52	1 54	5 1	0 47	23 3	0 37	3 31	10 41	21 46	21 59	3 58			n.a.
F 30	0 15	22 11	0s36	10 2	2 21	16 47	0 18	8 45	0 11	5 3	1 13	20 53	1 54	5 2	0 47	23 3	0 37	3 30	10 41	21 46	21 58	4 1			n.a.
S 31	0n 8	22n 2	1s44	9s19	2s17	16s35	0n12	9n 0	0n12	4s58	1s13	20n53	1n54	5n 3	0n47	23s 3	0n37	3s30	10n41	21s46	21s58	4s 3			n.a.

Julian Day Number = 1368285.5, Delta T = 06h52m55s
Ecliptic obliquity = 23°48'35, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°25'25, Lahiri = -17°18'25 Julian Calendar 1 March 967 BCE == Greg. Calendar 20 Feb. 967 BCE

The year -966 astronomical counting style corresponds to year 967 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 967 BCE
geocentric

APRIL 967 BCE (-966) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 58 47	1♈18'09	9♋35	13♓41	15♒21	23♈ 0	20♓40	6°R 2	19°R10	23♐54	5°R31	6°R44	7♐49	29♍17	n.a.	S 1
M 2	12 2 44	2°15'59	22°10	15°28	16°21	23°41	20°55	6♌ 0	19♍ 7	23°54	5♏30	6♐42	7°46	29°24	n.a.	M 2
T 3	12 6 40	3°13'47	4♌30	17°18	17°21	24°21	21° 9	5°59	19° 5	23°55	5°29	6°38	7°43	29°31	n.a.	T 3
W 4	12 10 37	4°11'33	16°38	19°10	18°22	25° 1	21°23	5°58	19° 2	23°55	5°28	6°31	7°39	29°37	n.a.	W 4
T 5	12 14 33	5° 9'18	28°39	21° 3	19°23	25°42	21°37	5°56	19° 0	23°R55	5°26	6°23	7°36	29°44	n.a.	T 5
F 6	12 18 30	6° 7'01	10♍35	22°58	20°25	26°22	21°51	5°55	18°57	23°55	5°25	6°12	7°33	29°51	n.a.	F 6
S 7	12 22 27	7° 4'42	22°28	24°55	21°27	27° 2	22° 5	5°54	18°55	23°55	5°24	6° 1	7°30	29°58	n.a.	S 7
S 8	12 26 23	8° 2'21	4♎20	26°54	22°29	27°43	22°19	5°53	18°53	23°55	5°22	5°50	7°27	0♎ 4	n.a.	S 8
M 9	12 30 20	9° 0'00	16°13	28°55	23°31	28°23	22°33	5°52	18°50	23°54	5°21	5°40	7°24	0°11	n.a.	M 9
T 10	12 34 16	9°57'36	28° 7	0♈57	24°33	29° 3	22°47	5°51	18°48	23°54	5°19	5°32	7°20	0°18	n.a.	T 10
W11	12 38 13	10°55'12	10♏ 5	3° 1	25°36	29°43	23° 1	5°50	18°46	23°54	5°18	5°27	7°17	0°24	n.a.	W11
T 12	12 42 9	11°52'46	22°10	5° 7	26°39	0♉23	23°15	5°50	18°43	23°54	5°17	5°24	7°14	0°31	n.a.	T 12
F 13	12 46 6	12°50'19	4♐24	7°14	27°43	1° 3	23°29	5°49	18°41	23°54	5°15	5°D23	7°11	0°38	n.a.	F 13
S 14	12 50 2	13°47'51	16°50	9°22	28°46	1°44	23°42	5°49	18°39	23°53	5°14	5°23	7° 8	0°45	n.a.	S 14
S 15	12 53 59	14°45'22	29°32	11°31	29°50	2°24	23°56	5°48	18°37	23°53	5°12	5°24	7° 5	0°51	n.a.	S 15
M16	12 57 55	15°42'52	12♑34	13°41	0♓54	3° 4	24°10	5°48	18°35	23°53	5°11	5°R25	7° 1	0°58	n.a.	M16
T 17	13 1 52	16°40'21	26° 0	15°52	1°58	3°44	24°24	5°48	18°32	23°52	5° 9	5°25	6°58	1° 5	n.a.	T 17
W18	13 5 49	17°37'49	9♒52	18° 3	3° 2	4°23	24°37	5°D48	18°30	23°52	5° 8	5°23	6°55	1°11	n.a.	W18
T 19	13 9 45	18°35'16	24°11	20°15	4° 7	5° 3	24°51	5°48	18°28	23°52	5° 6	5°19	6°52	1°18	n.a.	T 19
F 20	13 13 42	19°32'42	8♓53	22°26	5°11	5°43	25° 5	5°48	18°26	23°51	5° 5	5°13	6°49	1°25	n.a.	F 20
S 21	13 17 38	20°30'07	23°53	24°37	6°16	6°23	25°18	5°49	18°24	23°51	5° 3	5° 7	6°45	1°32	n.a.	S 21
S 22	13 21 35	21°27'31	9♈ 4	26°48	7°21	7° 3	25°32	5°49	18°22	23°50	5° 2	5° 1	6°42	1°38	n.a.	S 22
M23	13 25 31	22°24'54	24°15	28°57	8°27	7°43	25°45	5°49	18°20	23°50	5° 0	4°55	6°39	1°45	n.a.	M23
T 24	13 29 28	23°22'17	9♉16	1♉ 5	9°32	8°22	25°59	5°50	18°18	23°49	4°59	4°51	6°36	1°52	n.a.	T 24
W25	13 33 24	24°19'38	23°58	3°12	10°38	9° 2	26°12	5°51	18°16	23°48	4°57	4°49	6°33	1°58	n.a.	W25
T 26	13 37 21	25°16'58	8♊16	5°17	11°43	9°42	26°26	5°52	18°14	23°48	4°55	4°D48	6°30	2° 5	n.a.	T 26
F 27	13 41 18	26°14'17	22° 7	7°21	12°49	10°22	26°39	5°52	18°12	23°47	4°54	4°49	6°26	2°12	n.a.	F 27
S 28	13 45 14	27°11'35	5♋30	9°22	13°55	11° 1	26°52	5°53	18°11	23°47	4°52	4°51	6°23	2°19	n.a.	S 28
S 29	13 49 11	28° 8'51	18°29	11°21	15° 1	11°41	27° 5	5°55	18° 9	23°46	4°51	4°52	6°20	2°25	n.a.	S 29
M30	13 53 7	29♈ 6'07	1♌ 6	13♉18	16♓ 8	12♉20	27♓19	5♌56	18♍ 7	23♐45	4♏49	4°R52	6♐17	2♎32	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n32	20n42	2s45	8s33	2s13	16s23	0n 6	9n16	0n13	4s52	1s13	20n53	1n54	5n 4	0n47	23s 3	0n37	3s29	10n41	21s46	21s57	4s 6		n.a.
M 2	0 55	18 23	3 37	7 46	2 8	16 10	0 1	9 32	0 13	4 46	1 13	20 54	1 54	5 5	0 47	23 3	0 37	3 29	10 41	21 46	21 57	4 8		n.a.
T 3	1 18	15 16	4 18	6 58	2 3	15 57	0s 5	9 48	0 14	4 41	1 13	20 54	1 54	5 6	0 47	23 3	0 37	3 28	10 41	21 45	21 56	4 11		n.a.
W 4	1 41	11 33	4 46	6 8	1 57	15 43	0 10	10 3	0 14	4 35	1 13	20 54	1 54	5 7	0 47	23 3	0 37	3 28	10 42	21 44	21 56	4 13		n.a.
T 5	2 5	7 26	5 1	5 17	1 50	15 28	0 15	10 19	0 15	4 29	1 13	20 55	1 54	5 8	0 47	23 3	0 37	3 27	10 42	21 42	21 55	4 15		n.a.
F 6	2 28	3 3	5 3	4 24	1 43	15 13	0 20	10 34	0 16	4 24	1 13	20 55	1 53	5 9	0 47	23 3	0 37	3 27	10 42	21 41	21 54	4 18		n.a.
S 7	2 51	1s25	4 51	3 30	1 36	14 58	0 25	10 50	0 16	4 18	1 13	20 55	1 53	5 10	0 47	23 3	0 37	3 26	10 42	21 39	21 54	4 20		n.a.
S 8	3 14	5 50	4 27	2 35	1 28	14 42	0 30	11 5	0 17	4 13	1 13	20 55	1 53	5 11	0 47	23 3	0 37	3 26	10 42	21 37	21 53	4 23		n.a.
M 9	3 37	10 2	3 52	1 39	1 19	14 26	0 34	11 20	0 17	4 7	1 13	20 55	1 53	5 12	0 47	23 3	0 37	3 25	10 42	21 35	21 53	4 25		n.a.
T 10	4 0	13 51	3 6	0 41	1 10	14 9	0 39	11 35	0 18	4 1	1 13	20 55	1 53	5 12	0 46	23 3	0 37	3 25	10 42	21 34	21 52	4 27		n.a.
W11	4 23	17 9	2 11	0n17	1 1	13 52	0 43	11 50	0 18	3 56	1 13	20 55	1 53	5 13	0 46	23 3	0 37	3 24	10 42	21 33	21 52	4 30		n.a.
T 12	4 46	19 44	1 10	1 16	0 52	13 34	0 47	12 5	0 19	3 50	1 13	20 55	1 53	5 14	0 46	23 3	0 37	3 24	10 42	21 32	21 51	4 32		n.a.
F 13	5 9	21 26	0 5	2 17	0 42	13 16	0 52	12 20	0 20	3 45	1 13	20 55	1 53	5 15	0 46	23 3	0 37	3 23	10 42	21 32	21 51	4 34		n.a.
S 14	5 31	22 8	1n 1	3 17	0 31	12 57	0 56	12 34	0 20	3 39	1 13	20 55	1 53	5 16	0 46	23 3	0 37	3 23	10 42	21 32	21 50	4 37		n.a.
S 15	5 54	21 42	2 6	4 18	0 21	12 38	1 0	12 49	0 21	3 34	1 13	20 55	1 52	5 17	0 46	23 3	0 37	3 22	10 42	21 32	21 50	4 39		n.a.
M16	6 17	20 6	3 7	5 19	0 11	12 19	1 4	13 3	0 21	3 28	1 13	20 55	1 52	5 18	0 46	23 3	0 37	3 22	10 42	21 32	21 49	4 42		n.a.
T 17	6 39	17 22	3 59	6 20	0 0	11 59	1 7	13 18	0 22	3 23	1 13	20 55	1 52	5 19	0 46	23 3	0 37	3 21	10 42	21 32	21 49	4 44		n.a.
W18	7 1	13 35	4 39	7 21	0n10	11 39	1 11	13 32	0 22	3 17	1 13	20 55	1 52	5 19	0 46	23 3	0 37	3 21	10 42	21 32	21 48	4 46		n.a.
T 19	7 24	8 55	5 3	8 21	0 21	11 18	1 14	13 46	0 23	3 12	1 14	20 55	1 52	5 20	0 46	23 3	0 37	3 20	10 42	21 31	21 48	4 49		n.a.
F 20	7 46	3 37	5 8	9 21	0 31	10 57	1 18	14 0	0 23	3 6	1 14	20 55	1 52	5 21	0 46	23 3	0 37	3 20	10 42	21 30	21 47	4 51		n.a.
S 21	8 8	2n 0	4 52	10 19	0 41	10 36	1 21	14 14	0 24	3 1	1 14	20 55	1 52	5 22	0 46	23 3	0 37	3 19	10 42	21 29	21 46	4 54		n.a.
S 22	8 30	7 34	4 16	11 17	0 51	10 14	1 24	14 28	0 24	2 56	1 14	20 54	1 52	5 23	0 46	23 3	0 37	3 19	10 42	21 28	21 46	4 56		n.a.
M23	8 51	12 40	3 22	12 13	1 1	9 52	1 27	14 41	0 25	2 50	1 14	20 54	1 51	5 23	0 46	23 3	0 37	3 18	10 42	21 27	21 45	4 58		n.a.
T 24	9 13	16 55	2 14	13 7	1 10	9 30	1 30	14 55	0 26	2 45	1 14	20 54	1 51	5 24	0 46	23 3	0 37	3 18	10 42	21 26	21 45	5 1		n.a.
W25	9 34	20 0	0 58	14 0	1 19	9 8	1 33	15 8	0 26	2 40	1 14	20 54	1 51	5 25	0 46	23 3	0 37	3 17	10 42	21 26	21 44	5 3		n.a.
T 26	9 56	21 43	0s19	14 51	1 27	8 45	1 36	15 22	0 27	2 34	1 14	20 53	1 51	5 26	0 46	23 3	0 37	3 17	10 42	21 26	21 44	5 5		n.a.
F 27	10 17	22 2	1 33	15 39	1 34	8 21	1 38	15 35	0 27	2 29	1 14	20 53	1 51	5 26	0 46	23 3	0 37	3 16	10 42	21 26	21 43	5 8		n.a.
S 28	10 38	21 3	2 39	16 26	1 41	7 58	1 41	15 48	0 28	2 24	1 14	20 53	1 51	5 27	0 46	23 3	0 37	3 16	10 42	21 26	21 43	5 10		n.a.
S 29	10 59	18 57	3 35	17 10	1 48	7 34	1 43	16 1	0 28	2 18	1 14	20 52	1 51	5 28	0 46	23 3	0 37	3 15	10 42	21 26	21 42	5 12		n.a.
M30	11n19	16n 0	4s19	17n52	1n53	7s10	1s45	16n14	0n29	2s13	1s14	20n52	1n51	5n28	0n46	23s 3	0n37	3s15	10n42	21s26	21s41	5s15		n.a.

Julian Day Number = 1368316.5, Delta T = 06h52m53s
Ecliptic obliquity = 23°48'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°25'21, Lahiri = -17°18'21 Julian Calendar 1 Apr. 967 BCE == Greg. Calendar 23 March 967 BCE

The year -966 astronomical counting style corresponds to year 967 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 967 BCE
geocentric

MAY 967 BCE (-966) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 57 4	0♉ 3'21	13♌26	15♉13	17♓14	13♉ 0	27♓32	5♌57	18°R 5	23°R44	4°R47	4°R51	6♐14	2♎39	n.a.	T 1
W 2	14 1 0	1° 0'34	25°33	17° 6	18°21	13°39	27°45	5°58	18♍ 4	23♐43	4♏46	4♐49	6°11	2°45	n.a.	W 2
T 3	14 4 57	1°57'46	7♍31	18°56	19°27	14°19	27°58	6° 0	18° 2	23°43	4°44	4°45	6° 7	2°52	n.a.	T 3
F 4	14 8 54	2°54'57	19°24	20°43	20°34	14°58	28°11	6° 2	18° 1	23°42	4°43	4°40	6° 4	2°59	n.a.	F 4
S 5	14 12 50	3°52'08	1♎16	22°28	21°41	15°38	28°23	6° 3	17°59	23°41	4°41	4°35	6° 1	3° 6	n.a.	S 5
S 6	14 16 47	4°49'17	13° 8	24°11	22°48	16°17	28°36	6° 5	17°58	23°40	4°39	4°30	5°58	3°12	n.a.	S 6
M 7	14 20 43	5°46'26	25° 4	25°51	23°56	16°57	28°49	6° 7	17°56	23°39	4°38	4°25	5°55	3°19	n.a.	M 7
T 8	14 24 40	6°43'34	7♏ 4	27°28	25° 3	17°36	29° 2	6° 9	17°55	23°38	4°36	4°22	5°51	3°26	n.a.	T 8
W 9	14 28 36	7°40'42	19°12	29° 3	26°11	18°15	29°14	6°11	17°53	23°37	4°35	4°19	5°48	3°32	n.a.	W 9
T 10	14 32 33	8°37'49	1♐28	0♊35	27°18	18°55	29°27	6°13	17°52	23°36	4°33	4°D19	5°45	3°39	n.a.	T 10
F 11	14 36 29	9°34'56	13°55	2° 5	28°26	19°34	29°39	6°15	17°51	23°35	4°31	4°19	5°42	3°46	n.a.	F 11
S 12	14 40 26	10°32'03	26°34	3°32	29°34	20°13	29°52	6°18	17°50	23°34	4°30	4°20	5°39	3°52	n.a.	S 12
S 13	14 44 23	11°29'09	9♑27	4°56	0♈42	20°52	0♈ 4	6°20	17°48	23°33	4°28	4°21	5°36	3°59	n.a.	S 13
M14	14 48 19	12°26'16	22°36	6°17	1°50	21°32	0°17	6°23	17°47	23°32	4°27	4°23	5°32	4° 6	n.a.	M14
T 15	14 52 16	13°23'22	6♒ 5	7°36	2°58	22°11	0°29	6°25	17°46	23°31	4°25	4°24	5°29	4°13	n.a.	T 15
W16	14 56 12	14°20'28	19°53	8°52	4° 6	22°50	0°41	6°28	17°45	23°30	4°23	4°R24	5°26	4°19	n.a.	W16
T 17	15 0 9	15°17'34	4♓ 1	10° 5	5°14	23°29	0°53	6°31	17°44	23°28	4°22	4°23	5°23	4°26	n.a.	T 17
F 18	15 4 5	16°14'40	18°27	11°15	6°23	24° 8	1° 5	6°34	17°43	23°27	4°20	4°21	5°20	4°33	n.a.	F 18
S 19	15 8 2	17°11'46	3♈ 8	12°23	7°32	24°47	1°17	6°37	17°42	23°26	4°19	4°19	5°16	4°39	n.a.	S 19
S 20	15 11 58	18° 8'52	17°59	13°27	8°40	25°26	1°29	6°40	17°41	23°25	4°17	4°17	5°13	4°46	n.a.	S 20
M21	15 15 55	19° 5'59	2♉52	14°28	9°49	26° 5	1°41	6°43	17°41	23°24	4°16	4°16	5°10	4°53	n.a.	M21
T 22	15 19 52	20° 3'05	17°38	15°26	10°58	26°44	1°52	6°46	17°40	23°22	4°14	4°14	5° 7	5° 0	n.a.	T 22
W23	15 23 48	21° 0'11	2♊12	16°20	12° 7	27°23	2° 4	6°50	17°39	23°21	4°12	4°D14	5° 4	5° 6	n.a.	W23
T 24	15 27 45	21°57'17	16°26	17°12	13°16	28° 2	2°15	6°53	17°39	23°20	4°11	4°14	5° 1	5°13	n.a.	T 24
F 25	15 31 41	22°54'23	0♋18	17°59	14°25	28°41	2°27	6°57	17°38	23°18	4° 9	4°15	4°57	5°20	n.a.	F 25
S 26	15 35 38	23°51'29	13°44	18°43	15°34	29°20	2°38	7° 0	17°37	23°17	4° 8	4°16	4°54	5°26	n.a.	S 26
S 27	15 39 34	24°48'35	26°47	19°23	16°43	29°59	2°49	7° 4	17°37	23°16	4° 6	4°17	4°51	5°33	n.a.	S 27
M28	15 43 31	25°45'40	9♌28	20° 0	17°53	0♊38	3° 1	7° 8	17°36	23°14	4° 5	4°17	4°48	5°40	n.a.	M28
T 29	15 47 28	26°42'45	21°51	20°32	19° 2	1°17	3°12	7°12	17°36	23°13	4° 4	4°R18	4°45	5°46	n.a.	T 29
W30	15 51 24	27°39'50	3♍59	21° 0	20°12	1°56	3°23	7°16	17°36	23°11	4° 2	4°18	4°42	5°53	n.a.	W30
T 31	15 55 21	28♉36'55	15♍57	21♊24	21♈21	2♊35	3♈34	7♌20	17♍35	23♐10	4♏ 1	4♐17	4♐38	6♎ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n40	12n25	4s50	18n32	1n58	6s46	1s47	16n27	0n29	2s 8	1s14	20n51	1n50	5n29	0n46	23s 3	0n37	3s14	10n42	21s26	21s41	5s17		n.a.
W 2	12 0	8 23	5 8	19 9	2 2	6 21	1 49	16 39	0 30	2 3	1 14	20 51	1 50	5 30	0 46	23 3	0 37	3 14	10 42	21 26	21 40	5 19		n.a.
T 3	12 20	4 4	5 11	19 44	2 6	5 56	1 51	16 52	0 30	1 58	1 15	20 50	1 50	5 30	0 46	23 3	0 37	3 13	10 42	21 25	21 40	5 22		n.a.
F 4	12 40	0s21	5 2	20 17	2 9	5 31	1 53	17 4	0 31	1 52	1 15	20 50	1 50	5 31	0 46	23 3	0 37	3 13	10 42	21 24	21 39	5 24		n.a.
S 5	13 0	4 46	4 39	20 47	2 11	5 6	1 55	17 16	0 31	1 47	1 15	20 49	1 50	5 31	0 46	23 3	0 37	3 12	10 42	21 23	21 39	5 26		n.a.
S 6	13 20	9 0	4 4	21 15	2 12	4 40	1 56	17 28	0 32	1 42	1 15	20 49	1 50	5 32	0 46	23 2	0 37	3 12	10 42	21 22	21 38	5 29		n.a.
M 7	13 39	12 55	3 19	21 40	2 13	4 15	1 58	17 40	0 32	1 37	1 15	20 48	1 50	5 32	0 46	23 2	0 37	3 12	10 42	21 21	21 38	5 31		n.a.
T 8	13 58	16 21	2 24	22 3	2 13	3 49	1 59	17 52	0 33	1 32	1 15	20 47	1 50	5 33	0 46	23 2	0 37	3 11	10 41	21 21	21 37	5 33		n.a.
W 9	14 17	19 6	1 22	22 24	2 12	3 23	2 0	18 4	0 33	1 27	1 15	20 47	1 49	5 33	0 46	23 2	0 37	3 11	10 41	21 20	21 36	5 36		n.a.
T 10	14 36	21 2	0 16	22 43	2 11	2 57	2 2	18 15	0 34	1 22	1 15	20 46	1 49	5 34	0 46	23 2	0 37	3 10	10 41	21 20	21 36	5 38		n.a.
F 11	14 54	21 57	0n53	23 0	2 9	2 30	2 3	18 26	0 34	1 17	1 15	20 45	1 49	5 34	0 46	23 2	0 37	3 10	10 41	21 20	21 35	5 40		n.a.
S 12	15 13	21 46	1 59	23 14	2 6	2 4	2 3	18 38	0 35	1 12	1 15	20 45	1 49	5 35	0 46	23 2	0 37	3 9	10 41	21 20	21 35	5 43		n.a.
S 13	15 31	20 27	3 2	23 27	2 2	1 37	2 4	18 49	0 35	1 7	1 15	20 44	1 49	5 35	0 46	23 2	0 37	3 9	10 41	21 21	21 34	5 45		n.a.
M14	15 48	18 1	3 55	23 38	1 58	1 10	2 5	19 0	0 36	1 2	1 16	20 43	1 49	5 36	0 45	23 2	0 37	3 9	10 41	21 21	21 34	5 47		n.a.
T 15	16 6	14 33	4 38	23 46	1 53	0 43	2 6	19 10	0 36	0 58	1 16	20 42	1 49	5 36	0 45	23 2	0 37	3 8	10 41	21 21	21 33	5 50		n.a.
W16	16 23	10 15	5 5	23 53	1 47	0 16	2 6	19 21	0 36	0 53	1 16	20 42	1 49	5 36	0 45	23 2	0 37	3 8	10 40	21 21	21 32	5 52		n.a.
T 17	16 40	5 18	5 15	23 58	1 41	0n11	2 7	19 32	0 37	0 48	1 16	20 41	1 48	5 37	0 45	23 2	0 37	3 8	10 40	21 21	21 32	5 54		n.a.
F 18	16 57	0n 3	5 6	24 2	1 34	0 38	2 7	19 42	0 37	0 43	1 16	20 40	1 48	5 37	0 45	23 2	0 37	3 7	10 40	21 21	21 31	5 57		n.a.
S 19	17 14	5 29	4 37	24 4	1 27	1 5	2 7	19 52	0 38	0 39	1 16	20 39	1 48	5 37	0 45	23 2	0 37	3 7	10 40	21 20	21 31	5 59		n.a.
S 20	17 30	10 40	3 48	24 4	1 18	1 33	2 7	20 2	0 38	0 34	1 16	20 38	1 48	5 38	0 45	23 2	0 37	3 6	10 40	21 20	21 30	6 1		n.a.
M21	17 46	15 14	2 45	24 3	1 10	2 0	2 7	20 12	0 39	0 29	1 16	20 37	1 48	5 38	0 45	23 2	0 37	3 6	10 40	21 19	21 30	6 4		n.a.
T 22	18 2	18 48	1 31	24 0	1 0	2 27	2 7	20 22	0 39	0 25	1 17	20 36	1 48	5 38	0 45	23 2	0 37	3 6	10 39	21 19	21 29	6 6		n.a.
W23	18 17	21 6	0 11	23 56	0 50	2 55	2 7	20 31	0 40	0 20	1 17	20 35	1 48	5 39	0 45	23 1	0 37	3 5	10 39	21 19	21 28	6 8		n.a.
T 24	18 32	22 0	1s 7	23 50	0 39	3 22	2 7	20 41	0 40	0 16	1 17	20 34	1 48	5 39	0 45	23 1	0 37	3 5	10 39	21 19	21 28	6 11		n.a.
F 25	18 47	21 29	2 19	23 43	0 28	3 50	2 7	20 50	0 41	0 11	1 17	20 33	1 48	5 39	0 45	23 1	0 37	3 5	10 39	21 19	21 27	6 13		n.a.
S 26	19 2	19 45	3 22	23 36	0 16	4 17	2 6	20 59	0 41	0 7	1 17	20 32	1 47	5 39	0 45	23 1	0 37	3 5	10 38	21 19	21 27	6 15		n.a.
S 27	19 16	17 0	4 12	23 27	0 4	4 45	2 6	21 8	0 41	0 2	1 17	20 31	1 47	5 39	0 45	23 1	0 37	3 4	10 38	21 20	21 26	6 17		n.a.
M28	19 30	13 32	4 48	23 17	0s 9	5 12	2 5	21 17	0 42	0n 2	1 17	20 30	1 47	5 39	0 45	23 1	0 37	3 4	10 38	21 20	21 25	6 20		n.a.
T 29	19 43	9 34	5 10	23 6	0 22	5 39	2 4	21 25	0 42	0 6	1 17	20 29	1 47	5 40	0 45	23 1	0 37	3 4	10 38	21 20	21 25	6 22		n.a.
W30	19 57	5 17	5 17	22 54	0 36	6 6	2 4	21 34	0 43	0 11	1 18	20 28	1 47	5 40	0 45	23 1	0 37	3 4	10 38	21 20	21 24	6 24		n.a.
T 31	20n10	0n52	5s10	22n42	0s50	6n34	2s 3	21n42	0n43	0n15	1s18	20n27	1n47	5n40	0n45	23s 1	0n37	3s 3	10n37	21s20	21s24	6s27		n.a.

Julian Day Number = 1368346.5, Delta T = 06h52m52s
Ecliptic obliquity = 23°48'35, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°25'17, Lahiri = -17°18'17 Julian Calendar 1 May 967 BCE == Greg. Calendar 22 Apr. 967 BCE

The year -966 astronomical counting style corresponds to year 967 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 967 BCE
geocentric

JUNE 967 BCE (-966) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 59 17	29♉34'00	27♍50	21♊43	22♈31	3♊13	3♈44	7♌24	17°R35	23°R 9	3°R59	4°R17	4♐35	6♎ 7	n.a.	F 1
S 2	16 3 14	0♊31'05	9♎42	21°58	23°41	3°52	3°55	7°28	17♍35	23♐ 7	3♏58	4♐16	4°32	6°13	n.a.	S 2
S 3	16 7 10	1°28'10	21°37	22° 8	24°50	4°31	4° 6	7°32	17°35	23° 6	3°56	4°16	4°29	6°20	n.a.	S 3
M 4	16 11 7	2°25'15	3♏37	22°14	26° 0	5°10	4°16	7°37	17°35	23° 4	3°55	4°16	4°26	6°27	n.a.	M 4
T 5	16 15 3	3°22'21	15°46	22°R14	27°10	5°48	4°26	7°41	17°D35	23° 3	3°54	4°16	4°22	6°33	n.a.	T 5
W 6	16 19 0	4°19'27	28° 5	22°10	28°20	6°27	4°37	7°46	17°35	23° 1	3°52	4°16	4°19	6°40	n.a.	W 6
T 7	16 22 57	5°16'33	10♐37	22° 2	29°31	7° 6	4°47	7°50	17°35	23° 0	3°51	4°16	4°16	6°47	n.a.	T 7
F 8	16 26 53	6°13'40	23°22	21°48	0♉41	7°45	4°57	7°55	17°35	22°58	3°50	4°16	4°13	6°53	n.a.	F 8
S 9	16 30 50	7°10'47	6♑21	21°30	1°51	8°23	5° 7	8° 0	17°35	22°57	3°49	4°15	4°10	7° 0	n.a.	S 9
S 10	16 34 46	8° 7'55	19°34	21° 8	3° 1	9° 2	5°17	8° 4	17°35	22°55	3°47	4°15	4° 7	7° 7	n.a.	S 10
M11	16 38 43	9° 5'04	3♒ 0	20°41	4°12	9°41	5°27	8° 9	17°36	22°53	3°46	4°14	4° 3	7°14	n.a.	M11
T 12	16 42 39	10° 2'13	16°41	20°11	5°22	10°19	5°36	8°14	17°36	22°52	3°45	4°14	4° 0	7°20	n.a.	T 12
W13	16 46 36	10°59'24	0♓34	19°37	6°33	10°58	5°46	8°19	17°36	22°50	3°44	4°14	3°57	7°27	n.a.	W13
T 14	16 50 32	11°56'35	14°38	19° 1	7°44	11°36	5°55	8°24	17°37	22°49	3°42	4°D13	3°54	7°34	n.a.	T 14
F 15	16 54 29	12°53'47	28°53	18°22	8°54	12°15	6° 4	8°29	17°37	22°47	3°41	4°14	3°51	7°40	n.a.	F 15
S 16	16 58 26	13°51'01	13♈15	17°41	10° 5	12°53	6°14	8°34	17°38	22°45	3°40	4°14	3°48	7°47	n.a.	S 16
S 17	17 2 22	14°48'15	27°42	16°59	11°16	13°32	6°23	8°40	17°38	22°44	3°39	4°15	3°44	7°54	n.a.	S 17
M18	17 6 19	15°45'31	12♉ 9	16°17	12°27	14°11	6°32	8°45	17°39	22°42	3°38	4°16	3°41	8° 0	n.a.	M18
T 19	17 10 15	16°42'47	26°31	15°35	13°38	14°49	6°40	8°50	17°40	22°41	3°37	4°17	3°38	8° 7	n.a.	T 19
W20	17 14 12	17°40'05	10♊44	14°54	14°49	15°28	6°49	8°56	17°41	22°39	3°36	4°R17	3°35	8°14	n.a.	W20
T 21	17 18 8	18°37'23	24°43	14°15	16° 0	16° 6	6°58	9° 1	17°41	22°37	3°35	4°16	3°32	8°21	n.a.	T 21
F 22	17 22 5	19°34'43	8♋25	13°38	17°11	16°45	7° 6	9° 7	17°42	22°36	3°34	4°14	3°28	8°27	n.a.	F 22
S 23	17 26 2	20°32'03	21°47	13° 5	18°23	17°23	7°14	9°13	17°43	22°34	3°33	4°12	3°25	8°34	n.a.	S 23
S 24	17 29 58	21°29'24	4♌48	12°36	19°34	18° 1	7°22	9°18	17°44	22°33	3°32	4°10	3°22	8°41	n.a.	S 24
M25	17 33 55	22°26'45	17°29	12°12	20°45	18°40	7°30	9°24	17°45	22°31	3°31	4° 8	3°19	8°47	n.a.	M25
T 26	17 37 51	23°24'08	29°53	11°52	21°57	19°18	7°38	9°30	17°46	22°29	3°30	4° 6	3°16	8°54	n.a.	T 26
W27	17 41 48	24°21'31	12♍ 2	11°38	23° 8	19°57	7°46	9°36	17°47	22°28	3°29	4° 4	3°13	9° 1	n.a.	W27
T 28	17 45 44	25°18'55	24° 1	11°29	24°20	20°35	7°54	9°42	17°48	22°26	3°28	4°D 4	3° 9	9° 7	n.a.	T 28
F 29	17 49 41	26°16'20	5♎55	11°D27	25°32	21°13	8° 1	9°48	17°50	22°24	3°28	4° 4	3° 6	9°14	n.a.	F 29
S 30	17 53 37	27♊13'46	17♎47	11♊32	26♉43	21♊52	8♈ 8	9♌54	17♍51	22♐23	3♏27	4♐ 5	3♐ 3	9♎21	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n22	3s34	4s51	22n29	1s 4	7n 1	2s 2	21n50	0n44	0n19	1s18	20n25	1n47	5n40	0n45	23s 1	0n37	3s 3	10n37	21s20	21s23	6s29		n.a.
S 2	20 34	7 51	4 19	22 15	1 19	7 28	2 1	21 58	0 44	0 23	1 18	20 24	1 47	5 40	0 45	23 1	0 37	3 3	10 37	21 20	21 23	6 31		n.a.
S 3	20 46	11 52	3 35	22 0	1 34	7 55	2 0	22 6	0 44	0 27	1 18	20 23	1 47	5 40	0 45	23 1	0 37	3 3	10 37	21 20	21 22	6 33		n.a.
M 4	20 58	15 27	2 42	21 46	1 49	8 22	1 59	22 14	0 45	0 32	1 18	20 22	1 46	5 40	0 45	23 1	0 37	3 2	10 36	21 19	21 21	6 36		n.a.
T 5	21 9	18 25	1 41	21 30	2 4	8 48	1 57	22 21	0 45	0 36	1 19	20 21	1 46	5 40	0 45	23 1	0 37	3 2	10 36	21 19	21 21	6 38		n.a.
W 6	21 20	20 36	0 34	21 15	2 20	9 15	1 56	22 28	0 46	0 40	1 19	20 19	1 46	5 40	0 45	23 1	0 37	3 2	10 36	21 19	21 20	6 40		n.a.
T 7	21 31	21 48	0n35	21 0	2 35	9 41	1 55	22 35	0 46	0 44	1 19	20 18	1 46	5 40	0 44	23 0	0 37	3 2	10 35	21 19	21 20	6 42		n.a.
F 8	21 41	21 55	1 44	20 44	2 49	10 7	1 53	22 42	0 47	0 47	1 19	20 17	1 46	5 40	0 44	23 0	0 37	3 2	10 35	21 19	21 19	6 45		n.a.
S 9	21 51	20 51	2 49	20 28	3 4	10 33	1 52	22 49	0 47	0 51	1 19	20 15	1 46	5 39	0 44	23 0	0 37	3 2	10 35	21 19	21 18	6 47		n.a.
S 10	22 0	18 38	3 46	20 13	3 18	10 59	1 50	22 56	0 47	0 55	1 19	20 14	1 46	5 39	0 44	23 0	0 37	3 1	10 35	21 19	21 18	6 49		n.a.
M11	22 9	15 23	4 31	19 58	3 31	11 25	1 48	23 2	0 48	0 59	1 20	20 13	1 46	5 39	0 44	23 0	0 37	3 1	10 34	21 19	21 17	6 51		n.a.
T 12	22 18	11 17	5 2	19 44	3 43	11 51	1 47	23 8	0 48	1 3	1 20	20 11	1 46	5 39	0 44	23 0	0 37	3 1	10 34	21 19	21 17	6 54		n.a.
W13	22 26	6 31	5 16	19 30	3 55	12 16	1 45	23 14	0 49	1 6	1 20	20 10	1 46	5 39	0 44	23 0	0 37	3 1	10 34	21 19	21 16	6 56		n.a.
T 14	22 34	1 21	5 12	19 17	4 5	12 41	1 43	23 20	0 49	1 10	1 20	20 8	1 46	5 39	0 44	23 0	0 37	3 1	10 33	21 19	21 15	6 58		n.a.
F 15	22 42	3n57	4 48	19 4	4 14	13 6	1 41	23 26	0 49	1 13	1 20	20 7	1 46	5 38	0 44	23 0	0 37	3 1	10 33	21 19	21 15	7 0		n.a.
S 16	22 49	9 5	4 6	18 53	4 22	13 30	1 39	23 31	0 50	1 17	1 20	20 5	1 45	5 38	0 44	23 0	0 37	3 1	10 33	21 19	21 14	7 3		n.a.
S 17	22 56	13 45	3 9	18 43	4 28	13 54	1 37	23 36	0 50	1 20	1 21	20 4	1 45	5 38	0 44	23 0	0 37	3 1	10 32	21 19	21 13	7 5		n.a.
M18	23 2	17 37	2 0	18 34	4 33	14 18	1 35	23 42	0 51	1 24	1 21	20 2	1 45	5 38	0 44	23 0	0 37	3 1	10 32	21 19	21 13	7 7		n.a.
T 19	23 8	20 22	0 43	18 27	4 36	14 42	1 33	23 46	0 51	1 27	1 21	20 1	1 45	5 37	0 44	22 59	0 37	3 1	10 32	21 20	21 12	7 9		n.a.
W20	23 14	21 49	0s36	18 21	4 37	15 5	1 31	23 51	0 51	1 30	1 21	19 59	1 45	5 37	0 44	22 59	0 37	3 1	10 31	21 20	21 12	7 12		n.a.
T 21	23 19	21 52	1 51	18 17	4 37	15 28	1 29	23 56	0 52	1 34	1 21	19 58	1 45	5 37	0 44	22 59	0 37	3 1	10 31	21 19	21 11	7 14		n.a.
F 22	23 24	20 35	2 58	18 15	4 34	15 51	1 26	24 0	0 52	1 37	1 22	19 56	1 45	5 36	0 44	22 59	0 37	3 1	10 31	21 19	21 10	7 16		n.a.
S 23	23 28	18 11	3 53	18 15	4 31	16 13	1 24	24 4	0 53	1 40	1 22	19 55	1 45	5 36	0 44	22 59	0 37	3 1	10 30	21 19	21 10	7 18		n.a.
S 24	23 32	14 55	4 35	18 16	4 25	16 35	1 22	24 8	0 53	1 43	1 22	19 53	1 45	5 35	0 44	22 59	0 37	3 1	10 30	21 18	21 9	7 21		n.a.
M25	23 35	11 2	5 2	18 20	4 18	16 57	1 19	24 12	0 53	1 46	1 22	19 51	1 45	5 35	0 44	22 59	0 37	3 1	10 30	21 18	21 9	7 23		n.a.
T 26	23 38	6 47	5 14	18 26	4 10	17 18	1 17	24 16	0 54	1 49	1 22	19 50	1 45	5 34	0 44	22 59	0 37	3 1	10 29	21 18	21 8	7 25		n.a.
W27	23 41	2 21	5 12	18 33	4 1	17 39	1 14	24 19	0 54	1 52	1 23	19 48	1 45	5 34	0 44	22 59	0 37	3 1	10 29	21 17	21 7	7 27		n.a.
T 28	23 43	2s 7	4 56	18 43	3 50	17 59	1 12	24 22	0 54	1 55	1 23	19 46	1 45	5 33	0 44	22 59	0 37	3 1	10 29	21 17	21 7	7 29		n.a.
F 29	23 45	6 28	4 28	18 54	3 38	18 19	1 9	24 25	0 55	1 58	1 23	19 45	1 45	5 33	0 44	22 59	0 37	3 1	10 28	21 17	21 6	7 32		n.a.
S 30	23n47	10s35	3s48	19n 7	3s26	18n39	1s 7	24n28	0n55	2n 0	1s23	19n43	1n44	5n32	0n43	22s59	0n37	3s 1	10n28	21s17	21s 5	7s34		n.a.

Julian Day Number = 1368377.5, Delta T = 06h52m50s
Ecliptic obliquity = 23°48'34, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°25'13, Lahiri = -17°18'12 Julian Calendar 1 June 967 BCE == Greg. Calendar 23 May 967 BCE

The year -966 astronomical counting style corresponds to year 967 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 967 BCE
geocentric

JULY 967 BCE (-966) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 57 34	28♊11'13	29♎42	11♊42	27♉55	22♊30	8♈15	10♌ 0	17♍52	22°R21	3°R26	4♐ 7	3♐ 0	9♎28	n.a.	S 1
M 2	18 1 31	29° 8'41	11♏46	12° 0	29° 7	23° 9	8°22	10° 6	17°54	22♐20	3♏25	4° 8	2°57	9°34	n.a.	M 2
T 3	18 5 27	0♋ 6'10	24° 1	12°24	0♊19	23°47	8°29	10°12	17°55	22°18	3°25	4°10	2°54	9°41	n.a.	T 3
W 4	18 9 24	1° 3'40	6♐32	12°55	1°31	24°25	8°36	10°18	17°57	22°16	3°24	4°R10	2°50	9°48	n.a.	W 4
T 5	18 13 20	2° 1'11	19°19	13°33	2°43	25° 3	8°43	10°25	17°58	22°15	3°23	4° 9	2°47	9°54	n.a.	T 5
F 6	18 17 17	2°58'44	2♑24	14°17	3°55	25°42	8°49	10°31	18° 0	22°13	3°23	4° 7	2°44	10° 1	n.a.	F 6
S 7	18 21 13	3°56'18	15°47	15° 8	5° 7	26°20	8°55	10°37	18° 1	22°12	3°22	4° 3	2°41	10° 8	n.a.	S 7
S 8	18 25 10	4°53'53	29°26	16° 5	6°19	26°58	9° 1	10°44	18° 3	22°10	3°22	3°59	2°38	10°14	n.a.	S 8
M 9	18 29 6	5°51'30	13♒18	17° 9	7°31	27°37	9° 7	10°50	18° 5	22° 8	3°21	3°54	2°34	10°21	n.a.	M 9
T 10	18 33 3	6°49'09	27°19	18°18	8°44	28°15	9°13	10°57	18° 6	22° 7	3°21	3°50	2°31	10°28	n.a.	T 10
W11	18 37 0	7°46'49	11♓28	19°34	9°56	28°53	9°19	11° 3	18° 8	22° 5	3°20	3°46	2°28	10°35	n.a.	W11
T 12	18 40 56	8°44'31	25°39	20°55	11° 8	29°31	9°24	11°10	18°10	22° 4	3°20	3°44	2°25	10°41	n.a.	T 12
F 13	18 44 53	9°42'15	9♈51	22°21	12°21	0♋10	9°29	11°16	18°12	22° 2	3°19	3°D43	2°22	10°48	n.a.	F 13
S 14	18 48 49	10°40'00	24° 2	23°52	13°34	0°48	9°34	11°23	18°14	22° 1	3°19	3°44	2°19	10°55	n.a.	S 14
S 15	18 52 46	11°37'48	8♉ 9	25°28	14°46	1°26	9°39	11°30	18°16	21°59	3°19	3°45	2°15	11° 1	n.a.	S 15
M16	18 56 42	12°35'37	22°11	27° 7	15°59	2° 4	9°44	11°36	18°18	21°58	3°18	3°46	2°12	11° 8	n.a.	M16
T 17	19 0 39	13°33'28	6♊ 7	28°51	17°12	2°43	9°49	11°43	18°20	21°56	3°18	3°R47	2° 9	11°15	n.a.	T 17
W18	19 4 35	14°31'22	19°54	0♋37	18°24	3°21	9°53	11°50	18°22	21°55	3°18	3°46	2° 6	11°21	n.a.	W18
T 19	19 8 32	15°29'17	3♋30	2°27	19°37	3°59	9°57	11°57	18°24	21°53	3°18	3°43	2° 3	11°28	n.a.	T 19
F 20	19 12 29	16°27'13	16°54	4°19	20°50	4°37	10° 1	12° 4	18°26	21°52	3°17	3°38	2° 0	11°35	n.a.	F 20
S 21	19 16 25	17°25'12	0♌ 2	6°13	22° 3	5°15	10° 5	12°11	18°29	21°50	3°17	3°31	1°56	11°41	n.a.	S 21
S 22	19 20 22	18°23'12	12°54	8° 8	23°16	5°54	10° 9	12°17	18°31	21°49	3°17	3°23	1°53	11°48	n.a.	S 22
M23	19 24 18	19°21'13	25°30	10° 4	24°29	6°32	10°12	12°24	18°33	21°48	3°17	3°15	1°50	11°55	n.a.	M23
T 24	19 28 15	20°19'16	7♍51	12° 2	25°42	7°10	10°15	12°31	18°36	21°46	3°17	3° 8	1°47	12° 2	n.a.	T 24
W25	19 32 11	21°17'21	19°59	14° 0	26°56	7°48	10°19	12°38	18°38	21°45	3°D17	3° 1	1°44	12° 8	n.a.	W25
T 26	19 36 8	22°15'28	1♎57	15°58	28° 9	8°26	10°22	12°46	18°41	21°43	3°17	2°57	1°40	12°15	n.a.	T 26
F 27	19 40 4	23°13'35	13°49	17°56	29°22	9° 4	10°24	12°53	18°43	21°42	3°17	2°55	1°37	12°22	n.a.	F 27
S 28	19 44 1	24°11'45	25°39	19°54	0♋35	9°43	10°27	13° 0	18°46	21°41	3°17	2°D54	1°34	12°28	n.a.	S 28
S 29	19 47 58	25° 9'56	7♏34	21°51	1°49	10°21	10°29	13° 7	18°48	21°39	3°17	2°55	1°31	12°35	n.a.	S 29
M30	19 51 54	26° 8'09	19°38	23°48	3° 2	10°59	10°31	13°14	18°51	21°38	3°17	2°56	1°28	12°42	n.a.	M30
T 31	19 55 51	27♋ 6'24	1♐56	25♋44	4♋16	11♋37	10♈33	13♌21	18♍54	21♐37	3♏18	2°R57	1♐25	12♎48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	14s19	2s58	19n22	3s12	18n58	1s 4	24n31	0n55	2n 3	1s23	19n41	1n44	5n32	0n43	22s59	0n37	3s 1	10n27	21s18	21s 5	7s36		n.a.
M 2	23 48	17 30	2 0	19 38	2 58	19 16	1 2	24 33	0 56	2 6	1 24	19 40	1 44	5 31	0 43	22 58	0 37	3 1	10 27	21 18	21 4	7 38		n.a.
T 3	23 49	19 58	0 55	19 56	2 43	19 34	0 59	24 36	0 56	2 8	1 24	19 38	1 44	5 31	0 43	22 58	0 37	3 1	10 27	21 18	21 4	7 40		n.a.
W 4	23 48	21 31	0n13	20 15	2 28	19 52	0 56	24 38	0 57	2 11	1 24	19 36	1 44	5 30	0 43	22 58	0 37	3 2	10 26	21 18	21 3	7 43		n.a.
T 5	23 48	22 0	1 22	20 35	2 13	20 9	0 53	24 40	0 57	2 13	1 24	19 34	1 44	5 29	0 43	22 58	0 37	3 2	10 26	21 18	21 2	7 45		n.a.
F 6	23 47	21 19	2 29	20 55	1 58	20 26	0 51	24 41	0 57	2 15	1 24	19 33	1 44	5 29	0 43	22 58	0 37	3 2	10 25	21 18	21 2	7 47		n.a.
S 7	23 45	19 25	3 28	21 16	1 42	20 42	0 48	24 43	0 58	2 18	1 25	19 31	1 44	5 28	0 43	22 58	0 37	3 2	10 25	21 17	21 1	7 49		n.a.
S 8	23 43	16 24	4 17	21 38	1 27	20 57	0 45	24 44	0 58	2 20	1 25	19 29	1 44	5 27	0 43	22 58	0 37	3 2	10 25	21 16	21 0	7 51		n.a.
M 9	23 41	12 26	4 52	22 0	1 11	21 12	0 43	24 46	0 58	2 22	1 25	19 27	1 44	5 27	0 43	22 58	0 36	3 3	10 24	21 15	21 0	7 54		n.a.
T 10	23 38	7 45	5 10	22 21	0 56	21 27	0 40	24 46	0 59	2 24	1 25	19 25	1 44	5 26	0 43	22 58	0 36	3 3	10 24	21 15	20 59	7 56		n.a.
W11	23 35	2 37	5 9	22 42	0 41	21 40	0 37	24 47	0 59	2 26	1 26	19 23	1 44	5 25	0 43	22 58	0 36	3 3	10 23	21 14	20 59	7 58		n.a.
T 12	23 31	2n40	4 49	23 3	0 27	21 54	0 34	24 48	0 59	2 28	1 26	19 21	1 44	5 24	0 43	22 58	0 36	3 3	10 23	21 13	20 58	8 0		n.a.
F 13	23 27	7 49	4 12	23 22	0 13	22 6	0 31	24 48	1 0	2 30	1 26	19 20	1 44	5 24	0 43	22 58	0 36	3 4	10 23	21 13	20 57	8 2		n.a.
S 14	23 22	12 33	3 19	23 40	0n 0	22 18	0 29	24 48	1 0	2 32	1 26	19 18	1 44	5 23	0 43	22 58	0 36	3 4	10 22	21 13	20 57	8 4		n.a.
S 15	23 17	16 34	2 15	23 57	0 13	22 30	0 26	24 48	1 0	2 34	1 26	19 16	1 44	5 22	0 43	22 57	0 36	3 4	10 22	21 14	20 56	8 7		n.a.
M16	23 12	19 36	1 3	24 12	0 25	22 41	0 23	24 48	1 1	2 35	1 27	19 14	1 44	5 21	0 43	22 57	0 36	3 4	10 21	21 14	20 55	8 9		n.a.
T 17	23 6	21 27	0s13	24 25	0 36	22 51	0 20	24 48	1 1	2 37	1 27	19 12	1 44	5 20	0 43	22 57	0 36	3 5	10 21	21 14	20 55	8 11		n.a.
W18	23 0	21 59	1 26	24 35	0 47	23 0	0 17	24 47	1 1	2 38	1 27	19 10	1 44	5 19	0 43	22 57	0 36	3 5	10 20	21 14	20 54	8 13		n.a.
T 19	22 54	21 12	2 34	24 44	0 57	23 9	0 15	24 46	1 2	2 40	1 27	19 8	1 44	5 18	0 43	22 57	0 36	3 5	10 20	21 13	20 53	8 15		n.a.
F 20	22 47	19 13	3 32	24 50	1 5	23 17	0 12	24 46	1 2	2 41	1 28	19 6	1 44	5 18	0 43	22 57	0 36	3 6	10 20	21 12	20 53	8 17		n.a.
S 21	22 39	16 16	4 17	24 53	1 13	23 25	0 9	24 44	1 2	2 43	1 28	19 4	1 44	5 17	0 43	22 57	0 36	3 6	10 19	21 11	20 52	8 20		n.a.
S 22	22 31	12 35	4 49	24 54	1 20	23 32	0 6	24 43	1 3	2 44	1 28	19 2	1 44	5 16	0 43	22 57	0 36	3 6	10 19	21 9	20 52	8 22		n.a.
M23	22 23	8 26	5 5	24 52	1 27	23 38	0 3	24 42	1 3	2 45	1 28	19 0	1 44	5 15	0 43	22 57	0 36	3 7	10 18	21 8	20 51	8 24		n.a.
T 24	22 15	4 1	5 7	24 47	1 32	23 44	0 1	24 40	1 3	2 46	1 29	18 58	1 44	5 14	0 43	22 57	0 36	3 7	10 18	21 6	20 50	8 26		n.a.
W25	22 6	0s29	4 55	24 40	1 37	23 48	0n 2	24 38	1 4	2 47	1 29	18 56	1 44	5 13	0 42	22 57	0 36	3 8	10 17	21 5	20 50	8 28		n.a.
T 26	21 56	4 54	4 30	24 30	1 40	23 53	0 5	24 36	1 4	2 48	1 29	18 54	1 44	5 12	0 42	22 57	0 36	3 8	10 17	21 4	20 49	8 30		n.a.
F 27	21 47	9 6	3 53	24 18	1 43	23 56	0 7	24 34	1 4	2 49	1 29	18 52	1 44	5 11	0 42	22 57	0 36	3 8	10 17	21 4	20 48	8 32		n.a.
S 28	21 36	12 57	3 7	24 3	1 45	23 59	0 10	24 31	1 4	2 50	1 30	18 50	1 44	5 10	0 42	22 57	0 36	3 9	10 16	21 4	20 48	8 35		n.a.
S 29	21 26	16 20	2 12	23 46	1 47	24 1	0 13	24 28	1 5	2 50	1 30	18 48	1 44	5 9	0 42	22 57	0 36	3 9	10 16	21 4	20 47	8 37		n.a.
M30	21 15	19 3	1 11	23 27	1 48	24 2	0 15	24 26	1 5	2 51	1 30	18 46	1 44	5 8	0 42	22 56	0 36	3 10	10 15	21 4	20 46	8 39		n.a.
T 31	21n 4	20s57	0s 5	23n 6	1n48	24n 2	0n18	24n23	1n 5	2n52	1s30	18n44	1n44	5n 6	0n42	22s56	0n36	3s10	10n15	21s 4	20s46	8s41		n.a.

Julian Day Number = 1368407.5, Delta T = 06h52m49s
Ecliptic obliquity = 23°48'34, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°25'09, Lahiri = -17°18'08 Julian Calendar 1 July 967 BCE == Greg. Calendar 22 June 967 BCE

The year -966 astronomical counting style corresponds to year 967 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 967 BCE
geocentric

AUGUST 967 BCE (-966) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 59 47	28♋ 4'40	14♐32	27♋39	5♋29	12♋15	10♈35	13♌28	18♍56	21°R36	3♏18	2°R56	1♐21	12♎55	n.a.	W 1
T 2	20 3 44	29° 2'58	27°30	29°33	6°43	12°53	10°37	13°35	18°59	21♐34	3°18	2♐53	1°18	13° 2	n.a.	T 2
F 3	20 7 40	0♌ 1'18	10♉51	1♌27	7°57	13°31	10°38	13°43	19° 2	21°33	3°18	2°48	1°15	13° 8	n.a.	F 3
S 4	20 11 37	0°59'39	24°36	3°19	9°10	14° 9	10°39	13°50	19° 5	21°32	3°19	2°41	1°12	13°15	n.a.	S 4
S 5	20 15 33	1°58'03	8♒40	5°11	10°24	14°47	10°40	13°57	19° 7	21°31	3°19	2°32	1° 9	13°22	n.a.	S 5
M 6	20 19 30	2°56'29	23° 0	7° 1	11°38	15°26	10°41	14° 4	19°10	21°30	3°19	2°23	1° 5	13°29	n.a.	M 6
T 7	20 23 27	3°54'56	7♓29	8°50	12°52	16° 4	10°42	14°12	19°13	21°29	3°20	2°14	1° 2	13°35	n.a.	T 7
W 8	20 27 23	4°53'26	22° 0	10°38	14° 6	16°42	10°42	14°19	19°16	21°28	3°20	2° 6	0°59	13°42	n.a.	W 8
T 9	20 31 20	5°51'58	6♈29	12°25	15°20	17°20	10°42	14°26	19°19	21°27	3°21	2° 0	0°56	13°49	n.a.	T 9
F 10	20 35 16	6°50'33	20°50	14°11	16°34	17°58	10°R42	14°34	19°22	21°26	3°21	1°57	0°53	13°55	n.a.	F 10
S 11	20 39 13	7°49'09	5♉ 0	15°56	17°48	18°36	10°42	14°41	19°25	21°25	3°22	1°D56	0°50	14° 2	n.a.	S 11
S 12	20 43 9	8°47'49	18°58	17°40	19° 2	19°14	10°42	14°48	19°28	21°24	3°22	1°56	0°46	14° 9	n.a.	S 12
M13	20 47 6	9°46'31	2♊45	19°23	20°16	19°52	10°41	14°56	19°31	21°23	3°23	1°R57	0°43	14°15	n.a.	M13
T 14	20 51 2	10°45'15	16°19	21° 4	21°30	20°30	10°40	15° 3	19°34	21°22	3°24	1°56	0°40	14°22	n.a.	T 14
W15	20 54 59	11°44'01	29°43	22°45	22°44	21° 8	10°39	15°10	19°38	21°21	3°24	1°53	0°37	14°29	n.a.	W15
T 16	20 58 55	12°42'50	12♋55	24°25	23°59	21°46	10°38	15°18	19°41	21°20	3°25	1°47	0°34	14°35	n.a.	T 16
F 17	21 2 52	13°41'41	25°57	26° 3	25°13	22°24	10°37	15°25	19°44	21°19	3°26	1°39	0°31	14°42	n.a.	F 17
S 18	21 6 49	14°40'35	8♌46	27°41	26°27	23° 3	10°35	15°32	19°47	21°18	3°27	1°27	0°27	14°49	n.a.	S 18
S 19	21 10 45	15°39'30	21°24	29°18	27°42	23°41	10°33	15°40	19°51	21°18	3°27	1°15	0°24	14°55	n.a.	S 19
M20	21 14 42	16°38'27	3♍50	0♍54	28°56	24°19	10°31	15°47	19°54	21°17	3°28	1° 2	0°21	15° 2	n.a.	M20
T 21	21 18 38	17°37'27	16° 3	2°29	0♌11	24°57	10°29	15°54	19°57	21°16	3°29	0°49	0°18	15° 9	n.a.	T 21
W22	21 22 35	18°36'29	28° 6	4° 3	1°25	25°35	10°27	16° 2	20° 1	21°15	3°30	0°38	0°15	15°16	n.a.	W22
T 23	21 26 31	19°35'32	10♎ 1	5°36	2°40	26°13	10°24	16° 9	20° 4	21°15	3°31	0°30	0°11	15°22	n.a.	T 23
F 24	21 30 28	20°34'38	21°50	7° 8	3°54	26°51	10°21	16°17	20° 7	21°14	3°32	0°24	0° 8	15°29	n.a.	F 24
S 25	21 34 24	21°33'45	3♏38	8°40	5° 9	27°29	10°18	16°24	20°11	21°13	3°33	0°21	0° 5	15°36	n.a.	S 25
S 26	21 38 21	22°32'55	15°30	10°10	6°24	28° 7	10°15	16°31	20°14	21°13	3°34	0°20	0° 2	15°42	n.a.	S 26
M27	21 42 17	23°32'06	27°32	11°39	7°38	28°45	10°12	16°39	20°18	21°12	3°35	0°19	29♏59	15°49	n.a.	M27
T 28	21 46 14	24°31'19	9♐47	13° 8	8°53	29°23	10° 8	16°46	20°21	21°12	3°36	0°19	29°56	15°56	n.a.	T 28
W29	21 50 11	25°30'35	22°23	14°36	10° 8	0♌ 1	10° 4	16°53	20°25	21°11	3°37	0°18	29°52	16° 2	n.a.	W29
T 30	21 54 7	26°29'52	5♉23	16° 3	11°23	0°39	10° 0	17° 1	20°28	21°11	3°38	0°14	29°49	16° 9	n.a.	T 30
F 31	21 58 4	27♌29'11	18♉50	17♍29	12♌38	1♌17	9♈56	17♌ 8	20♍32	21♐10	3♏40	0♐ 8	29♏46	16♎16	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n52	21s52	1n 2	22n42	1n48	24n 2	0n21	24n19	1n 6	2n52	1s31	18n41	1n44	5n 5	0n42	22s56	0n36	3s11	10n14	21s 4	20s45	8s43		n.a.
T 2	20 40	21 39	2 8	22 18	1 46	24 1	0 23	24 16	1 6	2 53	1 31	18 39	1 44	5 4	0 42	22 56	0 36	3 11	10 14	21 4	20 44	8 45		n.a.
F 3	20 28	20 14	3 8	21 51	1 45	24 0	0 26	24 13	1 6	2 53	1 31	18 37	1 44	5 3	0 42	22 56	0 36	3 12	10 14	21 3	20 44	8 47		n.a.
S 4	20 15	17 36	4 0	21 23	1 43	23 57	0 28	24 9	1 7	2 53	1 31	18 35	1 44	5 2	0 42	22 56	0 36	3 12	10 13	21 1	20 43	8 49		n.a.
S 5	20 2	13 54	4 38	20 53	1 40	23 54	0 31	24 5	1 7	2 53	1 31	18 33	1 44	5 1	0 42	22 56	0 36	3 13	10 13	20 59	20 42	8 51		n.a.
M 6	19 48	9 21	5 0	20 22	1 37	23 50	0 33	24 1	1 7	2 53	1 32	18 31	1 44	5 0	0 42	22 56	0 36	3 13	10 12	20 57	20 42	8 54		n.a.
T 7	19 34	4 13	5 3	19 50	1 34	23 46	0 35	23 56	1 7	2 53	1 32	18 29	1 44	4 58	0 42	22 56	0 36	3 14	10 12	20 56	20 41	8 56		n.a.
W 8	19 20	1n 9	4 46	19 17	1 30	23 40	0 38	23 52	1 8	2 53	1 32	18 27	1 44	4 57	0 42	22 56	0 36	3 14	10 11	20 54	20 40	8 58		n.a.
T 9	19 6	6 27	4 11	18 43	1 26	23 34	0 40	23 47	1 8	2 53	1 32	18 25	1 44	4 56	0 42	22 56	0 36	3 15	10 11	20 53	20 40	9 0		n.a.
F 10	18 51	11 21	3 21	18 8	1 21	23 28	0 42	23 43	1 8	2 53	1 33	18 22	1 44	4 55	0 42	22 56	0 36	3 16	10 11	20 52	20 39	9 2		n.a.
S 11	18 36	15 33	2 18	17 31	1 17	23 20	0 44	23 38	1 9	2 53	1 33	18 20	1 44	4 54	0 42	22 56	0 36	3 16	10 10	20 52	20 38	9 4		n.a.
S 12	18 20	18 50	1 8	16 55	1 12	23 12	0 47	23 32	1 9	2 52	1 33	18 18	1 44	4 52	0 42	22 56	0 36	3 17	10 10	20 52	20 38	9 6		n.a.
M13	18 5	20 58	0s 4	16 17	1 6	23 3	0 49	23 27	1 9	2 52	1 33	18 16	1 44	4 51	0 42	22 56	0 36	3 17	10 9	20 52	20 37	9 8		n.a.
T 14	17 48	21 50	1 16	15 39	1 1	22 54	0 51	23 22	1 9	2 51	1 34	18 14	1 44	4 50	0 42	22 56	0 36	3 18	10 9	20 52	20 36	9 10		n.a.
W15	17 32	21 27	2 22	15 0	0 55	22 44	0 53	23 16	1 10	2 51	1 34	18 12	1 44	4 48	0 42	22 56	0 36	3 19	10 8	20 51	20 36	9 12		n.a.
T 16	17 15	19 52	3 19	14 21	0 49	22 33	0 55	23 10	1 10	2 50	1 34	18 9	1 44	4 47	0 42	22 56	0 36	3 19	10 8	20 50	20 35	9 14		n.a.
F 17	16 58	17 16	4 5	13 42	0 43	22 21	0 57	23 4	1 10	2 49	1 34	18 7	1 44	4 46	0 42	22 56	0 36	3 20	10 8	20 49	20 34	9 17		n.a.
S 18	16 41	13 53	4 38	13 2	0 36	22 9	0 59	22 58	1 10	2 48	1 34	18 5	1 44	4 45	0 42	22 56	0 36	3 20	10 7	20 46	20 34	9 19		n.a.
S 19	16 23	9 55	4 56	12 21	0 30	21 56	1 0	22 51	1 11	2 48	1 35	18 3	1 44	4 43	0 42	22 56	0 35	3 21	10 7	20 44	20 33	9 21		n.a.
M20	16 5	5 36	5 0	11 41	0 23	21 42	1 2	22 45	1 11	2 47	1 35	18 1	1 45	4 42	0 42	22 56	0 35	3 22	10 6	20 41	20 32	9 23		n.a.
T 21	15 47	1 8	4 50	11 0	0 16	21 28	1 4	22 38	1 11	2 45	1 35	17 59	1 45	4 41	0 42	22 56	0 35	3 23	10 6	20 38	20 32	9 25		n.a.
W22	15 29	3s19	4 28	10 19	0 9	21 13	1 6	22 31	1 11	2 44	1 35	17 56	1 45	4 39	0 42	22 56	0 35	3 23	10 5	20 36	20 31	9 27		n.a.
T 23	15 10	7 35	3 53	9 38	0 2	20 57	1 7	22 24	1 12	2 43	1 36	17 54	1 45	4 38	0 42	22 56	0 35	3 24	10 5	20 34	20 30	9 29		n.a.
F 24	14 51	11 33	3 9	8 57	0s 5	20 41	1 9	22 17	1 12	2 42	1 36	17 52	1 45	4 36	0 42	22 56	0 35	3 25	10 5	20 33	20 30	9 31		n.a.
S 25	14 32	15 3	2 16	8 16	0 12	20 24	1 10	22 10	1 12	2 40	1 36	17 50	1 45	4 35	0 42	22 56	0 35	3 25	10 4	20 32	20 29	9 33		n.a.
S 26	14 13	17 58	1 18	7 34	0 19	20 7	1 12	22 2	1 12	2 39	1 36	17 48	1 45	4 34	0 42	22 56	0 35	3 26	10 4	20 32	20 28	9 35		n.a.
M27	13 53	20 9	0 15	6 53	0 27	19 49	1 13	21 55	1 13	2 37	1 36	17 45	1 45	4 32	0 42	22 56	0 35	3 27	10 3	20 32	20 28	9 37		n.a.
T 28	13 33	21 26	0n50	6 12	0 34	19 30	1 14	21 47	1 13	2 36	1 37	17 43	1 45	4 31	0 42	22 56	0 35	3 28	10 3	20 32	20 27	9 39		n.a.
W29	13 13	21 41	1 54	5 31	0 42	19 11	1 16	21 39	1 13	2 34	1 37	17 41	1 45	4 29	0 42	22 56	0 35	3 28	10 3	20 32	20 26	9 41		n.a.
T 30	12 53	20 48	2 54	4 50	0 49	18 52	1 17	21 31	1 13	2 32	1 37	17 39	1 45	4 28	0 42	22 56	0 35	3 29	10 2	20 31	20 25	9 43		n.a.
F 31	12n32	18s43	3n47	4n10	0s56	18n31	1n18	21n23	1n14	2n31	1s37	17n37	1n45	4n27	0n42	22s56	0n35	3s30	10n 2	20s30	20s25	9s45		n.a.

Julian Day Number = 1368438.5, Delta T = 06h52m47s
Ecliptic obliquity = 23°48'33, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°25'05, Lahiri = -17°18'04 Julian Calendar 1 Aug. 967 BCE == Greg. Calendar 23 July 967 BCE

The year -966 astronomical counting style corresponds to year 967 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 967 BCE
geocentric

SEPTEMBER 967 BCE (-966) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 2 0	28♌28'32	2♒46	18♍53	13♌53	1♌55	9°R52	17♌15	20♍35	21°R10	3♏41	29°R59	29♏43	16♎22	n.a.	S 1
S 2	22 5 57	29°27'55	17° 7	20°17	15° 7	2°33	9♈47	17°22	20°39	21♐10	3°42	29♏49	29°40	16°29	n.a.	S 2
M 3	22 9 53	0♍27'21	1♓48	21°40	16°22	3°11	9°43	17°30	20°43	21° 9	3°43	29°37	29°37	16°36	n.a.	M 3
T 4	22 13 50	1°26'48	16°43	23° 2	17°37	3°49	9°38	17°37	20°46	21° 9	3°45	29°25	29°33	16°42	n.a.	T 4
W 5	22 17 46	2°26'17	1♈40	24°23	18°52	4°27	9°33	17°44	20°50	21° 9	3°46	29°16	29°30	16°49	n.a.	W 5
T 6	22 21 43	3°25'49	16°32	25°43	20° 7	5° 5	9°28	17°51	20°53	21° 8	3°47	29° 8	29°27	16°56	n.a.	T 6
F 7	22 25 40	4°25'24	1♉11	27° 1	21°22	5°43	9°22	17°58	20°57	21° 8	3°49	29° 4	29°24	17° 2	n.a.	F 7
S 8	22 29 36	5°25'01	15°33	28°18	22°38	6°21	9°17	18° 6	21° 1	21° 8	3°50	29° 2	29°21	17° 9	n.a.	S 8
S 9	22 33 33	6°24'40	29°35	29°34	23°53	7° 0	9°11	18°13	21° 4	21° 8	3°51	29° 2	29°17	17°16	n.a.	S 9
M10	22 37 29	7°24'22	13♊17	0♎49	25° 8	7°38	9° 5	18°20	21° 8	21° 8	3°53	29° 1	29°14	17°23	n.a.	M10
T 11	22 41 26	8°24'06	26°42	2° 2	26°23	8°16	8°59	18°27	21°12	21° 8	3°54	29° 0	29°11	17°29	n.a.	T 11
W12	22 45 22	9°23'53	9♋50	3°13	27°38	8°54	8°53	18°34	21°16	21°D 8	3°56	28°57	29° 8	17°36	n.a.	W12
T 13	22 49 19	10°23'41	22°45	4°22	28°53	9°32	8°47	18°41	21°19	21° 8	3°57	28°51	29° 5	17°43	n.a.	T 13
F 14	22 53 15	11°23'33	5♌27	5°29	0♍ 9	10°10	8°41	18°48	21°23	21° 8	3°59	28°43	29° 2	17°49	n.a.	F 14
S 15	22 57 12	12°23'26	17°59	6°35	1°24	10°48	8°34	18°55	21°27	21° 8	4° 1	28°31	28°58	17°56	n.a.	S 15
S 16	23 1 8	13°23'22	0♍20	7°37	2°39	11°26	8°27	19° 2	21°31	21° 8	4° 2	28°18	28°55	18° 3	n.a.	S 16
M17	23 5 5	14°23'20	12°33	8°37	3°55	12° 4	8°21	19° 9	21°34	21° 8	4° 4	28° 4	28°52	18° 9	n.a.	M17
T 18	23 9 2	15°23'19	24°37	9°35	5°10	12°42	8°14	19°16	21°38	21° 8	4° 5	27°51	28°49	18°16	n.a.	T 18
W19	23 12 58	16°23'21	6♎34	10°29	6°25	13°20	8° 7	19°23	21°42	21° 8	4° 7	27°39	28°46	18°23	n.a.	W19
T 20	23 16 55	17°23'25	18°25	11°19	7°41	13°58	8° 0	19°29	21°46	21° 9	4° 9	27°30	28°42	18°29	n.a.	T 20
F 21	23 20 51	18°23'31	0♏12	12° 5	8°56	14°36	7°52	19°36	21°49	21° 9	4°11	27°24	28°39	18°36	n.a.	F 21
S 22	23 24 48	19°23'38	11°59	12°47	10°12	15°14	7°45	19°43	21°53	21° 9	4°12	27°20	28°36	18°43	n.a.	S 22
S 23	23 28 44	20°23'48	23°50	13°25	11°27	15°52	7°37	19°50	21°57	21°10	4°14	27°D19	28°33	18°49	n.a.	S 23
M24	23 32 41	21°23'59	5♐49	13°56	12°42	16°30	7°30	19°56	22° 1	21°10	4°16	27°19	28°30	18°56	n.a.	M24
T 25	23 36 37	22°24'11	18° 1	14°22	13°58	17° 8	7°22	20° 3	22° 5	21°10	4°18	27°R20	28°27	19° 3	n.a.	T 25
W26	23 40 34	23°24'26	0♑33	14°41	15°13	17°46	7°15	20° 9	22° 8	21°11	4°20	27°20	28°23	19° 9	n.a.	W26
T 27	23 44 31	24°24'42	13°28	14°53	16°29	18°24	7° 7	20°16	22°12	21°11	4°22	27°18	28°20	19°16	n.a.	T 27
F 28	23 48 27	25°25'00	26°50	14°R57	17°44	19° 2	6°59	20°22	22°16	21°12	4°23	27°14	28°17	19°23	n.a.	F 28
S 29	23 52 24	26°25'19	10♒43	14°52	19° 0	19°40	6°51	20°29	22°20	21°12	4°25	27° 7	28°14	19°29	n.a.	S 29
S 30	23 56 20	27♍25'40	25♒ 6	14♎39	20♍15	20♌18	6♈43	20♌35	22♍24	21♐13	4♏27	26♏59	28♏11	19♎36	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n11	15s30	4n28	3n29	1s 4	18n10	1n19	21n14	1n14	2n29	1s37	17n34	1n45	4n25	0n41	22s56	0n35	3s31	10n 1	20s28	20s24	9s47		n.a.
S 2	11 50	11 18	4 53	2 49	1 11	17 49	1 20	21 6	1 14	2 27	1 37	17 32	1 46	4 24	0 41	22 56	0 35	3 31	10 1	20 25	20 23	9 49		n.a.
M 3	11 29	6 20	5 0	2 9	1 18	17 27	1 21	20 57	1 14	2 25	1 38	17 30	1 46	4 22	0 41	22 56	0 35	3 32	10 1	20 23	20 23	9 51		n.a.
T 4	11 8	0 56	4 47	1 30	1 25	17 5	1 22	20 48	1 15	2 23	1 38	17 28	1 46	4 21	0 41	22 56	0 35	3 33	10 0	20 20	20 22	9 53		n.a.
W 5	10 46	4n33	4 14	0 51	1 33	16 42	1 22	20 39	1 15	2 21	1 38	17 26	1 46	4 19	0 41	22 56	0 35	3 34	10 0	20 18	20 21	9 55		n.a.
T 6	10 24	9 44	3 24	0 13	1 40	16 19	1 23	20 30	1 15	2 18	1 38	17 24	1 46	4 18	0 41	22 56	0 35	3 35	9 59	20 17	20 21	9 57		n.a.
F 7	10 2	14 16	2 21	0s25	1 47	15 55	1 24	20 21	1 15	2 16	1 38	17 22	1 46	4 16	0 41	22 56	0 35	3 35	9 59	20 16	20 20	9 59		n.a.
S 8	9 40	17 52	1 11	1 3	1 54	15 31	1 24	20 11	1 16	2 14	1 38	17 19	1 46	4 15	0 41	22 56	0 35	3 36	9 59	20 15	20 19	10 1		n.a.
S 9	9 18	20 20	0s 3	1 40	2 0	15 6	1 25	20 2	1 16	2 11	1 38	17 17	1 46	4 13	0 41	22 56	0 35	3 37	9 58	20 15	20 19	10 3		n.a.
M10	8 55	21 31	1 15	2 16	2 7	14 41	1 25	19 52	1 16	2 9	1 39	17 15	1 46	4 12	0 41	22 56	0 35	3 38	9 58	20 15	20 18	10 5		n.a.
T 11	8 33	21 25	2 21	2 51	2 13	14 15	1 26	19 42	1 16	2 7	1 39	17 13	1 46	4 10	0 41	22 56	0 35	3 39	9 58	20 15	20 17	10 7		n.a.
W12	8 10	20 9	3 18	3 25	2 19	13 49	1 26	19 32	1 16	2 4	1 39	17 11	1 47	4 9	0 41	22 56	0 35	3 39	9 57	20 14	20 16	10 9		n.a.
T 13	7 47	17 51	4 4	3 59	2 25	13 23	1 26	19 22	1 17	2 1	1 39	17 9	1 47	4 7	0 41	22 56	0 35	3 40	9 57	20 13	20 16	10 11		n.a.
F 14	7 24	14 44	4 37	4 31	2 31	12 56	1 27	19 12	1 17	1 59	1 39	17 7	1 47	4 6	0 41	22 56	0 35	3 41	9 57	20 11	20 15	10 13		n.a.
S 15	7 1	10 59	4 56	5 2	2 36	12 29	1 27	19 2	1 17	1 56	1 39	17 4	1 47	4 4	0 41	22 56	0 35	3 42	9 56	20 8	20 14	10 15		n.a.
S 16	6 38	6 50	5 1	5 32	2 41	12 2	1 27	18 51	1 17	1 53	1 39	17 2	1 47	4 3	0 41	22 56	0 35	3 43	9 56	20 5	20 14	10 17		n.a.
M17	6 14	2 28	4 51	6 0	2 46	11 34	1 27	18 41	1 17	1 50	1 39	17 0	1 47	4 1	0 41	22 56	0 35	3 44	9 56	20 2	20 13	10 19		n.a.
T 18	5 51	1s56	4 29	6 27	2 50	11 6	1 27	18 30	1 18	1 48	1 39	16 58	1 47	4 0	0 41	22 56	0 35	3 45	9 55	19 59	20 12	10 21		n.a.
W19	5 27	6 14	3 55	6 52	2 53	10 38	1 27	18 19	1 18	1 45	1 39	16 56	1 47	3 58	0 41	22 56	0 35	3 45	9 55	19 56	20 12	10 23		n.a.
T 20	5 3	10 16	3 11	7 15	2 57	10 9	1 26	18 8	1 18	1 42	1 40	16 54	1 48	3 57	0 41	22 56	0 34	3 46	9 55	19 54	20 11	10 25		n.a.
F 21	4 40	13 53	2 19	7 35	2 59	9 40	1 26	17 57	1 18	1 39	1 40	16 52	1 48	3 55	0 41	22 56	0 34	3 47	9 54	19 53	20 10	10 27		n.a.
S 22	4 16	16 57	1 21	7 54	3 1	9 11	1 26	17 46	1 18	1 36	1 40	16 50	1 48	3 54	0 41	22 56	0 34	3 48	9 54	19 52	20 9	10 29		n.a.
S 23	3 52	19 19	0 19	8 10	3 2	8 41	1 25	17 34	1 19	1 33	1 40	16 48	1 48	3 52	0 41	22 56	0 34	3 49	9 54	19 52	20 9	10 31		n.a.
M24	3 28	20 52	0n45	8 22	3 2	8 12	1 25	17 23	1 19	1 30	1 40	16 46	1 48	3 51	0 41	22 56	0 34	3 50	9 53	19 52	20 8	10 33		n.a.
T 25	3 4	21 28	1 48	8 32	3 2	7 42	1 24	17 12	1 19	1 27	1 40	16 44	1 48	3 49	0 41	22 56	0 34	3 51	9 53	19 52	20 7	10 35		n.a.
W26	2 39	21 1	2 48	8 38	3 0	7 12	1 24	17 0	1 19	1 24	1 40	16 42	1 48	3 48	0 41	22 56	0 34	3 52	9 53	19 52	20 7	10 37		n.a.
T 27	2 15	19 27	3 41	8 40	2 57	6 41	1 23	16 48	1 19	1 21	1 40	16 40	1 49	3 46	0 41	22 56	0 34	3 53	9 52	19 52	20 6	10 39		n.a.
F 28	1 51	16 48	4 23	8 37	2 53	6 11	1 22	16 36	1 20	1 17	1 40	16 38	1 49	3 45	0 41	22 57	0 34	3 53	9 52	19 51	20 5	10 41		n.a.
S 29	1 27	13 7	4 53	8 30	2 47	5 40	1 22	16 24	1 20	1 14	1 40	16 36	1 49	3 43	0 41	22 57	0 34	3 54	9 52	19 49	20 4	10 43		n.a.
S 30	1n 2	8s34	5n 5	8s18	2s40	5n 9	1n21	16n12	1n20	1n11	1s40	16n34	1n49	3n42	0n41	22s57	0n34	3s55	9n51	19s47	20s 4	10s45		n.a.

Julian Day Number = 1368469.5, Delta T = 06h52m46s
Ecliptic obliquity = 23°48'34, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°25'00, Lahiri = -17°18'00 Julian Calendar 1 Sept. 967 BCE == Greg. Calendar 23 Aug. 967 BCE

The year -966 astronomical counting style corresponds to year 967 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 967 BCE
geocentric

OCTOBER 967 BCE (-966) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 0 17	28♍26'02	9♓54	14°R15	21♍31	20♌56	6°R35	20♌42	22♍27	21♐14	4♏29	26°R50	28♏ 8	19♎43	n.a.	M 1
T 2	0 4 13	29°26'27	25° 0	13♎42	22°46	21°34	6♈27	20°48	22°31	21°14	4°31	26♏41	28° 4	19°49	n.a.	T 2
W 3	0 8 10	0♎26'53	10♈15	13° 0	24° 2	22°12	6°19	20°54	22°35	21°15	4°33	26°33	28° 1	19°56	n.a.	W 3
T 4	0 12 6	1°27'20	25°27	12° 7	25°17	22°50	6°11	21° 0	22°39	21°16	4°35	26°27	27°58	20° 3	n.a.	T 4
F 5	0 16 3	2°27'50	10♉27	11° 6	26°33	23°28	6° 3	21° 7	22°42	21°16	4°37	26°23	27°55	20° 9	n.a.	F 5
S 6	0 19 59	3°28'22	25° 7	9°57	27°49	24° 6	5°55	21°13	22°46	21°17	4°39	26°D22	27°52	20°16	n.a.	S 6
S 7	0 23 56	4°28'56	9♊23	8°42	29° 4	24°44	5°46	21°19	22°50	21°18	4°41	26°23	27°48	20°23	n.a.	S 7
M 8	0 27 53	5°29'31	23°14	7°23	0♎20	25°22	5°38	21°25	22°54	21°19	4°43	26°24	27°45	20°29	n.a.	M 8
T 9	0 31 49	6°30'09	6♋41	6° 2	1°35	26° 0	5°30	21°31	22°57	21°20	4°45	26°R25	27°42	20°36	n.a.	T 9
W10	0 35 46	7°30'49	19°46	4°43	2°51	26°38	5°22	21°36	23° 1	21°21	4°47	26°24	27°39	20°43	n.a.	W10
T 11	0 39 42	8°31'30	2♌32	3°27	4° 6	27°16	5°14	21°42	23° 5	21°22	4°50	26°21	27°36	20°49	n.a.	T 11
F 12	0 43 39	9°32'13	15° 3	2°17	5°22	27°54	5° 5	21°48	23° 8	21°22	4°52	26°16	27°33	20°56	n.a.	F 12
S 13	0 47 35	10°32'58	27°22	1°16	6°38	28°32	4°57	21°54	23°12	21°23	4°54	26° 9	27°29	21° 3	n.a.	S 13
S 14	0 51 32	11°33'45	9♍31	0°24	7°53	29°10	4°49	21°59	23°16	21°25	4°56	26° 1	27°26	21°10	n.a.	S 14
M15	0 55 28	12°34'33	21°32	29♍44	9° 9	29°48	4°41	22° 5	23°19	21°26	4°58	25°52	27°23	21°16	n.a.	M15
T 16	0 59 25	13°35'23	3♎28	29°15	10°25	0♍26	4°33	22°10	23°23	21°27	5° 0	25°43	27°20	21°23	n.a.	T 16
W17	1 3 22	14°36'14	15°19	28°57	11°40	1° 4	4°25	22°16	23°27	21°28	5° 2	25°36	27°17	21°30	n.a.	W17
T 18	1 7 18	15°37'06	27° 8	28°D52	12°56	1°42	4°17	22°21	23°30	21°29	5° 5	25°30	27°14	21°36	n.a.	T 18
F 19	1 11 15	16°38'00	8♏56	28°57	14°11	2°20	4° 9	22°27	23°34	21°30	5° 7	25°27	27°10	21°43	n.a.	F 19
S 20	1 15 11	17°38'56	20°45	29°12	15°27	2°58	4° 2	22°32	23°37	21°31	5° 9	25°D25	27° 7	21°50	n.a.	S 20
S 21	1 19 8	18°39'52	2♐39	29°37	16°43	3°36	3°54	22°37	23°41	21°33	5°11	25°25	27° 4	21°56	n.a.	S 21
M22	1 23 4	19°40'49	14°41	0♎10	17°58	4°14	3°46	22°42	23°44	21°34	5°14	25°26	27° 1	22° 3	n.a.	M22
T 23	1 27 1	20°41'48	26°54	0°51	19°14	4°52	3°39	22°47	23°48	21°35	5°16	25°28	26°58	22°10	n.a.	T 23
W24	1 30 57	21°42'47	9♑24	1°39	20°30	5°30	3°32	22°52	23°51	21°37	5°18	25°30	26°54	22°16	n.a.	W24
T 25	1 34 54	22°43'48	22°14	2°32	21°45	6° 8	3°24	22°57	23°55	21°38	5°20	25°R30	26°51	22°23	n.a.	T 25
F 26	1 38 51	23°44'49	5♒29	3°31	23° 1	6°45	3°17	23° 2	23°58	21°39	5°23	25°30	26°48	22°30	n.a.	F 26
S 27	1 42 47	24°45'51	19°11	4°34	24°16	7°23	3°10	23° 6	24° 2	21°41	5°25	25°28	26°45	22°36	n.a.	S 27
S 28	1 46 44	25°46'53	3♓21	5°42	25°32	8° 1	3° 3	23°11	24° 5	21°42	5°27	25°24	26°42	22°43	n.a.	S 28
M29	1 50 40	26°47'57	17°58	6°53	26°48	8°39	2°56	23°15	24° 8	21°44	5°29	25°20	26°39	22°50	n.a.	M29
T 30	1 54 37	27°49'01	2♈57	8° 6	28° 3	9°17	2°49	23°20	24°12	21°45	5°32	25°16	26°35	22°56	n.a.	T 30
W31	1 58 33	28♎50'06	18♈10	9♎23	29♎19	9♍55	2♈43	23♌24	24♍15	21♐47	5♏34	25♏12	26♏32	23♎ 3	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	0n38	3s24	4n57	8s 1	2s31	4n38	1n20	16n 0	1n20	1n 8	1s40	16n32	1n49	3n40	0n41	22s57	0n34	3s56	9n51	19s45	20s 3	10s47			n.a.
T 2	0 14	2n 5	4 29	7 38	2 20	4 7	1 19	15 48	1 20	1 5	1 40	16 30	1 49	3 39	0 41	22 57	0 34	3 57	9 51	19 43	20 2	10 49			n.a.
W 3	0s11	7 30	3 41	7 9	2 7	3 36	1 18	15 35	1 20	1 1	1 40	16 29	1 50	3 37	0 41	22 57	0 34	3 58	9 51	19 41	20 1	10 51			n.a.
T 4	0 35	12 26	2 38	6 35	1 53	3 4	1 17	15 23	1 21	0 58	1 40	16 27	1 50	3 36	0 41	22 57	0 34	3 59	9 50	19 40	20 1	10 53			n.a.
F 5	1 0	16 31	1 25	5 56	1 37	2 33	1 16	15 10	1 21	0 55	1 40	16 25	1 50	3 34	0 41	22 57	0 34	4 0	9 50	19 39	20 0	10 55			n.a.
S 6	1 24	19 27	0 7	5 13	1 19	2 1	1 15	14 58	1 21	0 52	1 40	16 23	1 50	3 33	0 41	22 57	0 34	4 1	9 50	19 39	19 59	10 57			n.a.
S 7	1 48	21 3	1s10	4 25	1 0	1 30	1 13	14 45	1 21	0 49	1 39	16 21	1 50	3 31	0 41	22 57	0 34	4 2	9 50	19 39	19 59	10 58			n.a.
M 8	2 13	21 19	2 20	3 35	0 40	0 58	1 12	14 32	1 21	0 45	1 39	16 19	1 50	3 30	0 41	22 57	0 34	4 3	9 49	19 39	19 58	11 0			n.a.
T 9	2 37	20 19	3 20	2 44	0 20	0 26	1 11	14 19	1 21	0 42	1 39	16 18	1 51	3 28	0 41	22 57	0 34	4 3	9 49	19 39	19 57	11 2			n.a.
W10	3 2	18 15	4 8	1 53	0n 1	0s 6	1 9	14 6	1 22	0 39	1 39	16 16	1 51	3 27	0 41	22 58	0 34	4 4	9 49	19 39	19 56	11 4			n.a.
T 11	3 26	15 19	4 42	1 4	0 22	0 37	1 8	13 53	1 22	0 36	1 39	16 14	1 51	3 25	0 41	22 58	0 34	4 5	9 49	19 38	19 56	11 6			n.a.
F 12	3 50	11 45	5 2	0 18	0 41	1 9	1 6	13 40	1 22	0 33	1 39	16 12	1 51	3 24	0 41	22 58	0 34	4 6	9 48	19 37	19 55	11 8			n.a.
S 13	4 14	7 45	5 8	0n24	0 59	1 41	1 5	13 27	1 22	0 29	1 39	16 11	1 51	3 22	0 41	22 58	0 34	4 7	9 48	19 35	19 54	11 10			n.a.
S 14	4 38	3 30	5 0	1 0	1 16	2 13	1 3	13 13	1 22	0 26	1 39	16 9	1 52	3 21	0 41	22 58	0 34	4 8	9 48	19 33	19 53	11 12			n.a.
M15	5 3	0s51	4 38	1 30	1 31	2 44	1 1	13 0	1 22	0 23	1 39	16 7	1 52	3 19	0 41	22 58	0 34	4 9	9 48	19 31	19 53	11 14			n.a.
T 16	5 27	5 8	4 5	1 54	1 44	3 16	1 0	12 46	1 22	0 20	1 39	16 6	1 52	3 18	0 41	22 58	0 34	4 10	9 48	19 29	19 52	11 16			n.a.
W17	5 51	9 12	3 20	2 11	1 55	3 48	0 58	12 33	1 23	0 17	1 38	16 4	1 52	3 16	0 41	22 58	0 34	4 11	9 47	19 27	19 51	11 18			n.a.
T 18	6 14	12 54	2 28	2 22	2 5	4 19	0 56	12 19	1 23	0 14	1 38	16 3	1 52	3 15	0 41	22 58	0 34	4 12	9 47	19 26	19 51	11 19			n.a.
F 19	6 38	16 5	1 29	2 27	2 12	4 51	0 54	12 5	1 23	0 11	1 38	16 1	1 53	3 14	0 41	22 58	0 34	4 13	9 47	19 25	19 50	11 21			n.a.
S 20	7 2	18 38	0 25	2 26	2 18	5 22	0 53	11 52	1 23	0 8	1 38	15 59	1 53	3 12	0 41	22 59	0 34	4 13	9 47	19 25	19 49	11 23			n.a.
S 21	7 25	20 22	0n39	2 20	2 22	5 53	0 51	11 38	1 23	0 5	1 38	15 58	1 53	3 11	0 41	22 59	0 34	4 14	9 47	19 25	19 48	11 25			n.a.
M22	7 49	21 12	1 43	2 9	2 25	6 24	0 49	11 24	1 23	0 2	1 38	15 56	1 53	3 9	0 41	22 59	0 34	4 15	9 46	19 25	19 48	11 27			n.a.
T 23	8 12	21 3	2 44	1 54	2 27	6 55	0 47	11 10	1 23	0s 1	1 37	15 55	1 53	3 8	0 41	22 59	0 33	4 16	9 46	19 26	19 47	11 29			n.a.
W24	8 35	19 51	3 38	1 35	2 27	7 26	0 45	10 56	1 23	0 4	1 37	15 53	1 54	3 6	0 41	22 59	0 33	4 17	9 46	19 26	19 46	11 31			n.a.
T 25	8 58	17 38	4 22	1 13	2 27	7 57	0 43	10 42	1 23	0 6	1 37	15 52	1 54	3 5	0 41	22 59	0 33	4 18	9 46	19 26	19 45	11 33			n.a.
F 26	9 21	14 26	4 55	0 48	2 25	8 27	0 41	10 27	1 24	0 9	1 37	15 51	1 54	3 4	0 41	22 59	0 33	4 19	9 46	19 26	19 45	11 34			n.a.
S 27	9 44	10 22	5 12	0 20	2 23	8 57	0 39	10 13	1 24	0 12	1 37	15 49	1 54	3 2	0 41	22 59	0 33	4 20	9 46	19 25	19 44	11 36			n.a.
S 28	10 7	5 37	5 11	0s10	2 20	9 27	0 36	9 59	1 24	0 14	1 36	15 48	1 55	3 1	0 41	22 59	0 33	4 21	9 45	19 25	19 43	11 38			n.a.
M29	10 29	0 24	4 50	0 42	2 16	9 57	0 34	9 45	1 24	0 17	1 36	15 47	1 55	3 0	0 41	23 0	0 33	4 21	9 45	19 24	19 42	11 40			n.a.
T 30	10 51	4n59	4 9	1 15	2 12	10 27	0 32	9 30	1 24	0 19	1 36	15 45	1 55	2 58	0 41	23 0	0 33	4 22	9 45	19 23	19 42	11 42			n.a.
W31	11s14	10n 9	3n10	1s50	2n 7	10s56	0n30	9n16	1n24	0s22	1s36	15n44	1n55	2n57	0n42	23s 0	0n33	4s23	9n45	19s22	19s41	11s44			n.a.

Julian Day Number = 1368499.5, Delta T = 06h52m44s
Ecliptic obliquity = 23°48'34, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°24'56, Lahiri = -17°17'56 Julian Calendar 1 Oct. 967 BCE == Greg. Calendar 22 Sept. 967 BCE

The year -966 astronomical counting style corresponds to year 967 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 967 BCE
geocentric

NOVEMBER 967 BCE (-966) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 2 30	29♎51'12	3♉27	10♎41	0♏34	10♍33	2°R36	23♌29	24♍18	21♐48	5♏36	25°R10	26♏29	23♎10	n.a.	T 1
F 2	2 6 26	0♏52'18	18°37	12° 1	1°50	11°11	2♈30	23°33	24°22	21°50	5°39	25°D 9	26°26	23°16	n.a.	F 2
S 3	2 10 23	1°53'26	3♊32	13°23	3° 6	11°49	2°24	23°37	24°25	21°51	5°41	25♏ 9	26°23	23°23	n.a.	S 3
S 4	2 14 20	2°54'35	18° 4	14°47	4°21	12°26	2°18	23°41	24°28	21°53	5°43	25°10	26°19	23°30	n.a.	S 4
M 5	2 18 16	3°55'45	2♋ 9	16°11	5°37	13° 4	2°12	23°45	24°31	21°55	5°46	25°11	26°16	23°36	n.a.	M 5
T 6	2 22 13	4°56'55	15°47	17°37	6°52	13°42	2° 6	23°49	24°34	21°56	5°48	25°13	26°13	23°43	n.a.	T 6
W 7	2 26 9	5°58'07	28°59	19° 3	8° 8	14°20	2° 0	23°53	24°37	21°58	5°50	25°14	26°10	23°50	n.a.	W 7
T 8	2 30 6	6°59'20	11♌48	20°31	9°23	14°58	1°55	23°56	24°40	22° 0	5°52	25°R14	26° 7	23°56	n.a.	T 8
F 9	2 34 2	8° 0'33	24°17	21°59	10°39	15°36	1°50	24° 0	24°43	22° 1	5°55	25°13	26° 4	24° 3	n.a.	F 9
S 10	2 37 59	9° 1'47	6♍30	23°27	11°54	16°13	1°45	24° 3	24°46	22° 3	5°57	25°11	26° 0	24°10	n.a.	S 10
S 11	2 41 55	10° 3'02	18°33	24°56	13°10	16°51	1°40	24° 7	24°49	22° 5	5°59	25° 9	25°57	24°16	n.a.	S 11
M12	2 45 52	11° 4'18	0♎27	26°26	14°26	17°29	1°35	24°10	24°52	22° 7	6° 2	25° 7	25°54	24°23	n.a.	M12
T 13	2 49 49	12° 5'34	12°17	27°56	15°41	18° 7	1°30	24°13	24°55	22° 9	6° 4	25° 5	25°51	24°30	n.a.	T 13
W14	2 53 45	13° 6'51	24° 5	29°26	16°57	18°45	1°26	24°17	24°58	22°10	6° 6	25° 3	25°48	24°36	n.a.	W14
T 15	2 57 42	14° 8'08	5♏54	0♏56	18°12	19°22	1°22	24°20	25° 1	22°12	6° 9	25° 1	25°45	24°43	n.a.	T 15
F 16	3 1 38	15° 9'26	17°46	2°27	19°28	20° 0	1°18	24°23	25° 4	22°14	6°11	25° 1	25°41	24°50	n.a.	F 16
S 17	3 5 35	16°10'44	29°43	3°59	20°43	20°38	1°14	24°26	25° 6	22°16	6°13	25°D 1	25°38	24°56	n.a.	S 17
S 18	3 9 31	17°12'02	11♐46	5°30	21°59	21°16	1°10	24°28	25° 9	22°18	6°15	25° 1	25°35	25° 3	n.a.	S 18
M19	3 13 28	18°13'21	23°59	7° 2	23°14	21°53	1° 7	24°31	25°12	22°20	6°18	25° 2	25°32	25°10	n.a.	M19
T 20	3 17 25	19°14'39	6♑22	8°34	24°30	22°31	1° 4	24°33	25°14	22°22	6°20	25° 2	25°29	25°16	n.a.	T 20
W21	3 21 21	20°15'58	18°59	10° 6	25°45	23° 9	1° 1	24°36	25°17	22°24	6°22	25° 3	25°25	25°23	n.a.	W21
T 22	3 25 18	21°17'16	1♒52	11°39	27° 1	23°46	0°58	24°38	25°19	22°26	6°24	25° 3	25°22	25°30	n.a.	T 22
F 23	3 29 14	22°18'33	15° 4	13°12	28°16	24°24	0°55	24°41	25°22	22°28	6°27	25° 4	25°19	25°36	n.a.	F 23
S 24	3 33 11	23°19'51	28°38	14°45	29°31	25° 2	0°53	24°43	25°24	22°30	6°29	25°R 4	25°16	25°43	n.a.	S 24
S 25	3 37 7	24°21'08	12♓33	16°19	0♐47	25°39	0°51	24°45	25°27	22°32	6°31	25° 4	25°13	25°50	n.a.	S 25
M26	3 41 4	25°22'25	26°51	17°52	2° 2	26°17	0°49	24°47	25°29	22°34	6°33	25°D 4	25°10	25°56	n.a.	M26
T 27	3 45 0	26°23'41	11♈29	19°26	3°18	26°54	0°47	24°49	25°31	22°36	6°36	25° 4	25° 6	26° 3	n.a.	T 27
W28	3 48 57	27°24'57	26°22	21° 1	4°33	27°32	0°45	24°50	25°34	22°38	6°38	25° 4	25° 3	26°10	n.a.	W28
T 29	3 52 54	28°26'13	11♉23	22°36	5°48	28°10	0°44	24°52	25°36	22°40	6°40	25° 4	25° 0	26°16	n.a.	T 29
F 30	3 56 50	29♏27'28	26♉25	24♏11	7♐ 4	28♍47	0♈43	24♌53	25♍38	22♐43	6♏42	25°R 4	24♏57	26♎23	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s36	14n41	1n57	2s26	2n 2	11s25	0n28	9n 1	1n24	0s24	1s35	15n43	1n55	2n56	0n42	23s 0	0n33	4s24	9n45	19s21	19s40	11s45		n.a.
F 2	11 57	18 12	0 36	3 3	1 56	11 54	0 25	8 47	1 24	0 27	1 35	15 42	1 56	2 54	0 42	23 0	0 33	4 25	9 45	19 21	19 39	11 47		n.a.
S 3	12 19	20 26	0s46	3 40	1 51	12 22	0 23	8 32	1 24	0 29	1 35	15 41	1 56	2 53	0 42	23 0	0 33	4 26	9 45	19 21	19 39	11 49		n.a.
S 4	12 40	21 13	2 3	4 18	1 45	12 50	0 21	8 18	1 24	0 31	1 35	15 39	1 56	2 52	0 42	23 0	0 33	4 27	9 45	19 21	19 38	11 51		n.a.
M 5	13 1	20 37	3 10	4 57	1 38	13 18	0 19	8 3	1 24	0 33	1 34	15 38	1 56	2 51	0 42	23 0	0 33	4 27	9 44	19 21	19 37	11 53		n.a.
T 6	13 22	18 49	4 5	5 36	1 32	13 46	0 16	7 48	1 25	0 35	1 34	15 37	1 57	2 49	0 42	23 1	0 33	4 28	9 44	19 22	19 36	11 55		n.a.
W 7	13 43	16 3	4 44	6 16	1 25	14 13	0 14	7 33	1 25	0 37	1 34	15 36	1 57	2 48	0 42	23 1	0 33	4 29	9 44	19 22	19 36	11 56		n.a.
T 8	14 3	12 35	5 8	6 55	1 19	14 40	0 12	7 19	1 25	0 39	1 34	15 35	1 57	2 47	0 42	23 1	0 33	4 30	9 44	19 22	19 35	11 58		n.a.
F 9	14 24	8 40	5 16	7 35	1 12	15 6	0 9	7 4	1 25	0 41	1 33	15 34	1 57	2 46	0 42	23 1	0 33	4 31	9 44	19 22	19 34	12 0		n.a.
S 10	14 44	4 28	5 10	8 15	1 5	15 32	0 7	6 49	1 25	0 43	1 33	15 33	1 58	2 45	0 42	23 1	0 33	4 32	9 44	19 21	19 33	12 2		n.a.
S 11	15 3	0 9	4 50	8 54	0 58	15 58	0 4	6 34	1 25	0 45	1 33	15 32	1 58	2 43	0 42	23 1	0 33	4 32	9 44	19 21	19 33	12 4		n.a.
M12	15 23	4s 7	4 18	9 34	0 51	16 23	0 2	6 19	1 25	0 46	1 32	15 31	1 58	2 42	0 42	23 1	0 33	4 33	9 44	19 20	19 32	12 6		n.a.
T 13	15 42	8 13	3 35	10 13	0 44	16 48	0s 0	6 4	1 25	0 48	1 32	15 30	1 58	2 41	0 42	23 1	0 33	4 34	9 44	19 20	19 31	12 7		n.a.
W14	16 1	12 0	2 43	10 52	0 37	17 12	0 3	5 49	1 25	0 49	1 32	15 30	1 59	2 40	0 42	23 2	0 33	4 35	9 44	19 19	19 30	12 9		n.a.
T 15	16 20	15 20	1 44	11 31	0 30	17 36	0 5	5 34	1 25	0 51	1 31	15 29	1 59	2 39	0 42	23 2	0 33	4 36	9 44	19 19	19 29	12 11		n.a.
F 16	16 38	18 2	0 40	12 10	0 23	17 59	0 7	5 19	1 25	0 52	1 31	15 28	1 59	2 38	0 42	23 2	0 33	4 36	9 44	19 19	19 29	12 13		n.a.
S 17	16 56	19 59	0n26	12 48	0 16	18 22	0 10	5 4	1 25	0 53	1 31	15 27	1 59	2 37	0 42	23 2	0 33	4 37	9 44	19 19	19 28	12 15		n.a.
S 18	17 14	21 2	1 32	13 25	0 9	18 44	0 12	4 49	1 25	0 54	1 30	15 27	2 0	2 36	0 42	23 2	0 33	4 38	9 44	19 19	19 27	12 16		n.a.
M19	17 31	21 6	2 34	14 3	0 2	19 6	0 15	4 34	1 25	0 55	1 30	15 26	2 0	2 35	0 42	23 2	0 33	4 39	9 44	19 19	19 26	12 18		n.a.
T 20	17 48	20 9	3 30	14 39	0s 5	19 27	0 17	4 19	1 25	0 56	1 30	15 25	2 0	2 34	0 42	23 2	0 33	4 39	9 44	19 19	19 26	12 20		n.a.
W21	18 5	18 12	4 17	15 15	0 12	19 48	0 19	4 4	1 25	0 57	1 30	15 25	2 1	2 33	0 42	23 3	0 33	4 40	9 44	19 19	19 25	12 22		n.a.
T 22	18 22	15 18	4 53	15 51	0 18	20 8	0 22	3 49	1 25	0 58	1 29	15 24	2 1	2 32	0 42	23 3	0 33	4 41	9 44	19 19	19 24	12 23		n.a.
F 23	18 38	11 34	5 13	16 26	0 25	20 28	0 24	3 33	1 25	0 59	1 29	15 24	2 1	2 31	0 42	23 3	0 33	4 42	9 44	19 20	19 23	12 25		n.a.
S 24	18 54	7 10	5 17	17 1	0 31	20 47	0 26	3 18	1 25	1 0	1 29	15 23	2 1	2 30	0 42	23 3	0 33	4 42	9 44	19 20	19 23	12 27		n.a.
S 25	19 9	2 17	5 3	17 34	0 38	21 6	0 28	3 3	1 25	1 0	1 28	15 23	2 2	2 29	0 42	23 3	0 33	4 43	9 44	19 20	19 22	12 29		n.a.
M26	19 24	2n51	4 31	18 7	0 44	21 23	0 31	2 48	1 25	1 1	1 28	15 22	2 2	2 28	0 42	23 3	0 33	4 44	9 44	19 20	19 21	12 30		n.a.
T 27	19 39	7 58	3 40	18 39	0 50	21 41	0 33	2 33	1 25	1 1	1 28	15 22	2 2	2 27	0 42	23 3	0 33	4 44	9 44	19 20	19 20	12 32		n.a.
W28	19 53	12 42	2 33	19 11	0 56	21 57	0 35	2 18	1 25	1 1	1 27	15 22	2 2	2 26	0 42	23 4	0 33	4 45	9 44	19 20	19 19	12 34		n.a.
T 29	20 7	16 40	1 15	19 41	1 1	22 13	0 37	2 2	1 25	1 2	1 27	15 21	2 3	2 25	0 42	23 4	0 33	4 46	9 44	19 20	19 19	12 36		n.a.
F 30	20s21	19n32	0s 7	20s11	1s 7	22s28	0s40	1n47	1n25	1s 2	1s26	15n21	2n 3	2n24	0n42	23s 4	0n33	4s46	9n44	19s20	19s18	12s37		n.a.

Julian Day Number = 1368530.5, Delta T = 06h52m43s
Ecliptic obliquity = 23°48'33, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°24'52, Lahiri = -17°17'52 Julian Calendar 1 Nov. 967 BCE == Greg. Calendar 23 Oct. 967 BCE

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ASTRODIENST EPHEMERIS for the year 967 BCE
geocentric

DECEMBER 967 BCE (-966) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 0 47	0♐28'43	11♊18	25♏46	8♐19	29♍25	0°R42	24♌55	25♍40	22♐45	6♏44	25°R 4	24♏54	26♎30	n.a.	S 1
S 2	4 4 43	1°29'58	25°55	27°22	9°34	0♎ 2	0♈41	24°56	25°42	22°47	6°46	25♏ 4	24°51	26°36	n.a.	S 2
M 3	4 8 40	2°31'12	10♋ 9	28°58	10°50	0°40	0°41	24°57	25°44	22°49	6°49	25° 3	24°47	26°43	n.a.	M 3
T 4	4 12 36	3°32'27	23°58	0♐35	12° 5	1°17	0°40	24°59	25°46	22°51	6°51	25° 2	24°44	26°50	n.a.	T 4
W 5	4 16 33	4°33'41	7♌20	2°12	13°20	1°55	0°D40	25° 0	25°48	22°53	6°53	25° 1	24°41	26°56	n.a.	W 5
T 6	4 20 30	5°34'55	20°16	3°50	14°36	2°32	0°40	25° 1	25°50	22°56	6°55	25° 0	24°38	27° 3	n.a.	T 6
F 7	4 24 26	6°36'08	2♍50	5°28	15°51	3° 9	0°40	25° 1	25°52	22°58	6°57	24°D59	24°35	27°10	n.a.	F 7
S 8	4 28 23	7°37'22	15° 5	7° 6	17° 6	3°47	0°41	25° 2	25°54	23° 0	6°59	24°59	24°31	27°16	n.a.	S 8
S 9	4 32 19	8°38'34	27° 7	8°45	18°21	4°24	0°42	25° 3	25°56	23° 2	7° 1	25° 0	24°28	27°23	n.a.	S 9
M10	4 36 16	9°39'47	8♎59	10°25	19°37	5° 2	0°42	25° 3	25°57	23° 4	7° 3	25° 1	24°25	27°30	n.a.	M10
T 11	4 40 12	10°40'59	20°47	12° 5	20°52	5°39	0°44	25° 3	25°59	23° 7	7° 5	25° 3	24°22	27°36	n.a.	T 11
W12	4 44 9	11°42'11	2♏35	13°45	22° 7	6°16	0°45	25° 4	26° 1	23° 9	7° 7	25° 4	24°19	27°43	n.a.	W12
T 13	4 48 5	12°43'22	14°26	15°26	23°22	6°54	0°46	25° 4	26° 2	23°11	7° 9	25° 5	24°16	27°50	n.a.	T 13
F 14	4 52 2	13°44'32	26°24	17° 8	24°37	7°31	0°48	25°R 4	26° 4	23°13	7°11	25°R 6	24°12	27°56	n.a.	F 14
S 15	4 55 59	14°45'42	8♐31	18°50	25°53	8° 8	0°50	25° 4	26° 5	23°16	7°13	25° 5	24° 9	28° 3	n.a.	S 15
S 16	4 59 55	15°46'51	20°48	20°32	27° 8	8°45	0°52	25° 4	26° 6	23°18	7°15	25° 3	24° 6	28° 9	n.a.	S 16
M17	5 3 52	16°47'59	3♑17	22°15	28°23	9°22	0°54	25° 3	26° 8	23°20	7°17	25° 1	24° 3	28°16	n.a.	M17
T 18	5 7 48	17°49'05	15°59	23°59	29°38	10° 0	0°57	25° 3	26° 9	23°22	7°19	24°57	24° 0	28°23	n.a.	T 18
W19	5 11 45	18°50'11	28°54	25°43	0♑53	10°37	1° 0	25° 2	26°10	23°25	7°21	24°53	23°57	28°29	n.a.	W19
T 20	5 15 41	19°51'16	12♒ 2	27°27	2° 8	11°14	1° 3	25° 2	26°11	23°27	7°22	24°49	23°53	28°36	n.a.	T 20
F 21	5 19 38	20°52'19	25°24	29°11	3°23	11°51	1° 6	25° 1	26°13	23°29	7°24	24°46	23°50	28°43	n.a.	F 21
S 22	5 23 34	21°53'21	9♓ 0	0♑56	4°39	12°28	1° 9	25° 0	26°14	23°32	7°26	24°44	23°47	28°49	n.a.	S 22
S 23	5 27 31	22°54'21	22°50	2°41	5°54	13° 5	1°12	24°59	26°15	23°34	7°28	24°D44	23°44	28°56	n.a.	S 23
M24	5 31 28	23°55'20	6♈54	4°25	7° 9	13°42	1°16	24°58	26°16	23°36	7°30	24°44	23°41	29° 3	n.a.	M24
T 25	5 35 24	24°56'17	21°10	6°10	8°24	14°19	1°20	24°57	26°16	23°38	7°31	24°46	23°37	29° 9	n.a.	T 25
W26	5 39 21	25°57'13	5♉37	7°54	9°39	14°56	1°24	24°56	26°17	23°41	7°33	24°47	23°34	29°16	n.a.	W26
T 27	5 43 17	26°58'08	20°12	9°38	10°54	15°33	1°28	24°55	26°18	23°43	7°35	24°R48	23°31	29°23	n.a.	T 27
F 28	5 47 14	27°59'01	4♊49	11°20	12° 9	16° 9	1°33	24°53	26°19	23°45	7°36	24°48	23°28	29°29	n.a.	F 28
S 29	5 51 10	28°59'52	19°23	13° 2	13°23	16°46	1°37	24°52	26°20	23°47	7°38	24°46	23°25	29°36	n.a.	S 29
S 30	5 55 7	0♑ 0'43	3♋47	14°42	14°38	17°23	1°42	24°50	26°20	23°50	7°40	24°42	23°22	29°43	n.a.	S 30
M31	5 59 4	1♑ 1'31	17♋55	16♑21	15♑53	18♎ 0	1♈47	24♌48	26♍21	23♐52	7♏41	24♏37	23♏18	29♎49	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s34	21n 1	1s29	20s40	1s12	22s43	0s42	1n32	1n25	1s 2	1s26	15n21	2n 3	2n23	0n42	23s 4	0n33	4s47	9n44	19s20	19s17	12s39		n.a.
S 2	20 47	21 1	2 43	21 8	1 17	22 57	0 44	1 17	1 25	1 2	1 26	15 21	2 3	2 23	0 42	23 4	0 33	4 48	9 44	19 19	19 16	12 41		n.a.
M 3	20 59	19 40	3 45	21 34	1 22	23 10	0 46	1 2	1 25	1 2	1 25	15 20	2 4	2 22	0 42	23 4	0 33	4 48	9 44	19 19	19 15	12 43		n.a.
T 4	21 11	17 11	4 32	22 0	1 27	23 23	0 48	0 47	1 25	1 2	1 25	15 20	2 4	2 21	0 42	23 4	0 32	4 49	9 44	19 19	19 15	12 44		n.a.
W 5	21 23	13 51	5 3	22 25	1 31	23 35	0 50	0 31	1 25	1 1	1 25	15 20	2 4	2 20	0 42	23 4	0 32	4 50	9 44	19 19	19 14	12 46		n.a.
T 6	21 34	9 57	5 16	22 48	1 36	23 46	0 52	0 16	1 25	1 1	1 24	15 20	2 5	2 20	0 42	23 5	0 32	4 50	9 44	19 19	19 13	12 48		n.a.
F 7	21 45	5 44	5 15	23 11	1 40	23 56	0 54	0 1	1 25	1 1	1 24	15 20	2 5	2 19	0 42	23 5	0 32	4 51	9 44	19 18	19 12	12 50		n.a.
S 8	21 55	1 23	4 58	23 32	1 43	24 6	0 56	0s14	1 25	1 0	1 24	15 20	2 5	2 18	0 42	23 5	0 32	4 51	9 44	19 18	19 12	12 51		n.a.
S 9	22 5	2s56	4 29	23 52	1 47	24 15	0 58	0 29	1 25	1 0	1 23	15 20	2 5	2 17	0 43	23 5	0 32	4 52	9 44	19 19	19 11	12 53		n.a.
M10	22 15	7 7	3 49	24 10	1 50	24 23	1 0	0 44	1 25	0 59	1 23	15 20	2 6	2 17	0 43	23 5	0 32	4 53	9 44	19 19	19 10	12 55		n.a.
T 11	22 24	11 0	2 59	24 27	1 53	24 31	1 1	0 59	1 24	0 58	1 23	15 21	2 6	2 16	0 43	23 5	0 32	4 53	9 44	19 19	19 9	12 56		n.a.
W12	22 32	14 27	2 2	24 43	1 55	24 37	1 3	1 14	1 24	0 57	1 22	15 21	2 6	2 16	0 43	23 5	0 32	4 54	9 44	19 20	19 8	12 58		n.a.
T 13	22 40	17 21	0 59	24 57	1 57	24 43	1 5	1 29	1 24	0 56	1 22	15 21	2 7	2 15	0 43	23 6	0 32	4 54	9 44	19 20	19 8	13 0		n.a.
F 14	22 48	19 32	0n 7	25 9	1 59	24 48	1 7	1 44	1 24	0 55	1 22	15 21	2 7	2 14	0 43	23 6	0 32	4 55	9 45	19 20	19 7	13 2		n.a.
S 15	22 55	20 51	1 14	25 20	2 1	24 53	1 8	1 59	1 24	0 54	1 21	15 21	2 7	2 14	0 43	23 6	0 32	4 55	9 45	19 20	19 6	13 3		n.a.
S 16	23 2	21 12	2 17	25 29	2 1	24 56	1 10	2 14	1 24	0 53	1 21	15 22	2 7	2 13	0 43	23 6	0 32	4 56	9 45	19 19	19 5	13 5		n.a.
M17	23 9	20 31	3 15	25 36	2 2	24 59	1 11	2 29	1 24	0 52	1 21	15 22	2 8	2 13	0 43	23 6	0 32	4 56	9 45	19 19	19 4	13 7		n.a.
T 18	23 14	18 47	4 5	25 42	2 2	25 1	1 13	2 44	1 24	0 51	1 20	15 23	2 8	2 12	0 43	23 6	0 32	4 57	9 45	19 18	19 4	13 8		n.a.
W19	23 20	16 5	4 43	25 46	2 2	25 3	1 14	2 59	1 24	0 49	1 20	15 23	2 8	2 12	0 43	23 6	0 32	4 57	9 45	19 17	19 3	13 10		n.a.
T 20	23 25	12 33	5 7	25 48	2 1	25 3	1 16	3 14	1 23	0 48	1 20	15 23	2 8	2 11	0 43	23 6	0 32	4 58	9 45	19 16	19 2	13 12		n.a.
F 21	23 29	8 19	5 14	25 48	1 59	25 3	1 17	3 29	1 23	0 46	1 19	15 24	2 9	2 11	0 43	23 7	0 32	4 58	9 45	19 15	19 1	13 13		n.a.
S 22	23 33	3 37	5 5	25 45	1 57	25 2	1 18	3 44	1 23	0 44	1 19	15 24	2 9	2 11	0 43	23 7	0 32	4 59	9 45	19 15	19 0	13 15		n.a.
S 23	23 37	1n21	4 37	25 41	1 54	25 0	1 19	3 58	1 23	0 43	1 19	15 25	2 9	2 10	0 43	23 7	0 32	4 59	9 46	19 15	19 0	13 17		n.a.
M24	23 40	6 20	3 53	25 35	1 51	24 57	1 21	4 13	1 23	0 41	1 18	15 26	2 10	2 10	0 43	23 7	0 32	5 0	9 46	19 15	18 59	13 18		n.a.
T 25	23 43	11 4	2 54	25 27	1 47	24 54	1 22	4 28	1 23	0 39	1 18	15 26	2 10	2 10	0 43	23 7	0 32	5 0	9 46	19 15	18 58	13 20		n.a.
W26	23 45	15 13	1 43	25 17	1 43	24 50	1 23	4 42	1 22	0 37	1 18	15 27	2 10	2 9	0 43	23 7	0 32	5 0	9 46	19 15	18 57	13 22		n.a.
T 27	23 46	18 28	0 25	25 4	1 37	24 45	1 24	4 57	1 22	0 35	1 17	15 28	2 10	2 9	0 43	23 7	0 32	5 1	9 46	19 16	18 56	13 23		n.a.
F 28	23 48	20 32	0s55	24 50	1 31	24 39	1 25	5 12	1 22	0 33	1 17	15 28	2 11	2 9	0 43	23 7	0 32	5 1	9 46	19 16	18 56	13 25		n.a.
S 29	23 48	21 13	2 10	24 33	1 24	24 33	1 26	5 26	1 22	0 31	1 17	15 29	2 11	2 9	0 43	23 8	0 32	5 1	9 46	19 15	18 55	13 27		n.a.
S 30	23 49	20 28	3 17	24 15	1 17	24 25	1 26	5 41	1 21	0 29	1 16	15 30	2 11	2 8	0 43	23 8	0 32	5 2	9 47	19 14	18 54	13 28		n.a.
M31	23s48	18n28	4s10	23s55	1s 8	24s17	1s27	5s55	1n21	0s26	1s16	15n31	2n11	2n 8	0n43	23s 8	0n32	5s 2	9n47	19s13	18s53	13s30		n.a.

Julian Day Number = 1368560.5, Delta T = 06h52m41s
Ecliptic obliquity = 23°48'32, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°24'48, Lahiri = -17°17'47 Julian Calendar 1 Dec. 967 BCE == Greg. Calendar 22 Nov. 967 BCE

The year -966 astronomical counting style corresponds to year 967 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 966 BCE
geocentric

JANUARY 966 BCE (-965) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 3 0	2♉ 2'19	1♌43	17♉57	17♉ 8	18♎36	1♈52	24°R47	26♍21	23♐54	7♏43	24°R30	23♏15	29♎56	n.a.	T 1
W 2	6 6 57	3° 3'05	15° 8	19°30	18°23	19°13	1°58	24♌45	26°22	23°56	7°44	24♏24	23°12	0♏ 3	n.a.	W 2
T 3	6 10 53	4° 3'50	28° 9	21° 0	19°38	19°50	2° 3	24°43	26°22	23°59	7°46	24°18	23° 9	0° 9	n.a.	T 3
F 4	6 14 50	5° 4'33	10♍48	22°26	20°53	20°26	2° 9	24°40	26°22	24° 1	7°47	24°13	23° 6	0°16	n.a.	F 4
S 5	6 18 46	6° 5'15	23° 7	23°47	22° 7	21° 3	2°15	24°38	26°23	24° 3	7°49	24°11	23° 2	0°23	n.a.	S 5
S 6	6 22 43	7° 5'56	5♎10	25° 3	23°22	21°39	2°21	24°36	26°23	24° 5	7°50	24°D10	22°59	0°29	n.a.	S 6
M 7	6 26 39	8° 6'36	17° 4	26°13	24°37	22°16	2°27	24°33	26°23	24° 8	7°51	24°10	22°56	0°36	n.a.	M 7
T 8	6 30 36	9° 7'14	28°52	27°17	25°52	22°52	2°33	24°31	26°23	24°10	7°53	24°11	22°53	0°43	n.a.	T 8
W 9	6 34 33	10° 7'51	10♏40	28°13	27° 6	23°29	2°40	24°28	26°23	24°12	7°54	24°13	22°50	0°49	n.a.	W 9
T 10	6 38 29	11° 8'27	22°34	29° 0	28°21	24° 5	2°46	24°26	26°R23	24°14	7°55	24°R14	22°47	0°56	n.a.	T 10
F 11	6 42 26	12° 9'01	4♐37	29°40	29°36	24°41	2°53	24°23	26°23	24°17	7°57	24°13	22°43	1° 3	n.a.	F 11
S 12	6 46 22	13° 9'33	16°53	0♒ 9	0♒50	25°18	3° 0	24°20	26°23	24°19	7°58	24°10	22°40	1° 9	n.a.	S 12
S 13	6 50 19	14°10'04	29°24	0°29	2° 5	25°54	3° 7	24°17	26°23	24°21	7°59	24° 5	22°37	1°16	n.a.	S 13
M14	6 54 15	15°10'33	12♉11	0°R39	3°20	26°30	3°14	24°14	26°23	24°23	8° 0	23°58	22°34	1°23	n.a.	M14
T 15	6 58 12	16°11'01	25°16	0°39	4°34	27° 6	3°22	24°11	26°23	24°25	8° 1	23°49	22°31	1°29	n.a.	T 15
W16	7 2 8	17°11'26	8♒35	0°28	5°49	27°42	3°29	24° 8	26°22	24°27	8° 3	23°40	22°28	1°36	n.a.	W16
T 17	7 6 5	18°11'50	22° 8	0° 8	7° 3	28°18	3°37	24° 5	26°22	24°30	8° 4	23°30	22°24	1°43	n.a.	T 17
F 18	7 10 2	19°12'11	5♓52	29♉38	8°18	28°54	3°45	24° 1	26°21	24°32	8° 5	23°22	22°21	1°49	n.a.	F 18
S 19	7 13 58	20°12'30	19°44	29° 0	9°32	29°30	3°53	23°58	26°21	24°34	8° 6	23°16	22°18	1°56	n.a.	S 19
S 20	7 17 55	21°12'48	3♈42	28°14	10°47	0♏ 6	4° 1	23°54	26°20	24°36	8° 7	23°12	22°15	2° 3	n.a.	S 20
M21	7 21 51	22°13'03	17°44	27°22	12° 1	0°41	4°10	23°51	26°20	24°38	8° 8	23°D11	22°12	2° 9	n.a.	M21
T 22	7 25 48	23°13'15	1♉51	26°24	13°15	1°17	4°18	23°47	26°19	24°40	8° 9	23°11	22° 8	2°16	n.a.	T 22
W23	7 29 44	24°13'26	15°59	25°23	14°30	1°53	4°27	23°44	26°18	24°42	8°10	23°R11	22° 5	2°23	n.a.	W23
T 24	7 33 41	25°13'34	0♊ 9	24°20	15°44	2°28	4°35	23°40	26°18	24°44	8°10	23°11	22° 2	2°29	n.a.	T 24
F 25	7 37 37	26°13'40	14°19	23°17	16°58	3° 4	4°44	23°36	26°17	24°46	8°11	23°10	21°59	2°36	n.a.	F 25
S 26	7 41 34	27°13'44	28°25	22°15	18°13	3°39	4°53	23°32	26°16	24°48	8°12	23° 5	21°56	2°42	n.a.	S 26
S 27	7 45 31	28°13'46	12♋24	21°15	19°27	4°14	5° 2	23°28	26°15	24°50	8°13	22°58	21°53	2°49	n.a.	S 27
M28	7 49 27	29°13'46	26°12	20°18	20°41	4°50	5°11	23°24	26°14	24°52	8°14	22°48	21°49	2°56	n.a.	M28
T 29	7 53 24	0♒13'43	9♌46	19°27	21°55	5°25	5°21	23°20	26°13	24°54	8°14	22°37	21°46	3° 2	n.a.	T 29
W30	7 57 20	1°13'39	23° 1	18°40	23° 9	6° 0	5°30	23°16	26°12	24°56	8°15	22°25	21°43	3° 9	n.a.	W30
T 31	8 1 17	2♒13'32	5♍58	18♉ 0	24♒23	6♏35	5♈40	23♌12	26♍11	24♐58	8♏16	22♏14	21♏40	3♏16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s48	15n25	4 s47	23 s33	0 s59	24 s 9	1 s28	6 s 9	1n21	0 s24	1 s16	15n32	2n12	2n 8	0n43	23 s 8	0n32	5 s 3	9n47	19 s11	18 s52	13 s32		n.a.
W 2	23 46	11 40	5 7	23 10	0 48	23 59	1 28	6 24	1 21	0 22	1 15	15 33	2 12	2 8	0 43	23 8	0 32	5 3	9 47	19 10	18 52	13 33		n.a.
T 3	23 45	7 27	5 10	22 45	0 37	23 49	1 29	6 38	1 20	0 19	1 15	15 33	2 12	2 8	0 43	23 8	0 32	5 3	9 47	19 8	18 51	13 35		n.a.
F 4	23 43	3 3	4 58	22 20	0 25	23 38	1 30	6 52	1 20	0 16	1 15	15 34	2 12	2 8	0 43	23 8	0 32	5 3	9 47	19 7	18 50	13 37		n.a.
S 5	23 40	1 s23	4 32	21 53	0 12	23 26	1 30	7 6	1 20	0 14	1 14	15 35	2 13	2 7	0 43	23 8	0 32	5 4	9 48	19 6	18 49	13 38		n.a.
S 6	23 37	5 40	3 55	21 26	0n 1	23 14	1 30	7 20	1 20	0 11	1 14	15 36	2 13	2 7	0 44	23 8	0 32	5 4	9 48	19 6	18 48	13 40		n.a.
M 7	23 33	9 41	3 8	20 59	0 16	23 1	1 31	7 34	1 19	0 8	1 14	15 37	2 13	2 7	0 44	23 9	0 32	5 4	9 48	19 6	18 47	13 41		n.a.
T 8	23 29	13 18	2 13	20 31	0 31	22 47	1 31	7 48	1 19	0 5	1 13	15 39	2 13	2 7	0 44	23 9	0 32	5 5	9 48	19 7	18 47	13 43		n.a.
W 9	23 25	16 24	1 13	20 5	0 46	22 33	1 31	8 2	1 19	0 3	1 13	15 40	2 14	2 7	0 44	23 9	0 32	5 5	9 48	19 7	18 46	13 45		n.a.
T 10	23 20	18 50	0 9	19 39	1 3	22 18	1 31	8 16	1 18	0n 0	1 13	15 41	2 14	2 7	0 44	23 9	0 32	5 5	9 49	19 7	18 45	13 46		n.a.
F 11	23 15	20 28	0n56	19 15	1 19	22 2	1 31	8 30	1 18	0 3	1 13	15 42	2 14	2 7	0 44	23 9	0 32	5 5	9 49	19 7	18 44	13 48		n.a.
S 12	23 9	21 10	1 59	18 52	1 36	21 46	1 31	8 44	1 18	0 6	1 12	15 43	2 14	2 8	0 44	23 9	0 32	5 5	9 49	19 6	18 43	13 49		n.a.
S 13	23 3	20 50	2 58	18 31	1 53	21 29	1 31	8 57	1 17	0 10	1 12	15 44	2 15	2 8	0 44	23 9	0 32	5 6	9 49	19 5	18 43	13 51		n.a.
M14	22 56	19 26	3 49	18 13	2 10	21 11	1 31	9 11	1 17	0 13	1 12	15 46	2 15	2 8	0 44	23 9	0 32	5 6	9 49	19 3	18 42	13 53		n.a.
T 15	22 49	17 0	4 29	17 57	2 26	20 53	1 31	9 25	1 17	0 16	1 11	15 47	2 15	2 8	0 44	23 9	0 32	5 6	9 50	19 1	18 41	13 54		n.a.
W16	22 41	13 39	4 55	17 44	2 41	20 34	1 30	9 38	1 16	0 19	1 11	15 48	2 15	2 8	0 44	23 9	0 32	5 6	9 50	18 59	18 40	13 56		n.a.
T 17	22 33	9 32	5 6	17 34	2 56	20 15	1 30	9 51	1 16	0 23	1 11	15 49	2 15	2 8	0 44	23 10	0 32	5 6	9 50	18 56	18 39	13 57		n.a.
F 18	22 25	4 53	4 59	17 27	3 9	19 55	1 29	10 5	1 15	0 26	1 11	15 51	2 16	2 8	0 44	23 10	0 32	5 6	9 50	18 54	18 38	13 59		n.a.
S 19	22 16	0n 4	4 34	17 23	3 22	19 34	1 29	10 18	1 15	0 30	1 10	15 52	2 16	2 9	0 44	23 10	0 32	5 6	9 50	18 53	18 38	14 1		n.a.
S 20	22 6	5 3	3 53	17 23	3 32	19 13	1 28	10 31	1 14	0 33	1 10	15 54	2 16	2 9	0 44	23 10	0 32	5 7	9 51	18 52	18 37	14 2		n.a.
M21	21 57	9 48	2 58	17 25	3 40	18 51	1 28	10 44	1 14	0 37	1 10	15 55	2 16	2 9	0 44	23 10	0 32	5 7	9 51	18 51	18 36	14 4		n.a.
T 22	21 47	14 2	1 52	17 29	3 47	18 29	1 27	10 57	1 14	0 40	1 9	15 56	2 16	2 9	0 44	23 10	0 32	5 7	9 51	18 51	18 35	14 5		n.a.
W23	21 36	17 29	0 38	17 36	3 51	18 6	1 26	11 10	1 13	0 44	1 9	15 58	2 17	2 10	0 44	23 10	0 32	5 7	9 51	18 51	18 34	14 7		n.a.
T 24	21 25	19 54	0 s37	17 45	3 53	17 43	1 25	11 23	1 13	0 48	1 9	15 59	2 17	2 10	0 44	23 10	0 32	5 7	9 52	18 51	18 33	14 8		n.a.
F 25	21 14	21 3	1 50	17 56	3 53	17 20	1 24	11 36	1 12	0 52	1 9	16 1	2 17	2 10	0 44	23 10	0 32	5 7	9 52	18 51	18 33	14 10		n.a.
S 26	21 2	20 52	2 56	18 8	3 51	16 56	1 23	11 48	1 12	0 56	1 8	16 2	2 17	2 11	0 44	23 10	0 32	5 7	9 52	18 50	18 32	14 11		n.a.
S 27	20 50	19 23	3 51	18 22	3 47	16 31	1 22	12 1	1 11	0 59	1 8	16 4	2 17	2 11	0 44	23 10	0 32	5 7	9 52	18 48	18 31	14 13		n.a.
M28	20 38	16 48	4 31	18 36	3 41	16 6	1 21	12 13	1 10	1 3	1 8	16 5	2 18	2 12	0 44	23 11	0 32	5 7	9 53	18 46	18 30	14 15		n.a.
T 29	20 25	13 20	4 55	18 51	3 33	15 41	1 20	12 26	1 10	1 7	1 8	16 7	2 18	2 12	0 44	23 11	0 32	5 7	9 53	18 43	18 29	14 16		n.a.
W30	20 12	9 18	5 2	19 7	3 24	15 15	1 19	12 38	1 9	1 11	1 7	16 8	2 18	2 13	0 44	23 11	0 32	5 7	9 53	18 40	18 28	14 18		n.a.
T 31	19 s58	4n55	4 s54	19 s23	3n14	14 s49	1 s17	12 s51	1n 9	1n16	1 s 7	16n10	2n18	2n13	0n44	23 s11	0n32	5 s 7	9n53	18 s37	18 s28	14 s19		n.a.

Julian Day Number = 1368591.5, Delta T = 06h52m40s
Ecliptic obliquity = 23°48'32, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°24'44, Lahiri = -17°17'43 Julian Calendar 1 Jan. 966 BCE == Greg. Calendar 23 Dec. 967 BCE

The year -965 astronomical counting style corresponds to year 966 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 966 BCE
geocentric

FEBRUARY 966 BCE (-965) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 5 13	3♒13'23	18♍34	17°R25	25♒37	7♏10	5♈50	23°R 8	26°R10	25♐ 0	8♏16	22°R 5	21♏37	3♏22	n.a.	F 1
S 2	8 9 10	4°13'13	0♎54	16♉58	26°51	7°45	5°59	23♌ 3	26♍ 9	25° 2	8°17	21♏57	21°34	3°29	n.a.	S 2
S 3	8 13 6	5°13'01	12°58	16°36	28° 5	8°20	6° 9	22°59	26° 7	25° 3	8°17	21°53	21°30	3°36	n.a.	S 3
M 4	8 17 3	6°12'47	24°52	16°22	29°19	8°55	6°19	22°55	26° 6	25° 5	8°18	21°50	21°27	3°42	n.a.	M 4
T 5	8 20 59	7°12'31	6♏41	16°14	0♓33	9°30	6°29	22°50	26° 5	25° 7	8°18	21°D50	21°24	3°49	n.a.	T 5
W 6	8 24 56	8°12'13	18°30	16°D12	1°47	10° 4	6°40	22°46	26° 3	25° 9	8°19	21°R50	21°21	3°56	n.a.	W 6
T 7	8 28 53	9°11'53	0♐24	16°17	3° 0	10°39	6°50	22°42	26° 2	25°11	8°19	21°50	21°18	4° 2	n.a.	T 7
F 8	8 32 49	10°11'32	12°30	16°27	4°14	11°13	7° 0	22°37	26° 0	25°12	8°20	21°48	21°14	4° 9	n.a.	F 8
S 9	8 36 46	11°11'09	24°51	16°42	5°28	11°47	7°11	22°33	25°59	25°14	8°20	21°44	21°11	4°16	n.a.	S 9
S 10	8 40 42	12°10'43	7♑31	17° 3	6°42	12°22	7°22	22°28	25°57	25°16	8°20	21°37	21° 8	4°22	n.a.	S 10
M11	8 44 39	13°10'16	20°33	17°29	7°55	12°56	7°33	22°24	25°56	25°18	8°20	21°28	21° 5	4°29	n.a.	M11
T 12	8 48 35	14° 9'47	3♒56	17°59	9° 9	13°30	7°43	22°19	25°54	25°19	8°21	21°17	21° 2	4°36	n.a.	T 12
W13	8 52 32	15° 9'15	17°39	18°34	10°22	14° 4	7°54	22°14	25°52	25°21	8°21	21° 4	20°59	4°42	n.a.	W13
T 14	8 56 28	16° 8'41	1♓38	19°13	11°36	14°38	8° 5	22°10	25°51	25°22	8°21	20°52	20°55	4°49	n.a.	T 14
F 15	9 0 25	17° 8'05	15°49	19°56	12°49	15°12	8°17	22° 5	25°49	25°24	8°21	20°41	20°52	4°56	n.a.	F 15
S 16	9 4 22	18° 7'27	0♈ 6	20°42	14° 3	15°45	8°28	22° 1	25°47	25°26	8°21	20°32	20°49	5° 2	n.a.	S 16
S 17	9 8 18	19° 6'46	14°24	21°32	15°16	16°19	8°39	21°56	25°45	25°27	8°21	20°27	20°46	5° 9	n.a.	S 17
M18	9 12 15	20° 6'03	28°40	22°25	16°30	16°52	8°51	21°51	25°43	25°29	8°21	20°24	20°43	5°15	n.a.	M18
T 19	9 16 11	21° 5'17	12♉50	23°20	17°43	17°25	9° 2	21°47	25°42	25°30	8°R21	20°23	20°40	5°22	n.a.	T 19
W20	9 20 8	22° 4'29	26°55	24°19	18°56	17°59	9°14	21°42	25°40	25°32	8°21	20°23	20°36	5°29	n.a.	W20
T 21	9 24 4	23° 3'38	10♊52	25°21	20° 9	18°32	9°25	21°37	25°38	25°33	8°21	20°22	20°33	5°35	n.a.	T 21
F 22	9 28 1	24° 2'45	24°42	26°25	21°22	19° 5	9°37	21°33	25°36	25°34	8°21	20°20	20°30	5°42	n.a.	F 22
S 23	9 31 57	25° 1'50	8♋24	27°31	22°35	19°37	9°49	21°28	25°34	25°36	8°21	20°15	20°27	5°49	n.a.	S 23
S 24	9 35 54	26° 0'52	21°57	28°40	23°48	20°10	10° 1	21°23	25°31	25°37	8°21	20° 7	20°24	5°55	n.a.	S 24
M25	9 39 50	26°59'52	5♌20	29°51	25° 1	20°43	10°13	21°19	25°29	25°39	8°21	19°56	20°20	6° 2	n.a.	M25
T 26	9 43 47	27°58'49	18°31	1♒ 5	26°14	21°15	10°25	21°14	25°27	25°40	8°20	19°44	20°17	6° 9	n.a.	T 26
W27	9 47 44	28°57'45	1♍28	2°20	27°27	21°47	10°37	21°10	25°25	25°41	8°20	19°31	20°14	6°15	n.a.	W27
T 28	9 51 40	29♒56'38	14♍11	3♒37	28♓40	22♏20	10♈49	21♌ 5	25♍23	25♐42	8♏20	19♏18	20♏11	6♏22	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	19s44	0n26	4s31	19s38	3n 3	14s22	1s16	13s 3	1n 8	1n20	1s 7	16n11	2n18	2n13	0n44	23s11	0n32	5s 7	9n53	18s34	18s27	14s21		n.a.	F 1
S 2	19 30	3s58	3 56	19 54	2 51	13 55	1 15	13 15	1 8	1 24	1 7	16 13	2 18	2 14	0 44	23 11	0 32	5 7	9 54	18 32	18 26	14 22		n.a.	S 2
S 3	19 15	8 7	3 11	20 9	2 38	13 28	1 13	13 27	1 7	1 28	1 6	16 14	2 18	2 15	0 44	23 11	0 32	5 7	9 54	18 31	18 25	14 24		n.a.	S 3
M 4	19 0	11 55	2 18	20 24	2 25	13 0	1 12	13 39	1 6	1 32	1 6	16 16	2 19	2 15	0 44	23 11	0 32	5 7	9 54	18 30	18 24	14 25		n.a.	M 4
T 5	18 45	15 12	1 20	20 38	2 11	12 32	1 10	13 51	1 6	1 37	1 6	16 18	2 19	2 16	0 45	23 11	0 32	5 7	9 54	18 30	18 23	14 27		n.a.	T 5
W 6	18 30	17 53	0 18	20 51	1 58	12 4	1 8	14 2	1 5	1 41	1 6	16 19	2 19	2 16	0 45	23 11	0 32	5 7	9 55	18 30	18 23	14 28		n.a.	W 6
T 7	18 14	19 49	0n45	21 4	1 44	11 35	1 6	14 14	1 4	1 45	1 5	16 21	2 19	2 17	0 45	23 11	0 32	5 7	9 55	18 30	18 22	14 30		n.a.	T 7
F 8	17 58	20 52	1 47	21 17	1 31	11 6	1 5	14 25	1 3	1 50	1 5	16 22	2 19	2 17	0 45	23 11	0 32	5 6	9 55	18 30	18 21	14 31		n.a.	F 8
S 9	17 41	20 57	2 46	21 28	1 17	10 37	1 3	14 37	1 3	1 54	1 5	16 24	2 19	2 18	0 45	23 11	0 32	5 6	9 55	18 29	18 20	14 33		n.a.	S 9
S 10	17 24	19 59	3 37	21 38	1 4	10 8	1 1	14 48	1 2	1 59	1 5	16 26	2 19	2 19	0 45	23 11	0 32	5 6	9 56	18 27	18 19	14 34		n.a.	S 10
M11	17 7	17 57	4 19	21 48	0 51	9 38	0 59	14 59	1 1	2 3	1 5	16 27	2 19	2 19	0 45	23 11	0 32	5 6	9 56	18 25	18 18	14 36		n.a.	M11
T 12	16 50	14 55	4 47	21 56	0 39	9 8	0 57	15 10	1 0	2 8	1 4	16 29	2 20	2 20	0 45	23 12	0 32	5 6	9 56	18 21	18 18	14 37		n.a.	T 12
W13	16 32	11 1	5 0	22 4	0 26	8 38	0 55	15 22	1 0	2 12	1 4	16 30	2 20	2 21	0 45	23 12	0 32	5 6	9 56	18 18	18 17	14 39		n.a.	W13
T 14	16 14	6 28	4 55	22 10	0 14	8 8	0 52	15 32	0 59	2 17	1 4	16 32	2 20	2 21	0 45	23 12	0 32	5 6	9 57	18 15	18 16	14 40		n.a.	T 14
F 15	15 56	1 30	4 33	22 16	0 3	7 37	0 50	15 43	0 58	2 22	1 4	16 34	2 20	2 22	0 45	23 12	0 32	5 5	9 57	18 12	18 15	14 42		n.a.	F 15
S 16	15 38	3n35	3 53	22 20	0s 9	7 6	0 48	15 54	0 57	2 26	1 3	16 35	2 20	2 23	0 45	23 12	0 32	5 5	9 57	18 10	18 14	14 43		n.a.	S 16
S 17	15 19	8 29	2 58	22 23	0 19	6 35	0 46	16 5	0 56	2 31	1 3	16 37	2 20	2 24	0 45	23 12	0 32	5 5	9 57	18 8	18 13	14 45		n.a.	S 17
M18	15 0	12 54	1 52	22 24	0 30	6 4	0 43	16 15	0 55	2 36	1 3	16 39	2 20	2 25	0 45	23 12	0 32	5 5	9 57	18 7	18 12	14 46		n.a.	M18
T 19	14 41	16 34	0 40	22 25	0 40	5 33	0 41	16 26	0 54	2 40	1 3	16 40	2 20	2 25	0 45	23 12	0 32	5 5	9 58	18 7	18 12	14 48		n.a.	T 19
W20	14 22	19 13	0s34	22 24	0 49	5 2	0 38	16 36	0 53	2 45	1 3	16 42	2 20	2 26	0 45	23 12	0 32	5 4	9 58	18 7	18 11	14 49		n.a.	W20
T 21	14 2	20 40	1 46	22 21	0 58	4 30	0 36	16 46	0 52	2 50	1 2	16 43	2 20	2 27	0 45	23 12	0 32	5 4	9 58	18 7	18 10	14 50		n.a.	T 21
F 22	13 43	20 51	2 51	22 17	1 7	3 59	0 33	16 56	0 51	2 55	1 2	16 45	2 20	2 28	0 45	23 12	0 32	5 4	9 58	18 6	18 9	14 52		n.a.	F 22
S 23	13 23	19 48	3 45	22 12	1 15	3 27	0 31	17 6	0 50	3 0	1 2	16 47	2 20	2 29	0 45	23 12	0 32	5 4	9 59	18 5	18 8	14 53		n.a.	S 23
S 24	13 2	17 37	4 26	22 6	1 23	2 56	0 28	17 16	0 49	3 5	1 2	16 48	2 20	2 29	0 45	23 12	0 32	5 3	9 59	18 3	18 7	14 55		n.a.	S 24
M25	12 42	14 31	4 51	21 58	1 30	2 24	0 25	17 26	0 48	3 10	1 2	16 50	2 20	2 30	0 45	23 12	0 32	5 3	9 59	18 0	18 6	14 56		n.a.	M25
T 26	12 22	10 45	5 0	21 48	1 37	1 52	0 23	17 36	0 47	3 15	1 1	16 51	2 20	2 31	0 45	23 12	0 32	5 3	9 59	17 56	18 6	14 58		n.a.	T 26
W27	12 1	6 32	4 54	21 37	1 43	1 20	0 20	17 45	0 46	3 20	1 1	16 53	2 21	2 32	0 45	23 12	0 32	5 2	10 0	17 53	18 5	14 59		n.a.	W27
T 28	11s40	2n 8	4s33	21s25	1s49	0s48	0s17	17s55	0n45	3n25	1s 1	16n54	2n21	2n33	0n45	23s12	0n32	5s 2	10n 0	17s49	18s 4	15s 1		n.a.	T 28

Julian Day Number = 1368622.5, Delta T = 06h52m38s
Ecliptic obliquity = 23°48'32, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°24'40, Lahiri = -17°17'39 Julian Calendar 1 Feb. 966 BCE == Greg. Calendar 23 Jan. 966 BCE

The year -965 astronomical counting style corresponds to year 966 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 966 BCE
geocentric

MARCH 966 BCE (-965) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 55 37	0♓55'29	26♍38	4♒57	29♓53	22♏52	11♈ 1	21°R 0	25°R21	25♐44	8°R20	19°R 8	20♏ 8	6♏29	n.a.	F 1
S 2	9 59 33	1°54'18	8♎52	6°18	1♈ 5	23°23	11°14	20♌56	25♍18	25°45	8♏19	18♏59	20° 5	6°35	n.a.	S 2
S 3	10 3 30	2°53'05	20°53	7°41	2°18	23°55	11°26	20°51	25°16	25°46	8°19	18°53	20° 1	6°42	n.a.	S 3
M 4	10 7 26	3°51'50	2♏46	9° 5	3°31	24°27	11°38	20°47	25°14	25°47	8°18	18°50	19°58	6°49	n.a.	M 4
T 5	10 11 23	4°50'33	14°34	10°32	4°43	24°58	11°51	20°43	25°12	25°48	8°18	18°D49	19°55	6°55	n.a.	T 5
W 6	10 15 19	5°49'15	26°23	12° 0	5°56	25°29	12° 4	20°38	25° 9	25°49	8°17	18°49	19°52	7° 2	n.a.	W 6
T 7	10 19 16	6°47'54	8♐17	13°30	7° 8	26° 1	12°16	20°34	25° 7	25°50	8°17	18°R49	19°49	7° 9	n.a.	T 7
F 8	10 23 12	7°46'32	20°22	15° 2	8°20	26°31	12°29	20°29	25° 4	25°51	8°16	18°49	19°45	7°15	n.a.	F 8
S 9	10 27 9	8°45'08	2♑44	16°35	9°33	27° 2	12°42	20°25	25° 2	25°52	8°16	18°46	19°42	7°22	n.a.	S 9
S 10	10 31 6	9°43'42	15°27	18°10	10°45	27°33	12°54	20°21	25° 0	25°53	8°15	18°41	19°39	7°28	n.a.	S 10
M11	10 35 2	10°42'15	28°34	19°47	11°57	28° 3	13° 7	20°17	24°57	25°54	8°15	18°34	19°36	7°35	n.a.	M11
T 12	10 38 59	11°40'46	12♒ 7	21°25	13° 9	28°33	13°20	20°12	24°55	25°55	8°14	18°25	19°33	7°42	n.a.	T 12
W13	10 42 55	12°39'14	26° 4	23° 5	14°21	29° 3	13°33	20° 8	24°52	25°56	8°13	18°14	19°30	7°48	n.a.	W13
T 14	10 46 52	13°37'41	10♓23	24°46	15°33	29°33	13°46	20° 4	24°50	25°57	8°13	18° 4	19°26	7°55	n.a.	T 14
F 15	10 50 48	14°36'06	24°57	26°29	16°45	0♐ 3	13°59	20° 0	24°47	25°57	8°12	17°55	19°23	8° 2	n.a.	F 15
S 16	10 54 45	15°34'28	9♈40	28°14	17°57	0°32	14°12	19°56	24°45	25°58	8°11	17°48	19°20	8° 8	n.a.	S 16
S 17	10 58 41	16°32'49	24°23	0♓ 0	19° 9	1° 1	14°26	19°52	24°42	25°59	8°10	17°43	19°17	8°15	n.a.	S 17
M18	11 2 38	17°31'08	9♉ 0	1°49	20°20	1°30	14°39	19°48	24°40	26° 0	8° 9	17°41	19°14	8°22	n.a.	M18
T 19	11 6 34	18°29'24	23°26	3°38	21°32	1°59	14°52	19°45	24°37	26° 0	8° 8	17°D41	19°11	8°28	n.a.	T 19
W20	11 10 31	19°27'38	7♊39	5°30	22°43	2°27	15° 5	19°41	24°35	26° 1	8° 8	17°42	19° 7	8°35	n.a.	W20
T 21	11 14 28	20°25'50	21°36	7°23	23°55	2°55	15°19	19°37	24°32	26° 1	8° 7	17°R42	19° 4	8°42	n.a.	T 21
F 22	11 18 24	21°24'00	5♋19	9°18	25° 6	3°23	15°32	19°34	24°30	26° 2	8° 6	17°41	19° 1	8°48	n.a.	F 22
S 23	11 22 21	22°22'08	18°47	11°14	26°18	3°51	15°45	19°30	24°27	26° 3	8° 5	17°38	18°58	8°55	n.a.	S 23
S 24	11 26 17	23°20'14	2♌ 2	13°12	27°29	4°18	15°59	19°27	24°25	26° 3	8° 4	17°33	18°55	9° 2	n.a.	S 24
M25	11 30 14	24°18'17	15° 4	15°12	28°40	4°46	16°12	19°23	24°22	26° 4	8° 3	17°26	18°51	9° 8	n.a.	M25
T 26	11 34 10	25°16'19	27°53	17°13	29°51	5°13	16°26	19°20	24°19	26° 4	8° 2	17°17	18°48	9°15	n.a.	T 26
W27	11 38 7	26°14'18	10♍30	19°16	1♉ 2	5°39	16°39	19°17	24°17	26° 4	8° 1	17° 8	18°45	9°21	n.a.	W27
T 28	11 42 3	27°12'16	22°56	21°20	2°13	6° 6	16°53	19°13	24°14	26° 5	8° 0	16°59	18°42	9°28	n.a.	T 28
F 29	11 46 0	28°10'12	5♎10	23°26	3°24	6°32	17° 6	19°10	24°12	26° 5	7°58	16°51	18°39	9°35	n.a.	F 29
S 30	11 49 57	29° 8'06	17°14	25°32	4°35	6°58	17°20	19° 7	24° 9	26° 5	7°57	16°45	18°36	9°41	n.a.	S 30
S 31	11 53 53	0♈ 5'59	29♎10	27♓40	5♉45	7♐23	17♈34	19♌ 4	24♍ 7	26♐ 6	7♏56	16♏41	18♏32	9♏48	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s19	2s18	3s59	21s11	1s55	0s16	0s14	18s 4	0n44	3n30	1s 1	16n56	2n21	2n34	0n45	23s12	0n32	5s 2	10n 0	17s46	18s 3	15s 2		n.a.
S 2	10 58	6 33	3 15	20 55	2 0	0n16	0 12	18 13	0 43	3 35	1 1	16 57	2 21	2 35	0 45	23 12	0 32	5 1	10 0	17 44	18 2	15 3		n.a.
S 3	10 36	10 28	2 23	20 38	2 4	0 48	0 9	18 23	0 41	3 40	1 1	16 59	2 21	2 36	0 45	23 12	0 32	5 1	10 0	17 42	18 1	15 5		n.a.
M 4	10 15	13 56	1 24	20 19	2 8	1 20	0 6	18 32	0 40	3 45	1 0	17 0	2 21	2 37	0 45	23 12	0 32	5 1	10 1	17 42	18 0	15 6		n.a.
T 5	9 53	16 49	0 23	19 58	2 11	1 52	0 3	18 41	0 39	3 50	1 0	17 2	2 21	2 38	0 45	23 12	0 32	5 0	10 1	17 41	17 59	15 8		n.a.
W 6	9 31	19 0	0n40	19 36	2 14	2 23	0n 0	18 49	0 37	3 55	1 0	17 3	2 21	2 39	0 45	23 13	0 32	5 0	10 1	17 41	17 59	15 9		n.a.
T 7	9 9	20 21	1 42	19 12	2 17	2 55	0 3	18 58	0 36	4 0	1 0	17 4	2 21	2 40	0 45	23 13	0 32	5 0	10 1	17 41	17 58	15 10		n.a.
F 8	8 47	20 48	2 40	18 47	2 19	3 27	0 6	19 7	0 35	4 5	1 0	17 6	2 21	2 40	0 45	23 13	0 32	4 59	10 1	17 41	17 57	15 12		n.a.
S 9	8 25	20 15	3 32	18 20	2 20	3 59	0 9	19 15	0 33	4 11	1 0	17 7	2 21	2 41	0 45	23 13	0 32	4 59	10 2	17 40	17 56	15 13		n.a.
S 10	8 2	18 41	4 14	17 51	2 21	4 30	0 12	19 24	0 32	4 16	0 59	17 9	2 20	2 42	0 45	23 13	0 32	4 59	10 2	17 39	17 55	15 15		n.a.
M11	7 40	16 7	4 45	17 21	2 22	5 2	0 15	19 32	0 31	4 21	0 59	17 10	2 20	2 43	0 45	23 13	0 32	4 58	10 2	17 37	17 54	15 16		n.a.
T 12	7 17	12 36	5 2	16 49	2 21	5 33	0 18	19 40	0 29	4 26	0 59	17 11	2 20	2 44	0 45	23 13	0 32	4 58	10 2	17 34	17 53	15 17		n.a.
W13	6 55	8 19	5 1	16 15	2 21	6 4	0 21	19 49	0 28	4 32	0 59	17 13	2 20	2 45	0 45	23 13	0 32	4 58	10 2	17 31	17 52	15 19		n.a.
T 14	6 32	3 28	4 41	15 39	2 20	6 35	0 25	19 57	0 26	4 37	0 59	17 14	2 20	2 46	0 45	23 13	0 32	4 57	10 3	17 29	17 52	15 20		n.a.
F 15	6 9	1n40	4 3	15 2	2 18	7 6	0 28	20 4	0 24	4 42	0 59	17 15	2 20	2 47	0 45	23 13	0 32	4 57	10 3	17 26	17 51	15 22		n.a.
S 16	5 46	6 46	3 8	14 23	2 16	7 37	0 31	20 12	0 23	4 47	0 58	17 16	2 20	2 48	0 45	23 13	0 32	4 56	10 3	17 24	17 50	15 23		n.a.
S 17	5 23	11 28	2 1	13 43	2 13	8 8	0 34	20 20	0 21	4 53	0 58	17 18	2 20	2 49	0 45	23 13	0 32	4 56	10 3	17 23	17 49	15 24		n.a.
M18	5 0	15 27	0 46	13 1	2 10	8 38	0 37	20 28	0 19	4 58	0 58	17 19	2 20	2 50	0 45	23 13	0 32	4 55	10 3	17 22	17 48	15 26		n.a.
T 19	4 37	18 25	0s31	12 17	2 6	9 8	0 40	20 35	0 18	5 3	0 58	17 20	2 20	2 51	0 45	23 13	0 32	4 55	10 3	17 22	17 47	15 27		n.a.
W20	4 14	20 12	1 45	11 31	2 2	9 38	0 43	20 43	0 16	5 9	0 58	17 21	2 20	2 52	0 45	23 13	0 32	4 55	10 4	17 22	17 46	15 28		n.a.
T 21	3 51	20 41	2 51	10 44	1 57	10 8	0 46	20 50	0 14	5 14	0 58	17 22	2 20	2 54	0 45	23 13	0 32	4 54	10 4	17 22	17 45	15 30		n.a.
F 22	3 28	19 55	3 47	9 55	1 51	10 38	0 49	20 57	0 12	5 19	0 58	17 23	2 20	2 55	0 45	23 13	0 32	4 54	10 4	17 22	17 45	15 31		n.a.
S 23	3 4	18 2	4 29	9 5	1 45	11 7	0 53	21 4	0 11	5 25	0 57	17 24	2 20	2 56	0 45	23 13	0 32	4 53	10 4	17 21	17 44	15 32		n.a.
S 24	2 41	15 13	4 55	8 13	1 39	11 36	0 56	21 11	0 9	5 30	0 57	17 25	2 20	2 57	0 45	23 13	0 32	4 53	10 4	17 20	17 43	15 34		n.a.
M25	2 18	11 42	5 6	7 20	1 32	12 5	0 59	21 18	0 7	5 35	0 57	17 26	2 20	2 58	0 45	23 13	0 32	4 52	10 4	17 18	17 42	15 35		n.a.
T 26	1 54	7 41	5 1	6 25	1 24	12 33	1 2	21 25	0 5	5 41	0 57	17 27	2 19	2 59	0 45	23 13	0 32	4 52	10 5	17 15	17 41	15 36		n.a.
W27	1 31	3 24	4 42	5 29	1 16	13 1	1 5	21 32	0 3	5 46	0 57	17 28	2 19	3 0	0 45	23 13	0 32	4 51	10 5	17 13	17 40	15 38		n.a.
T 28	1 8	0s57	4 9	4 31	1 8	13 29	1 8	21 39	0 1	5 52	0 57	17 29	2 19	3 1	0 45	23 13	0 32	4 51	10 5	17 10	17 39	15 39		n.a.
F 29	0 44	5 13	3 25	3 33	0 59	13 57	1 11	21 45	0s 1	5 57	0 57	17 30	2 19	3 2	0 45	23 13	0 32	4 50	10 5	17 8	17 38	15 40		n.a.
S 30	0 21	9 12	2 32	2 33	0 50	14 24	1 14	21 52	0 4	6 2	0 57	17 31	2 19	3 3	0 45	23 13	0 32	4 50	10 5	17 6	17 37	15 42		n.a.
S 31	0n 2	12s48	1s33	1s33	0s40	14n51	1n17	21s58	0s 6	6n 8	0s56	17n32	2n19	3n 4	0n45	23s13	0n32	4s50	10n 5	17s 5	17s37	15s43		n.a.

Julian Day Number = 1368650.5, Delta T = 06h52m37s
Ecliptic obliquity = 23°48'32, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°24'36, Lahiri = -17°17'35 Julian Calendar 1 March 966 BCE == Greg. Calendar 20 Feb. 966 BCE

The year -965 astronomical counting style corresponds to year 966 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 966 BCE
geocentric

APRIL 966 BCE (-965) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 57 50	1♈ 3'50	11♏ 0	29♓49	6♉56	7♐48	17♈47	19°R 1	24°R 4	26♐ 6	7°R55	16°D40	18♏29	9♏55	n.a.	M 1
T 2	12 1 46	2° 1'40	22°47	1♈58	8° 7	8°13	18° 1	18♎59	24♍ 2	26° 6	7♏54	16♏40	18°26	10° 1	n.a.	T 2
W 3	12 5 43	2°59'28	4♐35	4° 8	9°17	8°38	18°15	18°56	23°59	26° 6	7°53	16°41	18°23	10° 8	n.a.	W 3
T 4	12 9 39	3°57'15	16°30	6°19	10°27	9° 2	18°29	18°53	23°57	26° 6	7°51	16°42	18°20	10°15	n.a.	T 4
F 5	12 13 36	4°55'01	28°35	8°29	11°38	9°26	18°42	18°51	23°54	26° 7	7°50	16°43	18°17	10°21	n.a.	F 5
S 6	12 17 32	5°52'45	10♑55	10°39	12°48	9°49	18°56	18°48	23°52	26° 7	7°49	16°R44	18°13	10°28	n.a.	S 6
S 7	12 21 29	6°50'29	23°36	12°48	13°58	10°13	19°10	18°46	23°49	26° 7	7°47	16°42	18°10	10°35	n.a.	S 7
M 8	12 25 26	7°48'11	6♒42	14°57	15° 8	10°35	19°24	18°44	23°47	26°R 7	7°46	16°39	18° 7	10°41	n.a.	M 8
T 9	12 29 22	8°45'51	20°15	17° 4	16°18	10°58	19°38	18°42	23°44	26° 7	7°45	16°35	18° 4	10°48	n.a.	T 9
W10	12 33 19	9°43'31	4♓15	19°11	17°27	11°20	19°51	18°39	23°42	26° 7	7°43	16°29	18° 1	10°55	n.a.	W10
T 11	12 37 15	10°41'09	18°41	21°15	18°37	11°41	20° 5	18°37	23°39	26° 7	7°42	16°24	17°57	11° 1	n.a.	T 11
F 12	12 41 12	11°38'46	3♈26	23°18	19°47	12° 3	20°19	18°36	23°37	26° 6	7°41	16°19	17°54	11° 8	n.a.	F 12
S 13	12 45 8	12°36'21	18°25	25°18	20°56	12°23	20°33	18°34	23°35	26° 6	7°39	16°15	17°51	11°14	n.a.	S 13
S 14	12 49 5	13°33'56	3♉28	27°16	22° 6	12°44	20°47	18°32	23°32	26° 6	7°38	16°13	17°48	11°21	n.a.	S 14
M15	12 53 1	14°31'29	18°26	29°12	23°15	13° 4	21° 1	18°30	23°30	26° 6	7°36	16°D13	17°45	11°28	n.a.	M15
T 16	12 56 58	15°29'00	3♊12	1♉ 5	24°24	13°23	21°15	18°29	23°28	26° 6	7°35	16°14	17°42	11°34	n.a.	T 16
W17	13 0 54	16°26'30	17°40	2°56	25°33	13°42	21°29	18°27	23°25	26° 5	7°34	16°15	17°38	11°41	n.a.	W17
T 18	13 4 51	17°23'59	1♋48	4°44	26°42	14° 0	21°43	18°26	23°23	26° 5	7°32	16°16	17°35	11°48	n.a.	T 18
F 19	13 8 48	18°21'26	15°35	6°29	27°51	14°18	21°57	18°25	23°21	26° 5	7°31	16°R17	17°32	11°54	n.a.	F 19
S 20	13 12 44	19°18'51	29° 0	8°11	29° 0	14°36	22°11	18°24	23°19	26° 4	7°29	16°17	17°29	12° 1	n.a.	S 20
S 21	13 16 41	20°16'15	12♌ 6	9°50	0♊ 8	14°53	22°25	18°23	23°17	26° 4	7°28	16°15	17°26	12° 8	n.a.	S 21
M22	13 20 37	21°13'38	24°55	11°26	1°17	15° 9	22°38	18°22	23°14	26° 3	7°26	16°13	17°22	12°14	n.a.	M22
T 23	13 24 34	22°10'59	7♍29	12°59	2°25	15°25	22°52	18°21	23°12	26° 3	7°25	16° 9	17°19	12°21	n.a.	T 23
W24	13 28 30	23° 8'19	19°51	14°29	3°33	15°41	23° 6	18°20	23°10	26° 3	7°23	16° 6	17°16	12°28	n.a.	W24
T 25	13 32 27	24° 5'38	2♎ 1	15°55	4°41	15°56	23°20	18°20	23° 8	26° 2	7°22	16° 2	17°13	12°34	n.a.	T 25
F 26	13 36 23	25° 2'56	14° 3	17°19	5°49	16°10	23°34	18°19	23° 6	26° 1	7°20	15°59	17°10	12°41	n.a.	F 26
S 27	13 40 20	26° 0'13	25°58	18°40	6°57	16°24	23°48	18°18	23° 4	26° 1	7°18	15°57	17° 7	12°47	n.a.	S 27
S 28	13 44 17	26°57'29	7♏48	19°57	8° 5	16°37	24° 2	18°18	23° 2	26° 0	7°17	15°56	17° 3	12°54	n.a.	S 28
M29	13 48 13	27°54'44	19°36	21°11	9°12	16°50	24°16	18°18	23° 0	26° 0	7°15	15°D56	17° 0	13° 1	n.a.	M29
T 30	13 52 10	28♈51'58	1♐24	22♑21	10♊20	17♐ 2	24♈30	18♎18	22♍58	25♐59	7♏14	15♏56	16♏57	13♏ 7	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n26	15s50	0s31	0s32	0s30	15n18	1n20	22s 5	0s 8	6n13	0s56	17n33	2n19	3n 5	0n45	23s13	0n32	4s49	10n 5	17s 4	17s36	15s44		n.a.
T 2	0 49	18 13	0n33	0n30	0 20	15 44	1 23	22 11	0 10	6 19	0 56	17 33	2 19	3 6	0 45	23 13	0 32	4 49	10 5	17 4	17 35	15 46		n.a.
W 3	1 12	19 49	1 36	1 32	0 9	16 9	1 26	22 17	0 13	6 24	0 56	17 34	2 19	3 7	0 45	23 13	0 32	4 48	10 6	17 5	17 34	15 47		n.a.
T 4	1 36	20 33	2 35	2 34	0n 1	16 35	1 28	22 24	0 15	6 29	0 56	17 35	2 18	3 8	0 45	23 13	0 32	4 48	10 6	17 5	17 33	15 48		n.a.
F 5	1 59	20 20	3 28	3 36	0 12	17 0	1 31	22 30	0 17	6 35	0 56	17 36	2 18	3 9	0 45	23 13	0 32	4 47	10 6	17 6	17 32	15 50		n.a.
S 6	2 22	19 9	4 13	4 37	0 23	17 24	1 34	22 36	0 20	6 40	0 56	17 36	2 18	3 10	0 45	23 13	0 32	4 47	10 6	17 6	17 31	15 51		n.a.
S 7	2 45	17 0	4 47	5 38	0 33	17 49	1 37	22 42	0 22	6 46	0 56	17 37	2 18	3 11	0 45	23 13	0 32	4 46	10 6	17 5	17 30	15 52		n.a.
M 8	3 9	13 56	5 7	6 39	0 44	18 12	1 39	22 47	0 25	6 51	0 56	17 37	2 18	3 12	0 45	23 13	0 32	4 46	10 6	17 4	17 29	15 53		n.a.
T 9	3 32	10 3	5 11	7 38	0 54	18 36	1 42	22 53	0 28	6 56	0 55	17 38	2 18	3 13	0 45	23 13	0 32	4 45	10 6	17 3	17 29	15 55		n.a.
W10	3 55	5 30	4 57	8 36	1 4	18 58	1 45	22 59	0 30	7 2	0 55	17 39	2 18	3 14	0 45	23 13	0 32	4 45	10 6	17 1	17 28	15 56		n.a.
T 11	4 18	0 31	4 24	9 33	1 13	19 21	1 47	23 5	0 33	7 7	0 55	17 39	2 18	3 15	0 45	23 13	0 32	4 44	10 6	17 0	17 27	15 57		n.a.
F 12	4 40	4n38	3 33	10 28	1 22	19 43	1 50	23 10	0 36	7 13	0 55	17 40	2 17	3 15	0 45	23 13	0 32	4 44	10 6	16 58	17 26	15 59		n.a.
S 13	5 3	9 34	2 26	11 21	1 31	20 4	1 52	23 16	0 39	7 18	0 55	17 40	2 17	3 16	0 45	23 13	0 32	4 43	10 6	16 57	17 25	16 0		n.a.
S 14	5 26	13 57	1 9	12 12	1 39	20 25	1 54	23 21	0 41	7 23	0 55	17 40	2 17	3 17	0 45	23 13	0 32	4 43	10 6	16 57	17 24	16 1		n.a.
M15	5 49	17 23	0s12	13 1	1 47	20 45	1 57	23 27	0 44	7 29	0 55	17 41	2 17	3 18	0 45	23 13	0 32	4 42	10 6	16 57	17 23	16 2		n.a.
T 16	6 11	19 37	1 32	13 48	1 54	21 5	1 59	23 32	0 47	7 34	0 55	17 41	2 17	3 19	0 45	23 13	0 32	4 42	10 6	16 57	17 22	16 4		n.a.
W17	6 34	20 30	2 44	14 33	2 0	21 24	2 1	23 38	0 50	7 39	0 55	17 41	2 17	3 20	0 45	23 13	0 32	4 41	10 6	16 57	17 21	16 5		n.a.
T 18	6 56	20 3	3 45	15 16	2 6	21 43	2 3	23 43	0 53	7 45	0 55	17 42	2 17	3 21	0 45	23 13	0 32	4 41	10 6	16 58	17 20	16 6		n.a.
F 19	7 18	18 24	4 30	15 56	2 11	22 1	2 5	23 48	0 57	7 50	0 54	17 42	2 16	3 22	0 45	23 13	0 32	4 40	10 6	16 58	17 19	16 7		n.a.
S 20	7 40	15 47	5 0	16 34	2 15	22 19	2 7	23 54	1 0	7 55	0 54	17 42	2 16	3 23	0 45	23 13	0 32	4 40	10 7	16 58	17 19	16 9		n.a.
S 21	8 2	12 25	5 13	17 10	2 18	22 36	2 9	23 59	1 3	8 1	0 54	17 42	2 16	3 24	0 45	23 13	0 32	4 39	10 7	16 57	17 18	16 10		n.a.
M22	8 24	8 32	5 11	17 43	2 21	22 52	2 11	24 4	1 6	8 6	0 54	17 42	2 16	3 24	0 45	23 13	0 32	4 39	10 7	16 57	17 17	16 11		n.a.
T 23	8 46	4 22	4 53	18 14	2 23	23 8	2 13	24 9	1 10	8 11	0 54	17 43	2 16	3 25	0 45	23 13	0 32	4 38	10 7	16 56	17 16	16 12		n.a.
W24	9 8	0 5	4 22	18 43	2 24	23 24	2 15	24 14	1 13	8 17	0 54	17 43	2 16	3 26	0 45	23 13	0 32	4 38	10 7	16 54	17 15	16 14		n.a.
T 25	9 29	4s 9	3 39	19 9	2 24	23 38	2 16	24 19	1 17	8 22	0 54	17 43	2 15	3 27	0 45	23 13	0 32	4 37	10 7	16 53	17 14	16 15		n.a.
F 26	9 50	8 11	2 47	19 34	2 24	23 52	2 18	24 24	1 20	8 27	0 54	17 43	2 15	3 28	0 45	23 13	0 32	4 37	10 6	16 53	17 13	16 16		n.a.
S 27	10 12	11 51	1 48	19 56	2 23	24 6	2 19	24 30	1 24	8 33	0 54	17 43	2 15	3 28	0 45	23 13	0 32	4 36	10 6	16 52	17 12	16 17		n.a.
S 28	10 33	15 2	0 45	20 15	2 21	24 18	2 21	24 35	1 28	8 38	0 54	17 43	2 15	3 29	0 45	23 13	0 32	4 36	10 6	16 52	17 11	16 18		n.a.
M29	10 54	17 35	0n20	20 33	2 18	24 31	2 22	24 40	1 31	8 43	0 54	17 43	2 15	3 30	0 45	23 13	0 32	4 35	10 6	16 52	17 10	16 20		n.a.
T 30	11n14	19s23	1n25	20n48	2n14	24n42	2n23	24s45	1s35	8n48	0s54	17n42	2n15	3n31	0n45	23s13	0n32	4s35	10n 6	16s52	17s 9	16s21		n.a.

Julian Day Number = 1368681.5, Delta T = 06h52m35s
Ecliptic obliquity = 23°48'32, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°24'31, Lahiri = -17°17'31 Julian Calendar 1 Apr. 966 BCE == Greg. Calendar 23 March 966 BCE

The year -965 astronomical counting style corresponds to year 966 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 966 BCE
geocentric

MAY 966 BCE (-965) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 56 6	29♈49'12	13♐15	23♉29	11♊27	17♐13	24♈44	18°D18	22°R56	25°R58	7°R12	15♏57	16♏54	13♏14	n.a.	W 1
T 2	14 0 3	0♉46'25	25°12	24°33	12°34	17°24	24°58	18♌18	22♍54	25♐57	7♏11	15°59	16°51	13°21	n.a.	T 2
F 3	14 3 59	1°43'38	7♑19	25°33	13°41	17°34	25°12	18°18	22°53	25°57	7° 9	16° 0	16°48	13°27	n.a.	F 3
S 4	14 7 56	2°40'50	19°40	26°30	14°48	17°44	25°26	18°18	22°51	25°56	7° 7	16° 1	16°44	13°34	n.a.	S 4
S 5	14 11 52	3°38'01	2♒20	27°23	15°54	17°52	25°39	18°18	22°49	25°55	7° 6	16°R 1	16°41	13°41	n.a.	S 5
M 6	14 15 49	4°35'13	15°22	28°12	17° 1	18° 0	25°53	18°19	22°48	25°54	7° 4	16° 1	16°38	13°47	n.a.	M 6
T 7	14 19 46	5°32'24	28°49	28°58	18° 7	18° 8	26° 7	18°19	22°46	25°53	7° 3	16° 0	16°35	13°54	n.a.	T 7
W 8	14 23 42	6°29'34	12♓42	29°39	19°13	18°15	26°21	18°20	22°44	25°53	7° 1	15°59	16°32	14° 1	n.a.	W 8
T 9	14 27 39	7°26'44	27° 2	0♊17	20°19	18°21	26°35	18°21	22°43	25°52	6°59	15°58	16°28	14° 7	n.a.	T 9
F 10	14 31 35	8°23'54	11♈46	0°51	21°25	18°26	26°48	18°22	22°41	25°51	6°58	15°57	16°25	14°14	n.a.	F 10
S 11	14 35 32	9°21'03	26°46	1°20	22°31	18°30	27° 2	18°23	22°40	25°50	6°56	15°57	16°22	14°21	n.a.	S 11
S 12	14 39 28	10°18'13	11♉56	1°45	23°36	18°34	27°16	18°24	22°38	25°49	6°55	15°D57	16°19	14°27	n.a.	S 12
M13	14 43 25	11°15'21	27° 5	2° 5	24°41	18°37	27°30	18°25	22°37	25°48	6°53	15°57	16°16	14°34	n.a.	M13
T 14	14 47 22	12°12'30	12♊ 6	2°21	25°46	18°40	27°43	18°26	22°35	25°47	6°51	15°57	16°13	14°40	n.a.	T 14
W15	14 51 18	13° 9'38	26°50	2°33	26°51	18°41	27°57	18°27	22°34	25°46	6°50	15°57	16° 9	14°47	n.a.	W15
T 16	14 55 15	14° 6'45	11♋11	2°40	27°56	18°42	28°11	18°29	22°33	25°44	6°48	15°57	16° 6	14°54	n.a.	T 16
F 17	14 59 11	15° 3'51	25° 7	2°R42	29° 0	18°R42	28°24	18°30	22°32	25°43	6°47	15°58	16° 3	15° 0	n.a.	F 17
S 18	15 3 8	16° 0'58	8♌37	2°40	0♋ 4	18°41	28°38	18°32	22°30	25°42	6°45	15°58	16° 0	15° 7	n.a.	S 18
S 19	15 7 4	16°58'03	21°43	2°33	1° 8	18°40	28°52	18°34	22°29	25°41	6°43	15°58	15°57	15°14	n.a.	S 19
M20	15 11 1	17°55'08	4♍28	2°22	2°12	18°38	29° 5	18°36	22°28	25°40	6°42	15°58	15°53	15°20	n.a.	M20
T 21	15 14 57	18°52'13	16°54	2° 7	3°16	18°35	29°19	18°38	22°27	25°39	6°40	15°58	15°50	15°27	n.a.	T 21
W22	15 18 54	19°49'17	29° 6	1°48	4°19	18°31	29°32	18°40	22°26	25°37	6°39	15°58	15°47	15°34	n.a.	W22
T 23	15 22 51	20°46'21	11♎ 7	1°25	5°22	18°27	29°45	18°42	22°25	25°36	6°37	15°59	15°44	15°40	n.a.	T 23
F 24	15 26 47	21°43'24	23° 1	0°58	6°25	18°21	29°59	18°44	22°24	25°35	6°36	15°59	15°41	15°47	n.a.	F 24
S 25	15 30 44	22°40'28	4♏50	0°29	7°27	18°16	0♉12	18°46	22°23	25°34	6°34	16° 0	15°38	15°54	n.a.	S 25
S 26	15 34 40	23°37'31	16°38	29♉57	8°29	18° 9	0°26	18°49	22°23	25°32	6°33	16°R 0	15°34	16° 0	n.a.	S 26
M27	15 38 37	24°34'35	28°26	29°23	9°31	18° 2	0°39	18°51	22°22	25°31	6°31	16° 0	15°31	16° 7	n.a.	M27
T 28	15 42 33	25°31'38	10♐18	28°47	10°33	17°54	0°52	18°54	22°21	25°30	6°30	15°59	15°28	16°13	n.a.	T 28
W29	15 46 30	26°28'42	22°14	28°10	11°34	17°45	1° 5	18°56	22°21	25°28	6°28	15°58	15°25	16°20	n.a.	W29
T 30	15 50 26	27°25'46	4♑19	27°33	12°35	17°36	1°18	18°59	22°20	25°27	6°27	15°56	15°22	16°27	n.a.	T 30
F 31	15 54 23	28♉22'51	16♑34	26♉56	13♋36	17♐26	1♉32	19♌ 2	22♍19	25♐26	6♏25	15♏55	15♏19	16♏33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	11n35	20s20	2n26	21n 2	2n10	24n53	2n24	24s49	1s39	8n54	0s54	17n42	2n14	3n31	0n45	23s13	0n32	4s35	10n 6	16s52	17s 9	16s22			n.a.
T 2	11 55	20 22	3 21	21 13	2 5	25 3	2 25	24 54	1 43	8 59	0 54	17 42	2 14	3 32	0 44	23 12	0 32	4 34	10 6	16 52	17 8	16 23			n.a.
F 3	12 15	19 29	4 8	21 22	1 59	25 13	2 26	24 59	1 47	9 4	0 53	17 42	2 14	3 33	0 44	23 12	0 32	4 34	10 6	16 53	17 7	16 24			n.a.
S 4	12 35	17 39	4 45	21 29	1 52	25 22	2 27	25 4	1 51	9 9	0 53	17 42	2 14	3 34	0 44	23 12	0 32	4 33	10 6	16 53	17 6	16 26			n.a.
S 5	12 55	14 56	5 8	21 34	1 45	25 30	2 28	25 9	1 55	9 14	0 53	17 41	2 14	3 34	0 44	23 12	0 32	4 33	10 6	16 53	17 5	16 27			n.a.
M 6	13 15	11 26	5 17	21 38	1 36	25 37	2 28	25 14	1 59	9 20	0 53	17 41	2 13	3 35	0 44	23 12	0 32	4 32	10 6	16 53	17 4	16 28			n.a.
T 7	13 34	7 14	5 10	21 39	1 27	25 44	2 29	25 19	2 3	9 25	0 53	17 41	2 13	3 35	0 44	23 12	0 32	4 32	10 6	16 53	17 3	16 29			n.a.
W 8	13 53	2 32	4 44	21 39	1 17	25 51	2 29	25 24	2 8	9 30	0 53	17 40	2 13	3 36	0 44	23 12	0 32	4 31	10 6	16 53	17 2	16 30			n.a.
T 9	14 12	2n28	4 0	21 36	1 7	25 56	2 30	25 29	2 12	9 35	0 53	17 40	2 13	3 37	0 44	23 12	0 32	4 31	10 6	16 52	17 1	16 31			n.a.
F 10	14 31	7 27	2 59	21 32	0 55	26 1	2 30	25 33	2 16	9 40	0 53	17 40	2 13	3 37	0 44	23 12	0 32	4 31	10 6	16 52	17 0	16 33			n.a.
S 11	14 50	12 6	1 45	21 27	0 43	26 5	2 30	25 38	2 21	9 45	0 53	17 39	2 13	3 38	0 44	23 12	0 32	4 30	10 5	16 52	16 59	16 34			n.a.
S 12	15 8	16 0	0 22	21 19	0 30	26 9	2 30	25 43	2 25	9 50	0 53	17 39	2 12	3 38	0 44	23 12	0 32	4 30	10 5	16 52	16 58	16 35			n.a.
M13	15 26	18 49	1s 2	21 10	0 17	26 11	2 30	25 48	2 30	9 55	0 53	17 38	2 12	3 39	0 44	23 12	0 32	4 29	10 5	16 52	16 57	16 36			n.a.
T 14	15 44	20 16	2 20	21 0	0 3	26 14	2 29	25 53	2 34	10 0	0 53	17 37	2 12	3 39	0 44	23 12	0 32	4 29	10 5	16 52	16 57	16 37			n.a.
W15	16 2	20 18	3 28	20 48	0s12	26 15	2 29	25 57	2 39	10 5	0 53	17 37	2 12	3 40	0 44	23 12	0 32	4 29	10 5	16 52	16 56	16 38			n.a.
T 16	16 19	18 59	4 21	20 35	0 27	26 16	2 28	26 2	2 43	10 10	0 53	17 36	2 12	3 40	0 44	23 12	0 32	4 28	10 5	16 52	16 55	16 40			n.a.
F 17	16 36	16 34	4 57	20 20	0 42	26 16	2 28	26 7	2 48	10 15	0 53	17 36	2 12	3 41	0 44	23 12	0 32	4 28	10 5	16 52	16 54	16 41			n.a.
S 18	16 53	13 19	5 15	20 4	0 58	26 15	2 27	26 11	2 53	10 20	0 53	17 35	2 11	3 41	0 44	23 12	0 32	4 28	10 5	16 52	16 53	16 42			n.a.
S 19	17 10	9 30	5 16	19 47	1 14	26 14	2 26	26 16	2 58	10 25	0 53	17 34	2 11	3 42	0 44	23 12	0 32	4 27	10 4	16 52	16 52	16 43			n.a.
M20	17 26	5 21	5 2	19 29	1 31	26 12	2 25	26 20	3 2	10 30	0 53	17 33	2 11	3 42	0 44	23 12	0 32	4 27	10 4	16 52	16 51	16 44			n.a.
T 21	17 42	1 4	4 33	19 10	1 47	26 10	2 24	26 25	3 7	10 35	0 53	17 33	2 11	3 43	0 44	23 12	0 32	4 26	10 4	16 52	16 50	16 45			n.a.
W22	17 58	3s11	3 52	18 50	2 3	26 7	2 22	26 29	3 12	10 40	0 53	17 32	2 11	3 43	0 44	23 12	0 32	4 26	10 4	16 52	16 49	16 46			n.a.
T 23	18 13	7 15	3 2	18 30	2 19	26 3	2 21	26 34	3 17	10 44	0 53	17 31	2 11	3 43	0 44	23 12	0 32	4 26	10 4	16 52	16 48	16 47			n.a.
F 24	18 29	11 0	2 4	18 9	2 35	25 58	2 19	26 38	3 21	10 49	0 52	17 30	2 10	3 44	0 44	23 12	0 32	4 25	10 4	16 53	16 47	16 48			n.a.
S 25	18 43	14 18	1 2	17 48	2 50	25 53	2 18	26 42	3 26	10 54	0 52	17 29	2 10	3 44	0 44	23 12	0 32	4 25	10 3	16 53	16 46	16 50			n.a.
S 26	18 58	17 0	0n 4	17 27	3 4	25 47	2 16	26 46	3 31	10 59	0 52	17 28	2 10	3 44	0 44	23 12	0 32	4 25	10 3	16 53	16 45	16 51			n.a.
M27	19 12	19 0	1 9	17 6	3 18	25 41	2 14	26 51	3 36	11 3	0 52	17 27	2 10	3 44	0 44	23 12	0 32	4 25	10 3	16 53	16 44	16 52			n.a.
T 28	19 26	20 11	2 11	16 46	3 31	25 34	2 12	26 55	3 41	11 8	0 52	17 26	2 10	3 45	0 44	23 12	0 32	4 24	10 3	16 53	16 43	16 53			n.a.
W29	19 40	20 27	3 8	16 27	3 42	25 27	2 9	26 59	3 45	11 13	0 52	17 25	2 9	3 45	0 44	23 12	0 32	4 24	10 3	16 52	16 43	16 54			n.a.
T 30	19 53	19 47	3 57	16 9	3 53	25 18	2 7	27 2	3 50	11 18	0 52	17 24	2 9	3 45	0 43	23 11	0 32	4 24	10 2	16 52	16 42	16 55			n.a.
F 31	20n 6	18s12	4n36	15n51	4s 2	25n10	2n 4	27s 6	3s55	11n22	0s52	17n23	2n 9	3n45	0n43	23s11	0n32	4s23	10n 2	16s51	16s41	16s56			n.a.

Julian Day Number = 1368711.5, Delta T = 06h52m34s
Ecliptic obliquity = 23°48'32, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°24'27, Lahiri = -17°17'27 Julian Calendar 1 May 966 BCE == Greg. Calendar 22 Apr. 966 BCE

The year -965 astronomical counting style corresponds to year 966 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 966 BCE
geocentric

JUNE 966 BCE (-965) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 58 20	29♉19'56	29♋ 1	26°R21	14♋36	17°R15	1♉45	19♌ 5	22°R19	25°R24	6°R24	15°R53	15♏15	16♏40	n.a.	S 1
S 2	16 2 16	0♊17'01	11♒44	25♉46	15°36	17♐ 4	1°58	19° 8	22♍18	25♐23	6♏22	15♏52	15°12	16°47	n.a.	S 2
M 3	16 6 13	1°14'07	24°45	25°14	16°36	16°52	2°11	19°11	22°18	25°21	6°21	15°51	15° 9	16°53	n.a.	M 3
T 4	16 10 9	2°11'13	8♓ 7	24°45	17°35	16°40	2°24	19°14	22°18	25°20	6°19	15°D51	15° 6	17° 0	n.a.	T 4
W 5	16 14 6	3° 8'20	21°51	24°19	18°34	16°27	2°36	19°17	22°17	25°18	6°18	15°52	15° 3	17° 7	n.a.	W 5
T 6	16 18 2	4° 5'28	5♈59	23°57	19°32	16°13	2°49	19°21	22°17	25°17	6°17	15°53	14°59	17°13	n.a.	T 6
F 7	16 21 59	5° 2'36	20°29	23°39	20°30	15°59	3° 2	19°24	22°17	25°15	6°15	15°54	14°56	17°20	n.a.	F 7
S 8	16 25 56	5°59'45	5♉18	23°26	21°28	15°45	3°15	19°28	22°17	25°14	6°14	15°55	14°53	17°27	n.a.	S 8
S 9	16 29 52	6°56'55	20°20	23°17	22°26	15°30	3°28	19°31	22°17	25°12	6°13	15°R55	14°50	17°33	n.a.	S 9
M10	16 33 49	7°54'05	5♊27	23°D13	23°23	15°15	3°40	19°35	22°D17	25°11	6°11	15°54	14°47	17°40	n.a.	M10
T 11	16 37 45	8°51'16	20°29	23°15	24°19	15° 0	3°53	19°39	22°17	25° 9	6°10	15°52	14°44	17°47	n.a.	T 11
W12	16 41 42	9°48'28	5♋19	23°22	25°15	14°44	4° 5	19°43	22°17	25° 8	6° 9	15°49	14°40	17°53	n.a.	W12
T 13	16 45 38	10°45'40	19°49	23°35	26°11	14°28	4°18	19°47	22°17	25° 6	6° 8	15°46	14°37	18° 0	n.a.	T 13
F 14	16 49 35	11°42'52	3♌53	23°53	27° 6	14°12	4°30	19°51	22°17	25° 5	6° 6	15°43	14°34	18° 6	n.a.	F 14
S 15	16 53 31	12°40'05	17°30	24°17	28° 0	13°56	4°42	19°55	22°17	25° 3	6° 5	15°40	14°31	18°13	n.a.	S 15
S 16	16 57 28	13°37'18	0♍40	24°47	28°54	13°40	4°55	19°59	22°18	25° 1	6° 4	15°38	14°28	18°20	n.a.	S 16
M17	17 1 25	14°34'32	13°26	25°22	29°48	13°23	5° 7	20° 3	22°18	25° 0	6° 3	15°D37	14°25	18°26	n.a.	M17
T 18	17 5 21	15°31'46	25°51	26° 3	0♌41	13° 7	5°19	20° 8	22°18	24°58	6° 2	15°38	14°21	18°33	n.a.	T 18
W19	17 9 18	16°29'01	7♎59	26°50	1°33	12°51	5°31	20°12	22°19	24°57	6° 1	15°39	14°18	18°40	n.a.	W19
T 20	17 13 14	17°26'16	19°56	27°42	2°24	12°35	5°43	20°16	22°19	24°55	5°59	15°41	14°15	18°46	n.a.	T 20
F 21	17 17 11	18°23'32	1♏46	28°40	3°16	12°19	5°55	20°21	22°20	24°53	5°58	15°42	14°12	18°53	n.a.	F 21
S 22	17 21 7	19°20'49	13°33	29°43	4° 6	12° 3	6° 7	20°26	22°20	24°52	5°57	15°R43	14° 9	19° 0	n.a.	S 22
S 23	17 25 4	20°18'06	25°21	0♊51	4°56	11°47	6°19	20°30	22°21	24°50	5°56	15°43	14° 5	19° 6	n.a.	S 23
M24	17 29 0	21°15'25	7♐14	2° 5	5°44	11°32	6°30	20°35	22°22	24°49	5°55	15°41	14° 2	19°13	n.a.	M24
T 25	17 32 57	22°12'44	19°12	3°23	6°33	11°17	6°42	20°40	22°22	24°47	5°54	15°37	13°59	19°20	n.a.	T 25
W26	17 36 54	23°10'05	1♋20	4°47	7°20	11° 3	6°53	20°45	22°23	24°45	5°53	15°32	13°56	19°26	n.a.	W26
T 27	17 40 50	24° 7'26	13°37	6°15	8° 7	10°49	7° 5	20°50	22°24	24°44	5°52	15°25	13°53	19°33	n.a.	T 27
F 28	17 44 47	25° 4'49	26° 5	7°47	8°53	10°35	7°16	20°55	22°25	24°42	5°52	15°18	13°50	19°40	n.a.	F 28
S 29	17 48 43	26° 2'13	8♒46	9°24	9°38	10°22	7°28	21° 0	22°26	24°40	5°51	15°12	13°46	19°46	n.a.	S 29
S 30	17 52 40	26♊59'38	21♒39	11♊ 5	10♌22	10♐ 9	7♉39	21♌ 5	22♍27	24♐39	5♏50	15♏ 6	13♏43	19♏53	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n19	15s44	5n 3	15n36	4s 9	25n 0	2n 1	27s10	4s 0	11n27	0s52	17n22	2n 9	3n45	0n43	23s11	0n32	4s23	10n 2	16s51	16s40	16s57		n.a.
S 2	20 31	12 29	5 16	15 22	4 15	24 51	1 59	27 13	4 4	11 31	0 52	17 21	2 9	3 46	0 43	23 11	0 32	4 23	10 2	16 50	16 39	16 58		n.a.
M 3	20 43	8 34	5 13	15 10	4 20	24 40	1 55	27 17	4 9	11 36	0 52	17 20	2 9	3 46	0 43	23 11	0 32	4 23	10 1	16 50	16 38	16 59		n.a.
T 4	20 55	4 8	4 53	15 0	4 23	24 29	1 52	27 20	4 13	11 40	0 52	17 19	2 9	3 46	0 43	23 11	0 32	4 23	10 1	16 50	16 37	17 0		n.a.
W 5	21 6	0n38	4 16	14 52	4 25	24 18	1 49	27 23	4 18	11 45	0 52	17 18	2 8	3 46	0 43	23 11	0 32	4 22	10 1	16 50	16 36	17 2		n.a.
T 6	21 17	5 31	3 23	14 46	4 25	24 6	1 45	27 26	4 22	11 49	0 52	17 16	2 8	3 46	0 43	23 11	0 32	4 22	10 1	16 51	16 35	17 3		n.a.
F 7	21 28	10 13	2 16	14 43	4 24	23 53	1 42	27 29	4 27	11 54	0 52	17 15	2 8	3 46	0 43	23 11	0 32	4 22	10 0	16 51	16 34	17 4		n.a.
S 8	21 38	14 24	0 58	14 42	4 21	23 40	1 38	27 31	4 31	11 58	0 52	17 14	2 8	3 46	0 43	23 11	0 32	4 22	10 0	16 51	16 33	17 5		n.a.
S 9	21 48	17 43	0s24	14 44	4 17	23 27	1 34	27 34	4 35	12 3	0 52	17 13	2 8	3 46	0 43	23 11	0 32	4 22	10 0	16 51	16 32	17 6		n.a.
M10	21 58	19 48	1 46	14 48	4 12	23 13	1 29	27 36	4 39	12 7	0 52	17 11	2 8	3 46	0 43	23 11	0 32	4 21	10 0	16 51	16 31	17 7		n.a.
T 11	22 7	20 29	2 59	14 55	4 5	22 59	1 25	27 38	4 43	12 11	0 52	17 10	2 7	3 46	0 43	23 11	0 32	4 21	9 59	16 51	16 30	17 8		n.a.
W12	22 16	19 43	4 0	15 4	3 57	22 44	1 20	27 40	4 47	12 16	0 52	17 8	2 7	3 46	0 43	23 11	0 32	4 21	9 59	16 50	16 29	17 9		n.a.
T 13	22 24	17 39	4 43	15 16	3 49	22 29	1 16	27 42	4 51	12 20	0 52	17 7	2 7	3 46	0 43	23 11	0 32	4 21	9 59	16 49	16 28	17 10		n.a.
F 14	22 32	14 36	5 8	15 30	3 39	22 13	1 11	27 44	4 54	12 24	0 52	17 6	2 7	3 46	0 43	23 11	0 32	4 21	9 58	16 48	16 27	17 11		n.a.
S 15	22 40	10 50	5 14	15 46	3 29	21 57	1 6	27 45	4 58	12 28	0 52	17 4	2 7	3 46	0 43	23 11	0 32	4 21	9 58	16 47	16 26	17 12		n.a.
S 16	22 47	6 40	5 4	16 4	3 18	21 41	1 0	27 46	5 1	12 32	0 52	17 3	2 7	3 45	0 43	23 11	0 32	4 21	9 58	16 46	16 25	17 13		n.a.
M17	22 54	2 20	4 38	16 24	3 6	21 24	0 55	27 47	5 4	12 37	0 52	17 1	2 7	3 45	0 43	23 11	0 32	4 21	9 58	16 46	16 25	17 14		n.a.
T 18	23 1	2s 0	4 0	16 45	2 54	21 7	0 49	27 48	5 7	12 41	0 52	17 0	2 6	3 45	0 43	23 11	0 32	4 21	9 57	16 46	16 24	17 15		n.a.
W19	23 7	6 9	3 12	17 9	2 41	20 49	0 43	27 49	5 10	12 45	0 52	16 58	2 6	3 45	0 43	23 10	0 32	4 20	9 57	16 47	16 23	17 16		n.a.
T 20	23 12	10 1	2 17	17 33	2 28	20 32	0 37	27 49	5 13	12 49	0 52	16 56	2 6	3 45	0 43	23 10	0 32	4 20	9 57	16 47	16 22	17 17		n.a.
F 21	23 18	13 27	1 16	17 59	2 14	20 14	0 31	27 50	5 16	12 53	0 52	16 55	2 6	3 44	0 43	23 10	0 32	4 20	9 56	16 48	16 21	17 18		n.a.
S 22	23 22	16 20	0 12	18 27	2 0	19 55	0 24	27 50	5 18	12 57	0 52	16 53	2 6	3 44	0 42	23 10	0 32	4 20	9 56	16 48	16 20	17 19		n.a.
S 23	23 27	18 33	0n53	18 55	1 46	19 37	0 18	27 50	5 20	13 1	0 52	16 52	2 6	3 44	0 42	23 10	0 32	4 20	9 56	16 48	16 19	17 20		n.a.
M24	23 31	19 58	1 55	19 23	1 32	19 18	0 11	27 50	5 23	13 4	0 52	16 50	2 6	3 43	0 42	23 10	0 32	4 20	9 55	16 47	16 18	17 21		n.a.
T 25	23 35	20 30	2 53	19 53	1 18	18 59	0 4	27 50	5 25	13 8	0 52	16 48	2 5	3 43	0 42	23 10	0 32	4 20	9 55	16 46	16 17	17 22		n.a.
W26	23 38	20 5	3 43	20 22	1 4	18 40	0s 3	27 50	5 26	13 12	0 52	16 46	2 5	3 43	0 42	23 10	0 32	4 20	9 55	16 45	16 16	17 23		n.a.
T 27	23 41	18 44	4 24	20 51	0 51	18 21	0 11	27 49	5 28	13 16	0 52	16 45	2 5	3 42	0 42	23 10	0 32	4 20	9 54	16 43	16 15	17 24		n.a.
F 28	23 43	16 28	4 53	21 20	0 37	18 1	0 18	27 49	5 30	13 20	0 52	16 43	2 5	3 42	0 42	23 10	0 32	4 20	9 54	16 41	16 14	17 25		n.a.
S 29	23 45	13 24	5 8	21 49	0 24	17 42	0 26	27 48	5 31	13 23	0 52	16 41	2 5	3 41	0 42	23 10	0 32	4 20	9 54	16 39	16 13	17 26		n.a.
S 30	23n46	9s39	5n 8	22n16	0s11	17n22	0s34	27s47	5s32	13n27	0s52	16n39	2n 5	3n41	0n42	23s10	0n32	4s20	9n53	16s37	16s12	17s27		n.a.

Julian Day Number = 1368742.5, Delta T = 06h52m32s
Ecliptic obliquity = 23°48'31, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°24'23, Lahiri = -17°17'23 Julian Calendar 1 June 966 BCE == Greg. Calendar 23 May 966 BCE

The year -965 astronomical counting style corresponds to year 966 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 966 BCE
geocentric

JULY 966 BCE (-965) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 56 36	27♊57'04	4♓47	12♊49	11♌ 5	9°R57	7♉50	21♌10	22♍28	24°R37	5°R49	15°R 2	13♏40	19♏59	n.a.	M 1
T 2	18 0 33	28°54'32	18°10	14°37	11°47	9♐45	8° 1	21°16	22°29	24♐36	5♏48	15♏ 0	13°37	20° 6	n.a.	T 2
W 3	18 4 30	29°52'02	1♈50	16°28	12°28	9°34	8°12	21°21	22°30	24°34	5°47	14°D59	13°34	20°13	n.a.	W 3
T 4	18 8 26	0♋49'33	15°47	18°22	13° 8	9°23	8°23	21°27	22°31	24°32	5°47	15° 0	13°31	20°19	n.a.	T 4
F 5	18 12 23	1°47'06	0♉ 1	20°18	13°47	9°14	8°34	21°32	22°33	24°31	5°46	15° 1	13°27	20°26	n.a.	F 5
S 6	18 16 19	2°44'40	14°32	22°16	14°25	9° 4	8°44	21°38	22°34	24°29	5°45	15°R 2	13°24	20°33	n.a.	S 6
S 7	18 20 16	3°42'16	29°15	24°15	15° 2	8°56	8°55	21°43	22°35	24°28	5°45	15° 1	13°21	20°39	n.a.	S 7
M 8	18 24 12	4°39'54	14♊ 5	26°16	15°38	8°48	9° 5	21°49	22°37	24°26	5°44	14°58	13°18	20°46	n.a.	M 8
T 9	18 28 9	5°37'33	28°55	28°17	16°12	8°41	9°16	21°55	22°38	24°24	5°43	14°53	13°15	20°53	n.a.	T 9
W10	18 32 5	6°35'14	13♋37	0♋19	16°45	8°35	9°26	22° 0	22°40	24°23	5°43	14°46	13°11	20°59	n.a.	W10
T 11	18 36 2	7°32'56	28° 4	2°21	17°17	8°30	9°36	22° 6	22°41	24°21	5°42	14°38	13° 8	21° 6	n.a.	T 11
F 12	18 39 59	8°30'39	12♌ 8	4°24	17°47	8°25	9°46	22°12	22°43	24°20	5°42	14°30	13° 5	21°13	n.a.	F 12
S 13	18 43 55	9°28'24	25°48	6°25	18°16	8°21	9°56	22°18	22°45	24°18	5°41	14°22	13° 2	21°19	n.a.	S 13
S 14	18 47 52	10°26'10	9♍ 1	8°27	18°44	8°18	10° 6	22°24	22°46	24°16	5°41	14°16	12°59	21°26	n.a.	S 14
M15	18 51 48	11°23'57	21°48	10°28	19°10	8°16	10°16	22°30	22°48	24°15	5°40	14°12	12°56	21°33	n.a.	M15
T 16	18 55 45	12°21'45	4♎14	12°27	19°34	8°15	10°26	22°36	22°50	24°13	5°40	14°10	12°52	21°39	n.a.	T 16
W17	18 59 41	13°19'35	16°23	14°26	19°56	8°D14	10°35	22°42	22°52	24°12	5°40	14°D 9	12°49	21°46	n.a.	W17
T 18	19 3 38	14°17'26	28°19	16°24	20°17	8°14	10°45	22°48	22°54	24°10	5°39	14°10	12°46	21°52	n.a.	T 18
F 19	19 7 34	15°15'19	10♏ 8	18°21	20°36	8°15	10°54	22°55	22°56	24° 9	5°39	14°R11	12°43	21°59	n.a.	F 19
S 20	19 11 31	16°13'13	21°56	20°17	20°53	8°17	11° 3	23° 1	22°58	24° 7	5°39	14°11	12°40	22° 6	n.a.	S 20
S 21	19 15 28	17°11'09	3♐47	22°12	21° 8	8°20	11°12	23° 7	23° 0	24° 6	5°39	14° 9	12°37	22°12	n.a.	S 21
M22	19 19 24	18° 9'06	15°44	24° 5	21°21	8°24	11°21	23°14	23° 2	24° 4	5°38	14° 4	12°33	22°19	n.a.	M22
T 23	19 23 21	19° 7'05	27°52	25°57	21°32	8°28	11°30	23°20	23° 4	24° 3	5°38	13°57	12°30	22°26	n.a.	T 23
W24	19 27 17	20° 5'05	10♑11	27°48	21°41	8°33	11°39	23°27	23° 6	24° 2	5°38	13°48	12°27	22°32	n.a.	W24
T 25	19 31 14	21° 3'08	22°45	29°37	21°48	8°39	11°47	23°33	23° 8	24° 0	5°38	13°37	12°24	22°39	n.a.	T 25
F 26	19 35 10	22° 1'12	5♒32	1♌26	21°52	8°46	11°56	23°40	23°10	23°59	5°38	13°25	12°21	22°46	n.a.	F 26
S 27	19 39 7	22°59'18	18°32	3°13	21°R54	8°53	12° 4	23°46	23°13	23°57	5°38	13°14	12°17	22°52	n.a.	S 27
S 28	19 43 3	23°57'25	1♓44	4°58	21°54	9° 1	12°12	23°53	23°15	23°56	5°D38	13° 4	12°14	22°59	n.a.	S 28
M29	19 47 0	24°55'35	15° 8	6°43	21°52	9°10	12°20	23°59	23°17	23°55	5°38	12°56	12°11	23° 6	n.a.	M29
T 30	19 50 57	25°53'47	28°42	8°26	21°47	9°20	12°28	24° 6	23°20	23°53	5°38	12°51	12° 8	23°12	n.a.	T 30
W31	19 54 53	26♋52'01	12♈26	10♌ 8	21♌40	9♐30	12♉36	24♌13	23♍22	23♐52	5♏38	12♏48	12♏ 5	23♏19	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n48	5s23	4n52	22n43	0n 2	17n 2	0s43	27s46	5s33	13n31	0s52	16n38	2n 5	3n41	0n42	23s10	0n32	4s21	9n53	16s36	16s11	17s28			n.a.
T 2	23 48	0 46	4 20	23 8	0 14	16 42	0 51	27 45	5 34	13 34	0 52	16 36	2 5	3 40	0 42	23 10	0 32	4 21	9 53	16 35	16 10	17 29			n.a.
W 3	23 49	3n59	3 32	23 32	0 25	16 22	1 0	27 44	5 35	13 38	0 52	16 34	2 5	3 40	0 42	23 10	0 32	4 21	9 52	16 35	16 9	17 30			n.a.
T 4	23 48	8 38	2 32	23 53	0 36	16 2	1 9	27 43	5 35	13 41	0 52	16 32	2 4	3 39	0 42	23 10	0 32	4 21	9 52	16 35	16 8	17 31			n.a.
F 5	23 48	12 54	1 20	24 13	0 46	15 42	1 18	27 42	5 36	13 45	0 52	16 30	2 4	3 39	0 42	23 10	0 32	4 21	9 51	16 35	16 7	17 32			n.a.
S 6	23 47	16 29	0 3	24 30	0 55	15 22	1 27	27 41	5 36	13 48	0 52	16 28	2 4	3 38	0 42	23 10	0 32	4 21	9 51	16 36	16 6	17 33			n.a.
S 7	23 45	19 4	1s16	24 45	1 4	15 2	1 37	27 40	5 36	13 52	0 52	16 26	2 4	3 37	0 42	23 10	0 32	4 21	9 51	16 35	16 5	17 34			n.a.
M 8	23 43	20 21	2 30	24 57	1 12	14 42	1 46	27 39	5 36	13 55	0 53	16 24	2 4	3 37	0 42	23 9	0 32	4 21	9 50	16 35	16 4	17 34			n.a.
T 9	23 41	20 14	3 34	25 7	1 19	14 22	1 56	27 37	5 36	13 58	0 53	16 22	2 4	3 36	0 42	23 9	0 32	4 22	9 50	16 33	16 3	17 35			n.a.
W10	23 38	18 44	4 23	25 14	1 25	14 3	2 7	27 36	5 36	14 2	0 53	16 20	2 4	3 36	0 42	23 9	0 32	4 22	9 49	16 31	16 2	17 36			n.a.
T 11	23 35	16 4	4 54	25 18	1 31	13 43	2 17	27 35	5 36	14 5	0 53	16 18	2 4	3 35	0 42	23 9	0 32	4 22	9 49	16 29	16 1	17 37			n.a.
F 12	23 32	12 31	5 6	25 19	1 35	13 24	2 28	27 34	5 35	14 8	0 53	16 16	2 4	3 34	0 42	23 9	0 32	4 22	9 49	16 26	16 0	17 38			n.a.
S 13	23 28	8 24	5 0	25 18	1 39	13 5	2 38	27 32	5 35	14 11	0 53	16 14	2 4	3 33	0 42	23 9	0 32	4 22	9 48	16 24	15 59	17 39			n.a.
S 14	23 23	4 1	4 39	25 14	1 42	12 46	2 49	27 31	5 34	14 14	0 53	16 12	2 3	3 33	0 42	23 9	0 32	4 23	9 48	16 22	15 58	17 40			n.a.
M15	23 19	0s25	4 3	25 8	1 45	12 27	3 1	27 30	5 33	14 17	0 53	16 10	2 3	3 32	0 42	23 9	0 32	4 23	9 48	16 21	15 57	17 41			n.a.
T 16	23 13	4 43	3 17	24 59	1 46	12 9	3 12	27 29	5 32	14 21	0 53	16 8	2 3	3 31	0 41	23 9	0 32	4 23	9 47	16 20	15 56	17 42			n.a.
W17	23 8	8 44	2 23	24 47	1 47	11 50	3 24	27 28	5 31	14 23	0 53	16 6	2 3	3 30	0 41	23 9	0 32	4 23	9 47	16 20	15 56	17 43			n.a.
T 18	23 2	12 21	1 24	24 34	1 48	11 33	3 35	27 27	5 30	14 26	0 53	16 4	2 3	3 30	0 41	23 9	0 32	4 24	9 46	16 20	15 55	17 44			n.a.
F 19	22 55	15 26	0 22	24 18	1 48	11 15	3 47	27 26	5 29	14 29	0 53	16 1	2 3	3 29	0 41	23 9	0 32	4 24	9 46	16 20	15 54	17 45			n.a.
S 20	22 48	17 52	0n41	24 1	1 47	10 59	3 59	27 25	5 27	14 32	0 53	15 59	2 3	3 28	0 41	23 9	0 32	4 24	9 46	16 20	15 53	17 45			n.a.
S 21	22 41	19 33	1 43	23 41	1 45	10 42	4 12	27 24	5 26	14 35	0 53	15 57	2 3	3 27	0 41	23 9	0 32	4 24	9 45	16 20	15 52	17 46			n.a.
M22	22 33	20 23	2 40	23 19	1 44	10 26	4 24	27 23	5 25	14 38	0 53	15 55	2 3	3 26	0 41	23 9	0 32	4 25	9 45	16 18	15 51	17 47			n.a.
T 23	22 25	20 17	3 31	22 56	1 41	10 11	4 36	27 22	5 23	14 40	0 53	15 53	2 3	3 25	0 41	23 9	0 32	4 25	9 44	16 16	15 50	17 48			n.a.
W24	22 17	19 13	4 13	22 32	1 38	9 56	4 49	27 21	5 22	14 43	0 53	15 50	2 3	3 25	0 41	23 9	0 32	4 25	9 44	16 14	15 49	17 49			n.a.
T 25	22 8	17 12	4 43	22 5	1 35	9 42	5 2	27 21	5 20	14 46	0 53	15 48	2 3	3 24	0 41	23 9	0 32	4 26	9 43	16 10	15 48	17 50			n.a.
F 26	21 59	14 20	4 59	21 38	1 31	9 29	5 14	27 20	5 18	14 48	0 53	15 46	2 3	3 23	0 41	23 9	0 32	4 26	9 43	16 7	15 47	17 51			n.a.
S 27	21 49	10 44	5 1	21 9	1 27	9 16	5 27	27 20	5 16	14 51	0 53	15 44	2 3	3 22	0 41	23 9	0 32	4 27	9 43	16 3	15 46	17 52			n.a.
S 28	21 39	6 34	4 47	20 39	1 23	9 4	5 40	27 19	5 15	14 53	0 53	15 41	2 2	3 21	0 41	23 9	0 32	4 27	9 42	16 0	15 45	17 52			n.a.
M29	21 28	2 1	4 16	20 8	1 18	8 53	5 52	27 19	5 13	14 56	0 53	15 39	2 2	3 20	0 41	23 9	0 31	4 27	9 42	15 58	15 44	17 53			n.a.
T 30	21 18	2n42	3 31	19 36	1 13	8 42	6 5	27 18	5 11	14 58	0 53	15 37	2 2	3 19	0 41	23 8	0 31	4 28	9 41	15 56	15 43	17 54			n.a.
W31	21n 6	7n20	2n34	19n 4	1n 8	8n33	6s17	27s18	5s 9	15n 1	0s53	15n34	2n 2	3n18	0n41	23s 8	0n31	4s28	9n41	15s55	15s42	17s55			n.a.

Julian Day Number = 1368772.5, Delta T = 06h52m31s
Ecliptic obliquity = 23°48'31, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°24'19, Lahiri = -17°17'19 Julian Calendar 1 July 966 BCE == Greg. Calendar 22 June 966 BCE

The year -965 astronomical counting style corresponds to year 966 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 966 BCE
geocentric

AUGUST 966 BCE (-965) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 58 50	27♋50'17	26♈21	11♌49	21°R31	9♐41	12♉44	24♌20	23♍25	23°R51	5♏38	12°D48	12♏ 2	23♏26	n.a.	T 1
F 2	20 2 46	28°48'36	10♉25	13°29	21♌19	9°53	12°51	24°26	23°27	23♐49	5°38	12°R48	11°58	23°32	n.a.	F 2
S 3	20 6 43	29°46'57	24°39	15° 7	21° 5	10° 6	12°59	24°33	23°30	23°48	5°38	12♏47	11°55	23°39	n.a.	S 3
S 4	20 10 39	0♌45'20	9♊ 0	16°45	20°49	10°19	13° 6	24°40	23°32	23°47	5°39	12°45	11°52	23°45	n.a.	S 4
M 5	20 14 36	1°43'46	23°27	18°21	20°30	10°33	13°13	24°47	23°35	23°46	5°39	12°41	11°49	23°52	n.a.	M 5
T 6	20 18 32	2°42'13	7♋54	19°56	20° 9	10°48	13°20	24°54	23°38	23°45	5°39	12°33	11°46	23°59	n.a.	T 6
W 7	20 22 29	3°40'43	22°16	21°30	19°46	11° 3	13°27	25° 1	23°40	23°43	5°40	12°24	11°43	24° 5	n.a.	W 7
T 8	20 26 25	4°39'15	6♌26	23° 3	19°21	11°19	13°34	25° 8	23°43	23°42	5°40	12°12	11°39	24°12	n.a.	T 8
F 9	20 30 22	5°37'49	20°19	24°35	18°54	11°35	13°40	25°15	23°46	23°41	5°40	12° 0	11°36	24°19	n.a.	F 9
S 10	20 34 19	6°36'24	3♍52	26° 5	18°25	11°53	13°46	25°22	23°49	23°40	5°41	11°48	11°33	24°25	n.a.	S 10
S 11	20 38 15	7°35'02	17° 1	27°35	17°54	12°10	13°53	25°29	23°52	23°39	5°41	11°39	11°30	24°32	n.a.	S 11
M12	20 42 12	8°33'42	29°47	29° 3	17°22	12°29	13°59	25°36	23°55	23°38	5°42	11°32	11°27	24°39	n.a.	M12
T 13	20 46 8	9°32'23	12♎13	0♍31	16°49	12°48	14° 4	25°43	23°58	23°37	5°42	11°27	11°23	24°45	n.a.	T 13
W14	20 50 5	10°31'06	24°22	1°57	16°15	13° 7	14°10	25°50	24° 1	23°36	5°43	11°25	11°20	24°52	n.a.	W14
T 15	20 54 1	11°29'51	6♏18	3°22	15°39	13°28	14°16	25°57	24° 4	23°35	5°43	11°25	11°17	24°59	n.a.	T 15
F 16	20 57 58	12°28'38	18° 8	4°46	15° 3	13°48	14°21	26° 4	24° 7	23°34	5°44	11°24	11°14	25° 5	n.a.	F 16
S 17	21 1 54	13°27'27	29°57	6° 8	14°27	14°10	14°26	26°11	24°10	23°33	5°45	11°24	11°11	25°12	n.a.	S 17
S 18	21 5 51	14°26'18	11♐49	7°30	13°50	14°31	14°31	26°18	24°13	23°32	5°45	11°22	11° 8	25°19	n.a.	S 18
M19	21 9 48	15°25'11	23°50	8°50	13°13	14°54	14°36	26°26	24°16	23°31	5°46	11°17	11° 4	25°25	n.a.	M19
T 20	21 13 44	16°24'06	6♑ 5	10° 9	12°37	15°16	14°41	26°33	24°19	23°31	5°47	11°10	11° 1	25°32	n.a.	T 20
W21	21 17 41	17°23'02	18°35	11°26	12° 1	15°40	14°45	26°40	24°22	23°30	5°48	11° 0	10°58	25°39	n.a.	W21
T 22	21 21 37	18°22'01	1♒23	12°42	11°26	16° 3	14°50	26°47	24°25	23°29	5°48	10°48	10°55	25°45	n.a.	T 22
F 23	21 25 34	19°21'02	14°29	13°56	10°51	16°28	14°54	26°54	24°29	23°28	5°49	10°35	10°52	25°52	n.a.	F 23
S 24	21 29 30	20°20'04	27°52	15° 9	10°18	16°52	14°58	27° 2	24°32	23°28	5°50	10°22	10°48	25°58	n.a.	S 24
S 25	21 33 27	21°19'09	11♓29	16°20	9°47	17°17	15° 2	27° 9	24°35	23°27	5°51	10°11	10°45	26° 5	n.a.	S 25
M26	21 37 23	22°18'17	25°16	17°29	9°17	17°43	15° 5	27°16	24°39	23°26	5°52	10° 3	10°42	26°12	n.a.	M26
T 27	21 41 20	23°17'26	9♈12	18°36	8°49	18° 9	15° 9	27°23	24°42	23°26	5°53	9°57	10°39	26°18	n.a.	T 27
W28	21 45 16	24°16'38	23°12	19°42	8°22	18°35	15°12	27°31	24°45	23°25	5°54	9°54	10°36	26°25	n.a.	W28
T 29	21 49 13	25°15'53	7♉16	20°44	7°58	19° 2	15°15	27°38	24°49	23°24	5°55	9°D53	10°33	26°32	n.a.	T 29
F 30	21 53 10	26°15'10	21°21	21°45	7°36	19°29	15°18	27°45	24°52	23°24	5°56	9°R53	10°29	26°38	n.a.	F 30
S 31	21 57 6	27♌14'29	5♊28	22♍43	7♌16	19♐56	15♉21	27♌53	24♍56	23♐23	5♏57	9♏53	10♏26	26♏45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	20n55	11n39	1n26	18n30	1n 2	8n24	6s30	27s18	5s 7	15n 3	0s54	15n32	2n 2	3n17	0n41	23s 8	0n31	4s29	9n41	15s55	15s41	17s56			n.a.
F 2	20 43	15 22	0 13	17 56	0 56	8 16	6 42	27 18	5 5	15 5	0 54	15 30	2 2	3 16	0 41	23 8	0 31	4 29	9 40	15 55	15 40	17 57			n.a.
S 3	20 31	18 13	1s 2	17 21	0 50	8 10	6 54	27 18	5 3	15 7	0 54	15 27	2 2	3 15	0 41	23 8	0 31	4 30	9 40	15 55	15 39	17 57			n.a.
S 4	20 18	19 56	2 14	16 45	0 43	8 4	7 5	27 18	5 1	15 10	0 54	15 25	2 2	3 14	0 41	23 8	0 31	4 30	9 39	15 54	15 38	17 58			n.a.
M 5	20 5	20 21	3 18	16 9	0 37	7 59	7 16	27 18	4 58	15 12	0 54	15 23	2 2	3 12	0 41	23 8	0 31	4 30	9 39	15 53	15 37	17 59			n.a.
T 6	19 51	19 26	4 8	15 32	0 30	7 55	7 27	27 18	4 56	15 14	0 54	15 20	2 2	3 11	0 41	23 8	0 31	4 31	9 39	15 51	15 36	18 0			n.a.
W 7	19 38	17 17	4 43	14 55	0 23	7 53	7 37	27 18	4 54	15 16	0 54	15 18	2 2	3 10	0 41	23 8	0 31	4 31	9 38	15 48	15 35	18 1			n.a.
T 8	19 24	14 7	4 59	14 18	0 16	7 51	7 47	27 18	4 52	15 18	0 54	15 15	2 2	3 9	0 41	23 8	0 31	4 32	9 38	15 44	15 34	18 2			n.a.
F 9	19 9	10 14	4 58	13 40	0 9	7 51	7 56	27 18	4 50	15 20	0 54	15 13	2 2	3 8	0 41	23 8	0 31	4 33	9 37	15 40	15 33	18 2			n.a.
S 10	18 54	5 55	4 39	13 2	0 1	7 51	8 5	27 18	4 47	15 21	0 54	15 11	2 2	3 7	0 41	23 8	0 31	4 33	9 37	15 37	15 32	18 3			n.a.
S 11	18 39	1 26	4 6	12 24	0s 6	7 53	8 13	27 18	4 45	15 23	0 54	15 8	2 2	3 6	0 41	23 8	0 31	4 34	9 36	15 34	15 31	18 4			n.a.
M12	18 24	2s59	3 21	11 46	0 14	7 56	8 20	27 19	4 43	15 25	0 54	15 6	2 2	3 4	0 41	23 8	0 31	4 34	9 36	15 31	15 30	18 5			n.a.
T 13	18 8	7 10	2 28	11 8	0 22	7 59	8 26	27 19	4 40	15 27	0 54	15 3	2 2	3 3	0 41	23 8	0 31	4 35	9 36	15 30	15 29	18 6			n.a.
W14	17 52	10 58	1 29	10 29	0 29	8 4	8 32	27 19	4 38	15 28	0 54	15 1	2 2	3 2	0 40	23 8	0 31	4 35	9 35	15 29	15 28	18 6			n.a.
T 15	17 36	14 15	0 27	9 51	0 37	8 10	8 37	27 19	4 36	15 30	0 54	14 58	2 2	3 1	0 40	23 8	0 31	4 36	9 35	15 29	15 27	18 7			n.a.
F 16	17 19	16 56	0n36	9 13	0 45	8 17	8 40	27 20	4 33	15 32	0 54	14 56	2 2	2 59	0 40	23 8	0 31	4 36	9 34	15 29	15 26	18 8			n.a.
S 17	17 2	18 53	1 37	8 35	0 53	8 24	8 43	27 20	4 31	15 33	0 54	14 53	2 2	2 58	0 40	23 8	0 31	4 37	9 34	15 29	15 25	18 9			n.a.
S 18	16 45	20 1	2 34	7 57	1 1	8 33	8 45	27 20	4 28	15 35	0 55	14 51	2 2	2 57	0 40	23 8	0 31	4 38	9 34	15 28	15 24	18 10			n.a.
M19	16 28	20 15	3 25	7 19	1 9	8 42	8 46	27 20	4 26	15 36	0 55	14 48	2 2	2 56	0 40	23 8	0 31	4 38	9 33	15 27	15 23	18 10			n.a.
T 20	16 10	19 33	4 7	6 42	1 17	8 52	8 46	27 21	4 24	15 37	0 55	14 46	2 2	2 54	0 40	23 8	0 31	4 39	9 33	15 24	15 22	18 11			n.a.
W21	15 52	17 54	4 38	6 5	1 25	9 3	8 45	27 21	4 21	15 39	0 55	14 43	2 2	2 53	0 40	23 8	0 31	4 39	9 32	15 21	15 21	18 12			n.a.
T 22	15 33	15 20	4 57	5 28	1 33	9 14	8 43	27 21	4 19	15 40	0 55	14 41	2 2	2 52	0 40	23 8	0 31	4 40	9 32	15 18	15 20	18 13			n.a.
F 23	15 15	11 57	5 0	4 52	1 41	9 26	8 41	27 21	4 16	15 41	0 55	14 38	2 2	2 50	0 40	23 8	0 31	4 41	9 32	15 14	15 19	18 13			n.a.
S 24	14 56	7 55	4 47	4 16	1 49	9 38	8 37	27 22	4 14	15 42	0 55	14 36	2 2	2 49	0 40	23 8	0 31	4 41	9 31	15 10	15 18	18 14			n.a.
S 25	14 37	3 24	4 18	3 41	1 56	9 50	8 33	27 22	4 12	15 43	0 55	14 33	2 2	2 48	0 40	23 8	0 31	4 42	9 31	15 6	15 17	18 15			n.a.
M26	14 17	1n20	3 33	3 7	2 4	10 3	8 27	27 22	4 9	15 44	0 55	14 31	2 2	2 46	0 40	23 8	0 31	4 43	9 30	15 3	15 16	18 16			n.a.
T 27	13 58	6 4	2 35	2 34	2 12	10 16	8 21	27 22	4 7	15 45	0 55	14 28	2 2	2 45	0 40	23 8	0 31	4 43	9 30	15 1	15 15	18 16			n.a.
W28	13 38	10 30	1 27	2 1	2 19	10 30	8 14	27 22	4 4	15 46	0 55	14 26	2 2	2 44	0 40	23 8	0 31	4 44	9 30	15 0	15 14	18 17			n.a.
T 29	13 18	14 22	0 14	1 30	2 26	10 43	8 7	27 22	4 2	15 47	0 55	14 23	2 2	2 42	0 40	23 8	0 31	4 45	9 29	15 0	15 13	18 18			n.a.
F 30	12 58	17 24	1s 1	0 59	2 33	10 56	7 59	27 22	4 0	15 48	0 55	14 21	2 2	2 41	0 40	23 8	0 31	4 46	9 29	15 0	15 12	18 19			n.a.
S 31	12n37	19n23	2s11	0n30	2s40	11n 9	7s50	27s22	3s57	15n48	0s55	14n18	2n 2	2n39	0n40	23s 8	0n31	4s46	9n28	15s 0	15s11	18s19			n.a.

Julian Day Number = 1368803.5, Delta T = 06h52m29s
Ecliptic obliquity = 23°48'31, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°24'15, Lahiri = -17°17'14 Julian Calendar 1 Aug. 966 BCE == Greg. Calendar 23 July 966 BCE

The year -965 astronomical counting style corresponds to year 966 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 966 BCE
geocentric

SEPTEMBER 966 BCE (-965) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 1 3	28♌13'51	19♊34	23♍38	6°R58	20♐24	15♉23	28♌ 0	24♍59	23°R23	5♏58	9°R51	10♏23	26♏52	n.a.	S 1
M 2	22 4 59	29°13'16	3♋39	24°30	6♌43	20°52	15°25	28° 7	25° 3	23♐22	5°59	9♏47	10°20	26°58	n.a.	M 2
T 3	22 8 56	0♍12'43	17°41	25°18	6°30	21°21	15°28	28°14	25° 6	23°22	6° 1	9°41	10°17	27° 5	n.a.	T 3
W 4	22 12 52	1°12'12	1♌36	26° 3	6°20	21°50	15°30	28°22	25°10	23°22	6° 2	9°31	10°14	27°12	n.a.	W 4
T 5	22 16 49	2°11'44	15°21	26°43	6°12	22°19	15°31	28°29	25°13	23°21	6° 3	9°20	10°10	27°18	n.a.	T 5
F 6	22 20 45	3°11'18	28°53	27°19	6° 7	22°49	15°33	28°36	25°17	23°21	6° 4	9° 9	10° 7	27°25	n.a.	F 6
S 7	22 24 42	4°10'54	12♍ 8	27°51	6° 4	23°19	15°34	28°43	25°20	23°21	6° 6	8°58	10° 4	27°32	n.a.	S 7
S 8	22 28 38	5°10'32	25° 6	28°16	6°D 3	23°49	15°35	28°51	25°24	23°20	6° 7	8°49	10° 1	27°38	n.a.	S 8
M 9	22 32 35	6°10'12	7♎44	28°36	6° 5	24°20	15°36	28°58	25°27	23°20	6° 8	8°42	9°58	27°45	n.a.	M 9
T 10	22 36 32	7° 9'54	20° 6	28°50	6° 9	24°50	15°37	29° 5	25°31	23°20	6°10	8°38	9°54	27°52	n.a.	T 10
W11	22 40 28	8° 9'38	2♏12	28°R57	6°15	25°22	15°37	29°12	25°35	23°20	6°11	8°36	9°51	27°58	n.a.	W11
T 12	22 44 25	9° 9'24	14° 8	28°56	6°24	25°53	15°38	29°20	25°38	23°20	6°12	8°D36	9°48	28° 5	n.a.	T 12
F 13	22 48 21	10° 9'12	25°58	28°47	6°34	26°25	15°R38	29°27	25°42	23°20	6°14	8°37	9°45	28°12	n.a.	F 13
S 14	22 52 18	11° 9'02	7♐46	28°30	6°47	26°57	15°38	29°34	25°46	23°20	6°15	8°R37	9°42	28°18	n.a.	S 14
S 15	22 56 14	12° 8'54	19°38	28° 4	7° 2	27°29	15°38	29°41	25°49	23°D20	6°17	8°37	9°39	28°25	n.a.	S 15
M16	23 0 11	13° 8'48	1♑40	27°29	7°19	28° 2	15°37	29°48	25°53	23°20	6°18	8°35	9°35	28°31	n.a.	M16
T 17	23 4 7	14° 8'43	13°56	26°46	7°38	28°34	15°37	29°55	25°57	23°20	6°20	8°31	9°32	28°38	n.a.	T 17
W18	23 8 4	15° 8'40	26°31	25°54	7°59	29° 7	15°36	0♍ 3	26° 1	23°20	6°22	8°25	9°29	28°45	n.a.	W18
T 19	23 12 1	16° 8'39	9♒27	24°54	8°22	29°41	15°35	0°10	26° 4	23°20	6°23	8°17	9°26	28°51	n.a.	T 19
F 20	23 15 57	17° 8'40	22°46	23°47	8°47	0♑14	15°33	0°17	26° 8	23°20	6°25	8° 8	9°23	28°58	n.a.	F 20
S 21	23 19 54	18° 8'43	6♓26	22°35	9°13	0°48	15°32	0°24	26°12	23°20	6°27	7°59	9°20	29° 5	n.a.	S 21
S 22	23 23 50	19° 8'47	20°25	21°19	9°41	1°22	15°30	0°31	26°16	23°21	6°28	7°51	9°16	29°11	n.a.	S 22
M23	23 27 47	20° 8'54	4♈39	20° 2	10°10	1°56	15°28	0°38	26°19	23°21	6°30	7°45	9°13	29°18	n.a.	M23
T 24	23 31 43	21° 9'03	19° 1	18°46	10°42	2°30	15°26	0°45	26°23	23°21	6°32	7°41	9°10	29°25	n.a.	T 24
W25	23 35 40	22° 9'13	3♉28	17°33	11°14	3° 5	15°24	0°52	26°27	23°21	6°33	7°D40	9° 7	29°31	n.a.	W25
T 26	23 39 36	23° 9'27	17°53	16°26	11°48	3°39	15°22	0°59	26°31	23°22	6°35	7°40	9° 4	29°38	n.a.	T 26
F 27	23 43 33	24° 9'42	2♊13	15°26	12°24	4°14	15°19	1° 6	26°34	23°22	6°37	7°41	9° 0	29°45	n.a.	F 27
S 28	23 47 29	25° 9'59	16°25	14°36	13° 1	4°49	15°16	1°13	26°38	23°23	6°39	7°43	8°57	29°51	n.a.	S 28
S 29	23 51 26	26°10'19	0♋29	13°56	13°39	5°24	15°13	1°19	26°42	23°23	6°41	7°R43	8°54	29°58	n.a.	S 29
M30	23 55 23	27♍10'41	14♋22	13♍27	14♌19	6♑ 0	15♉10	1♍26	26♍46	23♐24	6♏43	7♏41	8♏51	0♐ 5	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n16	20n10	3s14	0n 2	2s46	11n23	7s41	27s21	3s55	15n49	0s55	14n16	2n 2	2n38	0n40	23s 8	0n31	4s47	9n28	15s 0	15s10	18s20		n.a.
M 2	11 55	19 40	4 5	0s24	2 52	11 36	7 32	27 21	3 52	15 50	0 55	14 13	2 2	2 37	0 40	23 8	0 31	4 48	9 28	14 58	15 9	18 21		n.a.
T 3	11 34	17 59	4 41	0 49	2 58	11 48	7 21	27 21	3 50	15 50	0 56	14 11	2 2	2 35	0 40	23 8	0 31	4 49	9 27	14 56	15 8	18 21		n.a.
W 4	11 13	15 14	5 0	1 12	3 3	12 1	7 11	27 20	3 48	15 51	0 56	14 8	2 2	2 34	0 40	23 8	0 31	4 49	9 27	14 53	15 7	18 22		n.a.
T 5	10 51	11 41	5 1	1 33	3 8	12 13	7 0	27 20	3 45	15 51	0 56	14 6	2 3	2 32	0 40	23 8	0 30	4 50	9 27	14 50	15 6	18 23		n.a.
F 6	10 29	7 35	4 45	1 51	3 12	12 25	6 50	27 19	3 43	15 52	0 56	14 3	2 3	2 31	0 40	23 8	0 30	4 51	9 26	14 46	15 5	18 24		n.a.
S 7	10 8	3 12	4 14	2 7	3 16	12 37	6 38	27 18	3 40	15 52	0 56	14 1	2 3	2 29	0 40	23 8	0 30	4 52	9 26	14 42	15 4	18 24		n.a.
S 8	9 45	1s14	3 30	2 20	3 18	12 48	6 27	27 18	3 38	15 52	0 56	13 58	2 3	2 28	0 40	23 8	0 30	4 52	9 25	14 39	15 3	18 25		n.a.
M 9	9 23	5 31	2 37	2 30	3 20	12 59	6 16	27 17	3 36	15 52	0 56	13 55	2 3	2 26	0 40	23 8	0 30	4 53	9 25	14 37	15 2	18 26		n.a.
T 10	9 1	9 28	1 37	2 36	3 21	13 9	6 4	27 16	3 33	15 53	0 56	13 53	2 3	2 25	0 40	23 8	0 30	4 54	9 25	14 36	15 1	18 26		n.a.
W11	8 38	12 58	0 34	2 39	3 21	13 19	5 52	27 15	3 31	15 53	0 56	13 50	2 3	2 23	0 40	23 8	0 30	4 55	9 24	14 35	15 0	18 27		n.a.
T 12	8 15	15 51	0n30	2 37	3 20	13 28	5 40	27 13	3 29	15 53	0 56	13 48	2 3	2 22	0 40	23 8	0 30	4 55	9 24	14 35	14 59	18 28		n.a.
F 13	7 53	18 3	1 32	2 31	3 18	13 37	5 29	27 12	3 26	15 53	0 56	13 45	2 3	2 21	0 40	23 8	0 30	4 56	9 24	14 35	14 58	18 28		n.a.
S 14	7 30	19 28	2 30	2 21	3 14	13 45	5 17	27 10	3 24	15 53	0 56	13 43	2 3	2 19	0 40	23 8	0 30	4 57	9 23	14 36	14 57	18 29		n.a.
S 15	7 7	20 2	3 22	2 5	3 8	13 53	5 5	27 9	3 22	15 53	0 56	13 40	2 3	2 18	0 40	23 8	0 30	4 58	9 23	14 36	14 55	18 30		n.a.
M16	6 43	19 42	4 6	1 44	3 1	14 0	4 53	27 7	3 20	15 52	0 56	13 38	2 3	2 16	0 40	23 8	0 30	4 59	9 23	14 35	14 54	18 30		n.a.
T 17	6 20	18 26	4 39	1 18	2 51	14 6	4 42	27 5	3 17	15 52	0 56	13 35	2 3	2 15	0 40	23 8	0 30	5 0	9 22	14 34	14 53	18 31		n.a.
W18	5 56	16 16	5 0	0 47	2 40	14 12	4 30	27 3	3 15	15 52	0 56	13 33	2 3	2 13	0 40	23 8	0 30	5 0	9 22	14 31	14 52	18 32		n.a.
T 19	5 33	13 14	5 7	0 11	2 27	14 17	4 19	27 1	3 13	15 51	0 56	13 31	2 4	2 11	0 40	23 8	0 30	5 1	9 22	14 29	14 51	18 32		n.a.
F 20	5 9	9 28	4 57	0n29	2 12	14 22	4 7	26 59	3 11	15 51	0 56	13 28	2 4	2 10	0 40	23 8	0 30	5 2	9 21	14 26	14 50	18 33		n.a.
S 21	4 45	5 6	4 30	1 13	1 56	14 26	3 56	26 57	3 8	15 51	0 56	13 26	2 4	2 8	0 40	23 8	0 30	5 3	9 21	14 23	14 49	18 34		n.a.
S 22	4 22	0 23	3 47	2 0	1 37	14 29	3 45	26 54	3 6	15 50	0 57	13 23	2 4	2 7	0 40	23 8	0 30	5 4	9 21	14 21	14 48	18 34		n.a.
M23	3 58	4n27	2 49	2 49	1 18	14 32	3 34	26 52	3 4	15 49	0 57	13 21	2 4	2 5	0 40	23 8	0 30	5 5	9 20	14 19	14 47	18 35		n.a.
T 24	3 34	9 5	1 39	3 38	0 58	14 34	3 23	26 49	3 2	15 49	0 57	13 18	2 4	2 4	0 40	23 8	0 30	5 5	9 20	14 17	14 46	18 36		n.a.
W25	3 10	13 13	0 23	4 26	0 37	14 36	3 12	26 46	3 0	15 48	0 57	13 16	2 4	2 2	0 40	23 8	0 30	5 6	9 20	14 17	14 45	18 36		n.a.
T 26	2 45	16 33	0s55	5 11	0 17	14 37	3 1	26 43	2 57	15 47	0 57	13 14	2 4	2 1	0 40	23 9	0 30	5 7	9 19	14 17	14 44	18 37		n.a.
F 27	2 21	18 49	2 9	5 53	0n 4	14 37	2 51	26 40	2 55	15 47	0 57	13 11	2 4	1 59	0 40	23 9	0 30	5 8	9 19	14 17	14 43	18 37		n.a.
S 28	1 57	19 53	3 15	6 30	0 23	14 36	2 41	26 36	2 53	15 46	0 57	13 9	2 5	1 58	0 40	23 9	0 30	5 9	9 19	14 18	14 42	18 38		n.a.
S 29	1 33	19 41	4 8	7 3	0 41	14 35	2 31	26 33	2 51	15 45	0 57	13 6	2 5	1 56	0 40	23 9	0 30	5 10	9 19	14 18	14 41	18 39		n.a.
M30	1n 8	18n17	4s45	7n29	0n57	14n33	2s21	26s29	2s49	15n44	0s57	13n 4	2n 5	1n55	0n40	23s 9	0n30	5s11	9n18	14s17	14s40	18s39		n.a.

Julian Day Number = 1368834.5, Delta T = 06h52m28s
Ecliptic obliquity = 23°48'31, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°24'11, Lahiri = -17°17'10 Julian Calendar 1 Sept. 966 BCE == Greg. Calendar 23 Aug. 966 BCE

The year -965 astronomical counting style corresponds to year 966 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 966 BCE
geocentric

OCTOBER 966 BCE (-965) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 59 19	28♍11'05	28♋ 5	13°R11	14♌59	6♑35	15°R 6	1♍33	26♍50	23♐24	6♏44	7°R38	8♏48	0♐11	n.a.	T 1
W 2	0 3 16	29°11'31	11♌36	13°D 5	15°41	7°11	15♉ 3	1°40	26°53	23°25	6°46	7♏33	8°45	0°18	n.a.	W 2
T 3	0 7 12	0♎11'59	24°56	13♍11	16°24	7°47	14°59	1°46	26°57	23°25	6°48	7°27	8°41	0°25	n.a.	T 3
F 4	0 11 9	1°12'29	8♍ 2	13°28	17° 8	8°23	14°55	1°53	27° 1	23°26	6°50	7°21	8°38	0°31	n.a.	F 4
S 5	0 15 5	2°13'01	20°55	13°55	17°53	8°59	14°51	2° 0	27° 5	23°27	6°52	7°14	8°35	0°38	n.a.	S 5
S 6	0 19 2	3°13'35	3♎34	14°30	18°39	9°36	14°46	2° 6	27° 8	23°27	6°54	7° 9	8°32	0°45	n.a.	S 6
M 7	0 22 58	4°14'10	16° 0	15°14	19°26	10°12	14°42	2°13	27°12	23°28	6°56	7° 6	8°29	0°51	n.a.	M 7
T 8	0 26 55	5°14'47	28°12	16° 5	20°14	10°49	14°37	2°19	27°16	23°29	6°58	7° 4	8°25	0°58	n.a.	T 8
W 9	0 30 52	6°15'26	10♏14	17° 2	21° 3	11°26	14°32	2°26	27°20	23°29	7° 0	7°D 3	8°22	1° 5	n.a.	W 9
T 10	0 34 48	7°16'06	22° 7	18° 5	21°53	12° 3	14°27	2°32	27°23	23°30	7° 2	7° 4	8°19	1°11	n.a.	T 10
F 11	0 38 45	8°16'47	3♐55	19°13	22°43	12°40	14°22	2°39	27°27	23°31	7° 4	7° 6	8°16	1°18	n.a.	F 11
S 12	0 42 41	9°17'30	15°43	20°25	23°34	13°17	14°16	2°45	27°31	23°32	7° 6	7° 8	8°13	1°24	n.a.	S 12
S 13	0 46 38	10°18'15	27°34	21°41	24°26	13°54	14°11	2°51	27°35	23°33	7° 8	7° 9	8°10	1°31	n.a.	S 13
M14	0 50 34	11°19'00	9♑34	22°59	25°19	14°32	14° 5	2°58	27°38	23°34	7°10	7°R10	8° 6	1°38	n.a.	M14
T 15	0 54 31	12°19'47	21°48	24°21	26°13	15° 9	13°59	3° 4	27°42	23°35	7°13	7°10	8° 3	1°44	n.a.	T 15
W16	0 58 27	13°20'35	4♒20	25°44	27° 7	15°47	13°53	3°10	27°46	23°36	7°15	7° 8	8° 0	1°51	n.a.	W16
T 17	1 2 24	14°21'24	17°15	27° 9	28° 2	16°25	13°47	3°16	27°49	23°37	7°17	7° 5	7°57	1°58	n.a.	T 17
F 18	1 6 20	15°22'14	0♓34	28°36	28°57	17° 3	13°41	3°22	27°53	23°38	7°19	7° 2	7°54	2° 4	n.a.	F 18
S 19	1 10 17	16°23'05	14°20	0♎ 4	29°53	17°41	13°34	3°28	27°57	23°39	7°21	6°59	7°51	2°11	n.a.	S 19
S 20	1 14 14	17°23'58	28°30	1°33	0♍50	18°19	13°28	3°34	28° 0	23°40	7°23	6°56	7°47	2°18	n.a.	S 20
M21	1 18 10	18°24'51	13♈ 1	3° 3	1°47	18°57	13°21	3°40	28° 4	23°42	7°26	6°54	7°44	2°24	n.a.	M21
T 22	1 22 7	19°25'46	27°47	4°34	2°45	19°35	13°14	3°46	28° 8	23°43	7°28	6°53	7°41	2°31	n.a.	T 22
W23	1 26 3	20°26'43	12♉40	6° 5	3°43	20°14	13° 7	3°51	28°11	23°44	7°30	6°D53	7°38	2°38	n.a.	W23
T 24	1 30 0	21°27'40	27°32	7°37	4°42	20°52	13° 0	3°57	28°15	23°45	7°32	6°54	7°35	2°44	n.a.	T 24
F 25	1 33 56	22°28'39	12♊17	9° 9	5°41	21°31	12°53	4° 3	28°18	23°46	7°34	6°55	7°31	2°51	n.a.	F 25
S 26	1 37 53	23°29'40	26°49	10°41	6°41	22° 9	12°46	4° 8	28°22	23°48	7°37	6°56	7°28	2°58	n.a.	S 26
S 27	1 41 49	24°30'42	11♋ 3	12°14	7°42	22°48	12°38	4°14	28°25	23°49	7°39	6°57	7°25	3° 4	n.a.	S 27
M28	1 45 46	25°31'45	24°58	13°47	8°42	23°27	12°31	4°19	28°29	23°51	7°41	6°R57	7°22	3°11	n.a.	M28
T 29	1 49 43	26°32'49	8♌35	15°20	9°44	24° 5	12°23	4°25	28°32	23°52	7°43	6°57	7°19	3°18	n.a.	T 29
W30	1 53 39	27°33'55	21°52	16°53	10°45	24°44	12°16	4°30	28°36	23°53	7°46	6°56	7°16	3°24	n.a.	W30
T 31	1 57 36	28♎35'02	4♍53	18♎27	11♍47	25♑23	12♉ 8	4♍35	28♍39	23♐55	7♏48	6♏55	7♏12	3♐31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n44	15n52	5s 6	7n49	1n12	14n30	2s11	26s25	2s47	15n43	0s57	13n 2	2n 5	1n53	0n40	23s 9	0n30	5s11	9n18	14s16	14s39	18s40		n.a.
W 2	0 20	12 36	5 10	8 4	1 26	14 27	2 1	26 21	2 45	15 42	0 57	12 59	2 5	1 52	0 40	23 9	0 30	5 12	9 18	14 15	14 38	18 41		n.a.
T 3	0s 5	8 46	4 56	8 12	1 37	14 23	1 52	26 17	2 43	15 41	0 57	12 57	2 5	1 50	0 40	23 9	0 30	5 13	9 17	14 13	14 37	18 41		n.a.
F 4	0 29	4 33	4 28	8 14	1 47	14 19	1 42	26 12	2 40	15 39	0 57	12 55	2 5	1 49	0 40	23 9	0 30	5 14	9 17	14 10	14 36	18 42		n.a.
S 5	0 54	0 12	3 46	8 12	1 55	14 14	1 33	26 8	2 38	15 38	0 57	12 52	2 5	1 47	0 40	23 9	0 30	5 15	9 17	14 8	14 35	18 42		n.a.
S 6	1 18	4s 5	2 53	8 4	2 2	14 8	1 24	26 3	2 36	15 37	0 57	12 50	2 6	1 46	0 40	23 9	0 30	5 16	9 17	14 7	14 34	18 43		n.a.
M 7	1 43	8 7	1 53	7 51	2 7	14 2	1 15	25 58	2 34	15 35	0 57	12 48	2 6	1 44	0 40	23 9	0 30	5 17	9 16	14 5	14 33	18 43		n.a.
T 8	2 7	11 45	0 48	7 35	2 11	13 54	1 7	25 53	2 32	15 34	0 57	12 46	2 6	1 43	0 40	23 9	0 30	5 18	9 16	14 5	14 32	18 44		n.a.
W 9	2 31	14 50	0n17	7 15	2 14	13 47	0 58	25 48	2 30	15 33	0 57	12 43	2 6	1 41	0 40	23 9	0 29	5 18	9 16	14 5	14 31	18 45		n.a.
T 10	2 56	17 16	1 22	6 51	2 15	13 38	0 50	25 43	2 28	15 31	0 57	12 41	2 6	1 40	0 40	23 9	0 29	5 19	9 16	14 5	14 30	18 45		n.a.
F 11	3 20	18 56	2 22	6 24	2 16	13 29	0 42	25 37	2 26	15 29	0 57	12 39	2 6	1 38	0 40	23 9	0 29	5 20	9 15	14 6	14 29	18 46		n.a.
S 12	3 44	19 46	3 17	5 55	2 15	13 20	0 34	25 32	2 24	15 28	0 57	12 37	2 7	1 36	0 40	23 9	0 29	5 21	9 15	14 6	14 28	18 46		n.a.
S 13	4 8	19 44	4 3	5 24	2 14	13 10	0 27	25 26	2 22	15 26	0 57	12 35	2 7	1 35	0 40	23 10	0 29	5 22	9 15	14 7	14 27	18 47		n.a.
M14	4 33	18 49	4 40	4 51	2 12	12 59	0 19	25 20	2 20	15 25	0 57	12 32	2 7	1 34	0 40	23 10	0 29	5 23	9 15	14 7	14 26	18 47		n.a.
T 15	4 57	17 1	5 4	4 15	2 10	12 47	0 12	25 13	2 18	15 23	0 57	12 30	2 7	1 32	0 40	23 10	0 29	5 24	9 14	14 7	14 24	18 48		n.a.
W16	5 21	14 22	5 15	3 39	2 6	12 35	0 4	25 7	2 17	15 21	0 57	12 28	2 7	1 31	0 40	23 10	0 29	5 25	9 14	14 6	14 23	18 49		n.a.
T 17	5 45	10 59	5 10	3 1	2 3	12 23	0n 2	25 0	2 15	15 19	0 57	12 26	2 7	1 29	0 40	23 10	0 29	5 26	9 14	14 5	14 22	18 49		n.a.
F 18	6 9	6 56	4 49	2 22	1 59	12 10	0 9	24 54	2 13	15 17	0 57	12 24	2 8	1 28	0 40	23 10	0 29	5 26	9 14	14 4	14 21	18 50		n.a.
S 19	6 32	2 24	4 11	1 43	1 54	11 56	0 16	24 47	2 11	15 15	0 57	12 22	2 8	1 26	0 40	23 10	0 29	5 27	9 14	14 3	14 20	18 50		n.a.
S 20	6 56	2n24	3 17	1 2	1 49	11 42	0 22	24 40	2 9	15 13	0 57	12 20	2 8	1 25	0 40	23 10	0 29	5 28	9 13	14 2	14 19	18 51		n.a.
M21	7 20	7 11	2 8	0 21	1 44	11 27	0 29	24 33	2 7	15 11	0 57	12 18	2 8	1 23	0 40	23 10	0 29	5 29	9 13	14 2	14 18	18 51		n.a.
T 22	7 43	11 37	0 50	0s20	1 38	11 12	0 35	24 25	2 5	15 9	0 56	12 16	2 8	1 22	0 40	23 10	0 29	5 30	9 13	14 1	14 17	18 52		n.a.
W23	8 6	15 22	0s32	1 2	1 32	10 56	0 41	24 18	2 3	15 7	0 56	12 14	2 8	1 20	0 40	23 10	0 29	5 31	9 13	14 1	14 16	18 52		n.a.
T 24	8 30	18 6	1 52	1 45	1 27	10 39	0 47	24 10	2 2	15 5	0 56	12 12	2 9	1 19	0 40	23 10	0 29	5 32	9 13	14 2	14 15	18 53		n.a.
F 25	8 53	19 35	3 4	2 27	1 20	10 22	0 52	24 2	2 0	15 3	0 56	12 10	2 9	1 17	0 40	23 11	0 29	5 33	9 12	14 2	14 14	18 53		n.a.
S 26	9 16	19 43	4 3	3 10	1 14	10 5	0 58	23 54	1 58	15 1	0 56	12 8	2 9	1 16	0 40	23 11	0 29	5 33	9 12	14 2	14 13	18 54		n.a.
S 27	9 38	18 36	4 46	3 52	1 8	9 47	1 3	23 45	1 56	14 59	0 56	12 7	2 9	1 15	0 40	23 11	0 29	5 34	9 12	14 3	14 12	18 54		n.a.
M28	10 1	16 22	5 11	4 35	1 1	9 29	1 8	23 37	1 54	14 57	0 56	12 5	2 9	1 13	0 40	23 11	0 29	5 35	9 12	14 3	14 11	18 55		n.a.
T 29	10 24	13 18	5 17	5 17	0 55	9 10	1 13	23 28	1 53	14 54	0 56	12 3	2 10	1 12	0 40	23 11	0 29	5 36	9 12	14 3	14 10	18 55		n.a.
W30	10 46	9 36	5 7	6 0	0 48	8 51	1 18	23 20	1 51	14 52	0 56	12 1	2 10	1 10	0 40	23 11	0 29	5 37	9 12	14 2	14 9	18 56		n.a.
T 31	11s 8	5n31	4s41	6s42	0n41	8n31	1n22	23s11	1s49	14n50	0s56	11n59	2n10	1n 9	0n40	23s11	0n29	5s38	9n12	14s 2	14s 8	18s56		n.a.

Julian Day Number = 1368864.5, Delta T = 06h52m26s
Ecliptic obliquity = 23°48'31, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°24'07, Lahiri = -17°17'06 Julian Calendar 1 Oct. 966 BCE == Greg. Calendar 22 Sept. 966 BCE

The year -965 astronomical counting style corresponds to year 966 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 966 BCE
geocentric

NOVEMBER 966 BCE (-965) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 1 32	29♎36'10	17♍39	20♎ 0	12♍50	26♉ 2	12°R 0	4♍40	28♍42	23♐56	7♏50	6°R54	7♏ 9	3♐38	n.a.	F 1
S 2	2 5 29	0♏37'20	0♎11	21°33	13°53	26°41	11♉52	4°45	28°46	23°58	7°52	6♏53	7° 6	3°44	n.a.	S 2
S 3	2 9 25	1°38'30	12°31	23° 7	14°56	27°21	11°44	4°50	28°49	23°59	7°55	6°52	7° 3	3°51	n.a.	S 3
M 4	2 13 22	2°39'41	24°41	24°40	15°59	28° 0	11°36	4°55	28°53	24° 1	7°57	6°52	7° 0	3°58	n.a.	M 4
T 5	2 17 18	3°40'53	6♏43	26°14	17° 3	28°39	11°28	5° 0	28°56	24° 3	7°59	6°D52	6°56	4° 4	n.a.	T 5
W 6	2 21 15	4°42'05	18°38	27°48	18° 7	29°18	11°20	5° 5	28°59	24° 4	8° 2	6°52	6°53	4°11	n.a.	W 6
T 7	2 25 12	5°43'19	0♐28	29°21	19°12	29°58	11°12	5°10	29° 2	24° 6	8° 4	6°52	6°50	4°18	n.a.	T 7
F 8	2 29 8	6°44'33	12°16	0♏55	20°17	0♒37	11° 4	5°15	29° 5	24° 7	8° 6	6°R52	6°47	4°24	n.a.	F 8
S 9	2 33 5	7°45'47	24° 4	2°29	21°22	1°17	10°56	5°19	29° 9	24° 9	8° 8	6°52	6°44	4°31	n.a.	S 9
S 10	2 37 1	8°47'02	5♉56	4° 3	22°27	1°56	10°48	5°24	29°12	24°11	8°11	6°52	6°41	4°38	n.a.	S 10
M11	2 40 58	9°48'17	17°55	5°37	23°33	2°36	10°40	5°28	29°15	24°13	8°13	6°52	6°37	4°44	n.a.	M11
T 12	2 44 54	10°49'33	0♒ 6	7°11	24°39	3°16	10°31	5°32	29°18	24°14	8°15	6°52	6°34	4°51	n.a.	T 12
W13	2 48 51	11°50'48	12°33	8°46	25°45	3°55	10°23	5°37	29°21	24°16	8°18	6°D51	6°31	4°58	n.a.	W13
T 14	2 52 48	12°52'04	25°21	10°20	26°51	4°35	10°15	5°41	29°24	24°18	8°20	6°52	6°28	5° 4	n.a.	T 14
F 15	2 56 44	13°53'20	8♓32	11°55	27°58	5°15	10° 7	5°45	29°27	24°20	8°22	6°52	6°25	5°11	n.a.	F 15
S 16	3 0 41	14°54'35	22°10	13°30	29° 5	5°55	9°59	5°49	29°30	24°22	8°24	6°53	6°22	5°18	n.a.	S 16
S 17	3 4 37	15°55'51	6♈16	15° 5	0♎12	6°34	9°51	5°53	29°33	24°23	8°27	6°54	6°18	5°24	n.a.	S 17
M18	3 8 34	16°57'07	20°48	16°40	1°19	7°14	9°43	5°57	29°36	24°25	8°29	6°54	6°15	5°31	n.a.	M18
T 19	3 12 30	17°58'23	5♉41	18°16	2°27	7°54	9°35	6° 0	29°39	24°27	8°31	6°R55	6°12	5°38	n.a.	T 19
W20	3 16 27	18°59'39	20°49	19°51	3°35	8°34	9°27	6° 4	29°41	24°29	8°34	6°54	6° 9	5°44	n.a.	W20
T 21	3 20 23	20° 0'55	6♊ 2	21°27	4°43	9°14	9°19	6° 8	29°44	24°31	8°36	6°53	6° 6	5°51	n.a.	T 21
F 22	3 24 20	21° 2'12	21°10	23° 4	5°51	9°54	9°11	6°11	29°47	24°33	8°38	6°52	6° 2	5°58	n.a.	F 22
S 23	3 28 17	22° 3'29	6♋ 5	24°40	6°59	10°34	9° 3	6°15	29°50	24°35	8°40	6°50	5°59	6° 4	n.a.	S 23
S 24	3 32 13	23° 4'46	20°39	26°17	8° 8	11°14	8°55	6°18	29°52	24°37	8°43	6°48	5°56	6°11	n.a.	S 24
M25	3 36 10	24° 6'03	4♌48	27°54	9°17	11°54	8°48	6°21	29°55	24°39	8°45	6°46	5°53	6°18	n.a.	M25
T 26	3 40 6	25° 7'20	18°30	29°31	10°26	12°34	8°40	6°24	29°57	24°41	8°47	6°45	5°50	6°24	n.a.	T 26
W27	3 44 3	26° 8'38	1♍47	1♐ 9	11°35	13°14	8°33	6°27	29°59	24°43	8°49	6°D45	5°47	6°31	n.a.	W27
T 28	3 47 59	27° 9'56	14°41	2°47	12°44	13°55	8°25	6°30	0♎ 2	24°45	8°51	6°46	5°43	6°38	n.a.	T 28
F 29	3 51 56	28°11'13	27°16	4°26	13°53	14°35	8°18	6°33	0° 5	24°47	8°54	6°48	5°40	6°44	n.a.	F 29
S 30	3 55 53	29♏12'31	9♎35	6♐ 4	15♎ 3	15♒15	8♉11	6♍36	0♎ 7	24♐49	8♏56	6♏49	5♏37	6♐51	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s30	1n16	4s 1	7s24	0n35	8n11	1n27	23s 2	1s48	14n47	0s56	11n58	2n10	1n 8	0n40	23s11	0n29	5s39	9n11	14s 2	14s 7	18s57		n.a.
S 2	11 52	2s58	3 10	8 6	0 28	7 50	1 31	22 52	1 46	14 45	0 56	11 56	2 10	1 6	0 40	23 11	0 29	5 39	9 11	14 1	14 6	18 57		n.a.
S 3	12 14	7 2	2 11	8 48	0 21	7 29	1 35	22 43	1 44	14 43	0 56	11 54	2 11	1 5	0 40	23 11	0 29	5 40	9 11	14 1	14 5	18 58		n.a.
M 4	12 35	10 45	1 7	9 29	0 14	7 8	1 39	22 33	1 42	14 40	0 55	11 53	2 11	1 4	0 40	23 11	0 29	5 41	9 11	14 1	14 3	18 58		n.a.
T 5	12 56	13 59	0 1	10 10	0 8	6 46	1 43	22 23	1 41	14 38	0 55	11 51	2 11	1 2	0 40	23 12	0 29	5 42	9 11	14 1	14 2	18 59		n.a.
W 6	13 17	16 36	1n 5	10 50	0 1	6 24	1 47	22 14	1 39	14 35	0 55	11 49	2 11	1 1	0 40	23 12	0 29	5 43	9 11	14 1	14 1	18 59		n.a.
T 7	13 38	18 29	2 8	11 30	0s 6	6 1	1 50	22 3	1 37	14 33	0 55	11 48	2 12	1 0	0 40	23 12	0 29	5 44	9 11	14 1	14 0	19 0		n.a.
F 8	13 58	19 34	3 5	12 10	0 12	5 39	1 53	21 53	1 36	14 31	0 55	11 46	2 12	0 59	0 40	23 12	0 29	5 44	9 11	14 1	13 59	19 0		n.a.
S 9	14 19	19 47	3 54	12 49	0 19	5 15	1 57	21 43	1 34	14 28	0 55	11 45	2 12	0 57	0 40	23 12	0 29	5 45	9 11	14 1	13 58	19 1		n.a.
S 10	14 39	19 8	4 33	13 27	0 25	4 52	2 0	21 32	1 33	14 26	0 55	11 43	2 12	0 56	0 40	23 12	0 29	5 46	9 10	14 1	13 57	19 1		n.a.
M11	14 59	17 37	5 1	14 5	0 31	4 28	2 2	21 21	1 31	14 23	0 55	11 42	2 13	0 55	0 40	23 12	0 29	5 47	9 10	14 1	13 56	19 1		n.a.
T 12	15 18	15 18	5 16	14 43	0 38	4 4	2 5	21 11	1 29	14 21	0 54	11 40	2 13	0 54	0 40	23 12	0 29	5 48	9 10	14 1	13 55	19 2		n.a.
W13	15 37	12 14	5 16	15 20	0 44	3 40	2 8	21 0	1 28	14 18	0 54	11 39	2 13	0 52	0 40	23 12	0 29	5 48	9 10	14 1	13 54	19 2		n.a.
T 14	15 56	8 32	5 2	15 56	0 50	3 15	2 10	20 48	1 26	14 16	0 54	11 38	2 13	0 51	0 40	23 12	0 29	5 49	9 10	14 1	13 53	19 3		n.a.
F 15	16 15	4 19	4 31	16 32	0 56	2 50	2 12	20 37	1 25	14 13	0 54	11 36	2 14	0 50	0 40	23 13	0 29	5 50	9 10	14 1	13 52	19 3		n.a.
S 16	16 33	0n16	3 44	17 6	1 1	2 25	2 15	20 26	1 23	14 11	0 54	11 35	2 14	0 49	0 40	23 13	0 29	5 51	9 10	14 1	13 51	19 4		n.a.
S 17	16 52	5 0	2 42	17 40	1 7	2 0	2 17	20 14	1 22	14 9	0 54	11 34	2 14	0 48	0 40	23 13	0 28	5 51	9 10	14 1	13 50	19 4		n.a.
M18	17 9	9 36	1 28	18 14	1 12	1 35	2 18	20 2	1 20	14 6	0 53	11 33	2 14	0 47	0 40	23 13	0 28	5 52	9 10	14 2	13 49	19 4		n.a.
T 19	17 27	13 44	0 7	18 46	1 18	1 9	2 20	19 50	1 19	14 4	0 53	11 32	2 15	0 45	0 40	23 13	0 28	5 53	9 10	14 2	13 48	19 5		n.a.
W20	17 44	17 0	1s16	19 18	1 23	0 43	2 22	19 38	1 17	14 1	0 53	11 30	2 15	0 44	0 40	23 13	0 28	5 54	9 10	14 2	13 47	19 5		n.a.
T 21	18 1	19 6	2 35	19 48	1 27	0 17	2 23	19 26	1 16	13 59	0 53	11 29	2 15	0 43	0 40	23 13	0 28	5 54	9 10	14 1	13 45	19 6		n.a.
F 22	18 18	19 49	3 42	20 18	1 32	0s 9	2 24	19 14	1 14	13 57	0 53	11 28	2 15	0 42	0 40	23 13	0 28	5 55	9 10	14 1	13 44	19 6		n.a.
S 23	18 34	19 8	4 32	20 47	1 36	0 36	2 26	19 1	1 13	13 54	0 53	11 27	2 16	0 41	0 40	23 13	0 28	5 56	9 10	14 0	13 43	19 6		n.a.
S 24	18 50	17 11	5 4	21 15	1 41	1 2	2 27	18 49	1 11	13 52	0 52	11 26	2 16	0 40	0 40	23 13	0 28	5 57	9 10	14 0	13 42	19 7		n.a.
M25	19 5	14 14	5 16	21 41	1 44	1 29	2 27	18 36	1 10	13 50	0 52	11 25	2 16	0 39	0 40	23 14	0 28	5 57	9 10	13 59	13 41	19 7		n.a.
T 26	19 20	10 36	5 10	22 7	1 48	1 55	2 28	18 23	1 9	13 47	0 52	11 24	2 16	0 38	0 40	23 14	0 28	5 58	9 10	13 59	13 40	19 8		n.a.
W27	19 35	6 32	4 47	22 31	1 51	2 22	2 29	18 10	1 7	13 45	0 52	11 23	2 17	0 37	0 40	23 14	0 28	5 59	9 10	13 59	13 39	19 8		n.a.
T 28	19 50	2 17	4 10	22 54	1 54	2 49	2 29	17 57	1 6	13 43	0 52	11 23	2 17	0 36	0 40	23 14	0 28	5 59	9 10	13 59	13 38	19 8		n.a.
F 29	20 4	1s58	3 22	23 16	1 57	3 16	2 30	17 44	1 4	13 41	0 51	11 22	2 17	0 35	0 40	23 14	0 28	6 0	9 10	13 59	13 37	19 9		n.a.
S 30	20s17	6s 4	2s25	23s37	1s59	3s43	2n30	17s31	1s 3	13n39	0s51	11n21	2n17	0n34	0n40	23s14	0n28	6s 1	9n10	14s 0	13s36	19s 9		n.a.

Julian Day Number = 1368895.5, Delta T = 06h52m25s
Ecliptic obliquity = 23°48'31, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°24'02, Lahiri = -17°17'02 Julian Calendar 1 Nov. 966 BCE == Greg. Calendar 23 Oct. 966 BCE

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ASTRODIENST EPHEMERIS for the year 966 BCE
geocentric

DECEMBER 966 BCE (-965) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 59 49	0♐13'49	21♎41	7♐43	16♎13	15♒55	8°R 4	6♍38	0♎10	24♐51	8♏58	6♏51	5♏34	6♐58	n.a.	S 1
M 2	4 3 46	1°15'06	3♏39	9°22	17°22	16°35	7♉57	6°41	0°12	24°54	9° 0	6°R52	5°31	7° 4	n.a.	M 2
T 3	4 7 42	2°16'24	15°32	11° 2	18°32	17°16	7°50	6°43	0°14	24°56	9° 2	6°51	5°28	7°11	n.a.	T 3
W 4	4 11 39	3°17'41	27°21	12°41	19°43	17°56	7°43	6°46	0°16	24°58	9° 4	6°50	5°24	7°18	n.a.	W 4
T 5	4 15 35	4°18'58	9♐10	14°21	20°53	18°36	7°37	6°48	0°19	25° 0	9° 7	6°47	5°21	7°24	n.a.	T 5
F 6	4 19 32	5°20'14	20°59	16° 1	22° 3	19°16	7°30	6°50	0°21	25° 2	9° 9	6°42	5°18	7°31	n.a.	F 6
S 7	4 23 28	6°21'29	2♑51	17°40	23°14	19°57	7°24	6°52	0°23	25° 4	9°11	6°37	5°15	7°38	n.a.	S 7
S 8	4 27 25	7°22'44	14°48	19°20	24°24	20°37	7°18	6°54	0°25	25° 7	9°13	6°31	5°12	7°44	n.a.	S 8
M 9	4 31 22	8°23'59	26°52	20°59	25°35	21°17	7°12	6°56	0°27	25° 9	9°15	6°25	5° 8	7°51	n.a.	M 9
T 10	4 35 18	9°25'12	9♒ 5	22°38	26°45	21°58	7° 6	6°58	0°29	25°11	9°17	6°20	5° 5	7°58	n.a.	T 10
W11	4 39 15	10°26'24	21°32	24°17	27°56	22°38	7° 0	6°59	0°31	25°13	9°19	6°17	5° 2	8° 4	n.a.	W11
T 12	4 43 11	11°27'36	4♓15	25°54	29° 7	23°18	6°55	7° 1	0°32	25°15	9°21	6°15	4°59	8°11	n.a.	T 12
F 13	4 47 8	12°28'46	17°17	27°31	0♏18	23°59	6°49	7° 2	0°34	25°18	9°23	6°D15	4°56	8°18	n.a.	F 13
S 14	4 51 4	13°29'55	0♈43	29° 6	1°29	24°39	6°44	7° 4	0°36	25°20	9°25	6°16	4°53	8°24	n.a.	S 14
S 15	4 55 1	14°31'03	14°35	0♑39	2°41	25°19	6°39	7° 5	0°38	25°22	9°27	6°18	4°49	8°31	n.a.	S 15
M16	4 58 57	15°32'10	28°53	2°11	3°52	26° 0	6°34	7° 6	0°39	25°24	9°29	6°R19	4°46	8°38	n.a.	M16
T 17	5 2 54	16°33'16	13♉35	3°39	5° 3	26°40	6°29	7° 7	0°41	25°27	9°31	6°19	4°43	8°44	n.a.	T 17
W18	5 6 51	17°34'21	28°38	5° 5	6°15	27°20	6°25	7° 8	0°42	25°29	9°33	6°17	4°40	8°51	n.a.	W18
T 19	5 10 47	18°35'25	13♊53	6°28	7°26	28° 1	6°20	7° 9	0°44	25°31	9°35	6°13	4°37	8°58	n.a.	T 19
F 20	5 14 44	19°36'28	29°10	7°46	8°38	28°41	6°16	7° 9	0°45	25°33	9°37	6° 7	4°34	9° 4	n.a.	F 20
S 21	5 18 40	20°37'30	14♋19	8°59	9°49	29°21	6°12	7°10	0°47	25°36	9°38	6° 1	4°30	9°11	n.a.	S 21
S 22	5 22 37	21°38'30	29° 9	10° 6	11° 1	0♓ 2	6° 8	7°10	0°48	25°38	9°40	5°53	4°27	9°18	n.a.	S 22
M23	5 26 33	22°39'30	13♌33	11° 7	12°13	0°42	6° 5	7°11	0°49	25°40	9°42	5°47	4°24	9°24	n.a.	M23
T 24	5 30 30	23°40'29	27°28	12° 0	13°25	1°22	6° 1	7°11	0°50	25°42	9°44	5°42	4°21	9°31	n.a.	T 24
W25	5 34 27	24°41'27	10♍53	12°46	14°37	2° 3	5°58	7°11	0°52	25°45	9°46	5°39	4°18	9°38	n.a.	W25
T 26	5 38 23	25°42'24	23°51	13°22	15°49	2°43	5°55	7°R11	0°53	25°47	9°47	5°D38	4°14	9°44	n.a.	T 26
F 27	5 42 20	26°43'20	6♎24	13°49	17° 1	3°23	5°52	7°11	0°54	25°49	9°49	5°38	4°11	9°51	n.a.	F 27
S 28	5 46 16	27°44'15	18°39	14° 6	18°13	4° 4	5°50	7°11	0°55	25°52	9°51	5°39	4° 8	9°58	n.a.	S 28
S 29	5 50 13	28°45'09	0♏40	14°R12	19°25	4°44	5°47	7°11	0°56	25°54	9°53	5°R40	4° 5	10° 4	n.a.	S 29
M30	5 54 9	29°46'02	12°33	14° 7	20°37	5°24	5°45	7°10	0°57	25°56	9°54	5°40	4° 2	10°11	n.a.	M30
T 31	5 58 6	0♑46'54	24♏20	13♑50	21♏49	6♓ 5	5♉43	7♍10	0♎57	25♐58	9♏56	5♏38	3♏59	10♐18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	20s31	9s51	1s23	23s56	2s 1	4s10	2n30	17s17	1s 2	13n36	0s51	11n20	2n18	0n33	0n40	23s14	0n28	6s 2	9n10	14s 1	13s35	19s10			n.a.
M 2	20 44	13 12	0 18	24 13	2 3	4 37	2 30	17 4	1 0	13 34	0 51	11 19	2 18	0 32	0 41	23 14	0 28	6 2	9 10	14 1	13 34	19 10			n.a.
T 3	20 56	15 59	0n48	24 29	2 4	5 4	2 30	16 50	0 59	13 32	0 51	11 19	2 18	0 31	0 41	23 14	0 28	6 3	9 10	14 1	13 33	19 10			n.a.
W 4	21 8	18 5	1 50	24 44	2 5	5 31	2 30	16 36	0 58	13 30	0 50	11 18	2 19	0 30	0 41	23 15	0 28	6 3	9 10	14 0	13 32	19 11			n.a.
T 5	21 20	19 24	2 48	24 57	2 5	5 58	2 30	16 22	0 56	13 28	0 50	11 18	2 19	0 30	0 41	23 15	0 28	6 4	9 10	13 59	13 30	19 11			n.a.
F 6	21 31	19 51	3 39	25 8	2 5	6 25	2 29	16 8	0 55	13 27	0 50	11 17	2 19	0 29	0 41	23 15	0 28	6 5	9 10	13 58	13 29	19 11			n.a.
S 7	21 42	19 26	4 20	25 17	2 4	6 52	2 29	15 54	0 54	13 25	0 50	11 17	2 19	0 28	0 41	23 15	0 28	6 5	9 10	13 56	13 28	19 12			n.a.
S 8	21 53	18 10	4 50	25 25	2 3	7 19	2 28	15 40	0 52	13 23	0 49	11 16	2 20	0 27	0 41	23 15	0 28	6 6	9 10	13 54	13 27	19 12			n.a.
M 9	22 3	16 4	5 8	25 31	2 1	7 45	2 27	15 26	0 51	13 21	0 49	11 16	2 20	0 26	0 41	23 15	0 28	6 7	9 10	13 52	13 26	19 12			n.a.
T 10	22 12	13 15	5 12	25 34	1 59	8 12	2 26	15 11	0 50	13 19	0 49	11 15	2 20	0 26	0 41	23 15	0 28	6 7	9 10	13 50	13 25	19 13			n.a.
W11	22 21	9 47	5 1	25 36	1 55	8 39	2 25	14 57	0 49	13 18	0 49	11 15	2 21	0 25	0 41	23 15	0 28	6 8	9 10	13 49	13 24	19 13			n.a.
T 12	22 30	5 49	4 36	25 36	1 51	9 5	2 24	14 42	0 47	13 16	0 48	11 15	2 21	0 24	0 41	23 15	0 28	6 8	9 10	13 49	13 23	19 13			n.a.
F 13	22 38	1 29	3 56	25 34	1 47	9 31	2 23	14 27	0 46	13 15	0 48	11 14	2 21	0 24	0 41	23 15	0 28	6 9	9 10	13 49	13 22	19 14			n.a.
S 14	22 46	3n 4	3 2	25 30	1 41	9 57	2 22	14 13	0 45	13 13	0 48	11 14	2 21	0 23	0 41	23 15	0 28	6 9	9 10	13 49	13 21	19 14			n.a.
S 15	22 54	7 36	1 56	25 24	1 35	10 23	2 21	13 58	0 44	13 12	0 48	11 14	2 22	0 22	0 41	23 16	0 28	6 10	9 10	13 50	13 20	19 14			n.a.
M16	23 1	11 52	0 40	25 16	1 28	10 49	2 19	13 43	0 43	13 10	0 47	11 14	2 22	0 22	0 41	23 16	0 28	6 10	9 10	13 50	13 19	19 15			n.a.
T 17	23 7	15 32	0s39	25 5	1 20	11 15	2 18	13 28	0 41	13 9	0 47	11 14	2 22	0 21	0 41	23 16	0 28	6 11	9 10	13 50	13 17	19 15			n.a.
W18	23 13	18 14	1 58	24 54	1 11	11 40	2 16	13 13	0 40	13 8	0 47	11 14	2 23	0 20	0 41	23 16	0 28	6 11	9 11	13 49	13 16	19 15			n.a.
T 19	23 19	19 41	3 10	24 40	1 1	12 5	2 14	12 57	0 39	13 6	0 47	11 13	2 23	0 20	0 41	23 16	0 28	6 12	9 11	13 48	13 15	19 16			n.a.
F 20	23 24	19 41	4 7	24 25	0 50	12 30	2 13	12 42	0 38	13 5	0 46	11 14	2 23	0 19	0 41	23 16	0 28	6 12	9 11	13 46	13 14	19 16			n.a.
S 21	23 28	18 16	4 47	24 8	0 38	12 55	2 11	12 27	0 37	13 4	0 46	11 14	2 23	0 19	0 41	23 16	0 28	6 13	9 11	13 44	13 13	19 16			n.a.
S 22	23 32	15 39	5 7	23 50	0 26	13 20	2 9	12 11	0 36	13 3	0 46	11 14	2 24	0 18	0 41	23 16	0 28	6 13	9 11	13 41	13 12	19 16			n.a.
M23	23 36	12 8	5 6	23 32	0 12	13 44	2 7	11 56	0 34	13 2	0 46	11 14	2 24	0 18	0 41	23 16	0 28	6 14	9 11	13 39	13 11	19 17			n.a.
T 24	23 39	8 3	4 47	23 12	0n 3	14 8	2 5	11 40	0 33	13 1	0 45	11 14	2 24	0 17	0 41	23 16	0 28	6 14	9 11	13 37	13 10	19 17			n.a.
W25	23 42	3 42	4 13	22 52	0 19	14 31	2 3	11 24	0 32	13 0	0 45	11 14	2 25	0 17	0 41	23 16	0 28	6 15	9 11	13 36	13 9	19 17			n.a.
T 26	23 44	0s40	3 26	22 32	0 35	14 54	2 0	11 9	0 31	13 0	0 45	11 14	2 25	0 16	0 41	23 17	0 28	6 15	9 11	13 36	13 8	19 18			n.a.
F 27	23 46	4 53	2 31	22 12	0 53	15 17	1 58	10 53	0 30	12 59	0 45	11 15	2 25	0 16	0 41	23 17	0 28	6 16	9 12	13 36	13 7	19 18			n.a.
S 28	23 47	8 49	1 31	21 53	1 10	15 40	1 56	10 37	0 29	12 58	0 44	11 15	2 25	0 16	0 41	23 17	0 28	6 16	9 12	13 37	13 6	19 18			n.a.
S 29	23 48	12 18	0 27	21 34	1 29	16 2	1 53	10 21	0 28	12 58	0 44	11 15	2 26	0 15	0 41	23 17	0 28	6 16	9 12	13 37	13 4	19 18			n.a.
M30	23 48	15 15	0n37	21 17	1 47	16 24	1 51	10 5	0 27	12 57	0 44	11 16	2 26	0 15	0 41	23 17	0 28	6 17	9 12	13 37	13 3	19 19			n.a.
T 31	23s48	17s33	1n39	21s 1	2n 5	16s45	1n48	9s49	0s26	12n57	0s44	11n16	2n26	0n15	0n41	23s17	0n28	6s17	9n12	13s36	13s 2	19s19			n.a.

Julian Day Number = 1368925.5, Delta T = 06h52m23s
Ecliptic obliquity = 23°48'30, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°23'58, Lahiri = -17°16'58 Julian Calendar 1 Dec. 966 BCE == Greg. Calendar 22 Nov. 966 BCE

The year -965 astronomical counting style corresponds to year 966 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 965 BCE
geocentric

JANUARY 965 BCE (-964) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 2 2	1♉47'44	6♐ 7	13°R23	23♏ 2	6♓45	5°R41	7°R 9	0♎58	26♐ 1	9♏57	5°R33	3♏55	10♐24	n.a.	W 1
T 2	6 5 59	2°48'33	17°56	12♉46	24°14	7°25	5♉39	7♍ 9	0°59	26° 3	9°59	5♏26	3°52	10°31	n.a.	T 2
F 3	6 9 56	3°49'21	29°50	11°59	25°26	8° 6	5°38	7° 8	1° 0	26° 5	10° 1	5°16	3°49	10°38	n.a.	F 3
S 4	6 13 52	4°50'07	11♉49	11° 4	26°39	8°46	5°37	7° 7	1° 0	26° 7	10° 2	5° 5	3°46	10°44	n.a.	S 4
S 5	6 17 49	5°50'52	23°56	10° 3	27°51	9°26	5°36	7° 6	1° 1	26°10	10° 4	4°53	3°43	10°51	n.a.	S 5
M 6	6 21 45	6°51'35	6♒10	8°57	29° 4	10° 6	5°35	7° 5	1° 1	26°12	10° 5	4°41	3°39	10°58	n.a.	M 6
T 7	6 25 42	7°52'16	18°34	7°48	0♐16	10°47	5°34	7° 4	1° 2	26°14	10° 6	4°30	3°36	11° 4	n.a.	T 7
W 8	6 29 38	8°52'56	1♓ 9	6°38	1°29	11°27	5°34	7° 2	1° 2	26°16	10° 8	4°22	3°33	11°11	n.a.	W 8
T 9	6 33 35	9°53'33	13°56	5°29	2°41	12° 7	5°33	7° 1	1° 2	26°19	10° 9	4°16	3°30	11°18	n.a.	T 9
F 10	6 37 31	10°54'09	26°59	4°22	3°54	12°47	5°D33	7° 0	1° 3	26°21	10°11	4°13	3°27	11°24	n.a.	F 10
S 11	6 41 28	11°54'43	10♈19	3°19	5° 7	13°28	5°34	6°58	1° 3	26°23	10°12	4°D12	3°24	11°31	n.a.	S 11
S 12	6 45 25	12°55'14	23°59	2°22	6°19	14° 8	5°34	6°56	1° 3	26°25	10°13	4°13	3°20	11°38	n.a.	S 12
M13	6 49 21	13°55'44	8♉ 1	1°31	7°32	14°48	5°34	6°54	1° 3	26°28	10°15	4°R13	3°17	11°44	n.a.	M13
T 14	6 53 18	14°56'11	22°25	0°46	8°45	15°28	5°35	6°53	1° 3	26°30	10°16	4°12	3°14	11°51	n.a.	T 14
W15	6 57 14	15°56'37	7♊ 8	0° 9	9°57	16° 8	5°36	6°51	1°R 3	26°32	10°17	4° 8	3°11	11°58	n.a.	W15
T 16	7 1 11	16°57'01	22° 7	29♐39	11°10	16°48	5°37	6°49	1° 3	26°34	10°18	4° 2	3° 8	12° 5	n.a.	T 16
F 17	7 5 7	17°57'22	7♋12	29°17	12°23	17°29	5°39	6°46	1° 3	26°36	10°19	3°53	3° 5	12°11	n.a.	F 17
S 18	7 9 4	18°57'42	22°15	29° 3	13°36	18° 9	5°40	6°44	1° 3	26°38	10°21	3°42	3° 1	12°18	n.a.	S 18
S 19	7 13 0	19°58'00	7♌ 5	28°55	14°48	18°49	5°42	6°42	1° 3	26°41	10°22	3°31	2°58	12°25	n.a.	S 19
M20	7 16 57	20°58'16	21°34	28°D55	16° 1	19°29	5°44	6°39	1° 3	26°43	10°23	3°20	2°55	12°31	n.a.	M20
T 21	7 20 54	21°58'30	5♍36	29° 1	17°14	20° 9	5°46	6°37	1° 2	26°45	10°24	3°11	2°52	12°38	n.a.	T 21
W22	7 24 50	22°58'42	19° 8	29°13	18°27	20°49	5°48	6°34	1° 2	26°47	10°25	3° 4	2°49	12°45	n.a.	W22
T 23	7 28 47	23°58'53	2♎12	29°31	19°40	21°29	5°51	6°31	1° 1	26°49	10°26	3° 1	2°45	12°51	n.a.	T 23
F 24	7 32 43	24°59'02	14°51	29°54	20°53	22° 9	5°54	6°29	1° 1	26°51	10°27	2°59	2°42	12°58	n.a.	F 24
S 25	7 36 40	25°59'09	27° 8	0♉23	22° 6	22°49	5°57	6°26	1° 0	26°53	10°28	2°59	2°39	13° 5	n.a.	S 25
S 26	7 40 36	26°59'15	9♏11	0°56	23°19	23°29	6° 0	6°23	1° 0	26°55	10°28	2°59	2°36	13°11	n.a.	S 26
M27	7 44 33	27°59'19	21° 3	1°33	24°32	24° 9	6° 3	6°20	0°59	26°57	10°29	2°58	2°33	13°18	n.a.	M27
T 28	7 48 29	28°59'21	2♐51	2°15	25°45	24°49	6° 6	6°17	0°58	26°59	10°30	2°55	2°30	13°25	n.a.	T 28
W29	7 52 26	29°59'21	14°38	3° 1	26°58	25°29	6°10	6°14	0°58	27° 1	10°31	2°49	2°26	13°31	n.a.	W29
T 30	7 56 23	0♒59'20	26°30	3°50	28°11	26° 8	6°14	6°10	0°57	27° 3	10°32	2°40	2°23	13°38	n.a.	T 30
F 31	8 0 19	1♒59'16	8♉29	4♉42	29♐24	26♓48	6♉18	6♍ 7	0♎56	27♐ 5	10♏32	2♏29	2♏20	13♐45	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23s48	19s 6	2n36	20s46	2n22	17s 6	1n46	9s33	0s25	12n56	0s43	11n17	2n27	0n14	0n41	23s17	0n28	6s17	9n12	13s35	13s 1	19s19			n.a.
T 2	23 47	19 49	3 26	20 33	2 39	17 27	1 43	9 17	0 24	12 56	0 43	11 17	2 27	0 14	0 41	23 17	0 28	6 18	9 12	13 32	13 0	19 19			n.a.
F 3	23 45	19 40	4 8	20 22	2 54	17 47	1 41	9 1	0 23	12 56	0 43	11 18	2 27	0 14	0 42	23 17	0 28	6 18	9 12	13 29	12 59	19 20			n.a.
S 4	23 43	18 38	4 39	20 13	3 8	18 7	1 38	8 44	0 22	12 56	0 43	11 18	2 27	0 14	0 42	23 17	0 28	6 18	9 13	13 25	12 58	19 20			n.a.
S 5	23 41	16 46	4 58	20 5	3 20	18 26	1 35	8 28	0 21	12 55	0 42	11 19	2 28	0 14	0 42	23 17	0 28	6 19	9 13	13 21	12 57	19 20			n.a.
M 6	23 38	14 7	5 3	20 0	3 31	18 45	1 32	8 12	0 20	12 55	0 42	11 20	2 28	0 13	0 42	23 17	0 28	6 19	9 13	13 17	12 56	19 20			n.a.
T 7	23 34	10 50	4 54	19 56	3 39	19 4	1 30	7 55	0 19	12 55	0 42	11 20	2 28	0 13	0 42	23 18	0 28	6 19	9 13	13 13	12 55	19 21			n.a.
W 8	23 30	7 1	4 31	19 54	3 44	19 22	1 27	7 39	0 18	12 56	0 42	11 21	2 28	0 13	0 42	23 18	0 28	6 20	9 13	13 10	12 54	19 21			n.a.
T 9	23 26	2 49	3 54	19 54	3 48	19 39	1 24	7 23	0 17	12 56	0 41	11 22	2 29	0 13	0 42	23 18	0 28	6 20	9 13	13 8	12 52	19 21			n.a.
F 10	23 21	1n36	3 5	19 56	3 49	19 56	1 21	7 6	0 16	12 56	0 41	11 23	2 29	0 13	0 42	23 18	0 28	6 20	9 14	13 7	12 51	19 21			n.a.
S 11	23 16	6 2	2 4	19 59	3 47	20 12	1 18	6 50	0 15	12 56	0 41	11 24	2 29	0 13	0 42	23 18	0 28	6 20	9 14	13 7	12 50	19 22			n.a.
S 12	23 10	10 17	0 54	20 3	3 44	20 28	1 15	6 33	0 14	12 57	0 41	11 24	2 30	0 13	0 42	23 18	0 28	6 21	9 14	13 7	12 49	19 22			n.a.
M13	23 4	14 5	0s20	20 9	3 39	20 43	1 12	6 16	0 13	12 57	0 40	11 25	2 30	0 13	0 42	23 18	0 28	6 21	9 14	13 7	12 48	19 22			n.a.
T 14	22 57	17 7	1 35	20 16	3 33	20 58	1 9	6 0	0 12	12 58	0 40	11 26	2 30	0 13	0 42	23 18	0 28	6 21	9 14	13 7	12 47	19 22			n.a.
W15	22 50	19 7	2 45	20 24	3 25	21 12	1 6	5 43	0 11	12 58	0 40	11 27	2 30	0 13	0 42	23 18	0 28	6 21	9 14	13 6	12 46	19 22			n.a.
T 16	22 43	19 49	3 45	20 33	3 16	21 25	1 3	5 26	0 10	12 59	0 40	11 28	2 31	0 13	0 42	23 18	0 28	6 21	9 15	13 3	12 45	19 23			n.a.
F 17	22 35	19 7	4 30	20 43	3 5	21 38	1 0	5 10	0 9	12 59	0 39	11 29	2 31	0 13	0 42	23 18	0 28	6 22	9 15	13 0	12 44	19 23			n.a.
S 18	22 27	17 5	4 55	20 54	2 55	21 51	0 57	4 53	0 8	13 0	0 39	11 30	2 31	0 13	0 42	23 18	0 28	6 22	9 15	12 57	12 43	19 23			n.a.
S 19	22 18	13 56	5 1	21 5	2 43	22 2	0 54	4 36	0 7	13 1	0 39	11 32	2 31	0 13	0 42	23 18	0 28	6 22	9 15	12 53	12 41	19 23			n.a.
M20	22 9	10 1	4 47	21 16	2 32	22 14	0 50	4 20	0 6	13 2	0 39	11 33	2 32	0 13	0 42	23 18	0 28	6 22	9 15	12 49	12 40	19 23			n.a.
T 21	21 59	5 39	4 15	21 29	2 20	22 24	0 47	4 3	0 6	13 3	0 38	11 34	2 32	0 13	0 42	23 18	0 28	6 22	9 16	12 46	12 39	19 23			n.a.
W22	21 49	1 9	3 30	21 41	2 8	22 34	0 44	3 46	0 5	13 4	0 38	11 35	2 32	0 14	0 42	23 19	0 28	6 22	9 16	12 44	12 38	19 24			n.a.
T 23	21 39	3s15	2 35	21 53	1 55	22 43	0 41	3 29	0 4	13 5	0 38	11 36	2 32	0 14	0 42	23 19	0 28	6 22	9 16	12 42	12 37	19 24			n.a.
F 24	21 28	7 23	1 35	22 5	1 43	22 52	0 38	3 12	0 3	13 6	0 38	11 38	2 33	0 14	0 42	23 19	0 28	6 23	9 16	12 42	12 36	19 24			n.a.
S 25	21 17	11 5	0 31	22 17	1 31	22 59	0 35	2 56	0 2	13 7	0 37	11 39	2 33	0 14	0 42	23 19	0 28	6 23	9 16	12 42	12 35	19 24			n.a.
S 26	21 5	14 15	0n33	22 29	1 19	23 7	0 32	2 39	0 1	13 9	0 37	11 40	2 33	0 15	0 42	23 19	0 28	6 23	9 17	12 42	12 34	19 24			n.a.
M27	20 53	16 47	1 34	22 41	1 7	23 13	0 28	2 22	0 0	13 10	0 37	11 42	2 33	0 15	0 42	23 19	0 28	6 23	9 17	12 41	12 33	19 24			n.a.
T 28	20 41	18 35	2 31	22 52	0 55	23 19	0 25	2 5	0n 0	13 11	0 37	11 43	2 33	0 15	0 42	23 19	0 28	6 23	9 17	12 40	12 31	19 25			n.a.
W29	20 28	19 35	3 21	23 2	0 44	23 24	0 22	1 48	0 1	13 13	0 36	11 44	2 34	0 15	0 42	23 19	0 28	6 23	9 17	12 38	12 30	19 25			n.a.
T 30	20 15	19 43	4 3	23 12	0 33	23 29	0 19	1 32	0 2	13 14	0 36	11 46	2 34	0 16	0 42	23 19	0 28	6 23	9 17	12 35	12 29	19 25			n.a.
F 31	20s 1	18s58	4n34	23s21	0n22	23s32	0n16	1s15	0n 3	13n16	0s36	11n47	2n34	0n16	0n42	23s19	0n28	6s23	9n18	12s31	12s28	19s25			n.a.

Julian Day Number = 1368956.5, Delta T = 06h52m22s
Ecliptic obliquity = 23°48'29, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°23'54, Lahiri = -17°16'54 Julian Calendar 1 Jan. 965 BCE == Greg. Calendar 23 Dec. 966 BCE

The year -964 astronomical counting style corresponds to year 965 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 965 BCE
geocentric

FEBRUARY 965 BCE (-964) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 4 16	2♒59'11	20♉37	5♉37	0♉37	27♓28	6♉22	6°R 4	0°R55	27♐ 7	10♏33	2°R16	2♏17	13♐51	n.a.	S 1
S 2	8 8 12	3°59'03	2♒56	6°35	1°50	28° 8	6°26	6♍ 0	0♎54	27° 9	10°34	2♏ 2	2°14	13°58	n.a.	S 2
M 3	8 12 9	4°58'54	15°26	7°36	3° 3	28°48	6°31	5°57	0°53	27°11	10°34	1°47	2°11	14° 5	n.a.	M 3
T 4	8 16 5	5°58'42	28° 6	8°40	4°16	29°28	6°36	5°53	0°52	27°13	10°35	1°35	2° 7	14°11	n.a.	T 4
W 5	8 20 2	6°58'28	10♓58	9°46	5°29	0♈ 8	6°41	5°49	0°51	27°15	10°35	1°25	2° 4	14°18	n.a.	W 5
T 6	8 23 58	7°58'11	24° 1	10°54	6°42	0°47	6°46	5°45	0°50	27°16	10°36	1°17	2° 1	14°25	n.a.	T 6
F 7	8 27 55	8°57'52	7♈15	12° 4	7°55	1°27	6°51	5°42	0°49	27°18	10°36	1°13	1°58	14°31	n.a.	F 7
S 8	8 31 51	9°57'31	20°42	13°16	9° 8	2° 7	6°56	5°38	0°47	27°20	10°37	1°12	1°55	14°38	n.a.	S 8
S 9	8 35 48	10°57'08	4♉22	14°30	10°21	2°47	7° 2	5°34	0°46	27°22	10°37	1°11	1°51	14°45	n.a.	S 9
M10	8 39 45	11°56'42	18°16	15°46	11°34	3°26	7° 7	5°30	0°45	27°24	10°38	1°11	1°48	14°52	n.a.	M10
T 11	8 43 41	12°56'13	2♊26	17° 4	12°48	4° 6	7°13	5°26	0°43	27°25	10°38	1°10	1°45	14°58	n.a.	T 11
W12	8 47 38	13°55'42	16°49	18°24	14° 1	4°46	7°19	5°22	0°42	27°27	10°38	1° 7	1°42	15° 5	n.a.	W12
T 13	8 51 34	14°55'09	1♋24	19°45	15°14	5°25	7°26	5°18	0°40	27°29	10°39	1° 1	1°39	15°12	n.a.	T 13
F 14	8 55 31	15°54'33	16° 5	21° 8	16°27	6° 5	7°32	5°14	0°39	27°30	10°39	0°52	1°36	15°18	n.a.	F 14
S 15	8 59 27	16°53'55	0♌45	22°32	17°40	6°45	7°38	5° 9	0°37	27°32	10°39	0°42	1°32	15°25	n.a.	S 15
S 16	9 3 24	17°53'15	15°17	23°58	18°53	7°24	7°45	5° 5	0°36	27°34	10°39	0°31	1°29	15°32	n.a.	S 16
M17	9 7 20	18°52'32	29°34	25°26	20° 6	8° 4	7°52	5° 1	0°34	27°35	10°39	0°20	1°26	15°38	n.a.	M17
T 18	9 11 17	19°51'47	13♍29	26°54	21°19	8°43	7°59	4°57	0°33	27°37	10°40	0°11	1°23	15°45	n.a.	T 18
W19	9 15 14	20°51'00	26°59	28°25	22°33	9°23	8° 6	4°52	0°31	27°38	10°40	0° 4	1°20	15°52	n.a.	W19
T 20	9 19 10	21°50'12	10♎ 4	29°57	23°46	10° 2	8°13	4°48	0°29	27°40	10°40	29♎59	1°17	15°58	n.a.	T 20
F 21	9 23 7	22°49'21	22°46	1♒30	24°59	10°42	8°21	4°43	0°27	27°41	10°R40	29°58	1°13	16° 5	n.a.	F 21
S 22	9 27 3	23°48'28	5♏ 7	3° 5	26°12	11°21	8°28	4°39	0°25	27°43	10°40	29°D58	1°10	16°12	n.a.	S 22
S 23	9 31 0	24°47'33	17°12	4°41	27°25	12° 1	8°36	4°34	0°24	27°44	10°40	29°59	1° 7	16°18	n.a.	S 23
M24	9 34 56	25°46'37	29° 7	6°18	28°39	12°40	8°43	4°30	0°22	27°46	10°40	29°R59	1° 4	16°25	n.a.	M24
T 25	9 38 53	26°45'38	10♐57	7°57	29°52	13°19	8°51	4°25	0°20	27°47	10°39	29°58	1° 1	16°32	n.a.	T 25
W26	9 42 49	27°44'38	22°47	9°38	1♒ 5	13°59	8°59	4°21	0°18	27°49	10°39	29°54	0°57	16°38	n.a.	W26
T 27	9 46 46	28°43'36	4♑42	11°20	2°18	14°38	9° 8	4°16	0°16	27°50	10°39	29°49	0°54	16°45	n.a.	T 27
F 28	9 50 42	29°42'32	16°46	13° 3	3°31	15°17	9°16	4°12	0°14	27°51	10°39	29°41	0°51	16°52	n.a.	F 28
S 29	9 54 39	0♓41'26	29♑ 2	14♒48	4♒45	15♈57	9♉24	4♍ 7	0♎12	27♐52	10♏39	29♎31	0♏48	16♐59	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s47	17s22	4n54	23s30	0n11	23s35	0n13	0s58	0n 4	13n17	0s36	11n49	2n34	0n17	0n42	23s19	0n28	6s23	9n18	12s27	12s27	19s25		n.a.
S 2	19 33	14 57	5 0	23 37	0 1	23 38	0 10	0 41	0 4	13 19	0 35	11 50	2 34	0 17	0 42	23 19	0 28	6 23	9 18	12 22	12 26	19 25		n.a.
M 3	19 19	11 49	4 51	23 44	0s 9	23 40	0 7	0 24	0 5	13 21	0 35	11 52	2 35	0 17	0 43	23 19	0 28	6 23	9 18	12 17	12 25	19 25		n.a.
T 4	19 4	8 7	4 29	23 50	0 18	23 41	0 4	0 8	0 6	13 23	0 35	11 53	2 35	0 18	0 43	23 19	0 28	6 23	9 19	12 12	12 24	19 26		n.a.
W 5	18 49	3 59	3 52	23 54	0 28	23 41	0 1	0n 9	0 7	13 24	0 35	11 55	2 35	0 18	0 43	23 19	0 28	6 23	9 19	12 9	12 23	19 26		n.a.
T 6	18 33	0n23	3 3	23 58	0 37	23 40	0s 2	0 26	0 7	13 26	0 34	11 56	2 35	0 19	0 43	23 19	0 28	6 23	9 19	12 6	12 21	19 26		n.a.
F 7	18 18	4 48	2 3	24 0	0 45	23 39	0 5	0 43	0 8	13 28	0 34	11 58	2 35	0 19	0 43	23 19	0 28	6 23	9 19	12 5	12 20	19 26		n.a.
S 8	18 1	9 3	0 55	24 1	0 54	23 37	0 8	0 59	0 9	13 30	0 34	12 0	2 36	0 20	0 43	23 19	0 28	6 23	9 19	12 4	12 19	19 26		n.a.
S 9	17 45	12 54	0s17	24 1	1 1	23 35	0 11	1 16	0 10	13 32	0 34	12 1	2 36	0 20	0 43	23 19	0 28	6 23	9 20	12 4	12 18	19 26		n.a.
M10	17 28	16 6	1 29	24 0	1 9	23 31	0 14	1 33	0 10	13 34	0 34	12 3	2 36	0 21	0 43	23 19	0 28	6 23	9 20	12 4	12 17	19 26		n.a.
T 11	17 11	18 24	2 37	23 57	1 16	23 28	0 17	1 49	0 11	13 37	0 33	12 4	2 36	0 22	0 43	23 19	0 28	6 22	9 20	12 4	12 16	19 26		n.a.
W12	16 54	19 33	3 37	23 53	1 23	23 23	0 19	2 6	0 12	13 39	0 33	12 6	2 36	0 22	0 43	23 19	0 28	6 22	9 20	12 2	12 15	19 27		n.a.
T 13	16 37	19 25	4 23	23 48	1 29	23 17	0 22	2 23	0 13	13 41	0 33	12 8	2 36	0 23	0 43	23 20	0 28	6 22	9 20	12 0	12 14	19 27		n.a.
F 14	16 19	18 0	4 52	23 41	1 35	23 11	0 25	2 39	0 13	13 43	0 33	12 10	2 37	0 23	0 43	23 20	0 28	6 22	9 21	11 57	12 13	19 27		n.a.
S 15	16 1	15 24	5 1	23 33	1 41	23 5	0 28	2 56	0 14	13 46	0 32	12 11	2 37	0 24	0 43	23 20	0 28	6 22	9 21	11 54	12 11	19 27		n.a.
S 16	15 42	11 51	4 52	23 23	1 46	22 57	0 30	3 12	0 15	13 48	0 32	12 13	2 37	0 25	0 43	23 20	0 28	6 22	9 21	11 50	12 10	19 27		n.a.
M17	15 24	7 41	4 24	23 11	1 50	22 49	0 33	3 29	0 15	13 51	0 32	12 15	2 37	0 25	0 43	23 20	0 28	6 22	9 21	11 46	12 9	19 27		n.a.
T 18	15 5	3 12	3 40	22 58	1 55	22 40	0 35	3 45	0 16	13 53	0 32	12 16	2 37	0 26	0 43	23 20	0 28	6 22	9 22	11 43	12 8	19 27		n.a.
W19	14 46	1s19	2 46	22 44	1 59	22 31	0 38	4 2	0 17	13 56	0 32	12 18	2 37	0 27	0 43	23 20	0 28	6 21	9 22	11 40	12 7	19 27		n.a.
T 20	14 27	5 38	1 44	22 28	2 2	22 21	0 40	4 18	0 17	13 58	0 31	12 20	2 37	0 28	0 43	23 20	0 28	6 21	9 22	11 39	12 6	19 27		n.a.
F 21	14 7	9 35	0 38	22 10	2 5	22 10	0 43	4 34	0 18	14 1	0 31	12 22	2 37	0 28	0 43	23 20	0 28	6 21	9 22	11 38	12 5	19 27		n.a.
S 22	13 47	13 0	0n27	21 50	2 8	21 58	0 45	4 51	0 19	14 3	0 31	12 23	2 37	0 29	0 43	23 20	0 28	6 21	9 22	11 38	12 4	19 27		n.a.
S 23	13 27	15 47	1 31	21 29	2 10	21 46	0 48	5 7	0 19	14 6	0 31	12 25	2 38	0 30	0 43	23 20	0 28	6 21	9 23	11 38	12 2	19 27		n.a.
M24	13 7	17 51	2 29	21 6	2 11	21 34	0 50	5 23	0 20	14 9	0 31	12 27	2 38	0 31	0 43	23 20	0 28	6 20	9 23	11 38	12 1	19 27		n.a.
T 25	12 47	19 7	3 21	20 41	2 13	21 20	0 52	5 39	0 21	14 12	0 30	12 29	2 38	0 31	0 43	23 20	0 28	6 20	9 23	11 38	12 0	19 27		n.a.
W26	12 26	19 33	4 3	20 15	2 13	21 6	0 54	5 55	0 21	14 14	0 30	12 30	2 38	0 32	0 43	23 20	0 28	6 20	9 23	11 37	11 59	19 27		n.a.
T 27	12 6	19 8	4 36	19 47	2 13	20 52	0 56	6 11	0 22	14 17	0 30	12 32	2 38	0 33	0 43	23 20	0 28	6 20	9 23	11 35	11 58	19 28		n.a.
F 28	11 45	17 50	4 57	19 17	2 13	20 37	0 58	6 27	0 23	14 20	0 30	12 34	2 38	0 34	0 43	23 20	0 28	6 19	9 24	11 32	11 57	19 28		n.a.
S 29	11s24	15s42	5n 4	18s45	2s12	20s21	1s 0	6n43	0n23	14n23	0s30	12n36	2n38	0n35	0n43	23s20	0n28	6s19	9n24	11s28	11s56	19s28		n.a.

Julian Day Number = 1368987.5, Delta T = 06h52m20s
Ecliptic obliquity = 23°48'29, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°23'50, Lahiri = -17°16'49 Julian Calendar 1 Feb. 965 BCE == Greg. Calendar 23 Jan. 965 BCE

The year -964 astronomical counting style corresponds to year 965 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 965 BCE
geocentric

MARCH 965 BCE (-964) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 58 36	1♓40'17	11♒32	16♒34	5♒58	16♈36	9♉33	4°R 3	0°R10	27♐54	10°R38	29°R21	0♏45	17♐ 5	n.a.	S 1
M 2	10 2 32	2°39'07	24°17	18°22	7°11	17°15	9°42	3♍58	0♎ 7	27°55	10♏38	29♎10	0°42	17°12	n.a.	M 2
T 3	10 6 29	3°37'55	7♓16	20°11	8°24	17°55	9°50	3°53	0° 5	27°56	10°38	29° 1	0°38	17°19	n.a.	T 3
W 4	10 10 25	4°36'40	20°29	22° 1	9°37	18°34	9°59	3°49	0° 3	27°57	10°37	28°53	0°35	17°25	n.a.	W 4
T 5	10 14 22	5°35'23	3♈54	23°54	10°51	19°13	10° 8	3°44	0° 1	27°58	10°37	28°48	0°32	17°32	n.a.	T 5
F 6	10 18 18	6°34'04	17°30	25°47	12° 4	19°52	10°18	3°40	29♍59	28° 0	10°37	28°46	0°29	17°39	n.a.	F 6
S 7	10 22 15	7°32'43	1♉15	27°42	13°17	20°31	10°27	3°35	29°56	28° 1	10°36	28°D45	0°26	17°45	n.a.	S 7
S 8	10 26 11	8°31'20	15° 8	29°39	14°30	21°11	10°36	3°30	29°54	28° 2	10°36	28°46	0°22	17°52	n.a.	S 8
M 9	10 30 8	9°29'54	29° 9	1♓37	15°44	21°50	10°46	3°26	29°52	28° 3	10°35	28°47	0°19	17°59	n.a.	M 9
T 10	10 34 4	10°28'26	13♊16	3°36	16°57	22°29	10°55	3°21	29°49	28° 4	10°35	28°R47	0°16	18° 5	n.a.	T 10
W11	10 38 1	11°26'55	27°29	5°37	18°10	23° 8	11° 5	3°17	29°47	28° 5	10°34	28°46	0°13	18°12	n.a.	W11
T 12	10 41 58	12°25'23	11♋45	7°39	19°23	23°47	11°15	3°12	29°45	28° 6	10°33	28°43	0°10	18°19	n.a.	T 12
F 13	10 45 54	13°23'48	26° 1	9°43	20°36	24°26	11°25	3° 8	29°42	28° 7	10°33	28°38	0° 7	18°25	n.a.	F 13
S 14	10 49 51	14°22'10	10♌13	11°47	21°50	25° 5	11°35	3° 3	29°40	28° 7	10°32	28°32	0° 3	18°32	n.a.	S 14
S 15	10 53 47	15°20'31	24°18	13°53	23° 3	25°44	11°45	2°59	29°37	28° 8	10°31	28°25	0° 0	18°39	n.a.	S 15
M16	10 57 44	16°18'49	8♍ 9	16° 0	24°16	26°23	11°55	2°55	29°35	28° 9	10°31	28°18	29♎57	18°46	n.a.	M16
T 17	11 1 40	17°17'05	21°45	18° 7	25°29	27° 2	12° 6	2°50	29°33	28°10	10°30	28°12	29°54	18°52	n.a.	T 17
W18	11 5 37	18°15'20	5♎ 1	20°15	26°43	27°41	12°16	2°46	29°30	28°11	10°29	28° 8	29°51	18°59	n.a.	W18
T 19	11 9 33	19°13'32	17°58	22°23	27°56	28°20	12°27	2°42	29°28	28°11	10°28	28° 6	29°48	19° 6	n.a.	T 19
F 20	11 13 30	20°11'43	0♏35	24°31	29° 9	28°59	12°37	2°37	29°25	28°12	10°27	28°D 6	29°44	19°12	n.a.	F 20
S 21	11 17 26	21° 9'52	12°55	26°39	0♓22	29°38	12°48	2°33	29°23	28°13	10°27	28° 6	29°41	19°19	n.a.	S 21
S 22	11 21 23	22° 8'00	25° 2	28°47	1°35	0♉17	12°59	2°29	29°20	28°13	10°26	28° 8	29°38	19°26	n.a.	S 22
M23	11 25 20	23° 6'06	6♐58	0♈54	2°49	0°56	13° 9	2°25	29°18	28°14	10°25	28°10	29°35	19°32	n.a.	M23
T 24	11 29 16	24° 4'10	18°50	3° 0	4° 2	1°34	13°20	2°21	29°15	28°14	10°24	28°R11	29°32	19°39	n.a.	T 24
W25	11 33 13	25° 2'13	0♑42	5° 4	5°15	2°13	13°31	2°17	29°13	28°15	10°23	28°11	29°28	19°46	n.a.	W25
T 26	11 37 9	26° 0'15	12°39	7° 7	6°29	2°52	13°43	2°12	29°10	28°15	10°22	28° 9	29°25	19°52	n.a.	T 26
F 27	11 41 6	26°58'14	24°46	9° 8	7°42	3°31	13°54	2° 9	29° 7	28°16	10°21	28° 7	29°22	19°59	n.a.	F 27
S 28	11 45 2	27°56'13	7♒ 5	11° 6	8°55	4°10	14° 5	2° 5	29° 5	28°16	10°20	28° 3	29°19	20° 6	n.a.	S 28
S 29	11 48 59	28°54'10	19°42	13° 2	10° 8	4°48	14°16	2° 1	29° 2	28°17	10°19	27°58	29°16	20°13	n.a.	S 29
M30	11 52 55	29°52'05	2♓37	14°56	11°22	5°27	14°28	1°57	29° 0	28°17	10°18	27°54	29°13	20°19	n.a.	M30
T 31	11 56 52	0♈49'58	15♓51	16♈46	12♓35	6♉ 6	14♉39	1♍53	28♍57	28♐17	10♏16	27♎49	29♎ 9	20♐26	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	11s 3	12s49	4n58	18s12	2s11	20s 5	1s 2	6n59	0n24	14n26	0s29	12n37	2n38	0n36	0n43	23s20	0n28	6s19	9n24	11s25	11s55	19s28			n.a.
M 2	10 41	9 18	4 36	17 36	2 9	19 48	1 4	7 15	0 24	14 29	0 29	12 39	2 38	0 36	0 43	23 20	0 28	6 19	9 24	11 21	11 53	19 28			n.a.
T 3	10 20	5 16	4 0	16 59	2 7	19 30	1 6	7 31	0 25	14 32	0 29	12 41	2 38	0 37	0 43	23 20	0 28	6 18	9 24	11 17	11 52	19 28			n.a.
W 4	9 58	0 55	3 10	16 20	2 4	19 12	1 8	7 47	0 26	14 35	0 29	12 43	2 38	0 38	0 43	23 20	0 28	6 18	9 25	11 15	11 51	19 28			n.a.
T 5	9 36	3n33	2 9	15 39	2 1	18 54	1 9	8 2	0 26	14 38	0 29	12 44	2 38	0 39	0 43	23 20	0 28	6 18	9 25	11 13	11 50	19 28			n.a.
F 6	9 14	7 54	1 0	14 57	1 57	18 34	1 11	8 18	0 27	14 41	0 28	12 46	2 38	0 40	0 43	23 20	0 28	6 17	9 25	11 12	11 49	19 28			n.a.
S 7	8 52	11 53	0s13	14 13	1 52	18 15	1 13	8 33	0 27	14 44	0 28	12 48	2 38	0 41	0 43	23 20	0 28	6 17	9 25	11 12	11 48	19 28			n.a.
S 8	8 30	15 14	1 27	13 27	1 47	17 55	1 14	8 49	0 28	14 47	0 28	12 50	2 38	0 42	0 43	23 20	0 28	6 17	9 25	11 12	11 47	19 28			n.a.
M 9	8 8	17 44	2 36	12 39	1 42	17 34	1 16	9 4	0 29	14 51	0 28	12 51	2 38	0 43	0 43	23 20	0 28	6 16	9 26	11 12	11 46	19 28			n.a.
T 10	7 45	19 10	3 37	11 49	1 36	17 13	1 17	9 20	0 29	14 54	0 28	12 53	2 38	0 44	0 43	23 20	0 28	6 16	9 26	11 13	11 44	19 28			n.a.
W11	7 23	19 23	4 24	10 58	1 29	16 52	1 18	9 35	0 30	14 57	0 28	12 55	2 38	0 45	0 43	23 20	0 28	6 16	9 26	11 12	11 43	19 28			n.a.
T 12	7 0	18 23	4 55	10 6	1 22	16 30	1 20	9 50	0 30	15 0	0 27	12 56	2 38	0 46	0 43	23 20	0 28	6 15	9 26	11 11	11 42	19 28			n.a.
F 13	6 37	16 14	5 8	9 11	1 14	16 7	1 21	10 5	0 31	15 4	0 27	12 58	2 38	0 47	0 43	23 20	0 28	6 15	9 26	11 9	11 41	19 28			n.a.
S 14	6 15	13 6	5 2	8 16	1 6	15 44	1 22	10 20	0 31	15 7	0 27	13 0	2 38	0 48	0 43	23 20	0 28	6 15	9 26	11 7	11 40	19 28			n.a.
S 15	5 52	9 16	4 38	7 19	0 57	15 21	1 23	10 35	0 32	15 10	0 27	13 1	2 38	0 49	0 43	23 20	0 28	6 14	9 27	11 4	11 39	19 28			n.a.
M16	5 29	4 58	3 57	6 21	0 48	14 57	1 24	10 50	0 32	15 13	0 27	13 3	2 38	0 50	0 43	23 20	0 28	6 14	9 27	11 2	11 38	19 28			n.a.
T 17	5 6	0 30	3 4	5 22	0 39	14 33	1 25	11 5	0 33	15 17	0 26	13 4	2 38	0 51	0 43	23 20	0 28	6 13	9 27	11 0	11 36	19 28			n.a.
W18	4 43	3s53	2 2	4 22	0 29	14 9	1 26	11 20	0 33	15 20	0 26	13 6	2 38	0 52	0 43	23 20	0 28	6 13	9 27	10 58	11 35	19 28			n.a.
T 19	4 20	8 0	0 55	3 21	0 19	13 44	1 27	11 34	0 34	15 24	0 26	13 8	2 38	0 53	0 43	23 20	0 28	6 13	9 27	10 58	11 34	19 28			n.a.
F 20	3 57	11 38	0n14	2 20	0 8	13 18	1 27	11 49	0 34	15 27	0 26	13 9	2 38	0 54	0 43	23 20	0 28	6 12	9 27	10 57	11 33	19 28			n.a.
S 21	3 33	14 41	1 20	1 19	0n 3	12 53	1 28	12 3	0 35	15 31	0 26	13 11	2 38	0 55	0 43	23 20	0 28	6 12	9 28	10 58	11 32	19 28			n.a.
S 22	3 10	17 2	2 22	0 17	0 13	12 27	1 29	12 18	0 35	15 34	0 26	13 12	2 38	0 56	0 43	23 20	0 28	6 11	9 28	10 58	11 31	19 27			n.a.
M23	2 47	18 35	3 16	0n44	0 24	12 1	1 29	12 32	0 36	15 38	0 25	13 14	2 38	0 57	0 43	23 20	0 28	6 11	9 28	10 59	11 30	19 27			n.a.
T 24	2 23	19 19	4 2	1 45	0 35	11 34	1 29	12 46	0 36	15 41	0 25	13 15	2 38	0 58	0 43	23 20	0 28	6 11	9 28	10 59	11 29	19 27			n.a.
W25	2 0	19 11	4 38	2 45	0 46	11 7	1 30	13 0	0 37	15 45	0 25	13 16	2 38	0 59	0 43	23 20	0 28	6 10	9 28	10 59	11 27	19 27			n.a.
T 26	1 37	18 12	5 1	3 44	0 57	10 40	1 30	13 14	0 37	15 48	0 25	13 18	2 38	1 0	0 43	23 20	0 28	6 10	9 28	10 59	11 26	19 27			n.a.
F 27	1 13	16 23	5 12	4 42	1 7	10 12	1 30	13 28	0 38	15 52	0 25	13 19	2 38	1 1	0 43	23 20	0 28	6 9	9 28	10 58	11 25	19 27			n.a.
S 28	0 50	13 48	5 9	5 39	1 18	9 45	1 31	13 42	0 38	15 55	0 25	13 21	2 38	1 2	0 43	23 20	0 28	6 9	9 28	10 56	11 24	19 27			n.a.
S 29	0 27	10 32	4 51	6 34	1 27	9 17	1 31	13 56	0 39	15 59	0 24	13 22	2 38	1 3	0 43	23 20	0 28	6 8	9 29	10 55	11 23	19 27			n.a.
M30	0 3	6 42	4 17	7 27	1 37	8 48	1 31	14 9	0 39	16 2	0 24	13 23	2 37	1 4	0 43	23 20	0 28	6 8	9 29	10 53	11 22	19 27			n.a.
T 31	0n20	2s27	3n30	8n19	1n46	8s20	1s31	14n23	0n40	16n 6	0s24	13n24	2n37	1n 5	0n43	23s20	0n28	6s 8	9n29	10s52	11s21	19s27			n.a.

Julian Day Number = 1369016.5, Delta T = 06h52m19s
Ecliptic obliquity = 23°48'30, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°23'46, Lahiri = -17°16'45 Julian Calendar 1 March 965 BCE == Greg. Calendar 21 Feb. 965 BCE

The year -964 astronomical counting style corresponds to year 965 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 965 BCE
geocentric

APRIL 965 BCE (-964) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 0 49	1♈47'50	29♓24	18♈34	13♓48	6♉45	14♉51	1°R50	28°R55	28♐18	10°R15	27°R46	29♎ 6	20♐33	n.a.	W 1
T 2	12 4 45	2°45'41	13♈12	20°18	15° 1	7°23	15° 3	1♏46	28♏52	28°18	10♏14	27♎44	29° 3	20°39	n.a.	T 2
F 3	12 8 42	3°43'30	27°14	21°59	16°15	8° 2	15°14	1°42	28°50	28°18	10°13	27°D44	29° 0	20°46	n.a.	F 3
S 4	12 12 38	4°41'17	11♉25	23°37	17°28	8°41	15°26	1°39	28°47	28°18	10°12	27°44	28°57	20°53	n.a.	S 4
S 5	12 16 35	5°39'02	25°42	25°11	18°41	9°19	15°38	1°35	28°45	28°18	10°11	27°45	28°53	20°59	n.a.	S 5
M 6	12 20 31	6°36'46	10♊ 0	26°41	19°55	9°58	15°50	1°32	28°42	28°19	10° 9	27°47	28°50	21° 6	n.a.	M 6
T 7	12 24 28	7°34'28	24°18	28° 8	21° 8	10°37	16° 2	1°29	28°40	28°19	10° 8	27°48	28°47	21°13	n.a.	T 7
W 8	12 28 24	8°32'08	8♋31	29°31	22°21	11°15	16°14	1°26	28°37	28°19	10° 7	27°R48	28°44	21°19	n.a.	W 8
T 9	12 32 21	9°29'47	22°38	0♉50	23°35	11°54	16°26	1°23	28°35	28°R19	10° 5	27°48	28°41	21°26	n.a.	T 9
F 10	12 36 18	10°27'24	6♌37	2° 6	24°48	12°32	16°38	1°20	28°32	28°19	10° 4	27°47	28°38	21°33	n.a.	F 10
S 11	12 40 14	11°24'59	20°26	3°17	26° 1	13°11	16°50	1°17	28°30	28°19	10° 3	27°45	28°34	21°40	n.a.	S 11
S 12	12 44 11	12°22'32	4♍ 4	4°25	27°14	13°49	17° 3	1°14	28°27	28°19	10° 1	27°43	28°31	21°46	n.a.	S 12
M13	12 48 7	13°20'04	17°28	5°29	28°28	14°28	17°15	1°11	28°25	28°18	10° 0	27°41	28°28	21°53	n.a.	M13
T 14	12 52 4	14°17'34	0♎39	6°28	29°41	15° 6	17°27	1° 8	28°22	28°18	9°59	27°39	28°25	22° 0	n.a.	T 14
W15	12 56 0	15°15'03	13°35	7°24	0♈54	15°45	17°40	1° 5	28°20	28°18	9°57	27°38	28°22	22° 6	n.a.	W15
T 16	12 59 57	16°12'31	26°16	8°15	2° 8	16°23	17°52	1° 3	28°18	28°18	9°56	27°D38	28°19	22°13	n.a.	T 16
F 17	13 3 53	17° 9'57	8♏42	9° 2	3°21	17° 2	18° 5	1° 0	28°15	28°18	9°54	27°38	28°15	22°20	n.a.	F 17
S 18	13 7 50	18° 7'23	20°56	9°45	4°34	17°40	18°17	0°58	28°13	28°17	9°53	27°39	28°12	22°26	n.a.	S 18
S 19	13 11 46	19° 4'47	3♐ 0	10°23	5°48	18°19	18°30	0°56	28°11	28°17	9°52	27°39	28° 9	22°33	n.a.	S 19
M20	13 15 43	20° 2'11	14°56	10°57	7° 1	18°57	18°43	0°53	28° 8	28°17	9°50	27°40	28° 6	22°40	n.a.	M20
T 21	13 19 40	20°59'33	26°48	11°26	8°14	19°36	18°55	0°51	28° 6	28°16	9°49	27°41	28° 3	22°46	n.a.	T 21
W22	13 23 36	21°56'55	8♑40	11°51	9°28	20°14	19° 8	0°49	28° 4	28°16	9°47	27°41	27°59	22°53	n.a.	W22
T 23	13 27 33	22°54'16	20°37	12°11	10°41	20°52	19°21	0°47	28° 2	28°16	9°46	27°R42	27°56	23° 0	n.a.	T 23
F 24	13 31 29	23°51'36	2♒44	12°26	11°54	21°31	19°34	0°45	27°59	28°15	9°44	27°42	27°53	23° 7	n.a.	F 24
S 25	13 35 26	24°48'56	15° 3	12°37	13° 8	22° 9	19°47	0°44	27°57	28°15	9°43	27°41	27°50	23°13	n.a.	S 25
S 26	13 39 22	25°46'15	27°41	12°43	14°21	22°47	20° 0	0°42	27°55	28°14	9°41	27°41	27°47	23°20	n.a.	S 26
M27	13 43 19	26°43'33	10♓39	12°R45	15°35	23°26	20°13	0°40	27°53	28°14	9°40	27°41	27°44	23°27	n.a.	M27
T 28	13 47 15	27°40'50	24° 1	12°42	16°48	24° 4	20°26	0°39	27°51	28°13	9°38	27°D41	27°40	23°33	n.a.	T 28
W29	13 51 12	28°38'06	7♈45	12°35	18° 1	24°42	20°39	0°37	27°49	28°13	9°36	27°41	27°37	23°40	n.a.	W29
T 30	13 55 9	29♈35'22	21♈51	12♉23	19♈15	25♉21	20♉52	0♏36	27♏47	28♐12	9♏35	27°R41	27♎34	23♐47	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n44	2n 2	2n29	9n 8	1n54	7s51	1s31	14n36	0n40	16n 9	0s24	13n26	2n37	1n 6	0n43	23s20	0n28	6s 7	9n29	10s50	11s19	19s27		n.a.
T 2	1 7	6 30	1 19	9 55	2 2	7 22	1 30	14 50	0 41	16 13	0 24	13 27	2 37	1 7	0 43	23 20	0 28	6 7	9 29	10 50	11 18	19 27		n.a.
F 3	1 30	10 41	0 3	10 41	2 9	6 53	1 30	15 3	0 41	16 17	0 24	13 28	2 37	1 8	0 43	23 20	0 28	6 6	9 29	10 50	11 17	19 27		n.a.
S 4	1 53	14 18	1s15	11 24	2 15	6 24	1 30	15 16	0 42	16 20	0 24	13 29	2 37	1 9	0 43	23 20	0 28	6 6	9 29	10 50	11 16	19 27		n.a.
S 5	2 17	17 5	2 28	12 4	2 21	5 55	1 30	15 29	0 42	16 24	0 23	13 30	2 37	1 10	0 43	23 20	0 28	6 5	9 29	10 50	11 15	19 27		n.a.
M 6	2 40	18 48	3 32	12 42	2 26	5 25	1 29	15 42	0 42	16 28	0 23	13 32	2 37	1 11	0 43	23 20	0 28	6 5	9 29	10 51	11 14	19 26		n.a.
T 7	3 3	19 18	4 23	13 18	2 30	4 55	1 29	15 55	0 43	16 31	0 23	13 33	2 37	1 12	0 43	23 20	0 28	6 4	9 29	10 51	11 13	19 26		n.a.
W 8	3 26	18 35	4 58	13 51	2 33	4 26	1 28	16 7	0 43	16 35	0 23	13 34	2 36	1 13	0 43	23 20	0 28	6 4	9 30	10 51	11 11	19 26		n.a.
T 9	3 49	16 43	5 14	14 22	2 36	3 56	1 28	16 20	0 44	16 39	0 23	13 35	2 36	1 14	0 43	23 20	0 28	6 3	9 30	10 51	11 10	19 26		n.a.
F 10	4 12	13 53	5 12	14 51	2 38	3 25	1 27	16 32	0 44	16 42	0 23	13 36	2 36	1 15	0 43	23 20	0 28	6 3	9 30	10 51	11 9	19 26		n.a.
S 11	4 35	10 18	4 51	15 17	2 38	2 55	1 26	16 45	0 45	16 46	0 23	13 37	2 36	1 16	0 43	23 20	0 28	6 2	9 30	10 50	11 8	19 26		n.a.
S 12	4 58	6 13	4 14	15 40	2 38	2 25	1 25	16 57	0 45	16 50	0 22	13 37	2 36	1 17	0 43	23 20	0 28	6 2	9 30	10 49	11 7	19 26		n.a.
M13	5 21	1 54	3 24	16 1	2 37	1 55	1 24	17 9	0 45	16 53	0 22	13 38	2 36	1 18	0 43	23 20	0 28	6 2	9 30	10 48	11 6	19 26		n.a.
T 14	5 43	2s27	2 24	16 20	2 36	1 24	1 24	17 21	0 46	16 57	0 22	13 39	2 36	1 19	0 43	23 20	0 28	6 1	9 30	10 48	11 4	19 26		n.a.
W15	6 6	6 37	1 17	16 36	2 33	0 54	1 23	17 33	0 46	17 1	0 22	13 40	2 35	1 20	0 43	23 20	0 28	6 1	9 30	10 48	11 3	19 25		n.a.
T 16	6 28	10 24	0 8	16 49	2 29	0 23	1 22	17 44	0 47	17 4	0 22	13 41	2 35	1 21	0 43	23 20	0 28	6 0	9 30	10 47	11 2	19 25		n.a.
F 17	6 51	13 40	1n 1	17 0	2 24	0n 7	1 20	17 56	0 47	17 8	0 22	13 42	2 35	1 22	0 43	23 20	0 28	6 0	9 30	10 47	11 1	19 25		n.a.
S 18	7 13	16 15	2 6	17 9	2 19	0 38	1 19	18 7	0 47	17 12	0 22	13 42	2 35	1 23	0 43	23 20	0 28	5 59	9 30	10 48	11 0	19 25		n.a.
S 19	7 35	18 5	3 4	17 15	2 12	1 9	1 18	18 19	0 48	17 15	0 21	13 43	2 35	1 24	0 43	23 20	0 28	5 59	9 30	10 48	10 59	19 25		n.a.
M20	7 57	19 5	3 53	17 19	2 5	1 39	1 17	18 30	0 48	17 19	0 21	13 44	2 35	1 24	0 43	23 20	0 28	5 58	9 30	10 48	10 58	19 25		n.a.
T 21	8 19	19 14	4 32	17 20	1 56	2 10	1 16	18 41	0 49	17 23	0 21	13 44	2 34	1 25	0 43	23 20	0 28	5 58	9 30	10 49	10 56	19 25		n.a.
W22	8 41	18 32	5 0	17 19	1 47	2 40	1 14	18 52	0 49	17 26	0 21	13 45	2 34	1 26	0 43	23 20	0 28	5 57	9 30	10 49	10 55	19 24		n.a.
T 23	9 2	17 1	5 15	17 16	1 37	3 11	1 13	19 2	0 49	17 30	0 21	13 45	2 34	1 27	0 43	23 20	0 28	5 57	9 30	10 49	10 54	19 24		n.a.
F 24	9 24	14 43	5 16	17 10	1 25	3 41	1 11	19 13	0 50	17 34	0 21	13 46	2 34	1 28	0 43	23 20	0 28	5 56	9 30	10 49	10 53	19 24		n.a.
S 25	9 45	11 45	5 3	17 2	1 13	4 12	1 10	19 24	0 50	17 37	0 21	13 46	2 34	1 29	0 43	23 20	0 28	5 56	9 30	10 49	10 52	19 24		n.a.
S 26	10 6	8 10	4 35	16 51	1 0	4 42	1 8	19 34	0 50	17 41	0 21	13 47	2 33	1 30	0 43	23 20	0 28	5 56	9 30	10 49	10 51	19 24		n.a.
M27	10 28	4 6	3 52	16 39	0 47	5 12	1 7	19 44	0 51	17 45	0 20	13 47	2 33	1 31	0 43	23 20	0 28	5 55	9 30	10 49	10 49	19 24		n.a.
T 28	10 48	0n17	2 56	16 24	0 32	5 42	1 5	19 54	0 51	17 48	0 20	13 48	2 33	1 31	0 43	23 20	0 28	5 55	9 30	10 49	10 48	19 23		n.a.
W29	11 9	4 47	1 48	16 7	0 17	6 12	1 3	20 4	0 51	17 52	0 20	13 48	2 33	1 32	0 43	23 20	0 28	5 54	9 30	10 49	10 47	19 23		n.a.
T 30	11n30	9n 8	0n32	15n49	0n 1	6n42	1s 2	20n14	0n52	17n55	0s20	13n48	2n33	1n33	0n43	23s20	0n28	5s54	9n30	10s49	10s46	19s23		n.a.

Julian Day Number = 1369047.5, Delta T = 06h52m17s
Ecliptic obliquity = 23°48'30, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°23'42, Lahiri = -17°16'41 Julian Calendar 1 Apr. 965 BCE == Greg. Calendar 23 March 965 BCE

The year -964 astronomical counting style corresponds to year 965 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 965 BCE
geocentric

MAY 965 BCE (-964) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 59 5	0♉32'37	6♉15	12°R 8	20♈28	25♉59	21♉ 5	0°R35	27°R45	28°R11	9°R33	27°R41	27♎31	23♐53	n.a.	F 1
S 2	14 3 2	1°29'52	20°52	11♉49	21°42	26°37	21°18	0♍34	27♍43	28♐11	9♏32	27♎41	27°28	24° 0	n.a.	S 2
S 3	14 6 58	2°27'06	5♊35	11°26	22°55	27°16	21°31	0°33	27°41	28°10	9°30	27°40	27°25	24° 7	n.a.	S 3
M 4	14 10 55	3°24'18	20°18	11° 0	24° 9	27°54	21°44	0°32	27°39	28° 9	9°29	27°40	27°21	24°14	n.a.	M 4
T 5	14 14 51	4°21'30	4♋54	10°32	25°22	28°32	21°58	0°31	27°37	28° 8	9°27	27°39	27°18	24°20	n.a.	T 5
W 6	14 18 48	5°18'41	19°18	10° 1	26°35	29°10	22°11	0°30	27°35	28° 8	9°25	27°39	27°15	24°27	n.a.	W 6
T 7	14 22 45	6°15'51	3♌28	9°29	27°49	29°49	22°24	0°29	27°33	28° 7	9°24	27°D38	27°12	24°34	n.a.	T 7
F 8	14 26 41	7°13'00	17°20	8°56	29° 2	0♊27	22°37	0°29	27°32	28° 6	9°22	27°39	27° 9	24°40	n.a.	F 8
S 9	14 30 38	8°10'08	0♍55	8°22	0♉16	1° 5	22°51	0°29	27°30	28° 5	9°21	27°39	27° 5	24°47	n.a.	S 9
S 10	14 34 34	9° 7'16	14°14	7°48	1°29	1°43	23° 4	0°28	27°28	28° 4	9°19	27°40	27° 2	24°54	n.a.	S 10
M11	14 38 31	10° 4'23	27°16	7°15	2°43	2°22	23°18	0°28	27°27	28° 3	9°17	27°41	26°59	25° 0	n.a.	M11
T 12	14 42 27	11° 1'29	10♎ 4	6°43	3°56	3° 0	23°31	0°28	27°25	28° 2	9°16	27°42	26°56	25° 7	n.a.	T 12
W13	14 46 24	11°58'34	22°40	6°12	5°10	3°38	23°44	0°D28	27°23	28° 1	9°14	27°R43	26°53	25°14	n.a.	W13
T 14	14 50 20	12°55'39	5♏ 3	5°44	6°23	4°16	23°58	0°28	27°22	28° 0	9°13	27°42	26°50	25°21	n.a.	T 14
F 15	14 54 17	13°52'44	17°17	5°19	7°37	4°54	24°11	0°28	27°20	27°59	9°11	27°42	26°46	25°27	n.a.	F 15
S 16	14 58 14	14°49'48	29°22	4°57	8°50	5°32	24°25	0°28	27°19	27°58	9° 9	27°40	26°43	25°34	n.a.	S 16
S 17	15 2 10	15°46'53	11♐20	4°38	10° 4	6°11	24°38	0°28	27°17	27°57	9° 8	27°38	26°40	25°41	n.a.	S 17
M18	15 6 7	16°43'57	23°14	4°23	11°17	6°49	24°51	0°29	27°16	27°56	9° 6	27°35	26°37	25°47	n.a.	M18
T 19	15 10 3	17°41'01	5♑ 5	4°12	12°31	7°27	25° 5	0°29	27°15	27°55	9° 5	27°32	26°34	25°54	n.a.	T 19
W20	15 14 0	18°38'05	16°58	4° 6	13°45	8° 5	25°18	0°30	27°14	27°54	9° 3	27°29	26°30	26° 1	n.a.	W20
T 21	15 17 56	19°35'09	28°54	4°D 5	14°58	8°43	25°32	0°31	27°12	27°52	9° 2	27°27	26°27	26° 8	n.a.	T 21
F 22	15 21 53	20°32'14	10♒59	4° 8	16°12	9°21	25°45	0°32	27°11	27°51	9° 0	27°25	26°24	26°14	n.a.	F 22
S 23	15 25 49	21°29'18	23°17	4°15	17°25	9°59	25°59	0°33	27°10	27°50	8°59	27°D25	26°21	26°21	n.a.	S 23
S 24	15 29 46	22°26'23	5♓52	4°28	18°39	10°38	26°13	0°34	27° 9	27°49	8°57	27°25	26°18	26°28	n.a.	S 24
M25	15 33 43	23°23'28	18°47	4°46	19°53	11°16	26°26	0°35	27° 8	27°48	8°55	27°27	26°15	26°34	n.a.	M25
T 26	15 37 39	24°20'33	2♈ 7	5° 8	21° 6	11°54	26°40	0°36	27° 7	27°46	8°54	27°28	26°11	26°41	n.a.	T 26
W27	15 41 36	25°17'39	15°53	5°36	22°20	12°32	26°53	0°37	27° 6	27°45	8°52	27°29	26° 8	26°48	n.a.	W27
T 28	15 45 32	26°14'45	0♉ 5	6° 8	23°34	13°10	27° 7	0°39	27° 5	27°44	8°51	27°R30	26° 5	26°54	n.a.	T 28
F 29	15 49 29	27°11'51	14°41	6°45	24°47	13°48	27°20	0°40	27° 4	27°42	8°49	27°29	26° 2	27° 1	n.a.	F 29
S 30	15 53 25	28° 8'57	29°35	7°27	26° 1	14°26	27°34	0°42	27° 3	27°41	8°48	27°27	25°59	27° 8	n.a.	S 30
S 31	15 57 22	29♉ 6'04	14♊40	8♉13	27♉15	15♊ 4	27♉47	0♍44	27♍ 3	27♐40	8♏46	27♎23	25♎56	27♐15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n50	13n 4	0s47	15n28	0s15	7n12	1s 0	20n23	0n52	17n59	0s20	13n48	2n32	1n34	0n43	23s20	0n28	5s53	9n30	10s49	10s45	19s23		n.a.
S 2	12 11	16 14	2 5	15 7	0 32	7 41	0 58	20 33	0 52	18 3	0 20	13 49	2 32	1 35	0 43	23 20	0 28	5 53	9 30	10 48	10 44	19 23		n.a.
S 3	12 31	18 22	3 15	14 44	0 48	8 11	0 56	20 42	0 53	18 6	0 20	13 49	2 32	1 35	0 43	23 20	0 28	5 52	9 30	10 48	10 43	19 22		n.a.
M 4	12 50	19 15	4 12	14 19	1 5	8 40	0 54	20 51	0 53	18 10	0 20	13 49	2 32	1 36	0 43	23 20	0 28	5 52	9 30	10 48	10 41	19 22		n.a.
T 5	13 10	18 51	4 52	13 54	1 22	9 9	0 52	21 1	0 53	18 14	0 19	13 49	2 32	1 37	0 43	23 20	0 28	5 52	9 30	10 48	10 40	19 22		n.a.
W 6	13 30	17 13	5 14	13 29	1 39	9 38	0 50	21 9	0 54	18 17	0 19	13 49	2 31	1 37	0 43	23 20	0 28	5 51	9 30	10 48	10 39	19 22		n.a.
T 7	13 49	14 34	5 15	13 3	1 55	10 7	0 48	21 18	0 54	18 21	0 19	13 49	2 31	1 38	0 43	23 20	0 28	5 51	9 29	10 48	10 38	19 22		n.a.
F 8	14 8	11 8	4 59	12 37	2 11	10 35	0 46	21 27	0 54	18 24	0 19	13 49	2 31	1 39	0 43	23 20	0 28	5 50	9 29	10 48	10 37	19 21		n.a.
S 9	14 27	7 11	4 25	12 12	2 27	11 3	0 44	21 35	0 55	18 28	0 19	13 49	2 31	1 39	0 43	23 20	0 28	5 50	9 29	10 48	10 36	19 21		n.a.
S 10	14 45	2 57	3 38	11 47	2 41	11 31	0 42	21 43	0 55	18 31	0 19	13 49	2 31	1 40	0 42	23 20	0 28	5 49	9 29	10 48	10 34	19 21		n.a.
M11	15 4	1s21	2 41	11 23	2 55	11 59	0 40	21 51	0 55	18 35	0 19	13 49	2 30	1 41	0 42	23 20	0 28	5 49	9 29	10 49	10 33	19 21		n.a.
T 12	15 22	5 31	1 36	11 1	3 7	12 26	0 38	21 59	0 56	18 38	0 19	13 49	2 30	1 41	0 42	23 20	0 28	5 49	9 29	10 49	10 32	19 21		n.a.
W13	15 40	9 23	0 28	10 40	3 19	12 53	0 36	22 7	0 56	18 42	0 19	13 49	2 30	1 42	0 42	23 20	0 28	5 48	9 29	10 49	10 31	19 20		n.a.
T 14	15 57	12 46	0n41	10 21	3 29	13 20	0 33	22 15	0 56	18 45	0 18	13 48	2 30	1 43	0 42	23 20	0 28	5 48	9 29	10 49	10 30	19 20		n.a.
F 15	16 15	15 33	1 46	10 4	3 38	13 46	0 31	22 22	0 57	18 49	0 18	13 48	2 30	1 43	0 42	23 20	0 28	5 48	9 29	10 49	10 29	19 20		n.a.
S 16	16 32	17 37	2 46	9 50	3 46	14 13	0 29	22 29	0 57	18 52	0 18	13 48	2 29	1 44	0 42	23 20	0 28	5 47	9 29	10 48	10 27	19 20		n.a.
S 17	16 49	18 53	3 38	9 37	3 52	14 38	0 27	22 36	0 57	18 56	0 18	13 48	2 29	1 44	0 42	23 20	0 28	5 47	9 28	10 47	10 26	19 19		n.a.
M18	17 6	19 18	4 20	9 28	3 57	15 4	0 24	22 43	0 57	18 59	0 18	13 47	2 29	1 45	0 42	23 20	0 28	5 46	9 28	10 46	10 25	19 19		n.a.
T 19	17 22	18 52	4 51	9 20	4 1	15 29	0 22	22 50	0 58	19 2	0 18	13 47	2 29	1 45	0 42	23 20	0 28	5 46	9 28	10 45	10 24	19 19		n.a.
W20	17 38	17 36	5 9	9 16	4 3	15 54	0 20	22 57	0 58	19 6	0 18	13 46	2 29	1 46	0 42	23 20	0 28	5 46	9 28	10 44	10 23	19 19		n.a.
T 21	17 54	15 34	5 15	9 14	4 5	16 18	0 17	23 3	0 58	19 9	0 18	13 46	2 28	1 46	0 42	23 20	0 28	5 45	9 28	10 43	10 22	19 18		n.a.
F 22	18 10	12 50	5 6	9 15	4 5	16 42	0 15	23 9	0 58	19 13	0 18	13 45	2 28	1 47	0 42	23 20	0 28	5 45	9 28	10 43	10 20	19 18		n.a.
S 23	18 25	9 31	4 43	9 19	4 3	17 5	0 13	23 16	0 59	19 16	0 17	13 45	2 28	1 47	0 42	23 20	0 28	5 45	9 27	10 43	10 19	19 18		n.a.
S 24	18 40	5 41	4 7	9 26	4 1	17 29	0 10	23 21	0 59	19 19	0 17	13 44	2 28	1 47	0 42	23 20	0 28	5 44	9 27	10 43	10 18	19 18		n.a.
M25	18 54	1 30	3 17	9 35	3 57	17 51	0 8	23 27	0 59	19 23	0 17	13 44	2 27	1 48	0 42	23 20	0 28	5 44	9 27	10 43	10 17	19 17		n.a.
T 26	19 9	2n55	2 15	9 47	3 53	18 13	0 6	23 33	1 0	19 26	0 17	13 43	2 27	1 48	0 42	23 20	0 28	5 44	9 27	10 44	10 16	19 17		n.a.
W27	19 23	7 19	1 3	10 1	3 48	18 35	0 3	23 38	1 0	19 29	0 17	13 42	2 27	1 49	0 42	23 20	0 28	5 44	9 27	10 44	10 15	19 17		n.a.
T 28	19 37	11 27	0s14	10 18	3 41	18 56	0 1	23 43	1 0	19 32	0 17	13 42	2 27	1 49	0 42	23 20	0 28	5 43	9 27	10 44	10 13	19 17		n.a.
F 29	19 50	15 1	1 33	10 36	3 34	19 17	0n 2	23 48	1 0	19 36	0 17	13 41	2 27	1 49	0 42	23 20	0 28	5 43	9 26	10 44	10 12	19 16		n.a.
S 30	20 3	17 40	2 47	10 58	3 26	19 37	0 4	23 53	1 0	19 39	0 17	13 40	2 26	1 50	0 42	23 20	0 28	5 43	9 26	10 43	10 11	19 16		n.a.
S 31	20n16	19n 7	3s50	11n21	3s18	19n57	0n 6	23n58	1n 1	19n42	0s17	13n39	2n26	1n50	0n42	23s20	0n28	5s42	9n26	10s42	10s10	19s16		n.a.

Julian Day Number = 1369077.5, Delta T = 06h52m16s
Ecliptic obliquity = 23°48'30, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°23'38, Lahiri = -17°16'37 Julian Calendar 1 May 965 BCE == Greg. Calendar 22 Apr. 965 BCE

The year -964 astronomical counting style corresponds to year 965 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 965 BCE
geocentric

JUNE 965 BCE (-964) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 1 19	0♊ 3'11	29♊45	9♉ 5	28♉29	15♊42	28♉ 1	0♍45	27°R 2	27°R38	8°R45	27°R19	25♎52	27♐21	n.a.	M 1
T 2	16 5 15	1° 0'18	14♋42	10° 0	29°42	16°21	28°14	0°47	27♍ 1	27♐37	8♏44	27♎14	25°49	27°28	n.a.	T 2
W 3	16 9 12	1°57'25	29°23	11° 1	0♊56	16°59	28°28	0°49	27° 1	27°35	8°42	27°10	25°46	27°35	n.a.	W 3
T 4	16 13 8	2°54'32	13♌43	12° 6	2°10	17°37	28°41	0°51	27° 0	27°34	8°41	27° 7	25°43	27°41	n.a.	T 4
F 5	16 17 5	3°51'40	27°38	13°15	3°24	18°15	28°55	0°53	27° 0	27°33	8°39	27°D 6	25°40	27°48	n.a.	F 5
S 6	16 21 1	4°48'47	11♍10	14°29	4°38	18°53	29° 8	0°56	26°59	27°31	8°38	27° 6	25°36	27°55	n.a.	S 6
S 7	16 24 58	5°45'54	24°18	15°47	5°51	19°31	29°22	0°58	26°59	27°30	8°36	27° 7	25°33	28° 2	n.a.	S 7
M 8	16 28 54	6°43'02	7♎ 7	17° 9	7° 5	20° 9	29°35	1° 1	26°58	27°28	8°35	27° 8	25°30	28° 8	n.a.	M 8
T 9	16 32 51	7°40'10	19°40	18°35	8°19	20°47	29°49	1° 3	26°58	27°27	8°34	27° 9	25°27	28°15	n.a.	T 9
W10	16 36 48	8°37'18	2♏ 0	20° 6	9°33	21°25	0♊ 2	1° 6	26°58	27°25	8°32	27°R10	25°24	28°22	n.a.	W10
T 11	16 40 44	9°34'27	14°10	21°40	10°47	22° 3	0°16	1° 8	26°58	27°24	8°31	27° 8	25°21	28°28	n.a.	T 11
F 12	16 44 41	10°31'36	26°12	23°18	12° 0	22°41	0°29	1°11	26°57	27°22	8°30	27° 5	25°17	28°35	n.a.	F 12
S 13	16 48 37	11°28'46	8♐ 9	25° 0	13°14	23°20	0°42	1°14	26°57	27°21	8°29	26°59	25°14	28°42	n.a.	S 13
S 14	16 52 34	12°25'56	20° 3	26°45	14°28	23°58	0°56	1°17	26°D57	27°19	8°27	26°52	25°11	28°48	n.a.	S 14
M15	16 56 30	13°23'07	1♑55	28°34	15°42	24°36	1° 9	1°20	26°57	27°17	8°26	26°44	25° 8	28°55	n.a.	M15
T 16	17 0 27	14°20'19	13°47	0♒26	16°56	25°14	1°23	1°23	26°57	27°16	8°25	26°35	25° 5	29° 2	n.a.	T 16
W17	17 4 23	15°17'32	25°41	2°20	18°10	25°52	1°36	1°27	26°57	27°14	8°24	26°26	25° 2	29° 9	n.a.	W17
T 18	17 8 20	16°14'46	7♓39	4°17	19°24	26°30	1°49	1°30	26°58	27°13	8°23	26°19	24°58	29°15	n.a.	T 18
F 19	17 12 17	17°12'01	19°45	6°16	20°38	27° 8	2° 2	1°33	26°58	27°11	8°21	26°14	24°55	29°22	n.a.	F 19
S 20	17 16 13	18° 9'17	2♈ 2	8°17	21°52	27°46	2°16	1°37	26°58	27° 9	8°20	26°10	24°52	29°29	n.a.	S 20
S 21	17 20 10	19° 6'34	14°33	10°20	23° 6	28°24	2°29	1°40	26°58	27° 8	8°19	26°D 9	24°49	29°35	n.a.	S 21
M22	17 24 6	20° 3'53	27°24	12°24	24°20	29° 2	2°42	1°44	26°59	27° 6	8°18	26° 9	24°46	29°42	n.a.	M22
T 23	17 28 3	21° 1'12	10♈38	14°28	25°34	29°40	2°55	1°48	26°59	27° 5	8°17	26°10	24°42	29°49	n.a.	T 23
W24	17 31 59	21°58'33	24°18	16°34	26°48	0♋19	3° 8	1°52	27° 0	27° 3	8°16	26°R10	24°39	29°56	n.a.	W24
T 25	17 35 56	22°55'55	8♉25	18°39	28° 2	0°57	3°22	1°56	27° 0	27° 1	8°15	26°10	24°36	0♑ 2	n.a.	T 25
F 26	17 39 52	23°53'19	23° 0	20°45	29°16	1°35	3°35	1°59	27° 1	27° 0	8°14	26° 7	24°33	0° 9	n.a.	F 26
S 27	17 43 49	24°50'44	7♊57	22°51	0♋30	2°13	3°48	2° 4	27° 1	26°58	8°13	26° 2	24°30	0°16	n.a.	S 27
S 28	17 47 46	25°48'10	23°10	24°55	1°44	2°51	4° 1	2° 8	27° 2	26°56	8°12	25°55	24°27	0°22	n.a.	S 28
M29	17 51 42	26°45'37	8♋28	27° 0	2°58	3°29	4°14	2°12	27° 3	26°55	8°11	25°47	24°23	0°29	n.a.	M29
T 30	17 55 39	27♊43'05	23♋40	29♊ 3	4♋12	4♋ 7	4♊27	2♍16	27♍ 4	26♐53	8♏10	25♎38	24♎20	0♑36	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n28	19n12	4s37	11n46	3s 8	20n16	0n 9	24n 2	1n 1	19n45	0s16	13n39	2n26	1n50	0n42	23s20	0n28	5s42	9n26	10s40	10s 9	19s15		n.a.
T 2	20 41	17 56	5 4	12 13	2 58	20 35	0 11	24 7	1 1	19 48	0 16	13 38	2 26	1 50	0 42	23 20	0 28	5 42	9 26	10 39	10 8	19 15		n.a.
W 3	20 52	15 31	5 11	12 42	2 48	20 53	0 13	24 11	1 1	19 52	0 16	13 37	2 25	1 50	0 42	23 20	0 28	5 42	9 25	10 37	10 6	19 15		n.a.
T 4	21 4	12 12	4 59	13 13	2 37	21 10	0 16	24 15	1 2	19 55	0 16	13 36	2 25	1 51	0 42	23 20	0 28	5 41	9 25	10 36	10 5	19 15		n.a.
F 5	21 15	8 17	4 29	13 45	2 26	21 27	0 18	24 18	1 2	19 58	0 16	13 35	2 25	1 51	0 42	23 20	0 28	5 41	9 25	10 36	10 4	19 14		n.a.
S 6	21 26	4 2	3 44	14 18	2 14	21 43	0 20	24 22	1 2	20 1	0 16	13 34	2 25	1 51	0 41	23 19	0 28	5 41	9 25	10 36	10 3	19 14		n.a.
S 7	21 36	0s17	2 49	14 53	2 2	21 59	0 23	24 25	1 2	20 4	0 16	13 33	2 25	1 51	0 41	23 19	0 28	5 41	9 24	10 36	10 2	19 14		n.a.
M 8	21 46	4 30	1 47	15 28	1 49	22 14	0 25	24 29	1 3	20 7	0 16	13 32	2 24	1 51	0 41	23 19	0 28	5 41	9 24	10 37	10 1	19 13		n.a.
T 9	21 56	8 26	0 41	16 4	1 37	22 29	0 27	24 32	1 3	20 10	0 16	13 31	2 24	1 51	0 41	23 19	0 28	5 40	9 24	10 37	9 59	19 13		n.a.
W10	22 5	11 57	0n26	16 41	1 24	22 42	0 29	24 34	1 3	20 13	0 16	13 29	2 24	1 51	0 41	23 19	0 28	5 40	9 24	10 37	9 58	19 13		n.a.
T 11	22 14	14 53	1 31	17 19	1 11	22 56	0 32	24 37	1 3	20 16	0 15	13 28	2 24	1 51	0 41	23 19	0 28	5 40	9 23	10 37	9 57	19 12		n.a.
F 12	22 22	17 10	2 31	17 56	0 59	23 8	0 34	24 39	1 3	20 19	0 15	13 27	2 24	1 51	0 41	23 19	0 28	5 40	9 23	10 35	9 56	19 12		n.a.
S 13	22 30	18 40	3 23	18 34	0 46	23 20	0 36	24 42	1 4	20 22	0 15	13 26	2 23	1 51	0 41	23 19	0 28	5 40	9 23	10 33	9 55	19 12		n.a.
S 14	22 38	19 20	4 7	19 12	0 33	23 31	0 38	24 44	1 4	20 25	0 15	13 24	2 23	1 51	0 41	23 19	0 28	5 40	9 23	10 31	9 53	19 11		n.a.
M15	22 45	19 9	4 39	19 49	0 21	23 42	0 40	24 46	1 4	20 28	0 15	13 23	2 23	1 51	0 41	23 19	0 27	5 40	9 22	10 28	9 52	19 11		n.a.
T 16	22 52	18 7	4 59	20 25	0 9	23 51	0 42	24 47	1 4	20 31	0 15	13 22	2 23	1 51	0 41	23 19	0 27	5 39	9 22	10 24	9 51	19 11		n.a.
W17	22 59	16 18	5 7	21 0	0n 3	24 0	0 44	24 49	1 4	20 33	0 15	13 20	2 23	1 51	0 41	23 19	0 27	5 39	9 22	10 21	9 50	19 10		n.a.
T 18	23 5	13 47	5 1	21 34	0 15	24 9	0 46	24 50	1 5	20 36	0 15	13 19	2 22	1 51	0 41	23 19	0 27	5 39	9 21	10 19	9 49	19 10		n.a.
F 19	23 11	10 40	4 42	22 6	0 25	24 16	0 48	24 51	1 5	20 39	0 15	13 18	2 22	1 51	0 41	23 19	0 27	5 39	9 21	10 17	9 48	19 10		n.a.
S 20	23 16	7 2	4 9	22 37	0 36	24 23	0 50	24 52	1 5	20 42	0 15	13 16	2 22	1 51	0 41	23 19	0 27	5 39	9 21	10 15	9 46	19 9		n.a.
S 21	23 21	3 2	3 24	23 6	0 46	24 30	0 52	24 53	1 5	20 44	0 14	13 15	2 22	1 51	0 41	23 19	0 27	5 39	9 21	10 15	9 45	19 9		n.a.
M22	23 26	1n13	2 28	23 32	0 55	24 35	0 54	24 54	1 5	20 47	0 14	13 13	2 22	1 50	0 41	23 19	0 27	5 39	9 20	10 15	9 44	19 9		n.a.
T 23	23 30	5 32	1 22	23 56	1 3	24 40	0 56	24 54	1 5	20 50	0 14	13 12	2 21	1 50	0 41	23 19	0 27	5 39	9 20	10 15	9 43	19 8		n.a.
W24	23 34	9 43	0 10	24 18	1 11	24 44	0 58	24 54	1 6	20 53	0 14	13 10	2 21	1 50	0 41	23 19	0 27	5 39	9 20	10 15	9 42	19 8		n.a.
T 25	23 37	13 30	1s 5	24 37	1 18	24 47	0 59	24 54	1 6	20 55	0 14	13 8	2 21	1 50	0 41	23 19	0 27	5 39	9 19	10 15	9 40	19 8		n.a.
F 26	23 40	16 35	2 18	24 53	1 24	24 49	1 1	24 54	1 6	20 58	0 14	13 7	2 21	1 49	0 41	23 19	0 27	5 39	9 19	10 14	9 39	19 7		n.a.
S 27	23 42	18 37	3 24	25 7	1 30	24 51	1 3	24 53	1 6	21 0	0 14	13 5	2 21	1 49	0 41	23 19	0 27	5 39	9 19	10 12	9 38	19 7		n.a.
S 28	23 44	19 22	4 16	25 17	1 35	24 52	1 4	24 53	1 6	21 3	0 14	13 4	2 21	1 49	0 41	23 19	0 27	5 39	9 18	10 10	9 37	19 6		n.a.
M29	23 46	18 42	4 50	25 25	1 39	24 52	1 6	24 52	1 6	21 5	0 14	13 2	2 20	1 49	0 41	23 19	0 27	5 39	9 18	10 7	9 36	19 6		n.a.
T 30	23n47	16n43	5s 4	25n31	1n42	24n52	1n 7	24n51	1n 7	21n 8	0s14	13n 0	2n20	1n48	0n40	23s19	0n27	5s39	9n18	10s 3	9s35	19s 6		n.a.

Julian Day Number = 1369108.5, Delta T = 06h52m14s
Ecliptic obliquity = 23°48'29, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°23'33, Lahiri = -17°16'33 Julian Calendar 1 June 965 BCE == Greg. Calendar 23 May 965 BCE

The year -964 astronomical counting style corresponds to year 965 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 965 BCE
geocentric

JULY 965 BCE (-964) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 59 35	28♊40'35	8♌36	1♋ 6	5♋27	4♋46	4♊39	2♍21	27♍ 5	26°R52	8°R 9	25°R29	24♎17	0♑43	n.a.	W 1
T 2	18 3 32	29°38'05	23° 7	3° 7	6°41	5°24	4°52	2°25	27° 5	26♐50	8♏ 9	25♎23	24°14	0°49	n.a.	T 2
F 3	18 7 28	0♋35'36	7♍11	5° 7	7°55	6° 2	5° 5	2°29	27° 6	26°48	8° 8	25°18	24°11	0°56	n.a.	F 3
S 4	18 11 25	1°33'09	20°46	7° 6	9° 9	6°40	5°18	2°34	27° 7	26°47	8° 7	25°16	24° 8	1° 3	n.a.	S 4
S 5	18 15 22	2°30'42	3♎54	9° 3	10°23	7°18	5°31	2°39	27° 8	26°45	8° 6	25°D15	24° 4	1° 9	n.a.	S 5
M 6	18 19 18	3°28'16	16°38	10°59	11°37	7°56	5°43	2°43	27°10	26°43	8° 5	25°16	24° 1	1°16	n.a.	M 6
T 7	18 23 15	4°25'52	29° 4	12°54	12°52	8°35	5°56	2°48	27°11	26°42	8° 5	25°R16	23°58	1°23	n.a.	T 7
W 8	18 27 11	5°23'28	11♏16	14°47	14° 6	9°13	6° 9	2°53	27°12	26°40	8° 4	25°15	23°55	1°30	n.a.	W 8
T 9	18 31 8	6°21'06	23°18	16°39	15°20	9°51	6°21	2°58	27°13	26°39	8° 3	25°12	23°52	1°36	n.a.	T 9
F 10	18 35 4	7°18'46	5♐13	18°29	16°34	10°29	6°34	3° 3	27°14	26°37	8° 3	25° 6	23°48	1°43	n.a.	F 10
S 11	18 39 1	8°16'26	17° 5	20°18	17°48	11° 7	6°46	3° 8	27°16	26°35	8° 2	24°57	23°45	1°50	n.a.	S 11
S 12	18 42 57	9°14'08	28°57	22° 6	19° 3	11°46	6°58	3°13	27°17	26°34	8° 2	24°46	23°42	1°56	n.a.	S 12
M13	18 46 54	10°11'52	10♑49	23°52	20°17	12°24	7°11	3°18	27°19	26°32	8° 1	24°33	23°39	2° 3	n.a.	M13
T 14	18 50 51	11° 9'37	22°44	25°37	21°31	13° 2	7°23	3°24	27°20	26°31	8° 1	24°20	23°36	2°10	n.a.	T 14
W15	18 54 47	12° 7'23	4♒43	27°20	22°45	13°40	7°35	3°29	27°22	26°29	8° 0	24° 7	23°33	2°17	n.a.	W15
T 16	18 58 44	13° 5'12	16°47	29° 2	24° 0	14°19	7°47	3°34	27°23	26°28	8° 0	23°55	23°29	2°23	n.a.	T 16
F 17	19 2 40	14° 3'02	28°59	0♌42	25°14	14°57	8° 0	3°40	27°25	26°26	7°59	23°46	23°26	2°30	n.a.	F 17
S 18	19 6 37	15° 0'53	11♓20	2°21	26°28	15°35	8°12	3°45	27°27	26°25	7°59	23°39	23°23	2°37	n.a.	S 18
S 19	19 10 33	15°58'47	23°54	3°59	27°42	16°13	8°24	3°51	27°28	26°23	7°59	23°36	23°20	2°43	n.a.	S 19
M20	19 14 30	16°56'43	6♈43	5°36	28°57	16°52	8°36	3°56	27°30	26°22	7°58	23°34	23°17	2°50	n.a.	M20
T 21	19 18 26	17°54'41	19°52	7°11	0♌11	17°30	8°47	4° 2	27°32	26°20	7°58	23°34	23°13	2°57	n.a.	T 21
W22	19 22 23	18°52'40	3♉24	8°45	1°25	18° 8	8°59	4° 8	27°34	26°19	7°58	23°34	23°10	3° 4	n.a.	W22
T 23	19 26 20	19°50'42	17°22	10°17	2°40	18°47	9°11	4°14	27°36	26°17	7°58	23°33	23° 7	3°10	n.a.	T 23
F 24	19 30 16	20°48'46	1♊45	11°48	3°54	19°25	9°23	4°19	27°38	26°16	7°57	23°29	23° 4	3°17	n.a.	F 24
S 25	19 34 13	21°46'52	16°32	13°18	5° 8	20° 3	9°34	4°25	27°40	26°14	7°57	23°23	23° 1	3°24	n.a.	S 25
S 26	19 38 9	22°45'00	1♋37	14°46	6°23	20°42	9°46	4°31	27°42	26°13	7°57	23°14	22°58	3°30	n.a.	S 26
M27	19 42 6	23°43'11	16°52	16°13	7°37	21°20	9°57	4°37	27°44	26°11	7°57	23° 4	22°54	3°37	n.a.	M27
T 28	19 46 2	24°41'23	2♌ 4	17°39	8°51	21°59	10° 9	4°43	27°46	26°10	7°57	22°53	22°51	3°44	n.a.	T 28
W29	19 49 59	25°39'36	17° 4	19° 3	10° 6	22°37	10°20	4°49	27°48	26° 9	7°D57	22°42	22°48	3°51	n.a.	W29
T 30	19 53 55	26°37'52	1♍42	20°26	11°20	23°15	10°31	4°55	27°51	26° 7	7°57	22°33	22°45	3°57	n.a.	T 30
F 31	19 57 52	27♋36'09	15♍52	21♌48	12♌34	23♋54	10♊42	5♍ 2	27♍53	26♐ 6	7♏57	22♎27	22♎42	4♑ 4	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n48	13n38	4s56	25n33	1n45	24n51	1n 9	24n50	1n 7	21n10	0s14	12n58	2n20	1n48	0n40	23s19	0n27	5s39	9n17	10s 0	9s33	19s 5		n.a.
T 2	23 48	9 47	4 29	25 33	1 47	24 48	1 10	24 49	1 7	21 13	0 13	12 57	2 20	1 47	0 40	23 19	0 27	5 39	9 17	9 58	9 32	19 5		n.a.
F 3	23 48	5 30	3 47	25 30	1 48	24 46	1 12	24 47	1 7	21 15	0 13	12 55	2 20	1 47	0 40	23 19	0 27	5 39	9 17	9 56	9 31	19 4		n.a.
S 4	23 48	1 4	2 53	25 25	1 49	24 42	1 13	24 45	1 7	21 18	0 13	12 53	2 20	1 47	0 40	23 19	0 27	5 39	9 16	9 55	9 30	19 4		n.a.
S 5	23 47	3s16	1 51	25 18	1 49	24 38	1 14	24 43	1 7	21 20	0 13	12 51	2 19	1 46	0 40	23 19	0 27	5 39	9 16	9 55	9 29	19 4		n.a.
M 6	23 46	7 20	0 46	25 9	1 48	24 33	1 16	24 41	1 7	21 23	0 13	12 49	2 19	1 46	0 40	23 19	0 27	5 39	9 16	9 55	9 27	19 3		n.a.
T 7	23 44	11 0	0n20	24 57	1 47	24 27	1 17	24 39	1 8	21 25	0 13	12 47	2 19	1 45	0 40	23 19	0 27	5 40	9 15	9 55	9 26	19 3		n.a.
W 8	23 42	14 7	1 24	24 43	1 45	24 20	1 18	24 36	1 8	21 27	0 13	12 45	2 19	1 45	0 40	23 19	0 27	5 40	9 15	9 55	9 25	19 2		n.a.
T 9	23 39	16 35	2 23	24 27	1 43	24 13	1 19	24 34	1 8	21 29	0 13	12 43	2 19	1 44	0 40	23 19	0 27	5 40	9 14	9 54	9 24	19 2		n.a.
F 10	23 36	18 18	3 15	24 10	1 40	24 5	1 20	24 31	1 8	21 32	0 13	12 41	2 19	1 43	0 40	23 19	0 27	5 40	9 14	9 51	9 23	19 2		n.a.
S 11	23 33	19 13	3 58	23 51	1 37	23 56	1 21	24 28	1 8	21 34	0 13	12 39	2 18	1 43	0 40	23 19	0 27	5 40	9 14	9 48	9 21	19 1		n.a.
S 12	23 29	19 17	4 31	23 30	1 34	23 47	1 22	24 25	1 8	21 36	0 13	12 37	2 18	1 42	0 40	23 19	0 27	5 40	9 13	9 44	9 20	19 1		n.a.
M13	23 25	18 31	4 52	23 8	1 30	23 37	1 22	24 21	1 8	21 38	0 12	12 35	2 18	1 42	0 40	23 19	0 27	5 40	9 13	9 39	9 19	19 0		n.a.
T 14	23 20	16 55	5 0	22 45	1 25	23 26	1 23	24 18	1 8	21 40	0 12	12 33	2 18	1 41	0 40	23 19	0 27	5 41	9 13	9 34	9 18	19 0		n.a.
W15	23 15	14 36	4 55	22 20	1 20	23 14	1 24	24 14	1 9	21 43	0 12	12 31	2 18	1 40	0 40	23 19	0 27	5 41	9 12	9 29	9 17	19 0		n.a.
T 16	23 9	11 38	4 37	21 54	1 15	23 2	1 25	24 10	1 9	21 45	0 12	12 29	2 18	1 40	0 40	23 19	0 27	5 41	9 12	9 25	9 16	18 59		n.a.
F 17	23 3	8 10	4 6	21 27	1 10	22 49	1 25	24 6	1 9	21 47	0 12	12 27	2 18	1 39	0 40	23 18	0 27	5 41	9 11	9 22	9 14	18 59		n.a.
S 18	22 57	4 18	3 23	20 59	1 4	22 35	1 26	24 1	1 9	21 49	0 12	12 25	2 17	1 38	0 40	23 18	0 27	5 42	9 11	9 19	9 13	18 58		n.a.
S 19	22 50	0 10	2 30	20 30	0 58	22 21	1 26	23 57	1 9	21 51	0 12	12 23	2 17	1 38	0 40	23 18	0 27	5 42	9 11	9 18	9 12	18 58		n.a.
M20	22 43	4n 3	1 28	20 0	0 52	22 6	1 26	23 52	1 9	21 53	0 12	12 20	2 17	1 37	0 40	23 18	0 27	5 42	9 10	9 17	9 11	18 57		n.a.
T 21	22 35	8 11	0 20	19 29	0 45	21 50	1 27	23 47	1 9	21 55	0 12	12 18	2 17	1 36	0 40	23 18	0 27	5 42	9 10	9 17	9 10	18 57		n.a.
W22	22 27	12 2	0s52	18 58	0 38	21 34	1 27	23 42	1 9	21 57	0 12	12 16	2 17	1 35	0 40	23 18	0 27	5 43	9 10	9 17	9 8	18 56		n.a.
T 23	22 19	15 19	2 2	18 26	0 31	21 17	1 27	23 37	1 9	21 59	0 12	12 14	2 17	1 34	0 40	23 18	0 27	5 43	9 9	9 17	9 7	18 56		n.a.
F 24	22 10	17 47	3 7	17 53	0 24	20 59	1 27	23 31	1 9	22 1	0 11	12 11	2 17	1 34	0 40	23 18	0 27	5 43	9 9	9 15	9 6	18 55		n.a.
S 25	22 1	19 7	4 1	17 20	0 16	20 41	1 27	23 26	1 9	22 2	0 11	12 9	2 17	1 33	0 39	23 18	0 27	5 44	9 8	9 13	9 5	18 55		n.a.
S 26	21 51	19 8	4 40	16 47	0 8	20 22	1 27	23 20	1 10	22 4	0 11	12 7	2 16	1 32	0 39	23 18	0 27	5 44	9 8	9 10	9 4	18 55		n.a.
M27	21 41	17 47	4 59	16 13	0 0	20 3	1 27	23 14	1 10	22 6	0 11	12 4	2 16	1 31	0 39	23 18	0 27	5 44	9 8	9 6	9 2	18 54		n.a.
T 28	21 31	15 11	4 57	15 39	0s 8	19 43	1 27	23 8	1 10	22 8	0 11	12 2	2 16	1 30	0 39	23 18	0 27	5 45	9 7	9 2	9 1	18 54		n.a.
W29	21 20	11 37	4 34	15 5	0 16	19 23	1 27	23 1	1 10	22 10	0 11	12 0	2 16	1 29	0 39	23 18	0 27	5 45	9 7	8 58	9 0	18 53		n.a.
T 30	21 9	7 24	3 54	14 31	0 24	19 2	1 26	22 55	1 10	22 11	0 11	11 57	2 16	1 28	0 39	23 18	0 27	5 45	9 6	8 55	8 59	18 53		n.a.
F 31	20n58	2n54	3s 0	13n57	0s33	18n40	1n26	22n48	1n10	22n13	0s11	11n55	2n16	1n27	0n39	23s18	0n27	5s46	9n 6	8s52	8s58	18s52		n.a.

Julian Day Number = 1369138.5, Delta T = 06h52m13s
Ecliptic obliquity = 23°48'28, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°23'29, Lahiri = -17°16'29 Julian Calendar 1 July 965 BCE == Greg. Calendar 22 June 965 BCE

The year -964 astronomical counting style corresponds to year 965 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 965 BCE
geocentric

AUGUST 965 BCE (-964) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 1 48	28♋34'28	29♍34	23♌ 8	13♌49	24♋32	10♊53	5♍ 8	27♍55	26°R 5	7♏57	22°R24	22♎39	4♉11	n.a.	S 1
S 2	20 5 45	29°32'48	12♎46	24°26	15° 3	25°11	11° 4	5°14	27°58	26♐ 3	7°57	22♎22	22°35	4°17	n.a.	S 2
M 3	20 9 42	0♌31'10	25°33	25°43	16°17	25°49	11°15	5°20	28° 0	26° 2	7°57	22°22	22°32	4°24	n.a.	M 3
T 4	20 13 38	1°29'34	7♏59	26°58	17°32	26°28	11°26	5°27	28° 2	26° 1	7°57	22°22	22°29	4°31	n.a.	T 4
W 5	20 17 35	2°28'00	20° 8	28°11	18°46	27° 6	11°37	5°33	28° 5	26° 0	7°58	22°21	22°26	4°38	n.a.	W 5
T 6	20 21 31	3°26'28	2♐ 8	29°23	20° 0	27°45	11°47	5°40	28° 7	25°58	7°58	22°18	22°23	4°44	n.a.	T 6
F 7	20 25 28	4°24'57	14° 1	0♍33	21°15	28°23	11°58	5°46	28°10	25°57	7°58	22°12	22°19	4°51	n.a.	F 7
S 8	20 29 24	5°23'28	25°51	1°41	22°29	29° 2	12° 8	5°53	28°13	25°56	7°58	22° 4	22°16	4°58	n.a.	S 8
S 9	20 33 21	6°22'01	7♉43	2°46	23°44	29°40	12°18	5°59	28°15	25°55	7°59	21°53	22°13	5° 4	n.a.	S 9
M10	20 37 17	7°20'36	19°39	3°50	24°58	0♌19	12°29	6° 6	28°18	25°54	7°59	21°40	22°10	5°11	n.a.	M10
T 11	20 41 14	8°19'13	1♒40	4°51	26°12	0°57	12°39	6°12	28°21	25°53	8° 0	21°27	22° 7	5°18	n.a.	T 11
W12	20 45 11	9°17'52	13°47	5°49	27°27	1°36	12°49	6°19	28°23	25°51	8° 0	21°14	22° 4	5°25	n.a.	W12
T 13	20 49 7	10°16'33	26° 3	6°45	28°41	2°15	12°59	6°26	28°26	25°50	8° 0	21° 2	22° 0	5°31	n.a.	T 13
F 14	20 53 4	11°15'16	8♓26	7°38	29°55	2°53	13° 9	6°32	28°29	25°49	8° 1	20°53	21°57	5°38	n.a.	F 14
S 15	20 57 0	12°14'02	20°59	8°27	1♍10	3°32	13°18	6°39	28°32	25°48	8° 1	20°47	21°54	5°45	n.a.	S 15
S 16	21 0 57	13°12'49	3♈43	9°14	2°24	4°10	13°28	6°46	28°35	25°47	8° 2	20°43	21°51	5°52	n.a.	S 16
M17	21 4 53	14°11'40	16°40	9°56	3°38	4°49	13°38	6°53	28°38	25°46	8° 3	20°D42	21°48	5°58	n.a.	M17
T 18	21 8 50	15°10'32	29°52	10°35	4°53	5°28	13°47	7° 0	28°41	25°46	8° 3	20°42	21°45	6° 5	n.a.	T 18
W19	21 12 46	16° 9'27	13♉22	11° 9	6° 7	6° 7	13°56	7° 6	28°44	25°45	8° 4	20°R43	21°41	6°12	n.a.	W19
T 20	21 16 43	17° 8'24	27°12	11°39	7°21	6°45	14° 5	7°13	28°47	25°44	8° 5	20°42	21°38	6°18	n.a.	T 20
F 21	21 20 39	18° 7'24	11♊22	12° 4	8°36	7°24	14°14	7°20	28°50	25°43	8° 5	20°40	21°35	6°25	n.a.	F 21
S 22	21 24 36	19° 6'27	25°52	12°23	9°50	8° 3	14°23	7°27	28°53	25°42	8° 6	20°36	21°32	6°32	n.a.	S 22
S 23	21 28 33	20° 5'32	10♋38	12°37	11° 4	8°42	14°32	7°34	28°56	25°41	8° 7	20°29	21°29	6°39	n.a.	S 23
M24	21 32 29	21° 4'39	25°33	12°44	12°19	9°20	14°41	7°41	28°59	25°41	8° 8	20°20	21°25	6°45	n.a.	M24
T 25	21 36 26	22° 3'49	10♌29	12°R45	13°33	9°59	14°50	7°48	29° 2	25°40	8° 8	20°11	21°22	6°52	n.a.	T 25
W26	21 40 22	23° 3'00	25°17	12°39	14°47	10°38	14°58	7°55	29° 6	25°39	8° 9	20° 2	21°19	6°59	n.a.	W26
T 27	21 44 19	24° 2'14	9♍49	12°25	16° 1	11°17	15° 6	8° 2	29° 9	25°38	8°10	19°55	21°16	7° 5	n.a.	T 27
F 28	21 48 15	25° 1'30	23°58	12° 4	17°16	11°56	15°15	8° 9	29°12	25°38	8°11	19°50	21°13	7°12	n.a.	F 28
S 29	21 52 12	26° 0'48	7♎40	11°34	18°30	12°35	15°23	8°16	29°15	25°37	8°12	19°47	21°10	7°19	n.a.	S 29
S 30	21 56 8	27° 0'08	20°56	10°57	19°44	13°14	15°31	8°24	29°19	25°37	8°13	19°D46	21° 6	7°26	n.a.	S 30
M31	22 0 5	27♌59'30	3♏47	10♍12	20♍59	13♌52	15♊38	8♍31	29♍22	25♐36	8♏14	19♎47	21♎ 3	7♉32	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n46	1s37	1s58	13n22	0s41	18n18	1n26	22n41	1n10	22n15	0s11	11n52	2n16	1n26	0n39	23s18	0n27	5s46	9n 6	8s51	8s56	18s52		n.a.
S 2	20 34	5 54	0 51	12 48	0 50	17 55	1 25	22 34	1 10	22 16	0 11	11 50	2 16	1 25	0 39	23 18	0 27	5 47	9 5	8 50	8 55	18 51		n.a.
M 3	20 21	9 46	0n17	12 14	0 59	17 32	1 25	22 27	1 10	22 18	0 11	11 48	2 16	1 24	0 39	23 18	0 27	5 47	9 5	8 50	8 54	18 51		n.a.
T 4	20 8	13 6	1 22	11 40	1 7	17 9	1 24	22 20	1 10	22 20	0 10	11 45	2 16	1 23	0 39	23 18	0 27	5 47	9 4	8 50	8 53	18 50		n.a.
W 5	19 55	15 47	2 21	11 6	1 16	16 45	1 23	22 12	1 10	22 21	0 10	11 43	2 15	1 22	0 39	23 18	0 27	5 48	9 4	8 50	8 52	18 50		n.a.
T 6	19 41	17 44	3 14	10 32	1 25	16 20	1 22	22 5	1 10	22 23	0 10	11 40	2 15	1 21	0 39	23 18	0 27	5 48	9 4	8 49	8 50	18 49		n.a.
F 7	19 27	18 54	3 57	9 59	1 34	15 55	1 22	21 57	1 10	22 24	0 10	11 38	2 15	1 20	0 39	23 18	0 27	5 49	9 3	8 46	8 49	18 49		n.a.
S 8	19 13	19 14	4 30	9 27	1 43	15 30	1 21	21 49	1 10	22 26	0 10	11 35	2 15	1 19	0 39	23 18	0 27	5 49	9 3	8 43	8 48	18 48		n.a.
S 9	18 58	18 43	4 52	8 55	1 52	15 4	1 20	21 41	1 10	22 27	0 10	11 33	2 15	1 18	0 39	23 18	0 27	5 50	9 2	8 39	8 47	18 48		n.a.
M10	18 43	17 23	5 1	8 23	2 0	14 38	1 19	21 32	1 10	22 29	0 10	11 30	2 15	1 17	0 39	23 18	0 27	5 50	9 2	8 34	8 46	18 47		n.a.
T 11	18 28	15 17	4 56	7 53	2 9	14 11	1 18	21 24	1 11	22 30	0 10	11 27	2 15	1 16	0 39	23 18	0 27	5 51	9 2	8 29	8 44	18 47		n.a.
W12	18 12	12 30	4 38	7 23	2 18	13 44	1 16	21 15	1 11	22 31	0 10	11 25	2 15	1 15	0 39	23 18	0 27	5 51	9 1	8 24	8 43	18 46		n.a.
T 13	17 56	9 9	4 7	6 55	2 26	13 17	1 15	21 7	1 11	22 33	0 10	11 22	2 15	1 13	0 39	23 18	0 27	5 52	9 1	8 20	8 42	18 46		n.a.
F 14	17 40	5 23	3 24	6 27	2 34	12 49	1 14	20 58	1 11	22 34	0 10	11 20	2 15	1 12	0 39	23 18	0 26	5 52	9 0	8 17	8 41	18 45		n.a.
S 15	17 23	1 19	2 31	6 1	2 43	12 21	1 13	20 48	1 11	22 35	0 9	11 17	2 15	1 11	0 39	23 18	0 26	5 53	9 0	8 14	8 40	18 45		n.a.
S 16	17 7	2n51	1 29	5 36	2 50	11 53	1 11	20 39	1 11	22 37	0 9	11 15	2 15	1 10	0 39	23 18	0 26	5 53	9 0	8 13	8 38	18 44		n.a.
M17	16 49	6 59	0 21	5 13	2 58	11 24	1 10	20 30	1 11	22 38	0 9	11 12	2 15	1 9	0 39	23 18	0 26	5 54	8 59	8 12	8 37	18 43		n.a.
T 18	16 32	10 50	0s49	4 52	3 5	10 55	1 8	20 20	1 11	22 39	0 9	11 9	2 15	1 7	0 39	23 18	0 26	5 54	8 59	8 12	8 36	18 43		n.a.
W19	16 14	14 13	1 58	4 32	3 12	10 26	1 7	20 10	1 11	22 40	0 9	11 7	2 15	1 6	0 39	23 18	0 26	5 55	8 59	8 12	8 35	18 42		n.a.
T 20	15 56	16 53	3 2	4 15	3 19	9 57	1 5	20 1	1 11	22 42	0 9	11 4	2 14	1 5	0 39	23 18	0 26	5 56	8 58	8 12	8 34	18 42		n.a.
F 21	15 38	18 36	3 56	4 0	3 24	9 27	1 3	19 51	1 11	22 43	0 9	11 1	2 14	1 4	0 39	23 18	0 26	5 56	8 58	8 11	8 32	18 41		n.a.
S 22	15 19	19 8	4 37	3 48	3 30	8 57	1 1	19 40	1 11	22 44	0 9	10 59	2 14	1 2	0 39	23 18	0 26	5 57	8 57	8 10	8 31	18 41		n.a.
S 23	15 1	18 24	5 0	3 38	3 34	8 27	1 0	19 30	1 11	22 45	0 9	10 56	2 14	1 1	0 39	23 18	0 26	5 57	8 57	8 7	8 30	18 40		n.a.
M24	14 41	16 24	5 3	3 32	3 38	7 56	0 58	19 20	1 11	22 46	0 9	10 53	2 14	1 0	0 39	23 18	0 26	5 58	8 57	8 4	8 29	18 40		n.a.
T 25	14 22	13 18	4 46	3 29	3 41	7 25	0 56	19 9	1 11	22 47	0 9	10 51	2 14	0 59	0 39	23 18	0 26	5 59	8 56	8 0	8 28	18 39		n.a.
W26	14 3	9 23	4 9	3 30	3 42	6 54	0 54	18 58	1 11	22 48	0 8	10 48	2 14	0 57	0 38	23 18	0 26	5 59	8 56	7 57	8 26	18 39		n.a.
T 27	13 43	4 58	3 17	3 35	3 43	6 23	0 52	18 47	1 11	22 49	0 8	10 45	2 14	0 56	0 38	23 18	0 26	6 0	8 55	7 54	8 25	18 38		n.a.
F 28	13 23	0 23	2 14	3 44	3 42	5 52	0 50	18 36	1 11	22 50	0 8	10 42	2 14	0 55	0 38	23 18	0 26	6 1	8 55	7 52	8 24	18 37		n.a.
S 29	13 2	4s 5	1 5	3 58	3 39	5 21	0 48	18 25	1 11	22 51	0 8	10 40	2 14	0 53	0 38	23 18	0 26	6 1	8 55	7 51	8 23	18 37		n.a.
S 30	12 42	8 12	0n 6	4 16	3 35	4 49	0 45	18 14	1 11	22 52	0 8	10 37	2 14	0 52	0 38	23 18	0 26	6 2	8 54	7 51	8 22	18 36		n.a.
M31	12n21	11s48	1n15	4n39	3s29	4n17	0n43	18n 3	1n11	22n53	0s 8	10n34	2n14	0n50	0n38	23s18	0n26	6s 3	8n54	7s51	8s20	18s36		n.a.

Julian Day Number = 1369169.5, Delta T = 06h52m11s
Ecliptic obliquity = 23°48'29, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°23'25, Lahiri = -17°16'25 Julian Calendar 1 Aug. 965 BCE == Greg. Calendar 23 July 965 BCE

The year -964 astronomical counting style corresponds to year 965 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 965 BCE
geocentric

SEPTEMBER 965 BCE (-964) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 4 2	28♌58'54	16♏16	9°R20	22♍13	14♌31	15♊46	8♍38	29♍25	25°R36	8♏15	19♎48	21♎ 0	7♉39	n.a.	T 1
W 2	22 7 58	29°58'20	28°29	8♍21	23°27	15°10	15°54	8°45	29°29	25♐35	8°16	19°R49	20°57	7°46	n.a.	W 2
T 3	22 11 55	0♍57'47	10♐29	7°17	24°41	15°49	16° 1	8°52	29°32	25°35	8°18	19°48	20°54	7°52	n.a.	T 3
F 4	22 15 51	1°57'17	22°23	6° 8	25°56	16°28	16° 8	8°59	29°36	25°34	8°19	19°46	20°51	7°59	n.a.	F 4
S 5	22 19 48	2°56'48	4♉14	4°57	27°10	17° 7	16°15	9° 6	29°39	25°34	8°20	19°42	20°47	8° 6	n.a.	S 5
S 6	22 23 44	3°56'22	16° 8	3°44	28°24	17°46	16°22	9°14	29°43	25°33	8°21	19°35	20°44	8°13	n.a.	S 6
M 7	22 27 41	4°55'57	28° 7	2°33	29°38	18°25	16°29	9°21	29°46	25°33	8°22	19°28	20°41	8°19	n.a.	M 7
T 8	22 31 37	5°55'35	10♒15	1°25	0♎52	19° 4	16°36	9°28	29°50	25°33	8°24	19°19	20°38	8°26	n.a.	T 8
W 9	22 35 34	6°55'14	22°32	0°22	2° 7	19°44	16°42	9°35	29°53	25°33	8°25	19°11	20°35	8°33	n.a.	W 9
T 10	22 39 30	7°54'56	5♓ 1	29♌27	3°21	20°23	16°49	9°42	29°57	25°32	8°26	19° 4	20°31	8°40	n.a.	T 10
F 11	22 43 27	8°54'39	17°41	28°39	4°35	21° 2	16°55	9°49	0♎ 0	25°32	8°28	18°58	20°28	8°46	n.a.	F 11
S 12	22 47 24	9°54'25	0♈33	28° 2	5°49	21°41	17° 1	9°57	0° 4	25°32	8°29	18°55	20°25	8°53	n.a.	S 12
S 13	22 51 20	10°54'13	13°36	27°36	7° 3	22°20	17° 7	10° 4	0° 7	25°32	8°30	18°D53	20°22	9° 0	n.a.	S 13
M14	22 55 17	11°54'03	26°51	27°20	8°17	22°59	17°13	10°11	0°11	25°32	8°32	18°53	20°19	9° 6	n.a.	M14
T 15	22 59 13	12°53'55	10♉18	27°D16	9°31	23°38	17°18	10°18	0°15	25°32	8°33	18°55	20°16	9°13	n.a.	T 15
W16	23 3 10	13°53'50	23°58	27°23	10°45	24°18	17°24	10°25	0°18	25°D32	8°35	18°56	20°12	9°20	n.a.	W16
T 17	23 7 6	14°53'48	7♊50	27°41	11°59	24°57	17°29	10°33	0°22	25°32	8°36	18°57	20° 9	9°27	n.a.	T 17
F 18	23 11 3	15°53'47	21°54	28° 9	13°14	25°36	17°34	10°40	0°26	25°32	8°38	18°R57	20° 6	9°33	n.a.	F 18
S 19	23 14 59	16°53'49	6♋ 9	28°46	14°28	26°16	17°39	10°47	0°29	25°32	8°39	18°56	20° 3	9°40	n.a.	S 19
S 20	23 18 56	17°53'54	20°33	29°32	15°42	26°55	17°44	10°54	0°33	25°32	8°41	18°53	20° 0	9°47	n.a.	S 20
M21	23 22 52	18°54'00	5♌ 2	0♍25	16°56	27°34	17°49	11° 1	0°37	25°32	8°43	18°49	19°56	9°53	n.a.	M21
T 22	23 26 49	19°54'09	19°31	1°26	18°10	28°14	17°53	11° 8	0°40	25°32	8°44	18°45	19°53	10° 0	n.a.	T 22
W23	23 30 46	20°54'20	3♍54	2°32	19°24	28°53	17°57	11°16	0°44	25°32	8°46	18°41	19°50	10° 7	n.a.	W23
T 24	23 34 42	21°54'33	18° 5	3°44	20°38	29°32	18° 1	11°23	0°48	25°33	8°48	18°37	19°47	10°14	n.a.	T 24
F 25	23 38 39	22°54'48	1♎59	5° 0	21°52	0♍12	18° 5	11°30	0°52	25°33	8°49	18°35	19°44	10°20	n.a.	F 25
S 26	23 42 35	23°55'05	15°33	6°20	23° 6	0°51	18° 9	11°37	0°55	25°33	8°51	18°D34	19°41	10°27	n.a.	S 26
S 27	23 46 32	24°55'23	28°45	7°43	24°20	1°31	18°12	11°44	0°59	25°33	8°53	18°34	19°37	10°34	n.a.	S 27
M28	23 50 28	25°55'44	11♏36	9° 9	25°34	2°10	18°16	11°51	1° 3	25°34	8°54	18°35	19°34	10°41	n.a.	M28
T 29	23 54 25	26°56'06	24° 7	10°38	26°47	2°50	18°19	11°58	1° 7	25°34	8°56	18°37	19°31	10°47	n.a.	T 29
W30	23 58 21	27♍56'30	6♐22	12♍ 8	28♎ 1	3♍29	18♊22	12♍ 5	1♎10	25♐35	8♏58	18♎39	19♎28	10♉54	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n 0	14s46	2n18	5n 6	3s21	3n46	0n41	17n51	1n11	22n54	0s 8	10n32	2n14	0n49	0n38	23s18	0n26	6s 3	8n54	7s52	8s19	18s35		n.a.
W 2	11 39	16 59	3 13	5 37	3 11	3 14	0 39	17 39	1 11	22 55	0 8	10 29	2 14	0 48	0 38	23 18	0 26	6 4	8 53	7 52	8 18	18 34		n.a.
T 3	11 18	18 25	3 59	6 12	2 59	2 42	0 36	17 28	1 11	22 56	0 8	10 26	2 14	0 46	0 38	23 18	0 26	6 5	8 53	7 52	8 17	18 34		n.a.
F 4	10 56	19 2	4 34	6 51	2 45	2 10	0 34	17 16	1 11	22 57	0 8	10 23	2 14	0 45	0 38	23 18	0 26	6 5	8 52	7 51	8 15	18 33		n.a.
S 5	10 35	18 47	4 57	7 32	2 29	1 38	0 32	17 4	1 11	22 58	0 7	10 21	2 14	0 43	0 38	23 18	0 26	6 6	8 52	7 49	8 14	18 33		n.a.
S 6	10 13	17 44	5 7	8 15	2 12	1 5	0 29	16 51	1 10	22 59	0 7	10 18	2 14	0 42	0 38	23 18	0 26	6 7	8 52	7 47	8 13	18 32		n.a.
M 7	9 51	15 53	5 5	8 58	1 53	0 33	0 27	16 39	1 10	22 59	0 7	10 15	2 14	0 41	0 38	23 18	0 26	6 8	8 51	7 44	8 12	18 32		n.a.
T 8	9 29	13 20	4 48	9 41	1 34	0 1	0 24	16 27	1 10	23 0	0 7	10 12	2 14	0 39	0 38	23 18	0 26	6 8	8 51	7 41	8 11	18 31		n.a.
W 9	9 6	10 9	4 18	10 22	1 14	0s31	0 21	16 14	1 10	23 1	0 7	10 10	2 14	0 38	0 38	23 18	0 26	6 9	8 51	7 37	8 9	18 30		n.a.
T 10	8 44	6 29	3 35	11 1	0 53	1 4	0 19	16 2	1 10	23 2	0 7	10 7	2 14	0 36	0 38	23 18	0 26	6 10	8 50	7 35	8 8	18 30		n.a.
F 11	8 21	2 28	2 41	11 36	0 33	1 36	0 16	15 49	1 10	23 2	0 7	10 4	2 14	0 35	0 38	23 18	0 26	6 11	8 50	7 33	8 7	18 29		n.a.
S 12	7 58	1n43	1 38	12 8	0 13	2 8	0 14	15 36	1 10	23 3	0 7	10 1	2 14	0 33	0 38	23 18	0 26	6 11	8 50	7 31	8 6	18 28		n.a.
S 13	7 35	5 53	0 29	12 35	0n 6	2 40	0 11	15 23	1 10	23 4	0 7	9 59	2 14	0 32	0 38	23 18	0 26	6 12	8 49	7 31	8 5	18 28		n.a.
M14	7 12	9 50	0s43	12 57	0 23	3 13	0 8	15 10	1 10	23 5	0 6	9 56	2 14	0 30	0 38	23 18	0 26	6 13	8 49	7 31	8 3	18 27		n.a.
T 15	6 49	13 20	1 54	13 14	0 40	3 45	0 5	14 57	1 10	23 5	0 6	9 53	2 14	0 29	0 38	23 18	0 26	6 14	8 49	7 31	8 2	18 27		n.a.
W16	6 26	16 9	3 0	13 25	0 55	4 17	0 3	14 43	1 10	23 6	0 6	9 50	2 14	0 27	0 38	23 18	0 26	6 14	8 48	7 32	8 1	18 26		n.a.
T 17	6 2	18 5	3 56	13 32	1 8	4 49	0s 0	14 30	1 10	23 6	0 6	9 48	2 14	0 26	0 38	23 18	0 26	6 15	8 48	7 32	8 0	18 25		n.a.
F 18	5 39	18 55	4 38	13 33	1 20	5 21	0 3	14 16	1 10	23 7	0 6	9 45	2 14	0 24	0 38	23 18	0 26	6 16	8 48	7 32	7 58	18 25		n.a.
S 19	5 15	18 35	5 5	13 30	1 31	5 52	0 6	14 3	1 10	23 8	0 6	9 42	2 15	0 23	0 38	23 18	0 26	6 17	8 47	7 32	7 57	18 24		n.a.
S 20	4 51	17 4	5 12	13 22	1 39	6 24	0 9	13 49	1 10	23 8	0 6	9 40	2 15	0 21	0 38	23 18	0 26	6 18	8 47	7 31	7 56	18 23		n.a.
M21	4 27	14 27	5 0	13 9	1 47	6 56	0 11	13 35	1 10	23 9	0 6	9 37	2 15	0 20	0 38	23 18	0 25	6 18	8 47	7 29	7 55	18 23		n.a.
T 22	4 3	10 56	4 29	12 53	1 53	7 27	0 14	13 21	1 9	23 9	0 6	9 34	2 15	0 18	0 38	23 18	0 25	6 19	8 46	7 27	7 54	18 22		n.a.
W23	3 39	6 48	3 41	12 34	1 58	7 58	0 17	13 7	1 9	23 10	0 5	9 31	2 15	0 17	0 38	23 18	0 25	6 20	8 46	7 26	7 52	18 22		n.a.
T 24	3 15	2 20	2 40	12 11	2 2	8 29	0 20	12 53	1 9	23 10	0 5	9 29	2 15	0 15	0 38	23 19	0 25	6 21	8 46	7 24	7 51	18 21		n.a.
F 25	2 51	2s10	1 30	11 45	2 4	9 0	0 23	12 39	1 9	23 11	0 5	9 26	2 15	0 14	0 38	23 19	0 25	6 22	8 46	7 23	7 50	18 20		n.a.
S 26	2 27	6 28	0 17	11 16	2 6	9 30	0 26	12 25	1 9	23 11	0 5	9 23	2 15	0 12	0 38	23 19	0 25	6 22	8 45	7 23	7 49	18 20		n.a.
S 27	2 3	10 20	0n56	10 45	2 7	10 1	0 29	12 10	1 9	23 12	0 5	9 21	2 15	0 11	0 38	23 19	0 25	6 23	8 45	7 23	7 47	18 19		n.a.
M28	1 39	13 35	2 3	10 12	2 7	10 31	0 31	11 56	1 9	23 12	0 5	9 18	2 15	0 9	0 38	23 19	0 25	6 24	8 45	7 24	7 46	18 18		n.a.
T 29	1 14	16 8	3 4	9 38	2 6	11 1	0 34	11 41	1 9	23 12	0 5	9 15	2 15	0 8	0 38	23 19	0 25	6 25	8 44	7 24	7 45	18 18		n.a.
W30	0n50	17s52	3n54	9n 1	2n 4	11s31	0s37	11n27	1n 9	23n13	0s 5	9n13	2n15	0n 6	0n38	23s19	0n25	6s26	8n44	7s25	7s44	18s17		n.a.

Julian Day Number = 1369200.5, Delta T = 06h52m10s
Ecliptic obliquity = 23°48'29, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°23'21, Lahiri = -17°16'20 Julian Calendar 1 Sept. 965 BCE == Greg. Calendar 23 Aug. 965 BCE

The year -964 astronomical counting style corresponds to year 965 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 965 BCE
geocentric

OCTOBER 965 BCE (-964) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 2 18	28♍56'55	18♐25	13♍40	29♎15	4♍ 9	18♊25	12♍12	1♎14	25♐35	9♏ 0	18♎40	19♎25	11♑ 1	n.a.	T 1
F 2	0 6 15	29°57'22	0♑20	15°13	0♏29	4°48	18°27	12°19	1°18	25°36	9° 2	18°R40	19°22	11° 7	n.a.	F 2
S 3	0 10 11	0♎57'50	12°12	16°46	1°43	5°28	18°30	12°26	1°22	25°36	9° 4	18°40	19°18	11°14	n.a.	S 3
S 4	0 14 8	1°58'20	24° 7	18°21	2°57	6° 8	18°32	12°33	1°26	25°37	9° 6	18°38	19°15	11°21	n.a.	S 4
M 5	0 18 4	2°58'51	6♒ 7	19°56	4°10	6°47	18°34	12°40	1°29	25°37	9° 7	18°37	19°12	11°28	n.a.	M 5
T 6	0 22 1	3°59'24	18°18	21°32	5°24	7°27	18°36	12°47	1°33	25°38	9° 9	18°34	19° 9	11°34	n.a.	T 6
W 7	0 25 57	4°59'58	0♓43	23° 8	6°38	8° 6	18°37	12°54	1°37	25°39	9°11	18°32	19° 6	11°41	n.a.	W 7
T 8	0 29 54	6° 0'34	13°22	24°44	7°52	8°46	18°39	13° 1	1°41	25°39	9°13	18°30	19° 2	11°48	n.a.	T 8
F 9	0 33 50	7° 1'11	26°19	26°21	9° 5	9°26	18°40	13° 7	1°44	25°40	9°15	18°29	18°59	11°54	n.a.	F 9
S 10	0 37 47	8° 1'50	9♈31	27°57	10°19	10° 6	18°41	13°14	1°48	25°41	9°17	18°28	18°56	12° 1	n.a.	S 10
S 11	0 41 43	9° 2'31	23° 0	29°34	11°33	10°45	18°42	13°21	1°52	25°42	9°19	18°D28	18°53	12° 8	n.a.	S 11
M12	0 45 40	10° 3'13	6♉41	1♎10	12°46	11°25	18°43	13°28	1°56	25°43	9°21	18°29	18°50	12°15	n.a.	M12
T 13	0 49 37	11° 3'56	20°35	2°46	14° 0	12° 5	18°43	13°34	1°59	25°44	9°23	18°29	18°47	12°21	n.a.	T 13
W14	0 53 33	12° 4'42	4♊36	4°22	15°13	12°45	18°43	13°41	2° 3	25°44	9°25	18°30	18°43	12°28	n.a.	W14
T 15	0 57 30	13° 5'29	18°44	5°58	16°27	13°25	18°R43	13°47	2° 7	25°45	9°28	18°30	18°40	12°35	n.a.	T 15
F 16	1 1 26	14° 6'18	2♋55	7°34	17°40	14° 5	18°43	13°54	2°11	25°46	9°30	18°31	18°37	12°42	n.a.	F 16
S 17	1 5 23	15° 7'09	17° 7	9°10	18°54	14°44	18°43	14° 1	2°14	25°47	9°32	18°R31	18°34	12°48	n.a.	S 17
S 18	1 9 19	16° 8'02	1♌17	10°45	20° 7	15°24	18°42	14° 7	2°18	25°48	9°34	18°31	18°31	12°55	n.a.	S 18
M19	1 13 16	17° 8'56	15°24	12°21	21°21	16° 4	18°42	14°14	2°22	25°49	9°36	18°31	18°27	13° 2	n.a.	M19
T 20	1 17 12	18° 9'51	29°26	13°56	22°34	16°44	18°41	14°20	2°25	25°51	9°38	18°D31	18°24	13° 8	n.a.	T 20
W21	1 21 9	19°10'48	13♍18	15°31	23°48	17°24	18°40	14°26	2°29	25°52	9°40	18°31	18°21	13°15	n.a.	W21
T 22	1 25 6	20°11'47	27° 1	17° 6	25° 1	18° 4	18°38	14°33	2°33	25°53	9°42	18°31	18°18	13°22	n.a.	T 22
F 23	1 29 2	21°12'47	10♎30	18°41	26°14	18°44	18°37	14°39	2°36	25°54	9°45	18°31	18°15	13°29	n.a.	F 23
S 24	1 32 59	22°13'48	23°45	20°16	27°28	19°24	18°35	14°45	2°40	25°55	9°47	18°R31	18°12	13°35	n.a.	S 24
S 25	1 36 55	23°14'50	6♏44	21°50	28°41	20° 4	18°33	14°51	2°44	25°57	9°49	18°31	18° 8	13°42	n.a.	S 25
M26	1 40 52	24°15'53	19°27	23°25	29°54	20°45	18°31	14°57	2°47	25°58	9°51	18°30	18° 5	13°49	n.a.	M26
T 27	1 44 48	25°16'58	1♐55	24°59	1♐ 7	21°25	18°29	15° 3	2°51	25°59	9°53	18°29	18° 2	13°55	n.a.	T 27
W28	1 48 45	26°18'03	14° 9	26°34	2°20	22° 5	18°26	15° 9	2°54	26° 0	9°56	18°28	17°59	14° 2	n.a.	W28
T 29	1 52 41	27°19'09	26°12	28° 8	3°33	22°45	18°23	15°15	2°58	26° 2	9°58	18°27	17°56	14° 9	n.a.	T 29
F 30	1 56 38	28°20'16	8♑ 8	29°43	4°47	23°25	18°20	15°21	3° 1	26° 3	10° 0	18°26	17°53	14°16	n.a.	F 30
S 31	2 0 35	29♎21'23	20♑ 0	1♏17	6♐ 0	24♍ 5	18♊17	15♍27	3♎ 5	26♐ 5	10♏ 2	18♎25	17♎49	14♑22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	0n25	18s46	4n33	8n23	2n 2	12s 0	0s40	11n12	1n 8	23n13	0s 5	9n10	2n15	0n 5	0n38	23s19	0n25	6s27	8n44	7s25	7s43	18s16			n.a.
F 2	0 1	18 49	5 0	7 44	1 59	12 29	0 43	10 57	1 8	23 13	0 4	9 7	2 15	0 3	0 38	23 19	0 25	6 27	8 44	7 25	7 41	18 16			n.a.
S 3	0s23	18 2	5 14	7 4	1 56	12 58	0 46	10 42	1 8	23 14	0 4	9 5	2 16	0 2	0 38	23 19	0 25	6 28	8 43	7 25	7 40	18 15			n.a.
S 4	0 48	16 28	5 14	6 23	1 52	13 26	0 49	10 27	1 8	23 14	0 4	9 2	2 16	0 0	0 38	23 19	0 25	6 29	8 43	7 25	7 39	18 14			n.a.
M 5	1 12	14 10	5 1	5 42	1 48	13 55	0 51	10 12	1 8	23 14	0 4	8 59	2 16	0s 1	0 38	23 19	0 25	6 30	8 43	7 24	7 38	18 14			n.a.
T 6	1 37	11 14	4 34	4 59	1 43	14 22	0 54	9 57	1 8	23 15	0 4	8 57	2 16	0 3	0 38	23 19	0 25	6 31	8 42	7 23	7 37	18 13			n.a.
W 7	2 1	7 44	3 54	4 16	1 39	14 50	0 57	9 42	1 8	23 15	0 4	8 54	2 16	0 4	0 38	23 19	0 25	6 32	8 42	7 22	7 35	18 12			n.a.
T 8	2 25	3 50	3 2	3 33	1 33	15 17	1 0	9 27	1 7	23 15	0 4	8 52	2 16	0 6	0 38	23 19	0 25	6 33	8 42	7 22	7 34	18 11			n.a.
F 9	2 50	0n20	2 0	2 49	1 28	15 44	1 2	9 11	1 7	23 15	0 4	8 49	2 16	0 7	0 38	23 19	0 25	6 33	8 42	7 21	7 33	18 11			n.a.
S 10	3 14	4 35	0 49	2 5	1 23	16 10	1 5	8 56	1 7	23 16	0 3	8 47	2 16	0 9	0 38	23 19	0 25	6 34	8 41	7 21	7 32	18 10			n.a.
S 11	3 38	8 41	0s25	1 21	1 17	16 36	1 8	8 41	1 7	23 16	0 3	8 44	2 16	0 11	0 38	23 19	0 25	6 35	8 41	7 21	7 30	18 9			n.a.
M12	4 2	12 24	1 39	0 37	1 11	17 2	1 11	8 25	1 7	23 16	0 3	8 42	2 16	0 12	0 38	23 19	0 25	6 36	8 41	7 21	7 29	18 9			n.a.
T 13	4 27	15 28	2 49	0s 8	1 5	17 27	1 13	8 10	1 7	23 16	0 3	8 39	2 17	0 14	0 38	23 19	0 25	6 37	8 41	7 21	7 28	18 8			n.a.
W14	4 51	17 38	3 49	0 52	0 59	17 51	1 16	7 54	1 7	23 16	0 3	8 37	2 17	0 15	0 38	23 19	0 25	6 38	8 41	7 22	7 27	18 7			n.a.
T 15	5 15	18 45	4 36	1 37	0 52	18 16	1 18	7 38	1 6	23 16	0 3	8 34	2 17	0 17	0 38	23 19	0 25	6 39	8 40	7 22	7 25	18 7			n.a.
F 16	5 39	18 41	5 6	2 21	0 46	18 39	1 21	7 22	1 6	23 17	0 3	8 32	2 17	0 18	0 38	23 20	0 25	6 39	8 40	7 22	7 24	18 6			n.a.
S 17	6 3	17 27	5 17	3 5	0 39	19 3	1 23	7 7	1 6	23 17	0 3	8 29	2 17	0 20	0 38	23 20	0 25	6 40	8 40	7 22	7 23	18 5			n.a.
S 18	6 26	15 9	5 9	3 49	0 33	19 25	1 26	6 51	1 6	23 17	0 2	8 27	2 17	0 21	0 38	23 20	0 25	6 41	8 40	7 22	7 22	18 4			n.a.
M19	6 50	11 57	4 43	4 33	0 26	19 48	1 28	6 35	1 6	23 17	0 2	8 24	2 17	0 23	0 38	23 20	0 25	6 42	8 39	7 22	7 21	18 4			n.a.
T 20	7 14	8 6	4 0	5 16	0 20	20 9	1 31	6 19	1 5	23 17	0 2	8 22	2 18	0 24	0 38	23 20	0 25	6 43	8 39	7 22	7 19	18 3			n.a.
W21	7 37	3 51	3 3	6 0	0 13	20 30	1 33	6 3	1 5	23 17	0 2	8 20	2 18	0 25	0 38	23 20	0 25	6 44	8 39	7 22	7 18	18 2			n.a.
T 22	8 1	0s34	1 57	6 43	0 7	20 51	1 35	5 47	1 5	23 17	0 2	8 17	2 18	0 27	0 38	23 20	0 25	6 45	8 39	7 22	7 17	18 1			n.a.
F 23	8 24	4 54	0 44	7 26	0 0	21 11	1 37	5 31	1 5	23 17	0 2	8 15	2 18	0 28	0 38	23 20	0 25	6 45	8 39	7 22	7 16	18 1			n.a.
S 24	8 47	8 54	0n29	8 8	0s 6	21 30	1 39	5 15	1 5	23 17	0 2	8 13	2 18	0 30	0 38	23 20	0 25	6 46	8 39	7 22	7 14	18 0			n.a.
S 25	9 10	12 24	1 39	8 50	0 13	21 49	1 42	4 58	1 4	23 17	0 1	8 10	2 18	0 31	0 38	23 20	0 25	6 47	8 38	7 22	7 13	17 59			n.a.
M26	9 33	15 15	2 43	9 32	0 19	22 8	1 44	4 42	1 4	23 17	0 1	8 8	2 18	0 33	0 38	23 20	0 25	6 48	8 38	7 22	7 12	17 59			n.a.
T 27	9 56	17 18	3 38	10 13	0 26	22 25	1 46	4 26	1 4	23 17	0 1	8 6	2 19	0 34	0 38	23 20	0 25	6 49	8 38	7 21	7 11	17 58			n.a.
W28	10 18	18 31	4 22	10 54	0 32	22 42	1 47	4 10	1 4	23 17	0 1	8 4	2 19	0 36	0 38	23 20	0 25	6 50	8 38	7 21	7 10	17 57			n.a.
T 29	10 41	18 52	4 53	11 34	0 38	22 59	1 49	3 53	1 3	23 17	0 1	8 2	2 19	0 37	0 38	23 20	0 25	6 50	8 38	7 20	7 8	17 56			n.a.
F 30	11 3	18 22	5 12	12 14	0 44	23 14	1 51	3 37	1 3	23 16	0 1	7 59	2 19	0 38	0 38	23 20	0 24	6 51	8 38	7 20	7 7	17 56			n.a.
S 31	11s25	17s 4	5n17	12s53	0s50	23s29	1s53	3n21	1n 3	23n16	0s 1	7n57	2n19	0s40	0n38	23s20	0n24	6s52	8n37	7s20	7s 6	17s55			n.a.

Julian Day Number = 1369230.5, Delta T = 06h52m08s
Ecliptic obliquity = 23°48'29, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°23'17, Lahiri = -17°16'16 Julian Calendar 1 Oct. 965 BCE == Greg. Calendar 22 Sept. 965 BCE

The year -964 astronomical counting style corresponds to year 965 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 965 BCE
geocentric

NOVEMBER 965 BCE (-964) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 4 31	0♏22'31	1♒53	2♏51	7♐13	24♍46	18°R14	15♍33	3♎ 8	26♐ 6	10♏ 5	18°D25	17♎46	14♑29	n.a.	S 1
M 2	2 8 28	1°23'40	13°52	4°26	8°25	25°26	18♊11	15°39	3°12	26° 8	10° 7	18♎25	17°43	14°36	n.a.	M 2
T 3	2 12 24	2°24'49	26° 2	6° 0	9°38	26° 6	18° 7	15°44	3°15	26° 9	10° 9	18°26	17°40	14°43	n.a.	T 3
W 4	2 16 21	3°25'59	8♓27	7°34	10°51	26°46	18° 3	15°50	3°19	26°11	10°11	18°28	17°37	14°49	n.a.	W 4
T 5	2 20 17	4°27'09	21°10	9° 9	12° 4	27°27	17°59	15°56	3°22	26°12	10°14	18°29	17°33	14°56	n.a.	T 5
F 6	2 24 14	5°28'20	4♈15	10°43	13°17	28° 7	17°55	16° 1	3°25	26°14	10°16	18°30	17°30	15° 3	n.a.	F 6
S 7	2 28 10	6°29'31	17°42	12°18	14°29	28°47	17°50	16° 7	3°29	26°15	10°18	18°R31	17°27	15° 9	n.a.	S 7
S 8	2 32 7	7°30'43	1♉31	13°53	15°42	29°28	17°46	16°12	3°32	26°17	10°20	18°30	17°24	15°16	n.a.	S 8
M 9	2 36 4	8°31'55	15°40	15°28	16°55	0♎ 8	17°41	16°17	3°35	26°19	10°23	18°29	17°21	15°23	n.a.	M 9
T 10	2 40 0	9°33'08	0♊ 3	17° 3	18° 7	0°49	17°36	16°23	3°38	26°20	10°25	18°26	17°18	15°30	n.a.	T 10
W11	2 43 57	10°34'22	14°35	18°38	19°20	1°29	17°31	16°28	3°42	26°22	10°27	18°23	17°14	15°36	n.a.	W11
T 12	2 47 53	11°35'36	29°10	20°13	20°32	2°10	17°26	16°33	3°45	26°24	10°30	18°20	17°11	15°43	n.a.	T 12
F 13	2 51 50	12°36'51	13♋42	21°48	21°44	2°50	17°21	16°38	3°48	26°25	10°32	18°17	17° 8	15°50	n.a.	F 13
S 14	2 55 46	13°38'07	28° 5	23°23	22°57	3°31	17°15	16°43	3°51	26°27	10°34	18°15	17° 5	15°57	n.a.	S 14
S 15	2 59 43	14°39'23	12♌16	24°59	24° 9	4°11	17° 9	16°48	3°54	26°29	10°36	18°D14	17° 2	16° 3	n.a.	S 15
M16	3 3 40	15°40'40	26°13	26°34	25°21	4°52	17° 3	16°53	3°57	26°31	10°39	18°15	16°59	16°10	n.a.	M16
T 17	3 7 36	16°41'57	9♍57	28° 9	26°33	5°32	16°57	16°57	4° 0	26°33	10°41	18°16	16°55	16°17	n.a.	T 17
W18	3 11 33	17°43'15	23°26	29°44	27°45	6°13	16°51	17° 2	4° 3	26°35	10°43	18°18	16°52	16°23	n.a.	W18
T 19	3 15 29	18°44'34	6♎42	1♐20	28°57	6°54	16°45	17° 7	4° 6	26°36	10°45	18°19	16°49	16°30	n.a.	T 19
F 20	3 19 26	19°45'52	19°45	2°54	0♑ 9	7°34	16°39	17°11	4° 9	26°38	10°48	18°R19	16°46	16°37	n.a.	F 20
S 21	3 23 22	20°47'11	2♏37	4°29	1°21	8°15	16°32	17°16	4°12	26°40	10°50	18°18	16°43	16°44	n.a.	S 21
S 22	3 27 19	21°48'31	15°17	6° 3	2°32	8°56	16°25	17°20	4°15	26°42	10°52	18°16	16°39	16°50	n.a.	S 22
M23	3 31 15	22°49'50	27°46	7°37	3°44	9°36	16°19	17°24	4°18	26°44	10°54	18°11	16°36	16°57	n.a.	M23
T 24	3 35 12	23°51'09	10♐ 5	9°10	4°55	10°17	16°12	17°28	4°21	26°46	10°57	18° 5	16°33	17° 4	n.a.	T 24
W25	3 39 9	24°52'28	22°13	10°42	6° 7	10°58	16° 5	17°33	4°23	26°48	10°59	17°58	16°30	17°10	n.a.	W25
T 26	3 43 5	25°53'47	4♑14	12°14	7°18	11°39	15°58	17°37	4°26	26°50	11° 1	17°51	16°27	17°17	n.a.	T 26
F 27	3 47 2	26°55'06	16° 8	13°43	8°29	12°20	15°50	17°41	4°29	26°52	11° 3	17°44	16°24	17°24	n.a.	F 27
S 28	3 50 58	27°56'24	28° 0	15°12	9°41	13° 0	15°43	17°44	4°31	26°54	11° 6	17°38	16°20	17°31	n.a.	S 28
S 29	3 54 55	28°57'42	9♒51	16°38	10°52	13°41	15°36	17°48	4°34	26°56	11° 8	17°34	16°17	17°37	n.a.	S 29
M30	3 58 51	29♏58'59	21♒47	18♐ 2	12♑ 3	14♎22	15♊28	17♍52	4♎37	26♐58	11♏10	17♎32	16♎14	17♑44	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s47	15s 3	5n 8	13s32	0s56	23s44	1s55	3n 4	1n 3	23n16	0s 0	7n55	2n20	0s41	0n38	23s21	0n24	6s53	8n37	7s20	7s 5	17s54		n.a.
M 2	12 8	12 21	4 46	14 10	1 2	23 58	1 56	2 48	1 2	23 16	0 0	7 53	2 20	0 43	0 38	23 21	0 24	6 54	8 37	7 20	7 3	17 53		n.a.
T 3	12 30	9 6	4 11	14 47	1 8	24 11	1 58	2 31	1 2	23 16	0 0	7 51	2 20	0 44	0 38	23 21	0 24	6 55	8 37	7 20	7 2	17 52		n.a.
W 4	12 51	5 23	3 24	15 24	1 13	24 23	1 59	2 15	1 2	23 16	0 0	7 49	2 20	0 45	0 38	23 21	0 24	6 55	8 37	7 21	7 1	17 52		n.a.
T 5	13 12	1 20	2 25	16 0	1 19	24 35	2 0	1 58	1 2	23 15	0n 0	7 47	2 20	0 47	0 38	23 21	0 24	6 56	8 37	7 21	7 0	17 51		n.a.
F 6	13 33	2n54	1 18	16 36	1 24	24 45	2 2	1 42	1 1	23 15	0 0	7 45	2 20	0 48	0 38	23 21	0 24	6 57	8 37	7 22	6 58	17 50		n.a.
S 7	13 53	7 7	0 4	17 10	1 29	24 56	2 3	1 25	1 1	23 15	0 0	7 43	2 21	0 49	0 38	23 21	0 24	6 58	8 36	7 22	6 57	17 49		n.a.
S 8	14 14	11 4	1s11	17 44	1 34	25 5	2 4	1 9	1 1	23 15	0 1	7 41	2 21	0 51	0 38	23 21	0 24	6 59	8 36	7 22	6 56	17 49		n.a.
M 9	14 34	14 29	2 24	18 17	1 38	25 14	2 5	0 52	1 0	23 14	0 1	7 39	2 21	0 52	0 38	23 21	0 24	6 59	8 36	7 21	6 55	17 48		n.a.
T 10	14 54	17 4	3 29	18 49	1 43	25 22	2 6	0 35	1 0	23 14	0 1	7 37	2 21	0 53	0 38	23 21	0 24	7 0	8 36	7 20	6 54	17 47		n.a.
W11	15 13	18 34	4 21	19 20	1 47	25 29	2 7	0 19	1 0	23 14	0 1	7 35	2 21	0 55	0 38	23 21	0 24	7 1	8 36	7 19	6 52	17 46		n.a.
T 12	15 33	18 51	4 57	19 51	1 51	25 35	2 8	0 2	1 0	23 13	0 1	7 33	2 22	0 56	0 38	23 21	0 24	7 2	8 36	7 18	6 51	17 45		n.a.
F 13	15 52	17 54	5 13	20 20	1 54	25 41	2 9	0s14	0 59	23 13	0 1	7 32	2 22	0 57	0 38	23 21	0 24	7 3	8 36	7 17	6 50	17 45		n.a.
S 14	16 10	15 49	5 10	20 48	1 57	25 46	2 9	0 31	0 59	23 13	0 1	7 30	2 22	0 58	0 38	23 21	0 24	7 3	8 36	7 16	6 49	17 44		n.a.
S 15	16 29	12 47	4 47	21 15	2 0	25 50	2 10	0 48	0 59	23 12	0 2	7 28	2 22	1 0	0 38	23 22	0 24	7 4	8 36	7 15	6 47	17 43		n.a.
M16	16 47	9 5	4 8	21 41	2 3	25 54	2 10	1 4	0 58	23 12	0 2	7 26	2 23	1 1	0 38	23 22	0 24	7 5	8 36	7 16	6 46	17 42		n.a.
T 17	17 5	4 57	3 15	22 5	2 5	25 56	2 11	1 21	0 58	23 11	0 2	7 25	2 23	1 2	0 38	23 22	0 24	7 6	8 36	7 16	6 45	17 41		n.a.
W18	17 23	0 38	2 12	22 28	2 7	25 58	2 11	1 38	0 58	23 11	0 2	7 23	2 23	1 3	0 38	23 22	0 24	7 6	8 36	7 17	6 44	17 41		n.a.
T 19	17 40	3s40	1 3	22 50	2 8	25 59	2 11	1 54	0 57	23 10	0 2	7 22	2 23	1 4	0 38	23 22	0 24	7 7	8 35	7 17	6 42	17 40		n.a.
F 20	17 57	7 43	0n 8	23 11	2 9	26 0	2 11	2 11	0 57	23 10	0 2	7 20	2 23	1 6	0 38	23 22	0 24	7 8	8 35	7 17	6 41	17 39		n.a.
S 21	18 14	11 21	1 17	23 30	2 10	25 59	2 11	2 27	0 57	23 9	0 3	7 18	2 24	1 7	0 38	23 22	0 24	7 9	8 35	7 17	6 40	17 38		n.a.
S 22	18 30	14 25	2 22	23 47	2 10	25 58	2 11	2 44	0 56	23 9	0 3	7 17	2 24	1 8	0 38	23 22	0 24	7 9	8 35	7 16	6 39	17 37		n.a.
M23	18 46	16 45	3 18	24 3	2 9	25 56	2 11	3 1	0 56	23 8	0 3	7 15	2 24	1 9	0 38	23 22	0 24	7 10	8 35	7 14	6 37	17 37		n.a.
T 24	19 1	18 16	4 5	24 17	2 8	25 53	2 10	3 17	0 55	23 8	0 3	7 14	2 24	1 10	0 38	23 22	0 24	7 11	8 35	7 12	6 36	17 36		n.a.
W25	19 17	18 56	4 39	24 29	2 7	25 50	2 10	3 34	0 55	23 7	0 3	7 13	2 25	1 11	0 38	23 22	0 24	7 11	8 35	7 9	6 35	17 35		n.a.
T 26	19 32	18 43	5 1	24 39	2 4	25 45	2 9	3 50	0 55	23 7	0 3	7 11	2 25	1 12	0 38	23 22	0 24	7 12	8 35	7 6	6 34	17 34		n.a.
F 27	19 46	17 42	5 10	24 48	2 1	25 40	2 9	4 7	0 54	23 6	0 3	7 10	2 25	1 13	0 38	23 22	0 24	7 13	8 35	7 4	6 32	17 33		n.a.
S 28	20 0	15 54	5 5	24 55	1 57	25 35	2 8	4 23	0 54	23 5	0 4	7 9	2 25	1 14	0 38	23 22	0 24	7 13	8 35	7 1	6 31	17 32		n.a.
S 29	20 14	13 27	4 47	24 59	1 53	25 28	2 7	4 40	0 53	23 5	0 4	7 7	2 26	1 15	0 38	23 22	0 24	7 14	8 35	7 0	6 30	17 32		n.a.
M30	20s27	10s25	4n16	25s 2	1s47	25s21	2s 6	4s56	0n53	23n 4	0n 4	7n 6	2n26	1s16	0n38	23s23	0n24	7s15	8n35	6s59	6s29	17s31		n.a.

Julian Day Number = 1369261.5, Delta T = 06h52m07s
Ecliptic obliquity = 23°48'29, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°23'13, Lahiri = -17°16'12 Julian Calendar 1 Nov. 965 BCE == Greg. Calendar 23 Oct. 965 BCE

The year -964 astronomical counting style corresponds to year 965 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 965 BCE
geocentric

DECEMBER 965 BCE (-964) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 2 48	1♐ 0'15	3♓53	19♐23	13♉14	15♎ 3	15°R21	17♍55	4♎39	27♐ 0	11♏12	17°D31	16♎11	17♉51	n.a.	T 1
W 2	4 6 44	2° 1'31	16°13	20°41	14°24	15°44	15♊13	17°59	4°42	27° 2	11°14	17♎32	16° 8	17°58	n.a.	W 2
T 3	4 10 41	3° 2'47	28°52	21°55	15°35	16°25	15° 5	18° 2	4°44	27° 5	11°16	17°34	16° 4	18° 4	n.a.	T 3
F 4	4 14 38	4° 4'01	11♈55	23° 4	16°45	17° 6	14°57	18° 6	4°46	27° 7	11°19	17°R35	16° 1	18°11	n.a.	F 4
S 5	4 18 34	5° 5'15	25°24	24° 8	17°56	17°47	14°50	18° 9	4°49	27° 9	11°21	17°35	15°58	18°18	n.a.	S 5
S 6	4 22 31	6° 6'29	9♉22	25° 6	19° 6	18°28	14°42	18°12	4°51	27°11	11°23	17°33	15°55	18°24	n.a.	S 6
M 7	4 26 27	7° 7'41	23°46	25°57	20°16	19° 9	14°34	18°15	4°53	27°13	11°25	17°28	15°52	18°31	n.a.	M 7
T 8	4 30 24	8° 8'53	8♊31	26°40	21°26	19°50	14°26	18°18	4°55	27°15	11°27	17°22	15°49	18°38	n.a.	T 8
W 9	4 34 20	9°10'05	23°30	27°15	22°36	20°31	14°18	18°21	4°58	27°17	11°29	17°14	15°45	18°45	n.a.	W 9
T 10	4 38 17	10°11'15	8♋34	27°40	23°46	21°12	14°10	18°24	5° 0	27°20	11°31	17° 5	15°42	18°51	n.a.	T 10
F 11	4 42 14	11°12'26	23°32	27°54	24°55	21°53	14° 2	18°27	5° 2	27°22	11°33	16°57	15°39	18°58	n.a.	F 11
S 12	4 46 10	12°13'35	8♌17	27°R58	26° 5	22°34	13°54	18°29	5° 4	27°24	11°35	16°51	15°36	19° 5	n.a.	S 12
S 13	4 50 7	13°14'45	22°42	27°50	27°14	23°15	13°46	18°32	5° 6	27°26	11°37	16°46	15°33	19°12	n.a.	S 13
M14	4 54 3	14°15'53	6♍45	27°30	28°23	23°56	13°38	18°34	5° 8	27°29	11°39	16°44	15°30	19°18	n.a.	M14
T 15	4 58 0	15°17'01	20°25	26°59	29°32	24°37	13°30	18°36	5°10	27°31	11°41	16°D44	15°26	19°25	n.a.	T 15
W16	5 1 56	16°18'09	3♎44	26°17	0♒41	25°19	13°22	18°39	5°11	27°33	11°43	16°45	15°23	19°32	n.a.	W16
T 17	5 5 53	17°19'16	16°44	25°25	1°49	26° 0	13°13	18°41	5°13	27°35	11°45	16°R46	15°20	19°38	n.a.	T 17
F 18	5 9 49	18°20'22	29°29	24°24	2°58	26°41	13° 5	18°43	5°15	27°37	11°47	16°45	15°17	19°45	n.a.	F 18
S 19	5 13 46	19°21'27	12♏ 2	23°16	4° 6	27°22	12°57	18°45	5°17	27°40	11°49	16°42	15°14	19°52	n.a.	S 19
S 20	5 17 43	20°22'32	24°24	22° 4	5°14	28° 4	12°50	18°46	5°18	27°42	11°51	16°36	15°10	19°59	n.a.	S 20
M21	5 21 39	21°23'35	6♐38	20°49	6°22	28°45	12°42	18°48	5°20	27°44	11°53	16°27	15° 7	20° 5	n.a.	M21
T 22	5 25 36	22°24'38	18°45	19°33	7°29	29°26	12°34	18°50	5°21	27°47	11°55	16°15	15° 4	20°12	n.a.	T 22
W23	5 29 32	23°25'39	0♑47	18°20	8°37	0♏ 8	12°26	18°51	5°23	27°49	11°56	16° 2	15° 1	20°19	n.a.	W23
T 24	5 33 29	24°26'39	12°43	17°10	9°44	0°49	12°18	18°53	5°24	27°51	11°58	15°49	14°58	20°26	n.a.	T 24
F 25	5 37 25	25°27'38	24°35	16° 5	10°51	1°30	12°10	18°54	5°25	27°53	12° 0	15°36	14°55	20°32	n.a.	F 25
S 26	5 41 22	26°28'36	6♒26	15° 7	11°58	2°12	12° 3	18°55	5°27	27°56	12° 2	15°24	14°51	20°39	n.a.	S 26
S 27	5 45 19	27°29'32	18°17	14°17	13° 4	2°53	11°55	18°56	5°28	27°58	12° 4	15°15	14°48	20°46	n.a.	S 27
M28	5 49 15	28°30'27	0♓12	13°35	14°11	3°34	11°48	18°57	5°29	28° 0	12° 5	15° 8	14°45	20°52	n.a.	M28
T 29	5 53 12	29°31'19	12°15	13° 1	15°17	4°16	11°40	18°58	5°30	28° 2	12° 7	15° 5	14°42	20°59	n.a.	T 29
W30	5 57 8	0♑32'11	24°31	12°36	16°23	4°57	11°33	18°59	5°31	28° 5	12° 9	15° 4	14°39	21° 6	n.a.	W30
T 31	6 1 5	1♑33'00	7♈ 4	12♐19	17♒28	5♏39	11♊26	18♍59	5♎33	28♐ 7	12♏10	15°D 3	14♎36	21♉13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s41	6s55	3n34	25s 3	1s41	25s13	2s 5	5s13	0n53	23n 3	0n 4	7n 5	2n26	1s17	0n39	23s23	0n24	7s15	8n35	6s59	6s28	17s30			n.a.
W 2	20 53	3 3	2 41	25 1	1 33	25 4	2 4	5 29	0 52	23 3	0 4	7 4	2 26	1 18	0 39	23 23	0 24	7 16	8 35	6 59	6 26	17 29			n.a.
T 3	21 5	1n 4	1 39	24 58	1 25	24 55	2 3	5 45	0 52	23 2	0 4	7 3	2 27	1 19	0 39	23 23	0 24	7 17	8 35	7 0	6 25	17 28			n.a.
F 4	21 17	5 15	0 31	24 53	1 15	24 45	2 1	6 2	0 51	23 1	0 5	7 1	2 27	1 20	0 39	23 23	0 24	7 17	8 35	7 0	6 24	17 27			n.a.
S 5	21 29	9 19	0s42	24 45	1 5	24 34	2 0	6 18	0 51	23 0	0 5	7 0	2 27	1 21	0 39	23 23	0 24	7 18	8 35	7 0	6 23	17 27			n.a.
S 6	21 40	13 1	1 55	24 36	0 53	24 22	1 58	6 34	0 50	23 0	0 5	6 59	2 27	1 22	0 39	23 23	0 24	7 19	8 35	6 59	6 21	17 26			n.a.
M 7	21 50	16 4	3 2	24 25	0 40	24 10	1 56	6 50	0 50	22 59	0 5	6 58	2 28	1 23	0 39	23 23	0 24	7 19	8 35	6 58	6 20	17 25			n.a.
T 8	22 0	18 8	3 59	24 12	0 26	23 57	1 55	7 6	0 50	22 58	0 5	6 57	2 28	1 24	0 39	23 23	0 24	7 20	8 35	6 55	6 19	17 24			n.a.
W 9	22 10	18 59	4 40	23 57	0 11	23 44	1 53	7 23	0 49	22 57	0 5	6 57	2 28	1 25	0 39	23 23	0 24	7 20	8 35	6 52	6 18	17 23			n.a.
T 10	22 19	18 30	5 2	23 42	0n 6	23 30	1 51	7 39	0 49	22 57	0 5	6 56	2 29	1 25	0 39	23 23	0 24	7 21	8 35	6 49	6 16	17 22			n.a.
F 11	22 28	16 44	5 4	23 25	0 23	23 15	1 48	7 55	0 48	22 56	0 6	6 55	2 29	1 26	0 39	23 23	0 24	7 22	8 35	6 46	6 15	17 21			n.a.
S 12	22 36	13 53	4 45	23 7	0 41	23 0	1 46	8 11	0 48	22 55	0 6	6 54	2 29	1 27	0 39	23 23	0 24	7 22	8 35	6 43	6 14	17 20			n.a.
S 13	22 44	10 15	4 8	22 48	1 0	22 44	1 44	8 26	0 47	22 54	0 6	6 53	2 29	1 28	0 39	23 23	0 24	7 23	8 35	6 41	6 13	17 20			n.a.
M14	22 52	6 7	3 17	22 28	1 19	22 27	1 41	8 42	0 47	22 53	0 6	6 53	2 30	1 28	0 39	23 23	0 24	7 23	8 36	6 41	6 11	17 19			n.a.
T 15	22 59	1 46	2 16	22 9	1 38	22 10	1 38	8 58	0 46	22 52	0 6	6 52	2 30	1 29	0 39	23 23	0 24	7 24	8 36	6 41	6 10	17 18			n.a.
W16	23 5	2s33	1 9	21 49	1 57	21 52	1 36	9 14	0 46	22 52	0 6	6 51	2 30	1 30	0 39	23 24	0 24	7 24	8 36	6 41	6 9	17 17			n.a.
T 17	23 12	6 41	0 0	21 29	2 15	21 34	1 33	9 30	0 45	22 51	0 7	6 51	2 30	1 31	0 39	23 24	0 24	7 25	8 36	6 41	6 8	17 16			n.a.
F 18	23 17	10 25	1n 7	21 9	2 32	21 15	1 30	9 45	0 45	22 50	0 7	6 50	2 31	1 31	0 39	23 24	0 24	7 25	8 36	6 41	6 6	17 15			n.a.
S 19	23 22	13 37	2 11	20 50	2 48	20 56	1 27	10 1	0 44	22 49	0 7	6 50	2 31	1 32	0 39	23 24	0 24	7 26	8 36	6 39	6 5	17 14			n.a.
S 20	23 27	16 9	3 6	20 32	3 2	20 36	1 23	10 16	0 43	22 48	0 7	6 49	2 31	1 33	0 39	23 24	0 23	7 26	8 36	6 37	6 4	17 13			n.a.
M21	23 31	17 56	3 53	20 16	3 14	20 16	1 20	10 32	0 43	22 47	0 7	6 49	2 32	1 33	0 39	23 24	0 23	7 27	8 36	6 34	6 3	17 12			n.a.
T 22	23 35	18 52	4 28	20 1	3 23	19 55	1 17	10 47	0 42	22 46	0 7	6 48	2 32	1 34	0 39	23 24	0 23	7 27	8 36	6 29	6 1	17 12			n.a.
W23	23 38	18 57	4 51	19 48	3 30	19 34	1 13	11 2	0 42	22 45	0 7	6 48	2 32	1 34	0 39	23 24	0 23	7 28	8 36	6 24	6 0	17 11			n.a.
T 24	23 41	18 12	5 1	19 37	3 35	19 12	1 9	11 18	0 41	22 45	0 8	6 48	2 32	1 35	0 39	23 24	0 23	7 28	8 36	6 19	5 59	17 10			n.a.
F 25	23 44	16 39	4 58	19 28	3 37	18 50	1 6	11 33	0 41	22 44	0 8	6 48	2 33	1 35	0 39	23 24	0 23	7 29	8 36	6 14	5 58	17 9			n.a.
S 26	23 46	14 24	4 42	19 21	3 38	18 27	1 2	11 48	0 40	22 43	0 8	6 47	2 33	1 36	0 39	23 24	0 23	7 29	8 36	6 9	5 56	17 8			n.a.
S 27	23 47	11 34	4 13	19 18	3 36	18 4	0 58	12 3	0 39	22 42	0 8	6 47	2 33	1 36	0 39	23 24	0 23	7 30	8 37	6 6	5 55	17 7			n.a.
M28	23 48	8 14	3 34	19 16	3 32	17 41	0 53	12 18	0 39	22 41	0 8	6 47	2 34	1 37	0 39	23 24	0 23	7 30	8 37	6 3	5 54	17 6			n.a.
T 29	23 48	4 32	2 44	19 17	3 27	17 17	0 49	12 32	0 38	22 40	0 8	6 47	2 34	1 37	0 39	23 24	0 23	7 30	8 37	6 2	5 53	17 5			n.a.
W30	23 48	0 35	1 47	19 21	3 20	16 53	0 45	12 47	0 37	22 39	0 8	6 47	2 34	1 38	0 39	23 24	0 23	7 31	8 37	6 1	5 51	17 4			n.a.
T 31	23s48	3n29	0n42	19s26	3n13	16s28	0s40	13s 2	0n37	22n38	0n 9	6n47	2n34	1s38	0n39	23s24	0n23	7s31	8n37	6s 1	5s50	17s 3			n.a.

Julian Day Number = 1369291.5, Delta T = 06h52m05s
Ecliptic obliquity = 23°48'28, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°23'09, Lahiri = -17°16'08 Julian Calendar 1 Dec. 965 BCE == Greg. Calendar 22 Nov. 965 BCE

The year -964 astronomical counting style corresponds to year 965 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 964 BCE
geocentric

JANUARY 964 BCE (-963) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 5 1	2♑33'48	20♈ 0	12°R10	18♒33	6♏20	11°R19	19♍ 0	5♎34	28♐ 9	12♏12	15°R 3	14♎32	21♑19	n.a.	F 1
S 2	6 8 58	3°34'34	3♉22	12°D 9	19°38	7° 2	11♊12	19° 1	5°34	28°12	12°14	15♎ 2	14°29	21°26	n.a.	S 2
S 3	6 12 54	4°35'19	17°14	12♐15	20°43	7°43	11° 5	19° 1	5°35	28°14	12°15	14°59	14°26	21°33	n.a.	S 3
M 4	6 16 51	5°36'01	1♊37	12°28	21°47	8°25	10°58	19° 1	5°36	28°16	12°17	14°53	14°23	21°39	n.a.	M 4
T 5	6 20 48	6°36'42	16°26	12°47	22°51	9° 6	10°52	19° 1	5°37	28°18	12°18	14°44	14°20	21°46	n.a.	T 5
W 6	6 24 44	7°37'22	1♋36	13°12	23°55	9°48	10°45	19°R 1	5°38	28°21	12°20	14°34	14°16	21°53	n.a.	W 6
T 7	6 28 41	8°37'59	16°56	13°42	24°59	10°29	10°39	19° 1	5°38	28°23	12°21	14°22	14°13	22° 0	n.a.	T 7
F 8	6 32 37	9°38'35	2♌14	14°17	26° 2	11°11	10°33	19° 1	5°39	28°25	12°23	14°11	14°10	22° 6	n.a.	F 8
S 9	6 36 34	10°39'10	17°19	14°57	27° 4	11°52	10°26	19° 1	5°39	28°27	12°24	14° 2	14° 7	22°13	n.a.	S 9
S 10	6 40 30	11°39'43	2♍ 3	15°41	28° 7	12°34	10°20	19° 0	5°40	28°30	12°25	13°55	14° 4	22°20	n.a.	S 10
M11	6 44 27	12°40'14	16°21	16°28	29° 9	13°16	10°15	19° 0	5°40	28°32	12°27	13°51	14° 1	22°27	n.a.	M11
T 12	6 48 23	13°40'44	0♎ 9	17°20	0♓10	13°57	10° 9	18°59	5°41	28°34	12°28	13°50	13°57	22°33	n.a.	T 12
W13	6 52 20	14°41'13	13°32	18°14	1°11	14°39	10° 3	18°59	5°41	28°36	12°29	13°49	13°54	22°40	n.a.	W13
T 14	6 56 17	15°41'40	26°30	19°11	2°12	15°21	9°58	18°58	5°41	28°38	12°31	13°49	13°51	22°47	n.a.	T 14
F 15	7 0 13	16°42'05	9♏ 8	20°12	3°12	16° 2	9°53	18°57	5°42	28°41	12°32	13°48	13°48	22°53	n.a.	F 15
S 16	7 4 10	17°42'29	21°32	21°14	4°12	16°44	9°48	18°56	5°42	28°43	12°33	13°44	13°45	23° 0	n.a.	S 16
S 17	7 8 6	18°42'52	3♐43	22°20	5°12	17°26	9°43	18°55	5°42	28°45	12°34	13°38	13°42	23° 7	n.a.	S 17
M18	7 12 3	19°43'12	15°47	23°27	6°11	18° 8	9°38	18°54	5°R42	28°47	12°36	13°28	13°38	23°14	n.a.	M18
T 19	7 15 59	20°43'31	27°45	24°36	7° 9	18°49	9°34	18°53	5°42	28°49	12°37	13°16	13°35	23°20	n.a.	T 19
W20	7 19 56	21°43'48	9♑39	25°48	8° 7	19°31	9°29	18°51	5°42	28°51	12°38	13° 2	13°32	23°27	n.a.	W20
T 21	7 23 52	22°44'04	21°32	27° 1	9° 5	20°13	9°25	18°50	5°42	28°54	12°39	12°47	13°29	23°34	n.a.	T 21
F 22	7 27 49	23°44'17	3♒24	28°16	10° 2	20°55	9°21	18°48	5°42	28°56	12°40	12°32	13°26	23°41	n.a.	F 22
S 23	7 31 46	24°44'28	15°16	29°33	10°58	21°37	9°17	18°47	5°41	28°58	12°41	12°20	13°22	23°47	n.a.	S 23
S 24	7 35 42	25°44'38	27°11	0♑51	11°54	22°18	9°13	18°45	5°41	29° 0	12°42	12° 9	13°19	23°54	n.a.	S 24
M25	7 39 39	26°44'45	9♓10	2°11	12°49	23° 0	9°10	18°43	5°41	29° 2	12°43	12° 2	13°16	24° 1	n.a.	M25
T 26	7 43 35	27°44'49	21°16	3°32	13°43	23°42	9° 7	18°41	5°40	29° 4	12°44	11°58	13°13	24° 7	n.a.	T 26
W27	7 47 32	28°44'52	3♈33	4°55	14°37	24°24	9° 3	18°39	5°40	29° 6	12°45	11°56	13°10	24°14	n.a.	W27
T 28	7 51 28	29°44'52	16° 5	6°19	15°31	25° 6	9° 1	18°37	5°39	29° 8	12°46	11°D56	13° 7	24°21	n.a.	T 28
F 29	7 55 25	0♒44'50	28°56	7°44	16°23	25°47	8°58	18°35	5°39	29°10	12°46	11°R56	13° 3	24°28	n.a.	F 29
S 30	7 59 21	1°44'46	12♉11	9°11	17°15	26°29	8°55	18°32	5°38	29°12	12°47	11°56	13° 0	24°34	n.a.	S 30
S 31	8 3 18	2♒44'39	25♉53	10♑39	18♓ 6	27♏11	8♊53	18♍30	5♎38	29♐14	12♏48	11♎53	12♎57	24♑41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s47	7n32	0s26	19s33	3n 4	16s 4	0s36	13s16	0n36	22n38	0n 9	6n47	2n35	1s38	0n39	23s24	0n23	7s32	8n37	6s 1	5s49	17s 2		n.a.
S 2	23 45	11 20	1 35	19 42	2 55	15 39	0 31	13 31	0 36	22 37	0 9	6 47	2 35	1 39	0 39	23 24	0 23	7 32	8 37	6 1	5 48	17 2		n.a.
S 3	23 44	14 40	2 41	19 53	2 45	15 13	0 26	13 45	0 35	22 36	0 9	6 47	2 35	1 39	0 39	23 24	0 23	7 32	8 37	5 59	5 46	17 1		n.a.
M 4	23 41	17 13	3 40	20 4	2 35	14 48	0 21	13 59	0 34	22 35	0 9	6 47	2 36	1 39	0 39	23 24	0 23	7 33	8 37	5 57	5 45	17 0		n.a.
T 5	23 38	18 43	4 25	20 17	2 25	14 22	0 16	14 13	0 34	22 34	0 9	6 48	2 36	1 40	0 39	23 24	0 23	7 33	8 38	5 54	5 44	16 59		n.a.
W 6	23 35	18 55	4 53	20 31	2 14	13 55	0 11	14 27	0 33	22 33	0 9	6 48	2 36	1 40	0 40	23 25	0 23	7 33	8 38	5 50	5 43	16 58		n.a.
T 7	23 31	17 45	5 0	20 45	2 3	13 29	0 6	14 41	0 32	22 33	0 10	6 48	2 36	1 40	0 40	23 25	0 23	7 34	8 38	5 45	5 41	16 57		n.a.
F 8	23 27	15 20	4 46	21 0	1 52	13 2	0 0	14 55	0 31	22 32	0 10	6 48	2 37	1 40	0 40	23 25	0 23	7 34	8 38	5 41	5 40	16 56		n.a.
S 9	23 22	11 53	4 12	21 16	1 41	12 36	0n 5	15 9	0 31	22 31	0 10	6 49	2 37	1 41	0 40	23 25	0 23	7 34	8 38	5 37	5 39	16 55		n.a.
S 10	23 17	7 47	3 21	21 31	1 31	12 9	0 11	15 22	0 30	22 30	0 10	6 49	2 37	1 41	0 40	23 25	0 23	7 34	8 38	5 34	5 38	16 54		n.a.
M11	23 12	3 20	2 20	21 47	1 20	11 41	0 17	15 36	0 29	22 30	0 10	6 50	2 38	1 41	0 40	23 25	0 23	7 35	8 38	5 33	5 36	16 53		n.a.
T 12	23 6	1s 9	1 12	22 3	1 9	11 14	0 22	15 49	0 28	22 29	0 10	6 50	2 38	1 41	0 40	23 25	0 23	7 35	8 39	5 32	5 35	16 52		n.a.
W13	22 59	5 26	0 2	22 18	0 59	10 47	0 28	16 2	0 28	22 28	0 10	6 51	2 38	1 41	0 40	23 25	0 23	7 35	8 39	5 32	5 34	16 51		n.a.
T 14	22 52	9 21	1n 6	22 33	0 48	10 19	0 34	16 16	0 27	22 28	0 10	6 51	2 38	1 41	0 40	23 25	0 23	7 35	8 39	5 32	5 33	16 50		n.a.
F 15	22 45	12 43	2 9	22 48	0 38	9 51	0 41	16 29	0 26	22 27	0 11	6 52	2 39	1 41	0 40	23 25	0 23	7 36	8 39	5 31	5 31	16 49		n.a.
S 16	22 37	15 27	3 5	23 3	0 28	9 24	0 47	16 41	0 25	22 26	0 11	6 52	2 39	1 41	0 40	23 25	0 23	7 36	8 39	5 30	5 30	16 48		n.a.
S 17	22 29	17 26	3 51	23 16	0 19	8 56	0 53	16 54	0 25	22 26	0 11	6 53	2 39	1 41	0 40	23 25	0 23	7 36	8 39	5 27	5 29	16 47		n.a.
M18	22 20	18 38	4 26	23 29	0 9	8 28	1 0	17 7	0 24	22 25	0 11	6 54	2 40	1 41	0 40	23 25	0 23	7 36	8 40	5 24	5 28	16 46		n.a.
T 19	22 11	18 58	4 49	23 42	0s 0	8 0	1 6	17 19	0 23	22 24	0 11	6 55	2 40	1 41	0 40	23 25	0 23	7 36	8 40	5 19	5 26	16 45		n.a.
W20	22 1	18 29	4 59	23 53	0 9	7 32	1 13	17 32	0 22	22 24	0 11	6 55	2 40	1 41	0 40	23 25	0 23	7 37	8 40	5 13	5 25	16 44		n.a.
T 21	21 51	17 11	4 56	24 4	0 18	7 4	1 19	17 44	0 21	22 23	0 11	6 56	2 40	1 41	0 40	23 25	0 23	7 37	8 40	5 7	5 24	16 43		n.a.
F 22	21 41	15 9	4 40	24 14	0 26	6 36	1 26	17 56	0 20	22 23	0 11	6 57	2 41	1 41	0 40	23 25	0 23	7 37	8 40	5 2	5 23	16 42		n.a.
S 23	21 30	12 29	4 12	24 23	0 34	6 8	1 33	18 8	0 20	22 22	0 12	6 58	2 41	1 41	0 40	23 25	0 23	7 37	8 40	4 57	5 21	16 42		n.a.
S 24	21 19	9 18	3 33	24 31	0 42	5 40	1 40	18 20	0 19	22 22	0 12	6 59	2 41	1 41	0 40	23 25	0 23	7 37	8 41	4 53	5 20	16 41		n.a.
M25	21 8	5 43	2 44	24 37	0 50	5 12	1 47	18 31	0 18	22 22	0 12	7 0	2 41	1 41	0 40	23 25	0 23	7 37	8 41	4 50	5 19	16 40		n.a.
T 26	20 56	1 53	1 47	24 43	0 57	4 44	1 54	18 43	0 17	22 21	0 12	7 1	2 42	1 40	0 40	23 25	0 23	7 37	8 41	4 48	5 18	16 39		n.a.
W27	20 44	2n 6	0 44	24 47	1 4	4 17	2 2	18 54	0 16	22 21	0 12	7 2	2 42	1 40	0 40	23 25	0 23	7 37	8 41	4 47	5 16	16 38		n.a.
T 28	20 31	6 5	0s22	24 50	1 11	3 49	2 9	19 5	0 15	22 20	0 12	7 3	2 42	1 40	0 40	23 25	0 23	7 38	8 41	4 47	5 15	16 37		n.a.
F 29	20 18	9 53	1 29	24 52	1 17	3 22	2 16	19 16	0 14	22 20	0 12	7 4	2 42	1 40	0 40	23 25	0 23	7 38	8 41	4 47	5 14	16 36		n.a.
S 30	20 5	13 18	2 33	24 52	1 23	2 55	2 24	19 27	0 13	22 20	0 12	7 5	2 43	1 39	0 40	23 25	0 23	7 38	8 42	4 47	5 13	16 35		n.a.
S 31	19s51	16n 6	3s31	24s51	1s29	2s27	2n31	19s38	0n12	22n20	0n12	7n 6	2n43	1s39	0n40	23s25	0n23	7s38	8n42	4s46	5s11	16s34		n.a.

Julian Day Number = 1369322.5, Delta T = 06h52m04s
Ecliptic obliquity = 23°48'28, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°23'04, Lahiri = -17°16'04 Julian Calendar 1 Jan. 964 BCE == Greg. Calendar 23 Dec. 965 BCE

The year -963 astronomical counting style corresponds to year 964 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 964 BCE
geocentric

FEBRUARY 964 BCE (-963) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 7 14	3♒44'30	10♊ 4	12♉ 8	18♓56	27♏53	8°R51	18°R27	5°R37	29♐16	12♏49	11°R49	12♎54	24♉48	n.a.	M 1
T 2	8 11 11	4°44'18	24°42	13°39	19°46	28°35	8♊49	18♍25	5♎36	29°18	12°49	11♎42	12°51	24°54	n.a.	T 2
W 3	8 15 8	5°44'05	9♋43	15°10	20°35	29°17	8°47	18°22	5°35	29°20	12°50	11°33	12°48	25° 1	n.a.	W 3
T 4	8 19 4	6°43'49	24°59	16°43	21°22	29°59	8°45	18°19	5°35	29°22	12°51	11°23	12°44	25° 8	n.a.	T 4
F 5	8 23 1	7°43'30	10♌19	18°17	22° 9	0♐41	8°44	18°17	5°34	29°24	12°51	11°14	12°41	25°15	n.a.	F 5
S 6	8 26 57	8°43'10	25°31	19°53	22°55	1°22	8°43	18°14	5°33	29°26	12°52	11° 6	12°38	25°21	n.a.	S 6
S 7	8 30 54	9°42'47	10♍26	21°29	23°40	2° 4	8°42	18°11	5°32	29°28	12°52	11° 0	12°35	25°28	n.a.	S 7
M 8	8 34 50	10°42'23	24°55	23° 7	24°24	2°46	8°41	18° 8	5°31	29°29	12°53	10°56	12°32	25°35	n.a.	M 8
T 9	8 38 47	11°41'56	8♎56	24°46	25° 7	3°28	8°40	18° 4	5°30	29°31	12°53	10°D55	12°28	25°42	n.a.	T 9
W10	8 42 43	12°41'28	22°27	26°26	25°49	4°10	8°40	18° 1	5°28	29°33	12°54	10°56	12°25	25°48	n.a.	W10
T 11	8 46 40	13°40'58	5♏32	28° 8	26°29	4°52	8°40	17°58	5°27	29°35	12°54	10°57	12°22	25°55	n.a.	T 11
F 12	8 50 37	14°40'26	18°14	29°51	27° 9	5°34	8°D40	17°55	5°26	29°36	12°54	10°R57	12°19	26° 2	n.a.	F 12
S 13	8 54 33	15°39'52	0♐37	1♒35	27°47	6°16	8°40	17°51	5°25	29°38	12°55	10°55	12°16	26° 8	n.a.	S 13
S 14	8 58 30	16°39'16	12°46	3°20	28°24	6°58	8°40	17°48	5°23	29°40	12°55	10°52	12°13	26°15	n.a.	S 14
M15	9 2 26	17°38'38	24°46	5° 7	29° 0	7°40	8°41	17°44	5°22	29°42	12°55	10°46	12° 9	26°22	n.a.	M15
T 16	9 6 23	18°37'58	6♑40	6°55	29°34	8°22	8°41	17°41	5°21	29°43	12°56	10°38	12° 6	26°29	n.a.	T 16
W17	9 10 19	19°37'16	18°31	8°44	0♈ 7	9° 4	8°42	17°37	5°19	29°45	12°56	10°29	12° 3	26°35	n.a.	W17
T 18	9 14 16	20°36'32	0♒22	10°34	0°39	9°46	8°43	17°33	5°18	29°47	12°56	10°19	12° 0	26°42	n.a.	T 18
F 19	9 18 12	21°35'46	12°15	12°26	1° 9	10°28	8°45	17°29	5°16	29°48	12°56	10° 9	11°57	26°49	n.a.	F 19
S 20	9 22 9	22°34'58	24°12	14°20	1°37	11°10	8°46	17°25	5°14	29°50	12°56	10° 1	11°53	26°55	n.a.	S 20
S 21	9 26 5	23°34'08	6♓14	16°14	2° 4	11°52	8°48	17°22	5°13	29°51	12°56	9°54	11°50	27° 2	n.a.	S 21
M22	9 30 2	24°33'15	18°22	18°10	2°29	12°34	8°50	17°18	5°11	29°53	12°R56	9°50	11°47	27° 9	n.a.	M22
T 23	9 33 59	25°32'20	0♈39	20° 7	2°53	13°15	8°52	17°14	5° 9	29°54	12°56	9°47	11°44	27°16	n.a.	T 23
W24	9 37 55	26°31'23	13° 6	22° 6	3°14	13°57	8°54	17°10	5° 8	29°56	12°56	9°D47	11°41	27°22	n.a.	W24
T 25	9 41 52	27°30'23	25°46	24° 5	3°34	14°39	8°56	17° 5	5° 6	29°57	12°56	9°48	11°38	27°29	n.a.	T 25
F 26	9 45 48	28°29'21	8♉42	26° 6	3°52	15°21	8°59	17° 1	5° 4	29°58	12°56	9°49	11°34	27°36	n.a.	F 26
S 27	9 49 45	29°28'17	21°58	28° 8	4° 7	16° 3	9° 2	16°57	5° 2	29°59	12°56	9°50	11°31	27°42	n.a.	S 27
S 28	9 53 41	0♓27'10	5♊35	0♓11	4♈21	16♐45	9♊ 5	16♍53	5♎ 0	0♑ 1	12♏56	9°R51	11♎28	27♉49	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s37	18n 3	4s18	24s48	1s34	2s 0	2n39	19s48	0n11	22n19	0n13	7n 8	2n43	1s39	0n40	23s25	0n23	7s38	8n42	4s44	5s10	16s33		n.a.
T 2	19 22	18 52	4 50	24 44	1 39	1 34	2 47	19 59	0 11	22 19	0 13	7 9	2 43	1 39	0 40	23 25	0 23	7 38	8 42	4 42	5 9	16 32		n.a.
W 3	19 8	18 25	5 3	24 39	1 43	1 7	2 55	20 9	0 10	22 19	0 13	7 10	2 44	1 38	0 40	23 25	0 23	7 38	8 42	4 38	5 8	16 31		n.a.
T 4	18 53	16 38	4 55	24 31	1 48	0 41	3 2	20 19	0 9	22 19	0 13	7 11	2 44	1 38	0 40	23 25	0 23	7 38	8 43	4 34	5 6	16 30		n.a.
F 5	18 37	13 40	4 25	24 23	1 52	0 15	3 10	20 29	0 8	22 19	0 13	7 13	2 44	1 37	0 40	23 25	0 23	7 38	8 43	4 31	5 5	16 29		n.a.
S 6	18 21	9 48	3 37	24 12	1 55	0n10	3 18	20 39	0 7	22 19	0 13	7 14	2 44	1 37	0 40	23 25	0 23	7 38	8 43	4 27	5 4	16 28		n.a.
S 7	18 5	5 23	2 35	24 0	1 58	0 36	3 26	20 48	0 6	22 18	0 13	7 16	2 44	1 37	0 40	23 25	0 23	7 38	8 43	4 25	5 3	16 27		n.a.
M 8	17 49	0 46	1 24	23 46	2 1	1 1	3 34	20 58	0 5	22 18	0 13	7 17	2 45	1 36	0 41	23 25	0 23	7 38	8 43	4 24	5 1	16 26		n.a.
T 9	17 32	3s45	0 11	23 31	2 3	1 25	3 42	21 7	0 4	22 18	0 13	7 18	2 45	1 36	0 41	23 25	0 23	7 38	8 44	4 23	5 0	16 24		n.a.
W10	17 16	7 55	1n 1	23 14	2 5	1 50	3 51	21 16	0 2	22 18	0 13	7 20	2 45	1 35	0 41	23 25	0 23	7 38	8 44	4 23	4 59	16 23		n.a.
T 11	16 58	11 34	2 8	22 55	2 6	2 14	3 59	21 25	0 1	22 19	0 14	7 21	2 45	1 35	0 41	23 25	0 23	7 38	8 44	4 24	4 58	16 22		n.a.
F 12	16 41	14 33	3 6	22 34	2 7	2 37	4 7	21 33	0 0	22 19	0 14	7 23	2 45	1 34	0 41	23 25	0 23	7 37	8 44	4 24	4 56	16 21		n.a.
S 13	16 23	16 47	3 54	22 11	2 8	3 0	4 15	21 42	0s 1	22 19	0 14	7 24	2 46	1 34	0 41	23 25	0 23	7 37	8 44	4 23	4 55	16 20		n.a.
S 14	16 5	18 13	4 30	21 46	2 8	3 22	4 24	21 50	0 2	22 19	0 14	7 26	2 46	1 33	0 41	23 25	0 23	7 37	8 45	4 22	4 54	16 19		n.a.
M15	15 47	18 48	4 54	21 20	2 7	3 44	4 32	21 58	0 3	22 19	0 14	7 27	2 46	1 33	0 41	23 25	0 23	7 37	8 45	4 20	4 53	16 18		n.a.
T 16	15 28	18 33	5 5	20 52	2 6	4 6	4 40	22 6	0 4	22 19	0 14	7 29	2 46	1 32	0 41	23 25	0 23	7 37	8 45	4 16	4 51	16 17		n.a.
W17	15 10	17 30	5 3	20 21	2 5	4 27	4 48	22 14	0 5	22 20	0 14	7 31	2 46	1 31	0 41	23 25	0 23	7 37	8 45	4 13	4 50	16 16		n.a.
T 18	14 51	15 42	4 48	19 49	2 3	4 47	4 57	22 22	0 6	22 20	0 14	7 32	2 46	1 31	0 41	23 25	0 23	7 37	8 45	4 9	4 49	16 15		n.a.
F 19	14 31	13 14	4 20	19 15	2 0	5 7	5 5	22 29	0 7	22 20	0 14	7 34	2 47	1 30	0 41	23 25	0 23	7 37	8 45	4 5	4 48	16 14		n.a.
S 20	14 12	10 12	3 41	18 39	1 57	5 26	5 13	22 36	0 9	22 20	0 14	7 36	2 47	1 29	0 41	23 25	0 23	7 37	8 46	4 2	4 46	16 13		n.a.
S 21	13 52	6 43	2 51	18 1	1 54	5 44	5 21	22 43	0 10	22 21	0 14	7 37	2 47	1 29	0 41	23 25	0 23	7 36	8 46	3 59	4 45	16 12		n.a.
M22	13 32	2 56	1 53	17 21	1 50	6 1	5 29	22 50	0 11	22 21	0 15	7 39	2 47	1 28	0 41	23 25	0 23	7 36	8 46	3 57	4 44	16 11		n.a.
T 23	13 12	1n 1	0 49	16 39	1 45	6 18	5 37	22 56	0 12	22 22	0 15	7 41	2 47	1 27	0 41	23 25	0 23	7 36	8 46	3 56	4 43	16 10		n.a.
W24	12 52	4 58	0s18	15 56	1 40	6 34	5 45	23 3	0 13	22 22	0 15	7 43	2 47	1 27	0 41	23 25	0 23	7 36	8 46	3 56	4 41	16 9		n.a.
T 25	12 31	8 47	1 26	15 10	1 34	6 49	5 53	23 9	0 15	22 22	0 15	7 44	2 48	1 26	0 41	23 25	0 23	7 36	8 47	3 56	4 40	16 8		n.a.
F 26	12 11	12 15	2 30	14 23	1 28	7 3	6 1	23 15	0 16	22 23	0 15	7 46	2 48	1 25	0 41	23 25	0 23	7 35	8 47	3 57	4 39	16 7		n.a.
S 27	11 50	15 11	3 29	13 34	1 21	7 17	6 8	23 21	0 17	22 23	0 15	7 48	2 48	1 24	0 41	23 25	0 23	7 35	8 47	3 57	4 37	16 6		n.a.
S 28	11s29	17n21	4s17	12s43	1s13	7n29	6n16	23s26	0s18	22n24	0n15	7n50	2n48	1s24	0n41	23s25	0n23	7s35	8n47	3s57	4s36	16s 5		n.a.

Julian Day Number = 1369353.5, Delta T = 06h52m02s
Ecliptic obliquity = 23°48'28, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°23'00, Lahiri = -17°16'00 Julian Calendar 1 Feb. 964 BCE == Greg. Calendar 23 Jan. 964 BCE

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ASTRODIENST EPHEMERIS for the year 964 BCE
geocentric

MARCH 964 BCE (-963) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 57 38	1♓26'01	19♊34	2♓14	4♈32	17♐27	9♊ 8	16°R49	4°R58	0♑ 3	12°R56	9°R49	11♎25	27♑56	n.a.	M 1
T 2	10 1 34	2°24'49	3♋57	4°19	4°42	18° 9	9°11	16♍44	4♎56	0° 4	12♏55	9♎46	11°22	28° 3	n.a.	T 2
W 3	10 5 31	3°23'35	18°39	6°24	4°49	18°51	9°15	16°40	4°54	0° 5	12°55	9°42	11°19	28° 9	n.a.	W 3
T 4	10 9 28	4°22'18	3♌36	8°29	4°53	19°32	9°18	16°36	4°52	0° 6	12°55	9°37	11°15	28°16	n.a.	T 4
F 5	10 13 24	5°21'00	18°39	10°34	4°R56	20°14	9°22	16°31	4°50	0° 8	12°55	9°32	11°12	28°23	n.a.	F 5
S 6	10 17 21	6°19'39	3♍39	12°40	4°56	20°56	9°26	16°27	4°48	0° 9	12°54	9°27	11° 9	28°29	n.a.	S 6
S 7	10 21 17	7°18'15	18°27	14°45	4°53	21°38	9°30	16°22	4°46	0°10	12°54	9°24	11° 6	28°36	n.a.	S 7
M 8	10 25 14	8°16'50	2♎56	16°49	4°48	22°20	9°35	16°18	4°44	0°11	12°53	9°D23	11° 3	28°43	n.a.	M 8
T 9	10 29 10	9°15'23	17° 1	18°52	4°41	23° 1	9°39	16°13	4°42	0°12	12°53	9°23	10°59	28°50	n.a.	T 9
W10	10 33 7	10°13'54	0♏39	20°54	4°31	23°43	9°44	16° 9	4°39	0°13	12°52	9°24	10°56	28°56	n.a.	W10
T 11	10 37 3	11°12'23	13°51	22°54	4°19	24°25	9°49	16° 5	4°37	0°14	12°52	9°26	10°53	29° 3	n.a.	T 11
F 12	10 41 0	12°10'51	26°39	24°52	4° 4	25° 7	9°54	16° 0	4°35	0°15	12°51	9°27	10°50	29°10	n.a.	F 12
S 13	10 44 56	13° 9'17	9♐ 7	26°48	3°47	25°48	9°59	15°55	4°33	0°16	12°51	9°R28	10°47	29°17	n.a.	S 13
S 14	10 48 53	14° 7'41	21°18	28°41	3°27	26°30	10° 4	15°51	4°30	0°17	12°50	9°28	10°44	29°23	n.a.	S 14
M15	10 52 50	15° 6'03	3♑19	0♈31	3° 5	27°12	10°10	15°46	4°28	0°18	12°50	9°27	10°40	29°30	n.a.	M15
T 16	10 56 46	16° 4'24	15°13	2°17	2°41	27°53	10°15	15°42	4°26	0°19	12°49	9°24	10°37	29°37	n.a.	T 16
W17	11 0 43	17° 2'43	27° 4	4° 1	2°15	28°35	10°21	15°37	4°23	0°20	12°48	9°21	10°34	29°43	n.a.	W17
T 18	11 4 39	18° 1'00	8♒56	5°40	1°47	29°17	10°27	15°33	4°21	0°21	12°48	9°18	10°31	29°50	n.a.	T 18
F 19	11 8 36	18°59'15	20°52	7°16	1°17	29°58	10°33	15°28	4°19	0°21	12°47	9°14	10°28	29°57	n.a.	F 19
S 20	11 12 32	19°57'29	2♓55	8°48	0°45	0♑40	10°39	15°24	4°16	0°22	12°46	9°11	10°25	0♒ 4	n.a.	S 20
S 21	11 16 29	20°55'40	15° 7	10°15	0°12	1°21	10°46	15°19	4°14	0°23	12°45	9° 9	10°21	0°10	n.a.	S 21
M22	11 20 25	21°53'50	27°28	11°38	29♓37	2° 3	10°52	15°15	4°11	0°24	12°44	9° 8	10°18	0°17	n.a.	M22
T 23	11 24 22	22°51'58	10♈ 1	12°57	29° 2	2°44	10°59	15°10	4° 9	0°24	12°44	9°D 7	10°15	0°24	n.a.	T 23
W24	11 28 18	23°50'04	22°46	14°11	28°25	3°26	11° 6	15° 6	4° 6	0°25	12°43	9° 8	10°12	0°30	n.a.	W24
T 25	11 32 15	24°48'08	5♉44	15°21	27°47	4° 7	11°13	15° 1	4° 4	0°25	12°42	9° 9	10° 9	0°37	n.a.	T 25
F 26	11 36 12	25°46'11	18°56	16°25	27°10	4°48	11°20	14°57	4° 1	0°26	12°41	9°10	10° 5	0°44	n.a.	F 26
S 27	11 40 8	26°44'11	2♊22	17°25	26°32	5°30	11°27	14°53	3°59	0°27	12°40	9°11	10° 2	0°51	n.a.	S 27
S 28	11 44 5	27°42'09	16° 5	18°20	25°54	6°11	11°34	14°48	3°56	0°27	12°39	9°12	9°59	0°57	n.a.	S 28
M29	11 48 1	28°40'05	0♋ 2	19°11	25°16	6°52	11°42	14°44	3°54	0°28	12°38	9°R12	9°56	1° 4	n.a.	M29
T 30	11 51 58	29°38'00	14°14	19°56	24°39	7°33	11°49	14°40	3°51	0°28	12°37	9°12	9°53	1°11	n.a.	T 30
W31	11 55 54	0♈35'52	28♋38	20♈36	24♓ 2	8♑14	11♊57	14♍35	3♎49	0♑28	12♏36	9♎11	9♎50	1♒17	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s 8	18n33	4s52	11s51	1s 5	7n40	6n23	23s32	0s20	22n25	0n15	7n51	2n48	1s23	0n41	23s25	0n23	7s35	8n47	3s57	4s35	16s 4		n.a.
T 2	10 46	18 36	5 9	10 57	0 57	7 50	6 30	23 37	0 21	22 25	0 15	7 53	2 48	1 22	0 41	23 25	0 23	7 35	8 48	3 56	4 34	16 2		n.a.
W 3	10 25	17 25	5 7	10 2	0 48	7 59	6 37	23 42	0 22	22 26	0 15	7 55	2 48	1 21	0 41	23 25	0 23	7 34	8 48	3 54	4 32	16 1		n.a.
T 4	10 3	15 2	4 44	9 6	0 38	8 7	6 43	23 47	0 23	22 26	0 15	7 57	2 48	1 20	0 41	23 25	0 23	7 34	8 48	3 52	4 31	16 0		n.a.
F 5	9 42	11 38	4 2	8 9	0 28	8 14	6 50	23 51	0 25	22 27	0 15	7 59	2 48	1 19	0 41	23 25	0 23	7 34	8 48	3 50	4 30	15 59		n.a.
S 6	9 20	7 29	3 3	7 11	0 18	8 19	6 56	23 56	0 26	22 28	0 16	8 0	2 48	1 19	0 41	23 25	0 23	7 33	8 48	3 48	4 29	15 58		n.a.
S 7	8 58	2 55	1 52	6 12	0 7	8 24	7 1	24 0	0 27	22 28	0 16	8 2	2 49	1 18	0 41	23 25	0 23	7 33	8 48	3 47	4 27	15 57		n.a.
M 8	8 35	1s43	0 35	5 13	0n 4	8 26	7 6	24 4	0 29	22 29	0 16	8 4	2 49	1 17	0 41	23 25	0 23	7 33	8 49	3 46	4 26	15 56		n.a.
T 9	8 13	6 9	0n42	4 14	0 15	8 28	7 11	24 7	0 30	22 30	0 16	8 6	2 49	1 16	0 41	23 25	0 23	7 33	8 49	3 46	4 25	15 55		n.a.
W10	7 51	10 6	1 54	3 15	0 27	8 28	7 15	24 11	0 32	22 31	0 16	8 8	2 49	1 15	0 41	23 25	0 23	7 32	8 49	3 47	4 24	15 54		n.a.
T 11	7 28	13 25	2 58	2 17	0 38	8 26	7 19	24 14	0 33	22 32	0 16	8 10	2 49	1 14	0 41	23 25	0 23	7 32	8 49	3 48	4 22	15 53		n.a.
F 12	7 6	15 58	3 51	1 19	0 49	8 23	7 22	24 17	0 34	22 32	0 16	8 11	2 49	1 13	0 41	23 25	0 23	7 32	8 49	3 48	4 21	15 52		n.a.
S 13	6 43	17 41	4 31	0 22	1 1	8 19	7 25	24 20	0 36	22 33	0 16	8 13	2 49	1 12	0 41	23 25	0 23	7 31	8 49	3 48	4 20	15 51		n.a.
S 14	6 20	18 33	4 59	0n34	1 12	8 13	7 27	24 23	0 37	22 34	0 16	8 15	2 49	1 11	0 41	23 25	0 23	7 31	8 50	3 48	4 19	15 49		n.a.
M15	5 57	18 34	5 12	1 28	1 23	8 5	7 29	24 25	0 39	22 35	0 16	8 17	2 49	1 10	0 41	23 25	0 23	7 31	8 50	3 48	4 17	15 48		n.a.
T 16	5 35	17 45	5 12	2 21	1 34	7 56	7 29	24 27	0 40	22 36	0 16	8 19	2 49	1 10	0 41	23 25	0 23	7 30	8 50	3 47	4 16	15 47		n.a.
W17	5 12	16 10	4 59	3 12	1 44	7 46	7 29	24 30	0 42	22 37	0 16	8 20	2 49	1 9	0 41	23 25	0 23	7 30	8 50	3 46	4 15	15 46		n.a.
T 18	4 48	13 54	4 33	4 1	1 54	7 34	7 29	24 31	0 43	22 38	0 16	8 22	2 49	1 8	0 41	23 25	0 23	7 30	8 50	3 44	4 13	15 45		n.a.
F 19	4 25	11 3	3 55	4 48	2 3	7 20	7 27	24 33	0 44	22 39	0 17	8 24	2 49	1 7	0 41	23 25	0 23	7 29	8 50	3 43	4 12	15 44		n.a.
S 20	4 2	7 42	3 7	5 33	2 12	7 5	7 25	24 34	0 46	22 40	0 17	8 26	2 49	1 6	0 41	23 25	0 23	7 29	8 50	3 42	4 11	15 43		n.a.
S 21	3 39	3 59	2 9	6 15	2 20	6 49	7 22	24 36	0 47	22 41	0 17	8 28	2 49	1 5	0 41	23 25	0 23	7 29	8 51	3 41	4 10	15 42		n.a.
M22	3 16	0 3	1 4	6 55	2 27	6 31	7 18	24 37	0 49	22 42	0 17	8 29	2 49	1 4	0 41	23 25	0 23	7 28	8 51	3 40	4 8	15 41		n.a.
T 23	2 52	3n57	0s 5	7 32	2 34	6 13	7 13	24 37	0 51	22 43	0 17	8 31	2 49	1 3	0 41	23 25	0 23	7 28	8 51	3 40	4 7	15 39		n.a.
W24	2 29	7 50	1 15	8 7	2 39	5 53	7 8	24 38	0 52	22 44	0 17	8 33	2 49	1 2	0 41	23 25	0 23	7 28	8 51	3 40	4 6	15 38		n.a.
T 25	2 6	11 24	2 22	8 39	2 44	5 32	7 1	24 38	0 54	22 45	0 17	8 35	2 49	1 1	0 41	23 25	0 23	7 27	8 51	3 41	4 5	15 37		n.a.
F 26	1 42	14 28	3 23	9 8	2 49	5 10	6 54	24 38	0 55	22 46	0 17	8 36	2 49	1 0	0 41	23 25	0 23	7 27	8 51	3 41	4 3	15 36		n.a.
S 27	1 19	16 49	4 14	9 35	2 52	4 47	6 46	24 38	0 57	22 47	0 17	8 38	2 49	0 59	0 41	23 25	0 23	7 26	8 51	3 42	4 2	15 35		n.a.
S 28	0 56	18 14	4 51	9 58	2 54	4 24	6 37	24 38	0 58	22 48	0 17	8 40	2 49	0 58	0 41	23 25	0 23	7 26	8 51	3 42	4 1	15 34		n.a.
M29	0 32	18 36	5 13	10 19	2 55	4 0	6 28	24 38	1 0	22 49	0 17	8 41	2 49	0 57	0 41	23 25	0 23	7 26	8 52	3 42	4 0	15 33		n.a.
T 30	0 9	17 48	5 15	10 37	2 55	3 36	6 18	24 37	1 2	22 50	0 17	8 43	2 49	0 56	0 41	23 25	0 23	7 25	8 52	3 42	3 58	15 32		n.a.
W31	0n14	15n53	4s59	10n51	2n55	3n12	6n 7	24s36	1s 3	22n51	0n17	8n45	2n49	0s55	0n41	23s25	0n23	7s25	8n52	3s42	3s57	15s30		n.a.

Julian Day Number = 1369381.5, Delta T = 06h52m01s
Ecliptic obliquity = 23°48'28, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°22'56, Lahiri = -17°15'56 Julian Calendar 1 March 964 BCE == Greg. Calendar 20 Feb. 964 BCE

The year -963 astronomical counting style corresponds to year 964 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 964 BCE
geocentric

APRIL 964 BCE (-963) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 59 51	1♈33'42	13♌11	21♈11	23°R27	8♉56	12♊ 5	14°R31	3°R46	0♉29	12°R35	9°R10	9♎46	1♒24	n.a.	T 1
F 2	12 3 47	2°31'31	27°48	21°41	22♓52	9°37	12°13	14♍27	3♎44	0°29	12♏34	9♎ 9	9°43	1°31	n.a.	F 2
S 3	12 7 44	3°29'17	12♍23	22° 6	22°19	10°18	12°21	14°23	3°41	0°29	12°33	9° 9	9°40	1°38	n.a.	S 3
S 4	12 11 40	4°27'02	26°51	22°26	21°48	10°58	12°29	14°19	3°39	0°30	12°31	9° 8	9°37	1°44	n.a.	S 4
M 5	12 15 37	5°24'45	11♎ 4	22°40	21°18	11°39	12°38	14°14	3°36	0°30	12°30	9°D 8	9°34	1°51	n.a.	M 5
T 6	12 19 34	6°22'27	25° 0	22°50	20°51	12°20	12°46	14°10	3°34	0°30	12°29	9° 8	9°30	1°58	n.a.	T 6
W 7	12 23 30	7°20'07	8♏34	22°R54	20°25	13° 1	12°55	14° 6	3°31	0°30	12°28	9° 9	9°27	2° 4	n.a.	W 7
T 8	12 27 27	8°17'46	21°47	22°53	20° 2	13°42	13° 4	14° 3	3°29	0°30	12°27	9° 9	9°24	2°11	n.a.	T 8
F 9	12 31 23	9°15'24	4♐37	22°48	19°41	14°22	13°12	13°59	3°26	0°31	12°25	9°R 9	9°21	2°18	n.a.	F 9
S 10	12 35 20	10°13'01	17° 9	22°38	19°22	15° 3	13°21	13°55	3°24	0°31	12°24	9° 9	9°18	2°24	n.a.	S 10
S 11	12 39 16	11°10'36	29°24	22°24	19° 5	15°44	13°30	13°51	3°21	0°31	12°23	9° 9	9°15	2°31	n.a.	S 11
M12	12 43 13	12° 8'11	11♑27	22° 6	18°51	16°24	13°39	13°47	3°19	0°R31	12°22	9°D 9	9°11	2°38	n.a.	M12
T 13	12 47 9	13° 5'44	23°22	21°44	18°40	17° 4	13°49	13°44	3°16	0°31	12°20	9° 9	9° 8	2°45	n.a.	T 13
W14	12 51 6	14° 3'16	5♒14	21°19	18°31	17°45	13°58	13°40	3°14	0°31	12°19	9° 9	9° 5	2°51	n.a.	W14
T 15	12 55 3	15° 0'47	17° 8	20°51	18°24	18°25	14° 8	13°36	3°11	0°31	12°18	9° 9	9° 2	2°58	n.a.	T 15
F 16	12 58 59	15°58'18	29° 7	20°20	18°20	19° 5	14°17	13°33	3° 9	0°30	12°16	9°10	8°59	3° 5	n.a.	F 16
S 17	13 2 56	16°55'47	11♓15	19°48	18°D18	19°45	14°27	13°30	3° 6	0°30	12°15	9°11	8°56	3°11	n.a.	S 17
S 18	13 6 52	17°53'15	23°36	19°15	18°18	20°25	14°37	13°26	3° 4	0°30	12°14	9°11	8°52	3°18	n.a.	S 18
M19	13 10 49	18°50'41	6♈11	18°41	18°21	21° 5	14°46	13°23	3° 1	0°30	12°12	9°R12	8°49	3°25	n.a.	M19
T 20	13 14 45	19°48'07	19° 1	18° 7	18°26	21°45	14°56	13°20	2°59	0°30	12°11	9°12	8°46	3°32	n.a.	T 20
W21	13 18 42	20°45'32	2♉ 8	17°33	18°33	22°25	15° 6	13°17	2°57	0°29	12° 9	9°11	8°43	3°38	n.a.	W21
T 22	13 22 38	21°42'56	15°30	17° 1	18°42	23° 5	15°16	13°14	2°54	0°29	12° 8	9°10	8°40	3°45	n.a.	T 22
F 23	13 26 35	22°40'18	29° 6	16°30	18°54	23°44	15°27	13°11	2°52	0°29	12° 6	9° 8	8°36	3°52	n.a.	F 23
S 24	13 30 32	23°37'39	12♊54	16° 1	19° 7	24°24	15°37	13° 8	2°50	0°28	12° 5	9° 6	8°33	3°58	n.a.	S 24
S 25	13 34 28	24°35'00	26°53	15°35	19°23	25° 3	15°47	13° 5	2°47	0°28	12° 3	9° 5	8°30	4° 5	n.a.	S 25
M26	13 38 25	25°32'18	10♋59	15°12	19°40	25°42	15°58	13° 2	2°45	0°27	12° 2	9° 4	8°27	4°12	n.a.	M26
T 27	13 42 21	26°29'36	25°10	14°52	19°59	26°21	16° 9	12°59	2°43	0°27	12° 0	9°D 3	8°24	4°19	n.a.	T 27
W28	13 46 18	27°26'53	9♌24	14°36	20°20	27° 0	16°19	12°57	2°41	0°27	11°59	9° 3	8°21	4°25	n.a.	W28
T 29	13 50 14	28°24'08	23°39	14°24	20°43	27°39	16°30	12°54	2°38	0°26	11°57	9° 4	8°17	4°32	n.a.	T 29
F 30	13 54 11	29♈21'22	7♍52	14♈16	21♓ 8	28♉18	16♊41	12♍52	2♎36	0♉25	11♏56	9♎ 6	8♎14	4♒39	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n38	12n55	4s23	11n 3	2n53	2n47	5n56	24s35	1s 5	22n53	0n17	8n46	2n49	0s54	0n41	23s25	0n23	7s24	8n52	3s41	3s56	15s29		n.a.
F 2	1 1	9 9	3 30	11 12	2 50	2 23	5 44	24 34	1 7	22 54	0 17	8 48	2 49	0 53	0 41	23 25	0 23	7 24	8 52	3 41	3 54	15 28		n.a.
S 3	1 24	4 49	2 23	11 17	2 46	1 58	5 32	24 32	1 8	22 55	0 18	8 49	2 48	0 52	0 41	23 25	0 23	7 23	8 52	3 41	3 53	15 27		n.a.
S 4	1 48	0 14	1 8	11 20	2 41	1 34	5 19	24 31	1 10	22 56	0 18	8 51	2 48	0 51	0 41	23 25	0 23	7 23	8 52	3 41	3 52	15 26		n.a.
M 5	2 11	4s17	0n11	11 20	2 34	1 11	5 6	24 29	1 12	22 57	0 18	8 52	2 48	0 50	0 41	23 25	0 23	7 23	8 52	3 41	3 51	15 25		n.a.
T 6	2 34	8 29	1 27	11 16	2 27	0 48	4 53	24 27	1 13	22 58	0 18	8 54	2 48	0 49	0 41	23 25	0 23	7 22	8 52	3 41	3 49	15 24		n.a.
W 7	2 57	12 7	2 36	11 10	2 18	0 25	4 39	24 24	1 15	23 0	0 18	8 55	2 48	0 48	0 41	23 25	0 23	7 22	8 52	3 41	3 48	15 22		n.a.
T 8	3 20	15 2	3 35	11 1	2 8	0 3	4 26	24 22	1 17	23 1	0 18	8 57	2 48	0 47	0 41	23 25	0 23	7 21	8 52	3 41	3 47	15 21		n.a.
F 9	3 43	17 6	4 22	10 49	1 57	0s18	4 12	24 19	1 19	23 2	0 18	8 58	2 48	0 46	0 41	23 25	0 23	7 21	8 53	3 41	3 46	15 20		n.a.
S 10	4 6	18 18	4 54	10 34	1 46	0 38	3 58	24 17	1 20	23 3	0 18	9 0	2 48	0 45	0 41	23 25	0 23	7 20	8 53	3 41	3 44	15 19		n.a.
S 11	4 29	18 36	5 13	10 17	1 33	0 57	3 44	24 14	1 22	23 4	0 18	9 1	2 48	0 44	0 41	23 25	0 23	7 20	8 53	3 41	3 43	15 18		n.a.
M12	4 52	18 3	5 17	9 57	1 19	1 15	3 30	24 10	1 24	23 5	0 18	9 2	2 48	0 43	0 41	23 25	0 23	7 20	8 53	3 41	3 42	15 17		n.a.
T 13	5 15	16 42	5 8	9 35	1 4	1 33	3 17	24 7	1 26	23 7	0 18	9 4	2 47	0 42	0 41	23 25	0 23	7 19	8 53	3 41	3 41	15 15		n.a.
W14	5 38	14 39	4 45	9 11	0 49	1 49	3 3	24 3	1 28	23 8	0 18	9 5	2 47	0 41	0 41	23 25	0 23	7 19	8 53	3 41	3 39	15 14		n.a.
T 15	6 0	11 58	4 10	8 46	0 33	2 4	2 50	24 0	1 29	23 9	0 18	9 6	2 47	0 40	0 41	23 25	0 23	7 18	8 53	3 41	3 38	15 13		n.a.
F 16	6 23	8 46	3 24	8 19	0 16	2 18	2 36	23 56	1 31	23 10	0 18	9 8	2 47	0 39	0 41	23 25	0 23	7 18	8 53	3 41	3 37	15 12		n.a.
S 17	6 45	5 10	2 29	7 51	0s 1	2 30	2 23	23 52	1 33	23 12	0 19	9 9	2 47	0 38	0 41	23 25	0 23	7 17	8 53	3 42	3 35	15 11		n.a.
S 18	7 7	1 17	1 25	7 22	0 18	2 42	2 10	23 48	1 35	23 13	0 19	9 10	2 47	0 37	0 41	23 25	0 23	7 17	8 53	3 42	3 34	15 10		n.a.
M19	7 30	2n45	0 17	6 53	0 35	2 53	1 57	23 43	1 37	23 14	0 19	9 11	2 47	0 36	0 41	23 25	0 23	7 16	8 53	3 42	3 33	15 8		n.a.
T 20	7 52	6 44	0s54	6 25	0 52	3 2	1 45	23 39	1 39	23 15	0 19	9 12	2 46	0 35	0 41	23 25	0 23	7 16	8 53	3 42	3 32	15 7		n.a.
W21	8 14	10 28	2 4	5 56	1 9	3 10	1 33	23 34	1 41	23 16	0 19	9 13	2 46	0 34	0 41	23 25	0 23	7 16	8 53	3 42	3 30	15 6		n.a.
T 22	8 35	13 45	3 8	5 29	1 25	3 18	1 21	23 29	1 43	23 18	0 19	9 14	2 46	0 33	0 41	23 25	0 23	7 15	8 53	3 41	3 29	15 5		n.a.
F 23	8 57	16 20	4 2	5 2	1 41	3 24	1 9	23 24	1 45	23 19	0 19	9 15	2 46	0 32	0 41	23 25	0 23	7 15	8 53	3 40	3 28	15 4		n.a.
S 24	9 19	18 1	4 43	4 37	1 56	3 29	0 58	23 19	1 47	23 20	0 19	9 16	2 46	0 31	0 41	23 25	0 23	7 14	8 53	3 40	3 27	15 2		n.a.
S 25	9 40	18 38	5 9	4 14	2 10	3 33	0 47	23 14	1 48	23 21	0 19	9 17	2 46	0 30	0 41	23 25	0 23	7 14	8 53	3 39	3 25	15 1		n.a.
M26	10 1	18 6	5 16	3 52	2 23	3 36	0 36	23 8	1 50	23 22	0 19	9 18	2 45	0 29	0 41	23 25	0 23	7 13	8 53	3 39	3 24	15 0		n.a.
T 27	10 22	16 27	5 3	3 33	2 36	3 38	0 26	23 3	1 52	23 24	0 19	9 19	2 45	0 28	0 41	23 25	0 23	7 13	8 53	3 38	3 23	14 59		n.a.
W28	10 43	13 48	4 33	3 17	2 47	3 38	0 16	22 57	1 54	23 25	0 19	9 20	2 45	0 28	0 41	23 25	0 23	7 13	8 53	3 39	3 21	14 58		n.a.
T 29	11 4	10 18	3 45	3 2	2 57	3 38	0 6	22 51	1 56	23 26	0 19	9 21	2 45	0 27	0 41	23 25	0 23	7 12	8 53	3 39	3 20	14 56		n.a.
F 30	11n25	6n13	2s44	2n51	3s 7	3s37	0s 3	22s45	1s58	23n27	0n19	9n21	2n45	0s26	0n41	23s25	0n23	7s12	8n53	3s39	3s19	14s55		n.a.

Julian Day Number = 1369412.5, Delta T = 06h51m59s
Ecliptic obliquity = 23°48'29, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°22'52, Lahiri = -17°15'52 Julian Calendar 1 Apr. 964 BCE == Greg. Calendar 23 March 964 BCE

The year -963 astronomical counting style corresponds to year 964 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 964 BCE
geocentric

MAY 964 BCE (-963) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 58 7	0♉18'35	21♍59	14°D12	21♓34	28♑57	16♊52	12°R49	2°R34	0°R25	11°R54	9♎ 7	8♎11	4♒45	n.a.	S 1
S 2	14 2 4	1°15'47	6♎ 0	14♈13	22° 1	29°35	17° 3	12♍47	2♎32	0♑24	11♏53	9°R 7	8° 8	4°52	n.a.	S 2
M 3	14 6 1	2°12'58	19°49	14°19	22°30	0♒14	17°14	12°45	2°30	0°24	11°51	9° 7	8° 5	4°59	n.a.	M 3
T 4	14 9 57	3°10'08	3♏25	14°28	23° 1	0°52	17°25	12°43	2°28	0°23	11°50	9° 6	8° 1	5° 6	n.a.	T 4
W 5	14 13 54	4° 7'18	16°46	14°43	23°33	1°30	17°36	12°41	2°26	0°22	11°48	9° 3	7°58	5°12	n.a.	W 5
T 6	14 17 50	5° 4'27	29°49	15° 2	24° 6	2° 9	17°47	12°39	2°24	0°21	11°46	8°59	7°55	5°19	n.a.	T 6
F 7	14 21 47	6° 1'36	12♐35	15°25	24°41	2°47	17°59	12°37	2°22	0°21	11°45	8°55	7°52	5°26	n.a.	F 7
S 8	14 25 43	6°58'44	25° 4	15°53	25°17	3°24	18°10	12°35	2°20	0°20	11°43	8°51	7°49	5°32	n.a.	S 8
S 9	14 29 40	7°55'52	7♑19	16°25	25°54	4° 2	18°21	12°34	2°18	0°19	11°42	8°47	7°46	5°39	n.a.	S 9
M10	14 33 36	8°53'00	19°23	17° 2	26°32	4°40	18°33	12°32	2°16	0°18	11°40	8°44	7°42	5°46	n.a.	M10
T 11	14 37 33	9°50'07	1♒18	17°42	27°11	5°17	18°45	12°31	2°14	0°17	11°39	8°43	7°39	5°52	n.a.	T 11
W12	14 41 30	10°47'14	13°10	18°27	27°52	5°54	18°56	12°29	2°13	0°17	11°37	8°D42	7°36	5°59	n.a.	W12
T 13	14 45 26	11°44'21	25° 4	19°16	28°33	6°31	19° 8	12°28	2°11	0°16	11°35	8°43	7°33	6° 6	n.a.	T 13
F 14	14 49 23	12°41'28	7♓ 4	20° 9	29°16	7° 8	19°20	12°27	2° 9	0°15	11°34	8°45	7°30	6°13	n.a.	F 14
S 15	14 53 19	13°38'35	19°16	21° 6	29°59	7°45	19°32	12°26	2° 7	0°14	11°32	8°46	7°27	6°19	n.a.	S 15
S 16	14 57 16	14°35'42	1♈42	22° 6	0♈43	8°21	19°43	12°25	2° 6	0°13	11°31	8°47	7°23	6°26	n.a.	S 16
M17	15 1 12	15°32'48	14°27	23°11	1°28	8°58	19°55	12°24	2° 4	0°12	11°29	8°R47	7°20	6°33	n.a.	M17
T 18	15 5 9	16°29'55	27°32	24°19	2°14	9°34	20° 7	12°23	2° 3	0°11	11°27	8°46	7°17	6°39	n.a.	T 18
W19	15 9 5	17°27'01	10♉59	25°31	3° 1	10°10	20°19	12°23	2° 1	0°10	11°26	8°43	7°14	6°46	n.a.	W19
T 20	15 13 2	18°24'08	24°45	26°46	3°49	10°45	20°32	12°22	2° 0	0° 8	11°24	8°38	7°11	6°53	n.a.	T 20
F 21	15 16 59	19°21'14	8♊49	28° 5	4°37	11°21	20°44	12°21	1°58	0° 7	11°23	8°32	7° 7	7° 0	n.a.	F 21
S 22	15 20 55	20°18'20	23° 4	29°28	5°26	11°56	20°56	12°21	1°57	0° 6	11°21	8°26	7° 4	7° 6	n.a.	S 22
S 23	15 24 52	21°15'26	7♋27	0♉54	6°16	12°31	21° 8	12°21	1°55	0° 5	11°20	8°20	7° 1	7°13	n.a.	S 23
M24	15 28 48	22°12'31	21°51	2°24	7° 6	13° 6	21°21	12°20	1°54	0° 4	11°18	8°15	6°58	7°20	n.a.	M24
T 25	15 32 45	23° 9'37	6♌12	3°56	7°57	13°41	21°33	12°20	1°53	0° 3	11°17	8°12	6°55	7°26	n.a.	T 25
W26	15 36 41	24° 6'42	20°27	5°33	8°49	14°15	21°45	12°D20	1°51	0° 1	11°15	8°D11	6°52	7°33	n.a.	W26
T 27	15 40 38	25° 3'46	4♍33	7°12	9°41	14°50	21°58	12°20	1°50	0° 0	11°13	8°11	6°48	7°40	n.a.	T 27
F 28	15 44 35	26° 0'51	18°29	8°55	10°34	15°23	22°10	12°21	1°49	29♐59	11°12	8°12	6°45	7°46	n.a.	F 28
S 29	15 48 31	26°57'55	2♎15	10°41	11°28	15°57	22°23	12°21	1°48	29°58	11°10	8°R13	6°42	7°53	n.a.	S 29
S 30	15 52 28	27°54'59	15°51	12°30	12°22	16°31	22°35	12°21	1°47	29°56	11° 9	8°13	6°39	8° 0	n.a.	S 30
M31	15 56 24	28♉52'03	29♎15	14♉22	13♈16	17♒ 4	22♊48	12♍22	1♎46	29♐55	11♏ 7	8♎11	6♎36	8♒ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n45	1n48	1s33	2n42	3s15	3s35	0s13	22s39	2s 0	23n28	0n19	9n22	2n44	0s25	0n41	23s25	0n23	7s11	8n53	3s40	3s18	14s54		n.a.
S 2	12 6	2s41	0 17	2 36	3 22	3 32	0 21	22 33	2 2	23 29	0 20	9 23	2 44	0 24	0 41	23 25	0 23	7 11	8 53	3 40	3 16	14 53		n.a.
M 3	12 26	6 58	0n59	2 33	3 27	3 29	0 30	22 26	2 5	23 31	0 20	9 24	2 44	0 23	0 41	23 25	0 23	7 10	8 53	3 40	3 15	14 52		n.a.
T 4	12 46	10 49	2 10	2 32	3 32	3 24	0 38	22 20	2 7	23 32	0 20	9 24	2 44	0 22	0 41	23 25	0 23	7 10	8 53	3 39	3 14	14 50		n.a.
W 5	13 5	14 2	3 12	2 35	3 36	3 18	0 46	22 13	2 9	23 33	0 20	9 25	2 44	0 22	0 41	23 25	0 23	7 10	8 53	3 38	3 13	14 49		n.a.
T 6	13 25	16 28	4 3	2 40	3 38	3 12	0 54	22 6	2 11	23 34	0 20	9 25	2 43	0 21	0 41	23 25	0 23	7 9	8 53	3 37	3 11	14 48		n.a.
F 7	13 44	18 1	4 41	2 47	3 40	3 5	1 1	22 0	2 13	23 35	0 20	9 26	2 43	0 20	0 41	23 25	0 23	7 9	8 53	3 35	3 10	14 47		n.a.
S 8	14 3	18 39	5 4	2 58	3 40	2 57	1 9	21 53	2 15	23 36	0 20	9 26	2 43	0 19	0 41	23 25	0 23	7 8	8 52	3 34	3 9	14 45		n.a.
S 9	14 22	18 24	5 13	3 11	3 40	2 48	1 15	21 46	2 17	23 37	0 20	9 27	2 43	0 19	0 41	23 25	0 23	7 8	8 52	3 32	3 7	14 44		n.a.
M10	14 41	17 19	5 8	3 26	3 38	2 39	1 22	21 38	2 19	23 38	0 20	9 27	2 43	0 18	0 40	23 25	0 23	7 8	8 52	3 31	3 6	14 43		n.a.
T 11	14 59	15 29	4 49	3 44	3 36	2 29	1 28	21 31	2 21	23 39	0 20	9 28	2 42	0 17	0 40	23 25	0 23	7 7	8 52	3 30	3 5	14 42		n.a.
W12	15 17	13 0	4 18	4 4	3 33	2 18	1 35	21 24	2 23	23 41	0 20	9 28	2 42	0 16	0 40	23 25	0 23	7 7	8 52	3 30	3 4	14 41		n.a.
T 13	15 35	9 58	3 36	4 26	3 29	2 7	1 40	21 17	2 26	23 42	0 20	9 28	2 42	0 16	0 40	23 25	0 23	7 6	8 52	3 30	3 2	14 39		n.a.
F 14	15 53	6 30	2 45	4 51	3 24	1 55	1 46	21 9	2 28	23 43	0 20	9 28	2 42	0 15	0 40	23 25	0 23	7 6	8 52	3 31	3 1	14 38		n.a.
S 15	16 11	2 43	1 45	5 17	3 19	1 42	1 51	21 2	2 30	23 44	0 20	9 29	2 41	0 14	0 40	23 25	0 23	7 6	8 52	3 32	3 0	14 37		n.a.
S 16	16 28	1n17	0 39	5 46	3 13	1 29	1 56	20 54	2 32	23 45	0 21	9 29	2 41	0 14	0 40	23 25	0 23	7 5	8 52	3 32	2 59	14 36		n.a.
M17	16 45	5 19	0s31	6 16	3 6	1 15	2 1	20 46	2 34	23 46	0 21	9 29	2 41	0 13	0 40	23 25	0 23	7 5	8 52	3 32	2 57	14 34		n.a.
T 18	17 2	9 12	1 40	6 49	2 58	1 1	2 6	20 39	2 37	23 47	0 21	9 29	2 41	0 13	0 40	23 25	0 23	7 5	8 51	3 32	2 56	14 33		n.a.
W19	17 18	12 44	2 46	7 22	2 50	0 46	2 10	20 31	2 39	23 48	0 21	9 29	2 40	0 12	0 40	23 26	0 23	7 4	8 51	3 30	2 55	14 32		n.a.
T 20	17 34	15 38	3 44	7 58	2 42	0 31	2 15	20 23	2 41	23 49	0 21	9 29	2 40	0 11	0 40	23 26	0 23	7 4	8 51	3 28	2 53	14 31		n.a.
F 21	17 50	17 41	4 29	8 35	2 32	0 15	2 19	20 15	2 43	23 50	0 21	9 29	2 40	0 11	0 40	23 26	0 23	7 4	8 51	3 26	2 52	14 29		n.a.
S 22	18 6	18 40	4 58	9 14	2 23	0n 1	2 22	20 7	2 46	23 50	0 21	9 29	2 40	0 10	0 40	23 26	0 23	7 3	8 51	3 24	2 51	14 28		n.a.
S 23	18 21	18 27	5 9	9 54	2 13	0 18	2 26	19 59	2 48	23 51	0 21	9 29	2 40	0 10	0 40	23 26	0 23	7 3	8 51	3 21	2 50	14 27		n.a.
M24	18 36	17 4	5 0	10 35	2 2	0 35	2 29	19 51	2 50	23 52	0 21	9 29	2 39	0 9	0 40	23 26	0 23	7 3	8 51	3 19	2 48	14 26		n.a.
T 25	18 51	14 36	4 33	11 17	1 52	0 52	2 32	19 43	2 52	23 53	0 21	9 29	2 39	0 9	0 40	23 26	0 23	7 2	8 50	3 18	2 47	14 24		n.a.
W26	19 5	11 17	3 49	12 0	1 40	1 10	2 35	19 35	2 55	23 54	0 21	9 28	2 39	0 8	0 40	23 26	0 23	7 2	8 50	3 18	2 46	14 23		n.a.
T 27	19 19	7 20	2 52	12 44	1 29	1 29	2 38	19 27	2 57	23 55	0 21	9 28	2 39	0 8	0 40	23 26	0 23	7 2	8 50	3 18	2 45	14 22		n.a.
F 28	19 33	3 1	1 44	13 28	1 17	1 47	2 41	19 19	2 59	23 56	0 21	9 28	2 38	0 8	0 40	23 26	0 23	7 1	8 50	3 18	2 43	14 21		n.a.
S 29	19 47	1s24	0 32	14 13	1 6	2 6	2 43	19 11	3 2	23 57	0 22	9 28	2 38	0 7	0 40	23 26	0 23	7 1	8 50	3 18	2 42	14 19		n.a.
S 30	20 0	5 42	0n41	14 58	0 54	2 25	2 45	19 3	3 4	23 57	0 22	9 27	2 38	0 7	0 40	23 26	0 23	7 1	8 50	3 18	2 41	14 18		n.a.
M31	20n13	9s39	1n51	15n44	0s42	2n45	2s47	18s55	3s 6	23n58	0n22	9n27	2n38	0s 6	0n40	23s26	0n23	7s 0	8n49	3s18	2s39	14s17		n.a.

Julian Day Number = 1369442.5, Delta T = 06h51m58s
Ecliptic obliquity = 23°48'28, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°22'48, Lahiri = -17°15'48 Julian Calendar 1 May 964 BCE == Greg. Calendar 22 Apr. 964 BCE

The year -963 astronomical counting style corresponds to year 964 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 964 BCE
geocentric

JUNE 964 BCE (-963) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 0 21	29♉49'07	12♏28	16♉17	14♈11	17♒37	23♊ 1	12♍22	1°R45	29°R54	11°R 6	8°R 7	6♎33	8♒13	n.a.	T 1
W 2	16 4 17	0♊46'12	25°29	18°14	15° 7	18°10	23°13	12°23	1♎44	29♐52	11♏ 4	8♎ 0	6°29	8°20	n.a.	W 2
T 3	16 8 14	1°43'17	8♐17	20°13	16° 3	18°42	23°26	12°24	1°43	29°51	11° 3	7°52	6°26	8°27	n.a.	T 3
F 4	16 12 10	2°40'22	20°52	22°15	16°59	19°14	23°39	12°24	1°43	29°50	11° 2	7°43	6°23	8°33	n.a.	F 4
S 5	16 16 7	3°37'28	3♑14	24°18	17°56	19°46	23°51	12°25	1°42	29°48	11° 0	7°33	6°20	8°40	n.a.	S 5
S 6	16 20 4	4°34'34	15°24	26°23	18°53	20°17	24° 4	12°26	1°41	29°47	10°59	7°23	6°17	8°47	n.a.	S 6
M 7	16 24 0	5°31'41	27°25	28°29	19°51	20°49	24°17	12°28	1°40	29°45	10°57	7°16	6°13	8°54	n.a.	M 7
T 8	16 27 57	6°28'49	9♒19	0♊37	20°49	21°20	24°30	12°29	1°40	29°44	10°56	7°10	6°10	9° 0	n.a.	T 8
W 9	16 31 53	7°25'57	21°10	2°45	21°48	21°50	24°43	12°30	1°39	29°42	10°55	7° 6	6° 7	9° 7	n.a.	W 9
T 10	16 35 50	8°23'06	3♓ 2	4°53	22°47	22°21	24°56	12°32	1°39	29°41	10°53	7° 5	6° 4	9°14	n.a.	T 10
F 11	16 39 46	9°20'16	15° 1	7° 1	23°46	22°50	25° 9	12°33	1°38	29°39	10°52	7°D 5	6° 1	9°20	n.a.	F 11
S 12	16 43 43	10°17'26	27°11	9°10	24°46	23°20	25°22	12°35	1°38	29°38	10°50	7° 5	5°58	9°27	n.a.	S 12
S 13	16 47 40	11°14'38	9♈39	11°17	25°46	23°49	25°35	12°36	1°37	29°36	10°49	7°R 6	5°54	9°34	n.a.	S 13
M14	16 51 36	12°11'50	22°27	13°25	26°46	24°18	25°48	12°38	1°37	29°35	10°48	7° 5	5°51	9°40	n.a.	M14
T 15	16 55 33	13° 9'04	5♉41	15°31	27°47	24°47	26° 1	12°40	1°37	29°33	10°47	7° 2	5°48	9°47	n.a.	T 15
W16	16 59 29	14° 6'18	19°20	17°36	28°48	25°15	26°14	12°42	1°37	29°32	10°45	6°56	5°45	9°54	n.a.	W16
T 17	17 3 26	15° 3'33	3♊25	19°40	29°49	25°42	26°27	12°44	1°37	29°30	10°44	6°48	5°42	10° 1	n.a.	T 17
F 18	17 7 22	16° 0'50	17°51	21°43	0♋50	26°10	26°40	12°46	1°36	29°29	10°43	6°38	5°38	10° 7	n.a.	F 18
S 19	17 11 19	16°58'07	2♌32	23°45	1°52	26°36	26°53	12°49	1°D36	29°27	10°42	6°28	5°35	10°14	n.a.	S 19
S 20	17 15 15	17°55'25	17°20	25°45	2°55	27° 3	27° 6	12°51	1°36	29°25	10°40	6°18	5°32	10°21	n.a.	S 20
M21	17 19 12	18°52'43	2♎ 8	27°43	3°57	27°29	27°19	12°53	1°36	29°24	10°39	6°10	5°29	10°27	n.a.	M21
T 22	17 23 9	19°50'03	16°46	29°40	5° 0	27°54	27°32	12°56	1°37	29°22	10°38	6° 4	5°26	10°34	n.a.	T 22
W23	17 27 5	20°47'22	1♍12	1♌36	6° 3	28°19	27°46	12°59	1°37	29°21	10°37	6° 1	5°23	10°41	n.a.	W23
T 24	17 31 2	21°44'43	15°20	3°29	7° 6	28°44	27°59	13° 1	1°37	29°19	10°36	6° 0	5°19	10°47	n.a.	T 24
F 25	17 34 58	22°42'04	29°11	5°22	8° 9	29° 8	28°12	13° 4	1°37	29°17	10°35	6° 0	5°16	10°54	n.a.	F 25
S 26	17 38 55	23°39'26	12♎45	7°12	9°13	29°32	28°25	13° 7	1°38	29°16	10°34	6° 0	5°13	11° 1	n.a.	S 26
S 27	17 42 51	24°36'49	26° 4	9° 1	10°17	29°55	28°38	13°10	1°38	29°14	10°33	5°58	5°10	11° 8	n.a.	S 27
M28	17 46 48	25°34'13	9♏ 9	10°48	11°21	0♓17	28°52	13°13	1°38	29°13	10°32	5°55	5° 7	11°14	n.a.	M28
T 29	17 50 44	26°31'37	22° 2	12°34	12°25	0°39	29° 5	13°16	1°39	29°11	10°31	5°49	5° 4	11°21	n.a.	T 29
W30	17 54 41	27♊29'03	4♐43	14♌18	13♉30	1♓ 1	29♊18	13♍20	1♎39	29♐ 9	10♏30	5♎40	5♎ 0	11♒28	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n25	13s 4	2n53	16n29	0s30	3n 5	2s49	18s47	3s 9	23n59	0n22	9n26	2n37	0s 6	0n40	23s26	0n23	7s 0	8n49	3s16	2s38	14s16		n.a.
W 2	20 38	15 46	3 46	17 14	0 18	3 25	2 51	18 39	3 11	24 0	0 22	9 26	2 37	0 6	0 40	23 26	0 23	7 0	8 49	3 13	2 37	14 14		n.a.
T 3	20 49	17 39	4 26	17 58	0 7	3 45	2 52	18 31	3 13	24 0	0 22	9 25	2 37	0 5	0 40	23 26	0 23	7 0	8 49	3 10	2 36	14 13		n.a.
F 4	21 1	18 38	4 52	18 41	0n 4	4 6	2 54	18 23	3 16	24 1	0 22	9 25	2 37	0 5	0 40	23 26	0 23	6 59	8 49	3 6	2 34	14 12		n.a.
S 5	21 12	18 42	5 4	19 23	0 15	4 27	2 55	18 15	3 18	24 2	0 22	9 24	2 36	0 5	0 40	23 26	0 23	6 59	8 48	3 2	2 33	14 10		n.a.
S 6	21 23	17 54	5 2	20 4	0 26	4 48	2 56	18 7	3 21	24 2	0 22	9 23	2 36	0 5	0 40	23 26	0 23	6 59	8 48	2 59	2 32	14 9		n.a.
M 7	21 33	16 19	4 47	20 43	0 36	5 9	2 57	17 59	3 23	24 3	0 22	9 23	2 36	0 4	0 40	23 26	0 23	6 59	8 48	2 55	2 30	14 8		n.a.
T 8	21 43	14 2	4 19	21 20	0 46	5 31	2 58	17 51	3 26	24 4	0 22	9 22	2 36	0 4	0 39	23 26	0 23	6 59	8 48	2 53	2 29	14 7		n.a.
W 9	21 53	11 12	3 40	21 55	0 55	5 52	2 58	17 43	3 28	24 4	0 22	9 21	2 35	0 4	0 39	23 26	0 23	6 58	8 48	2 52	2 28	14 5		n.a.
T 10	22 2	7 53	2 52	22 28	1 3	6 14	2 59	17 35	3 30	24 5	0 22	9 21	2 35	0 4	0 39	23 26	0 23	6 58	8 47	2 51	2 27	14 4		n.a.
F 11	22 11	4 14	1 55	22 59	1 11	6 36	2 59	17 27	3 33	24 6	0 23	9 20	2 35	0 4	0 39	23 26	0 23	6 58	8 47	2 51	2 25	14 3		n.a.
S 12	22 20	0 20	0 53	23 27	1 18	6 58	2 59	17 20	3 35	24 6	0 23	9 19	2 35	0 4	0 39	23 26	0 23	6 58	8 47	2 51	2 24	14 1		n.a.
S 13	22 28	3n40	0s14	23 53	1 25	7 20	2 59	17 12	3 38	24 7	0 23	9 18	2 34	0 3	0 39	23 26	0 23	6 58	8 47	2 51	2 23	14 0		n.a.
M14	22 36	7 37	1 21	24 15	1 30	7 42	2 59	17 5	3 40	24 7	0 23	9 17	2 34	0 3	0 39	23 26	0 23	6 58	8 46	2 51	2 22	13 59		n.a.
T 15	22 44	11 19	2 26	24 35	1 35	8 4	2 59	16 57	3 43	24 8	0 23	9 16	2 34	0 3	0 39	23 26	0 23	6 57	8 46	2 50	2 20	13 57		n.a.
W16	22 51	14 33	3 25	24 53	1 40	8 26	2 58	16 50	3 45	24 8	0 23	9 15	2 34	0 3	0 39	23 26	0 23	6 57	8 46	2 48	2 19	13 56		n.a.
T 17	22 57	17 1	4 13	25 7	1 43	8 48	2 58	16 43	3 48	24 9	0 23	9 14	2 33	0 3	0 39	23 26	0 23	6 57	8 45	2 44	2 18	13 55		n.a.
F 18	23 4	18 29	4 46	25 19	1 46	9 11	2 57	16 35	3 50	24 9	0 23	9 13	2 33	0 3	0 39	23 26	0 23	6 57	8 45	2 41	2 16	13 54		n.a.
S 19	23 9	18 46	5 1	25 28	1 49	9 33	2 57	16 28	3 53	24 9	0 23	9 12	2 33	0 3	0 39	23 26	0 23	6 57	8 45	2 36	2 15	13 52		n.a.
S 20	23 15	17 46	4 57	25 34	1 50	9 55	2 56	16 21	3 55	24 10	0 23	9 11	2 33	0 3	0 39	23 26	0 23	6 57	8 45	2 32	2 14	13 51		n.a.
M21	23 20	15 34	4 32	25 38	1 51	10 18	2 55	16 15	3 58	24 10	0 23	9 10	2 32	0 3	0 39	23 26	0 23	6 57	8 44	2 29	2 13	13 50		n.a.
T 22	23 25	12 24	3 50	25 40	1 51	10 40	2 54	16 8	4 0	24 11	0 24	9 8	2 32	0 3	0 39	23 26	0 23	6 57	8 44	2 27	2 11	13 48		n.a.
W23	23 29	8 31	2 53	25 39	1 51	11 2	2 52	16 1	4 3	24 11	0 24	9 7	2 32	0 3	0 39	23 26	0 23	6 57	8 44	2 25	2 10	13 47		n.a.
T 24	23 33	4 13	1 47	25 36	1 50	11 24	2 51	15 55	4 5	24 11	0 24	9 6	2 32	0 4	0 39	23 26	0 23	6 57	8 44	2 25	2 9	13 46		n.a.
F 25	23 36	0s13	0 36	25 30	1 48	11 46	2 50	15 49	4 8	24 12	0 24	9 5	2 32	0 4	0 39	23 26	0 23	6 56	8 43	2 25	2 8	13 44		n.a.
S 26	23 39	4 34	0n36	25 23	1 46	12 8	2 48	15 43	4 10	24 12	0 24	9 3	2 31	0 4	0 39	23 26	0 23	6 56	8 43	2 25	2 6	13 43		n.a.
S 27	23 42	8 36	1 44	25 13	1 44	12 30	2 47	15 37	4 13	24 12	0 24	9 2	2 31	0 4	0 39	23 26	0 23	6 56	8 43	2 24	2 5	13 42		n.a.
M28	23 44	12 9	2 46	25 2	1 41	12 51	2 45	15 31	4 15	24 12	0 24	9 0	2 31	0 4	0 39	23 26	0 23	6 56	8 42	2 23	2 4	13 40		n.a.
T 29	23 46	15 3	3 38	24 49	1 37	13 13	2 43	15 25	4 18	24 12	0 24	8 59	2 31	0 5	0 39	23 26	0 23	6 56	8 42	2 21	2 2	13 39		n.a.
W30	23n47	17s11	4n18	24n34	1n33	13n34	2s41	15s20	4s20	24n13	0n24	8n58	2n30	0s 5	0n39	23s26	0n23	6s56	8n42	2s17	2s 1	13s38		n.a.

Julian Day Number = 1369473.5, Delta T = 06h51m56s
Ecliptic obliquity = 23°48'28, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°22'44, Lahiri = -17°15'43 Julian Calendar 1 June 964 BCE == Greg. Calendar 23 May 964 BCE

The year -963 astronomical counting style corresponds to year 964 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 964 BCE
geocentric

JULY 964 BCE (-963) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 58 38	28♊26'30	17♐14	16♋ 1	14♉35	1♓22	29♊31	13♍23	1♎40	29°R 8	10°R29	5°R28	4♎57	11♒34	n.a.	T 1
F 2	18 2 34	29°23'58	29°36	17°42	15°40	1°42	29°44	13°26	1°41	29♐ 6	10♏28	5♎15	4°54	11°41	n.a.	F 2
S 3	18 6 31	0♋21'27	11♑47	19°21	16°45	2° 2	29°58	13°30	1°41	29° 4	10°27	5° 2	4°51	11°48	n.a.	S 3
S 4	18 10 27	1°18'58	23°51	20°59	17°51	2°22	0♋11	13°33	1°42	29° 3	10°26	4°49	4°48	11°54	n.a.	S 4
M 5	18 14 24	2°16'30	5♒47	22°35	18°56	2°40	0°24	13°37	1°43	29° 1	10°26	4°38	4°44	12° 1	n.a.	M 5
T 6	18 18 20	3°14'03	17°38	24°10	20° 2	2°59	0°37	13°41	1°44	29° 0	10°25	4°29	4°41	12° 8	n.a.	T 6
W 7	18 22 17	4°11'38	29°26	25°43	21° 8	3°16	0°50	13°44	1°45	28°58	10°24	4°23	4°38	12°14	n.a.	W 7
T 8	18 26 13	5° 9'15	11♓17	27°15	22°14	3°33	1° 4	13°48	1°45	28°56	10°23	4°20	4°35	12°21	n.a.	T 8
F 9	18 30 10	6° 6'53	23°14	28°45	23°21	3°49	1°17	13°52	1°46	28°55	10°22	4°18	4°32	12°28	n.a.	F 9
S 10	18 34 7	7° 4'33	5♈22	0♌13	24°27	4° 5	1°30	13°56	1°47	28°53	10°22	4°18	4°29	12°35	n.a.	S 10
S 11	18 38 3	8° 2'15	17°47	1°40	25°34	4°19	1°43	14° 1	1°49	28°51	10°21	4°18	4°25	12°41	n.a.	S 11
M12	18 42 0	8°59'58	0♉34	3° 5	26°41	4°34	1°56	14° 5	1°50	28°50	10°20	4°17	4°22	12°48	n.a.	M12
T 13	18 45 56	9°57'43	13°47	4°29	27°48	4°47	2° 9	14° 9	1°51	28°48	10°20	4°13	4°19	12°55	n.a.	T 13
W14	18 49 53	10°55'30	27°29	5°50	28°56	5° 0	2°23	14°13	1°52	28°47	10°19	4° 8	4°16	13° 1	n.a.	W14
T 15	18 53 49	11°53'19	11♊40	7°11	0♊ 3	5°12	2°36	14°18	1°53	28°45	10°19	4° 0	4°13	13° 8	n.a.	T 15
F 16	18 57 46	12°51'10	26°17	8°29	1°11	5°23	2°49	14°22	1°55	28°43	10°18	3°49	4°10	13°15	n.a.	F 16
S 17	19 1 42	13°49'03	11♋14	9°46	2°18	5°33	3° 2	14°27	1°56	28°42	10°18	3°38	4° 6	13°21	n.a.	S 17
S 18	19 5 39	14°46'57	26°22	11° 0	3°26	5°43	3°15	14°31	1°58	28°40	10°17	3°28	4° 3	13°28	n.a.	S 18
M19	19 9 36	15°44'52	11♌30	12°13	4°34	5°52	3°28	14°36	1°59	28°39	10°17	3°19	4° 0	13°35	n.a.	M19
T 20	19 13 32	16°42'50	26°28	13°24	5°43	6° 0	3°41	14°41	2° 1	28°37	10°17	3°12	3°57	13°42	n.a.	T 20
W21	19 17 29	17°40'48	11♍10	14°33	6°51	6° 7	3°54	14°46	2° 2	28°36	10°16	3° 9	3°54	13°48	n.a.	W21
T 22	19 21 25	18°38'48	25°29	15°39	7°59	6°14	4° 7	14°51	2° 4	28°34	10°16	3° 7	3°50	13°55	n.a.	T 22
F 23	19 25 22	19°36'50	9♎25	16°44	9° 8	6°19	4°20	14°56	2° 6	28°33	10°16	3°D 7	3°47	14° 2	n.a.	F 23
S 24	19 29 18	20°34'53	22°58	17°45	10°17	6°24	4°33	15° 1	2° 7	28°31	10°15	3°R 7	3°44	14° 8	n.a.	S 24
S 25	19 33 15	21°32'58	6♏11	18°45	11°26	6°28	4°46	15° 6	2° 9	28°30	10°15	3° 6	3°41	14°15	n.a.	S 25
M26	19 37 11	22°31'04	19° 5	19°41	12°35	6°31	4°59	15°11	2°11	28°28	10°15	3° 4	3°38	14°22	n.a.	M26
T 27	19 41 8	23°29'11	1♐45	20°35	13°44	6°33	5°12	15°16	2°13	28°27	10°15	2°58	3°35	14°28	n.a.	T 27
W28	19 45 5	24°27'21	14°12	21°26	14°53	6°35	5°25	15°21	2°15	28°25	10°14	2°50	3°31	14°35	n.a.	W28
T 29	19 49 1	25°25'32	26°29	22°13	16° 3	6°R35	5°37	15°27	2°17	28°24	10°14	2°40	3°28	14°42	n.a.	T 29
F 30	19 52 58	26°23'45	8♑38	22°57	17°12	6°35	5°50	15°32	2°19	28°23	10°14	2°28	3°25	14°48	n.a.	F 30
S 31	19 56 54	27♋22'00	20♑40	23♌38	18♊22	6♓34	6♋ 3	15♍38	2♎21	28♐21	10♏14	2♎16	3♎22	14♒55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n48	18s27	4n45	24n18	1n29	13n56	2s39	15s14	4s23	24n13	0n24	8n56	2n30	0s 5	0n39	23s26	0n23	6s56	8n41	2s12	2s 0	13s36			n.a.
F 2	23 48	18 50	4 59	24 0	1 24	14 17	2 37	15 9	4 26	24 13	0 24	8 54	2 30	0 5	0 39	23 26	0 23	6 56	8 41	2 7	1 59	13 35			n.a.
S 3	23 48	18 20	4 58	23 41	1 19	14 37	2 35	15 4	4 28	24 13	0 25	8 53	2 30	0 6	0 38	23 26	0 23	6 56	8 41	2 2	1 57	13 34			n.a.
S 4	23 48	17 0	4 44	23 21	1 13	14 58	2 33	14 59	4 31	24 13	0 25	8 51	2 30	0 6	0 38	23 26	0 23	6 57	8 40	1 57	1 56	13 32			n.a.
M 5	23 47	14 57	4 18	22 59	1 7	15 19	2 30	14 55	4 33	24 13	0 25	8 50	2 29	0 6	0 38	23 26	0 23	6 57	8 40	1 52	1 55	13 31			n.a.
T 6	23 46	12 18	3 40	22 36	1 1	15 39	2 28	14 50	4 36	24 13	0 25	8 48	2 29	0 7	0 38	23 26	0 23	6 57	8 40	1 49	1 53	13 30			n.a.
W 7	23 44	9 9	2 53	22 13	0 54	15 59	2 26	14 46	4 38	24 13	0 25	8 46	2 29	0 7	0 38	23 26	0 23	6 57	8 39	1 46	1 52	13 28			n.a.
T 8	23 42	5 37	1 59	21 48	0 47	16 18	2 23	14 42	4 41	24 13	0 25	8 45	2 29	0 8	0 38	23 26	0 23	6 57	8 39	1 45	1 51	13 27			n.a.
F 9	23 40	1 50	0 58	21 23	0 40	16 38	2 21	14 38	4 43	24 13	0 25	8 43	2 28	0 8	0 38	23 26	0 22	6 57	8 39	1 44	1 50	13 26			n.a.
S 10	23 37	2n 5	0s 6	20 56	0 32	16 57	2 18	14 35	4 45	24 13	0 25	8 41	2 28	0 8	0 38	23 26	0 22	6 57	8 38	1 44	1 48	13 24			n.a.
S 11	23 34	6 0	1 11	20 29	0 24	17 16	2 15	14 32	4 48	24 13	0 25	8 39	2 28	0 9	0 38	23 26	0 22	6 57	8 38	1 44	1 47	13 23			n.a.
M12	23 30	9 45	2 14	20 2	0 16	17 34	2 12	14 29	4 50	24 13	0 25	8 37	2 28	0 9	0 38	23 26	0 22	6 57	8 38	1 44	1 46	13 22			n.a.
T 13	23 26	13 9	3 13	19 34	0 8	17 52	2 10	14 26	4 53	24 13	0 26	8 36	2 28	0 10	0 38	23 26	0 22	6 57	8 37	1 42	1 44	13 20			n.a.
W14	23 21	15 58	4 2	19 5	0s 1	18 10	2 7	14 23	4 55	24 13	0 26	8 34	2 27	0 10	0 38	23 26	0 22	6 58	8 37	1 40	1 43	13 19			n.a.
T 15	23 16	17 56	4 39	18 37	0 9	18 27	2 4	14 21	4 58	24 13	0 26	8 32	2 27	0 11	0 38	23 26	0 22	6 58	8 37	1 37	1 42	13 18			n.a.
F 16	23 11	18 47	4 58	18 7	0 18	18 45	2 1	14 19	5 0	24 13	0 26	8 30	2 27	0 12	0 38	23 26	0 22	6 58	8 36	1 33	1 41	13 16			n.a.
S 17	23 5	18 22	4 58	17 38	0 27	19 1	1 58	14 17	5 2	24 12	0 26	8 28	2 27	0 12	0 38	23 26	0 22	6 58	8 36	1 28	1 39	13 15			n.a.
S 18	22 58	16 40	4 38	17 9	0 37	19 17	1 55	14 15	5 4	24 12	0 26	8 26	2 27	0 13	0 38	23 26	0 22	6 58	8 36	1 24	1 38	13 13			n.a.
M19	22 52	13 48	3 57	16 39	0 46	19 33	1 51	14 14	5 7	24 12	0 26	8 24	2 26	0 13	0 38	23 26	0 22	6 59	8 35	1 20	1 37	13 12			n.a.
T 20	22 45	10 3	3 1	16 10	0 56	19 49	1 48	14 13	5 9	24 12	0 26	8 22	2 26	0 14	0 38	23 26	0 22	6 59	8 35	1 18	1 36	13 11			n.a.
W21	22 37	5 44	1 54	15 41	1 5	20 4	1 45	14 12	5 11	24 11	0 26	8 20	2 26	0 15	0 38	23 26	0 22	6 59	8 35	1 16	1 34	13 9			n.a.
T 22	22 29	1 12	0 40	15 11	1 15	20 18	1 42	14 12	5 13	24 11	0 27	8 18	2 26	0 16	0 38	23 26	0 22	6 59	8 34	1 16	1 33	13 8			n.a.
F 23	22 21	3s17	0n33	14 43	1 25	20 32	1 39	14 12	5 15	24 11	0 27	8 16	2 26	0 16	0 38	23 26	0 22	6 59	8 34	1 15	1 32	13 7			n.a.
S 24	22 12	7 28	1 43	14 14	1 35	20 46	1 35	14 12	5 17	24 10	0 27	8 13	2 26	0 17	0 38	23 26	0 22	7 0	8 33	1 16	1 30	13 5			n.a.
S 25	22 3	11 11	2 46	13 46	1 45	20 59	1 32	14 12	5 19	24 10	0 27	8 11	2 25	0 18	0 38	23 26	0 22	7 0	8 33	1 15	1 29	13 4			n.a.
M26	21 54	14 16	3 39	13 19	1 55	21 11	1 29	14 13	5 21	24 10	0 27	8 9	2 25	0 18	0 38	23 26	0 22	7 0	8 33	1 14	1 28	13 2			n.a.
T 27	21 44	16 36	4 19	12 53	2 5	21 23	1 25	14 14	5 23	24 9	0 27	8 7	2 25	0 19	0 38	23 26	0 22	7 1	8 32	1 12	1 27	13 1			n.a.
W28	21 34	18 6	4 47	12 27	2 15	21 35	1 22	14 15	5 25	24 9	0 27	8 5	2 25	0 20	0 38	23 26	0 22	7 1	8 32	1 9	1 25	13 0			n.a.
T 29	21 23	18 45	5 1	12 2	2 25	21 46	1 18	14 16	5 27	24 9	0 27	8 2	2 25	0 21	0 37	23 26	0 22	7 1	8 32	1 5	1 24	12 58			n.a.
F 30	21 12	18 31	5 1	11 39	2 35	21 56	1 15	14 18	5 28	24 8	0 28	8 0	2 25	0 22	0 37	23 26	0 22	7 2	8 31	1 0	1 23	12 57			n.a.
S 31	21n 0	17s28	4n47	11n16	2s44	22n 6	1s11	14s20	5s30	24n 8	0n28	7n58	2n24	0s23	0n37	23s26	0n22	7s 2	8n31	0s55	1s21	12s56			n.a.

Julian Day Number = 1369503.5, Delta T = 06h51m55s
Ecliptic obliquity = 23°48'27, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°22'40, Lahiri = -17°15'39 Julian Calendar 1 July 964 BCE == Greg. Calendar 22 June 964 BCE

The year -963 astronomical counting style corresponds to year 964 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 964 BCE
geocentric

AUGUST 964 BCE (-963) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 0 51	28♋20'16	2♒36	24♌14	19♊32	6°R32	6♋16	15♍43	2♎23	28°R20	10°D14	2°R 4	3♎19	15♒ 2	n.a.	S 1
M 2	20 4 47	29°18'35	14°28	24°46	20°42	6♓29	6°28	15°49	2°25	28♐19	10♏14	1♎54	3°16	15° 8	n.a.	M 2
T 3	20 8 44	0♌16'55	26°17	25°14	21°52	6°25	6°41	15°54	2°27	28°17	10°14	1°46	3°12	15°15	n.a.	T 3
W 4	20 12 40	1°15'18	8♓ 6	25°37	23° 2	6°21	6°53	16° 0	2°30	28°16	10°14	1°41	3° 9	15°22	n.a.	W 4
T 5	20 16 37	2°13'43	19°58	25°55	24°12	6°15	7° 6	16° 6	2°32	28°15	10°14	1°38	3° 6	15°29	n.a.	T 5
F 6	20 20 34	3°12'09	1♈56	26° 7	25°23	6° 9	7°19	16°12	2°34	28°13	10°15	1°D37	3° 3	15°35	n.a.	F 6
S 7	20 24 30	4°10'39	14° 4	26°14	26°33	6° 1	7°31	16°18	2°36	28°12	10°15	1°38	3° 0	15°42	n.a.	S 7
S 8	20 28 27	5° 9'10	26°28	26°R14	27°44	5°53	7°43	16°23	2°39	28°11	10°15	1°39	2°56	15°49	n.a.	S 8
M 9	20 32 23	6° 7'44	9♉11	26° 8	28°55	5°44	7°56	16°29	2°41	28°10	10°15	1°R39	2°53	15°55	n.a.	M 9
T 10	20 36 20	7° 6'20	22°19	25°56	0♋ 6	5°35	8° 8	16°35	2°44	28° 8	10°16	1°38	2°50	16° 2	n.a.	T 10
W11	20 40 16	8° 4'59	5♊55	25°37	1°17	5°24	8°20	16°41	2°46	28° 7	10°16	1°35	2°47	16° 9	n.a.	W11
T 12	20 44 13	9° 3'40	20° 0	25°10	2°28	5°13	8°33	16°48	2°49	28° 6	10°16	1°29	2°44	16°15	n.a.	T 12
F 13	20 48 9	10° 2'23	4♋34	24°37	3°39	5° 1	8°45	16°54	2°51	28° 5	10°17	1°23	2°41	16°22	n.a.	F 13
S 14	20 52 6	11° 1'09	19°31	23°57	4°50	4°48	8°57	17° 0	2°54	28° 4	10°17	1°15	2°37	16°29	n.a.	S 14
S 15	20 56 2	11°59'56	4♌43	23°11	6° 2	4°34	9° 9	17° 6	2°57	28° 3	10°17	1° 7	2°34	16°35	n.a.	S 15
M16	20 59 59	12°58'46	20° 0	22°18	7°13	4°20	9°21	17°12	3° 0	28° 2	10°18	1° 1	2°31	16°42	n.a.	M16
T 17	21 3 56	13°57'38	5♍11	21°21	8°25	4° 5	9°33	17°19	3° 2	28° 1	10°18	0°56	2°28	16°49	n.a.	T 17
W18	21 7 52	14°56'32	20° 7	20°19	9°36	3°50	9°45	17°25	3° 5	28° 0	10°19	0°54	2°25	16°55	n.a.	W18
T 19	21 11 49	15°55'28	4♎41	19°14	10°48	3°33	9°57	17°32	3° 8	27°59	10°19	0°D54	2°22	17° 2	n.a.	T 19
F 20	21 15 45	16°54'26	18°48	18° 8	12° 0	3°17	10° 9	17°38	3°11	27°58	10°20	0°55	2°18	17° 9	n.a.	F 20
S 21	21 19 42	17°53'26	2♏29	17° 1	13°12	3° 0	10°20	17°44	3°14	27°57	10°21	0°56	2°15	17°16	n.a.	S 21
S 22	21 23 38	18°52'27	15°45	15°57	14°24	2°42	10°32	17°51	3°17	27°56	10°21	0°R57	2°12	17°22	n.a.	S 22
M23	21 27 35	19°51'31	28°38	14°56	15°36	2°24	10°44	17°58	3°20	27°55	10°22	0°56	2° 9	17°29	n.a.	M23
T 24	21 31 31	20°50'36	11♐13	14° 0	16°49	2° 6	10°55	18° 4	3°23	27°54	10°23	0°54	2° 6	17°36	n.a.	T 24
W25	21 35 28	21°49'44	23°33	13°10	18° 1	1°48	11° 7	18°11	3°26	27°54	10°24	0°50	2° 2	17°42	n.a.	W25
T 26	21 39 25	22°48'53	5♑41	12°29	19°13	1°29	11°18	18°17	3°29	27°53	10°24	0°45	1°59	17°49	n.a.	T 26
F 27	21 43 21	23°48'04	17°41	11°57	20°26	1°10	11°29	18°24	3°32	27°52	10°25	0°39	1°56	17°56	n.a.	F 27
S 28	21 47 18	24°47'17	29°36	11°34	21°38	0°50	11°41	18°31	3°35	27°51	10°26	0°32	1°53	18° 2	n.a.	S 28
S 29	21 51 14	25°46'33	11♒28	11°22	22°51	0°31	11°52	18°37	3°38	27°51	10°27	0°25	1°50	18° 9	n.a.	S 29
M30	21 55 11	26°45'50	23°18	11°D20	24° 4	0°12	12° 3	18°44	3°41	27°50	10°28	0°20	1°47	18°16	n.a.	M30
T 31	21 59 7	27♌45'10	5♓ 9	11♌29	25♋17	29♒52	12♋14	18♍51	3♎44	27♐49	10♏29	0♎16	1♎43	18♒22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	20n49	15s38	4n21	10n55	2s54	22n16	1s 8	14s22	5s32	24n 7	0n28	7n55	2n24	0s24	0n37	23s26	0n22	7s 2	8n30	0s50	1s20	12s54			n.a.
M 2	20 37	13 10	3 44	10 36	3 3	22 24	1 4	14 24	5 33	24 7	0 28	7 53	2 24	0 24	0 37	23 26	0 22	7 3	8 30	0 46	1 19	12 53			n.a.
T 3	20 24	10 10	2 57	10 18	3 12	22 32	1 1	14 27	5 34	24 6	0 28	7 51	2 24	0 25	0 37	23 26	0 22	7 3	8 30	0 43	1 18	12 51			n.a.
W 4	20 11	6 46	2 2	10 2	3 20	22 40	0 57	14 30	5 36	24 6	0 28	7 48	2 24	0 26	0 37	23 26	0 22	7 3	8 29	0 41	1 16	12 50			n.a.
T 5	19 58	3 5	1 2	9 49	3 28	22 47	0 54	14 33	5 37	24 5	0 28	7 46	2 24	0 27	0 37	23 26	0 22	7 4	8 29	0 40	1 15	12 49			n.a.
F 6	19 44	0n45	0s 2	9 37	3 36	22 53	0 50	14 37	5 38	24 4	0 28	7 44	2 24	0 28	0 37	23 26	0 22	7 4	8 29	0 39	1 14	12 47			n.a.
S 7	19 31	4 37	1 6	9 29	3 43	22 59	0 47	14 40	5 39	24 4	0 29	7 41	2 23	0 29	0 37	23 26	0 22	7 5	8 28	0 40	1 12	12 46			n.a.
S 8	19 16	8 21	2 9	9 23	3 49	23 4	0 43	14 44	5 40	24 3	0 29	7 39	2 23	0 30	0 37	23 26	0 22	7 5	8 28	0 40	1 11	12 44			n.a.
M 9	19 2	11 49	3 8	9 20	3 54	23 8	0 40	14 48	5 40	24 3	0 29	7 36	2 23	0 31	0 37	23 26	0 22	7 5	8 27	0 40	1 10	12 43			n.a.
T 10	18 47	14 48	3 58	9 20	3 58	23 12	0 36	14 52	5 41	24 2	0 29	7 34	2 23	0 32	0 37	23 26	0 22	7 6	8 27	0 39	1 9	12 42			n.a.
W11	18 32	17 5	4 37	9 24	4 1	23 15	0 33	14 57	5 41	24 1	0 29	7 31	2 23	0 33	0 37	23 26	0 22	7 6	8 27	0 38	1 7	12 40			n.a.
T 12	18 16	18 25	5 1	9 31	4 3	23 18	0 30	15 1	5 42	24 1	0 29	7 29	2 23	0 34	0 37	23 26	0 22	7 7	8 26	0 36	1 6	12 39			n.a.
F 13	18 0	18 37	5 7	9 42	4 3	23 19	0 26	15 6	5 42	24 0	0 29	7 26	2 23	0 35	0 37	23 26	0 22	7 7	8 26	0 33	1 5	12 37			n.a.
S 14	17 44	17 33	4 52	9 56	4 2	23 20	0 23	15 11	5 42	23 59	0 29	7 24	2 23	0 36	0 37	23 26	0 22	7 8	8 26	0 30	1 4	12 36			n.a.
S 15	17 27	15 14	4 16	10 15	3 59	23 21	0 19	15 16	5 42	23 59	0 30	7 21	2 22	0 38	0 37	23 26	0 22	7 8	8 25	0 27	1 2	12 34			n.a.
M16	17 11	11 50	3 22	10 36	3 54	23 21	0 16	15 21	5 42	23 58	0 30	7 18	2 22	0 39	0 37	23 26	0 22	7 9	8 25	0 25	1 1	12 33			n.a.
T 17	16 54	7 40	2 14	11 2	3 47	23 20	0 12	15 27	5 42	23 57	0 30	7 16	2 22	0 40	0 37	23 26	0 22	7 9	8 24	0 23	1 0	12 32			n.a.
W18	16 36	3 5	0 58	11 30	3 38	23 18	0 9	15 32	5 41	23 57	0 30	7 13	2 22	0 41	0 37	23 26	0 22	7 10	8 24	0 22	0 58	12 30			n.a.
T 19	16 18	1s34	0n20	12 1	3 27	23 16	0 6	15 37	5 40	23 56	0 30	7 10	2 22	0 42	0 37	23 26	0 22	7 10	8 24	0 22	0 57	12 29			n.a.
F 20	16 1	6 0	1 36	12 33	3 14	23 13	0 2	15 43	5 40	23 55	0 30	7 8	2 22	0 43	0 37	23 26	0 22	7 11	8 23	0 22	0 56	12 27			n.a.
S 21	15 42	9 59	2 43	13 8	2 59	23 9	0n 1	15 48	5 39	23 54	0 30	7 5	2 22	0 45	0 37	23 26	0 22	7 11	8 23	0 23	0 55	12 26			n.a.
S 22	15 24	13 19	3 39	13 43	2 43	23 5	0 4	15 54	5 38	23 53	0 31	7 3	2 22	0 46	0 37	23 26	0 22	7 12	8 23	0 23	0 53	12 24			n.a.
M23	15 5	15 53	4 23	14 18	2 25	23 0	0 7	15 59	5 36	23 53	0 31	7 0	2 22	0 47	0 37	23 26	0 22	7 13	8 22	0 23	0 52	12 23			n.a.
T 24	14 46	17 38	4 52	14 52	2 6	22 54	0 10	16 5	5 35	23 52	0 31	6 57	2 22	0 48	0 37	23 26	0 22	7 13	8 22	0 22	0 51	12 22			n.a.
W25	14 27	18 31	5 8	15 25	1 47	22 48	0 14	16 10	5 33	23 51	0 31	6 54	2 21	0 49	0 37	23 26	0 22	7 14	8 21	0 20	0 49	12 20			n.a.
T 26	14 7	18 32	5 9	15 56	1 27	22 41	0 17	16 15	5 31	23 50	0 31	6 52	2 21	0 51	0 37	23 26	0 22	7 14	8 21	0 18	0 48	12 19			n.a.
F 27	13 48	17 43	4 57	16 24	1 7	22 33	0 20	16 21	5 30	23 49	0 31	6 49	2 21	0 52	0 37	23 26	0 22	7 15	8 21	0 16	0 47	12 17			n.a.
S 28	13 28	16 7	4 32	16 49	0 47	22 25	0 23	16 26	5 27	23 49	0 32	6 46	2 21	0 53	0 37	23 26	0 22	7 15	8 20	0 13	0 46	12 16			n.a.
S 29	13 7	13 51	3 55	17 11	0 28	22 16	0 26	16 31	5 25	23 48	0 32	6 43	2 21	0 55	0 37	23 26	0 21	7 16	8 20	0 10	0 44	12 14			n.a.
M30	12 47	11 0	3 8	17 29	0 10	22 6	0 29	16 36	5 23	23 47	0 32	6 41	2 21	0 56	0 36	23 26	0 21	7 17	8 20	0 8	0 43	12 13			n.a.
T 31	12n26	7s43	2n13	17n43	0n 7	21n55	0n31	16s40	5s20	23n46	0n32	6n38	2n21	0s57	0n36	23s26	0n21	7s17	8n19	0s 6	0s42	12s12			n.a.

Julian Day Number = 1369534.5, Delta T = 06h51m53s
Ecliptic obliquity = 23°48'27, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°22'36, Lahiri = -17°15'35 Julian Calendar 1 Aug. 964 BCE == Greg. Calendar 23 July 964 BCE

The year -963 astronomical counting style corresponds to year 964 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 964 BCE
geocentric

SEPTEMBER 964 BCE (-963) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 3 4	28♌44'31	17♓ 2	11♌49	26♋30	29°R33	12♋25	18♍58	3♎48	27°R49	10♏30	0°R13	1♎40	18♒29	n.a.	W 1
T 2	22 7 0	29°43'55	28°59	12°18	27°43	29♒14	12°36	19° 5	3°51	27♐48	10°31	0°D12	1°37	18°36	n.a.	T 2
F 3	22 10 57	0♍43'21	11♈ 4	12°57	28°56	28°54	12°46	19°12	3°54	27°48	10°32	0♎13	1°34	18°42	n.a.	F 3
S 4	22 14 53	1°42'50	23°19	13°44	0♌ 9	28°35	12°57	19°19	3°57	27°47	10°33	0°14	1°31	18°49	n.a.	S 4
S 5	22 18 50	2°42'21	5♉47	14°40	1°22	28°17	13° 8	19°25	4° 1	27°47	10°34	0°16	1°27	18°56	n.a.	S 5
M 6	22 22 47	3°41'54	18°32	15°42	2°35	27°58	13°18	19°32	4° 4	27°46	10°35	0°17	1°24	19° 2	n.a.	M 6
T 7	22 26 43	4°41'30	1♊37	16°51	3°49	27°40	13°29	19°39	4° 7	27°46	10°36	0°R18	1°21	19° 9	n.a.	T 7
W 8	22 30 40	5°41'09	15° 6	18° 6	5° 2	27°22	13°39	19°46	4°11	27°45	10°37	0°18	1°18	19°16	n.a.	W 8
T 9	22 34 36	6°40'50	29° 0	19°25	6°16	27° 5	13°49	19°53	4°14	27°45	10°39	0°16	1°15	19°23	n.a.	T 9
F 10	22 38 33	7°40'33	13♋19	20°49	7°29	26°48	13°59	20° 0	4°18	27°45	10°40	0°14	1°12	19°29	n.a.	F 10
S 11	22 42 29	8°40'19	28° 1	22°17	8°43	26°31	14° 9	20° 7	4°21	27°45	10°41	0°11	1° 8	19°36	n.a.	S 11
S 12	22 46 26	9°40'06	13♌ 0	23°47	9°57	26°15	14°19	20°14	4°25	27°44	10°43	0° 8	1° 5	19°43	n.a.	S 12
M13	22 50 22	10°39'57	28° 9	25°20	11°11	26° 0	14°29	20°21	4°28	27°44	10°44	0° 6	1° 2	19°49	n.a.	M13
T 14	22 54 19	11°39'49	13♍17	26°55	12°24	25°45	14°39	20°29	4°32	27°44	10°45	0° 4	0°59	19°56	n.a.	T 14
W15	22 58 15	12°39'43	28°16	28°32	13°38	25°31	14°49	20°36	4°35	27°44	10°47	0°D 4	0°56	20° 3	n.a.	W15
T 16	23 2 12	13°39'40	12♎57	0♍10	14°52	25°17	14°58	20°43	4°39	27°44	10°48	0° 4	0°53	20° 9	n.a.	T 16
F 17	23 6 9	14°39'38	27°14	1°49	16° 6	25° 4	15° 8	20°50	4°42	27°44	10°49	0° 5	0°49	20°16	n.a.	F 17
S 18	23 10 5	15°39'38	11♏ 5	3°28	17°20	24°52	15°17	20°57	4°46	27°44	10°51	0° 6	0°46	20°23	n.a.	S 18
S 19	23 14 2	16°39'40	24°29	5° 9	18°35	24°41	15°26	21° 4	4°50	27°D43	10°52	0° 7	0°43	20°29	n.a.	S 19
M20	23 17 58	17°39'44	7♐28	6°49	19°49	24°30	15°35	21°11	4°53	27°44	10°54	0° 8	0°40	20°36	n.a.	M20
T 21	23 21 55	18°39'49	20° 6	8°30	21° 3	24°20	15°44	21°18	4°57	27°44	10°55	0°R 8	0°37	20°43	n.a.	T 21
W22	23 25 51	19°39'56	2♑25	10°11	22°17	24°11	15°53	21°25	5° 1	27°44	10°57	0° 8	0°33	20°49	n.a.	W22
T 23	23 29 48	20°40'05	14°31	11°51	23°32	24° 3	16° 2	21°33	5° 4	27°44	10°59	0° 7	0°30	20°56	n.a.	T 23
F 24	23 33 44	21°40'16	26°27	13°32	24°46	23°55	16°10	21°40	5° 8	27°44	11° 0	0° 6	0°27	21° 3	n.a.	F 24
S 25	23 37 41	22°40'28	8♒18	15°12	26° 0	23°48	16°19	21°47	5°12	27°44	11° 2	0° 5	0°24	21° 9	n.a.	S 25
S 26	23 41 38	23°40'42	20° 8	16°53	27°15	23°42	16°27	21°54	5°15	27°44	11° 3	0° 4	0°21	21°16	n.a.	S 26
M27	23 45 34	24°40'58	1♓59	18°32	28°30	23°37	16°36	22° 1	5°19	27°45	11° 5	0° 3	0°18	21°23	n.a.	M27
T 28	23 49 31	25°41'16	13°54	20°12	29°44	23°33	16°44	22° 8	5°23	27°45	11° 7	0° 3	0°14	21°29	n.a.	T 28
W29	23 53 27	26°41'35	25°55	21°51	0♍59	23°29	16°52	22°15	5°26	27°45	11° 9	0°D 3	0°11	21°36	n.a.	W29
T 30	23 57 24	27♍41'56	8♈ 3	23♍30	2♍13	23♒27	17♋ 0	22♍22	5♎30	27♐46	11♏10	0♎ 3	0♎ 8	21♒43	n.a.	T 30

Day	☉		☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl		decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	12n 5		4s 6	1n12	17n53	0n23	21n44	0n34	16s45	5s18	23n45	0n32	6n35	2n21	0s58	0n36	23s26	0n21	7s18	8n19	0s 5	0s40	12s10			n.a.
T 2	11 44		0 18	0 7	17 59	0 38	21 33	0 37	16 49	5 15	23 44	0 32	6 32	2 21	1 0	0 36	23 26	0 21	7 19	8 19	0 5	0 39	12 9			n.a.
F 3	11 23		3n32	0s59	18 1	0 52	21 20	0 40	16 53	5 12	23 43	0 33	6 30	2 21	1 1	0 36	23 26	0 21	7 19	8 18	0 5	0 38	12 7			n.a.
S 4	11 2		7 17	2 4	17 59	1 4	21 7	0 42	16 57	5 9	23 42	0 33	6 27	2 21	1 2	0 36	23 26	0 21	7 20	8 18	0 6	0 37	12 6			n.a.
S 5	10 40		10 46	3 3	17 53	1 15	20 54	0 45	17 1	5 6	23 42	0 33	6 24	2 21	1 4	0 36	23 26	0 21	7 21	8 18	0 6	0 35	12 4			n.a.
M 6	10 18		13 50	3 55	17 43	1 25	20 39	0 48	17 5	5 2	23 41	0 33	6 21	2 21	1 5	0 36	23 26	0 21	7 21	8 17	0 7	0 34	12 3			n.a.
T 7	9 56		16 17	4 37	17 30	1 33	20 24	0 50	17 8	4 59	23 40	0 33	6 18	2 21	1 7	0 36	23 26	0 21	7 22	8 17	0 7	0 33	12 1			n.a.
W 8	9 34		17 55	5 4	17 13	1 40	20 9	0 53	17 11	4 55	23 39	0 33	6 16	2 21	1 8	0 36	23 26	0 21	7 23	8 17	0 7	0 31	12 0			n.a.
T 9	9 12		18 33	5 15	16 54	1 46	19 53	0 55	17 14	4 52	23 38	0 34	6 13	2 21	1 9	0 36	23 26	0 21	7 23	8 16	0 7	0 30	11 58			n.a.
F 10	8 49		18 2	5 7	16 31	1 51	19 36	0 57	17 16	4 48	23 37	0 34	6 10	2 20	1 11	0 36	23 26	0 21	7 24	8 16	0 6	0 29	11 57			n.a.
S 11	8 27		16 19	4 39	16 6	1 54	19 19	1 0	17 18	4 44	23 36	0 34	6 7	2 20	1 12	0 36	23 26	0 21	7 25	8 15	0 5	0 28	11 56			n.a.
S 12	8 4		13 28	3 52	15 38	1 57	19 1	1 2	17 20	4 40	23 35	0 34	6 4	2 20	1 14	0 36	23 26	0 21	7 25	8 15	0 3	0 26	11 54			n.a.
M13	7 41		9 41	2 47	15 8	1 59	18 43	1 4	17 22	4 36	23 34	0 34	6 1	2 20	1 15	0 36	23 26	0 21	7 26	8 15	0 2	0 25	11 53			n.a.
T 14	7 18		5 16	1 32	14 36	2 0	18 24	1 6	17 23	4 32	23 34	0 34	5 58	2 20	1 17	0 36	23 26	0 21	7 27	8 15	0 2	0 24	11 51			n.a.
W15	6 55		0 33	0 10	14 2	2 0	18 4	1 8	17 24	4 28	23 33	0 35	5 56	2 20	1 18	0 36	23 26	0 21	7 28	8 14	0 2	0 22	11 50			n.a.
T 16	6 31		4s 6	1n11	13 26	1 59	17 44	1 10	17 25	4 24	23 32	0 35	5 53	2 20	1 19	0 36	23 26	0 21	7 28	8 14	0 2	0 21	11 48			n.a.
F 17	6 8		8 24	2 25	12 49	1 58	17 24	1 12	17 26	4 20	23 31	0 35	5 50	2 20	1 21	0 36	23 26	0 21	7 29	8 14	0 2	0 20	11 47			n.a.
S 18	5 44		12 5	3 28	12 11	1 56	17 2	1 14	17 26	4 15	23 30	0 35	5 47	2 20	1 22	0 36	23 26	0 21	7 30	8 13	0 3	0 19	11 45			n.a.
S 19	5 21		15 1	4 18	11 31	1 53	16 41	1 15	17 26	4 11	23 29	0 35	5 44	2 20	1 24	0 36	23 26	0 21	7 31	8 13	0 3	0 17	11 44			n.a.
M20	4 57		17 5	4 53	10 51	1 51	16 19	1 17	17 25	4 7	23 28	0 36	5 41	2 20	1 25	0 36	23 26	0 21	7 31	8 13	0 3	0 16	11 42			n.a.
T 21	4 33		18 14	5 12	10 10	1 47	15 56	1 19	17 25	4 2	23 27	0 36	5 39	2 20	1 27	0 36	23 26	0 21	7 32	8 12	0 3	0 15	11 41			n.a.
W22	4 9		18 30	5 17	9 28	1 43	15 33	1 20	17 24	3 58	23 26	0 36	5 36	2 20	1 28	0 36	23 26	0 21	7 33	8 12	0 3	0 14	11 39			n.a.
T 23	3 45		17 55	5 7	8 45	1 39	15 10	1 22	17 23	3 54	23 26	0 36	5 33	2 20	1 30	0 36	23 26	0 21	7 34	8 12	0 3	0 12	11 38			n.a.
F 24	3 21		16 32	4 44	8 2	1 35	14 46	1 23	17 21	3 49	23 25	0 36	5 30	2 20	1 31	0 36	23 26	0 21	7 34	8 11	0 3	0 11	11 36			n.a.
S 25	2 57		14 27	4 10	7 18	1 30	14 22	1 24	17 19	3 45	23 24	0 36	5 27	2 20	1 33	0 36	23 26	0 21	7 35	8 11	0 2	0 10	11 35			n.a.
S 26	2 33		11 46	3 24	6 34	1 25	13 57	1 25	17 17	3 41	23 23	0 37	5 24	2 20	1 34	0 36	23 26	0 21	7 36	8 11	0 2	0 8	11 33			n.a.
M27	2 9		8 36	2 30	5 49	1 20	13 32	1 27	17 15	3 36	23 22	0 37	5 21	2 20	1 36	0 36	23 27	0 21	7 37	8 11	0 1	0 7	11 32			n.a.
T 28	1 44		5 4	1 29	5 5	1 14	13 6	1 28	17 12	3 32	23 21	0 37	5 19	2 20	1 37	0 36	23 27	0 21	7 38	8 10	0 1	0 6	11 30			n.a.
W29	1 20		1 18	0 23	4 20	1 9	12 40	1 29	17 9	3 28	23 21	0 37	5 16	2 20	1 39	0 36	23 27	0 21	7 38	8 10	0 1	0 5	11 29			n.a.
T 30	0n56		2n34	0s44	3n35	1n 3	12n14	1n30	17s 6	3s23	23n20	0n37	5n13	2n20	1s40	0n36	23s27	0n21	7s39	8n10	0s 1	0s 3	11s27			n.a.

Julian Day Number = 1369565.5, Delta T = 06h51m51s
Ecliptic obliquity = 23°48'28, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°22'31, Lahiri = -17°15'31 Julian Calendar 1 Sept. 964 BCE == Greg. Calendar 23 Aug. 964 BCE

The year -963 astronomical counting style corresponds to year 964 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 964 BCE
geocentric

OCTOBER 964 BCE (-963) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 1 20	28♍42'19	20♈22	25♍ 8	3♍28	23°R25	17♋ 7	22♍30	5♎34	27♐46	11♏12	0♎ 3	0♎ 5	21♒49	n.a.	F 1
S 2	0 5 17	29°42'44	2♉51	26°47	4°43	23♒24	17°15	22°37	5°38	27°46	11°14	0°R 3	0° 2	21°56	n.a.	S 2
S 3	0 9 13	0♎43'11	15°33	28°24	5°58	23°D23	17°23	22°44	5°41	27°47	11°16	0° 3	29♍58	22° 3	n.a.	S 3
M 4	0 13 10	1°43'40	28°29	0♎ 2	7°13	23°24	17°30	22°51	5°45	27°47	11°18	0° 3	29°55	22° 9	n.a.	M 4
T 5	0 17 6	2°44'11	11♊41	1°39	8°27	23°25	17°37	22°58	5°49	27°48	11°19	0° 3	29°52	22°16	n.a.	T 5
W 6	0 21 3	3°44'44	25° 9	3°15	9°42	23°27	17°44	23° 5	5°53	27°48	11°21	0° 2	29°49	22°23	n.a.	W 6
T 7	0 25 0	4°45'19	8♋56	4°52	10°57	23°30	17°51	23°12	5°56	27°49	11°23	0°D 2	29°46	22°29	n.a.	T 7
F 8	0 28 56	5°45'56	23° 1	6°28	12°12	23°34	17°58	23°19	6° 0	27°50	11°25	0° 3	29°43	22°36	n.a.	F 8
S 9	0 32 53	6°46'35	7♌22	8° 3	13°27	23°38	18° 4	23°26	6° 4	27°50	11°27	0° 3	29°39	22°43	n.a.	S 9
S 10	0 36 49	7°47'16	21°58	9°39	14°42	23°43	18°11	23°33	6° 8	27°51	11°29	0° 4	29°36	22°49	n.a.	S 10
M11	0 40 46	8°47'58	6♍43	11°14	15°57	23°49	18°17	23°40	6°12	27°52	11°31	0° 4	29°33	22°56	n.a.	M11
T 12	0 44 42	9°48'42	21°32	12°49	17°13	23°55	18°23	23°47	6°15	27°53	11°33	0° 5	29°30	23° 3	n.a.	T 12
W13	0 48 39	10°49'28	6♎16	14°23	18°28	24° 3	18°29	23°54	6°19	27°53	11°35	0°R 5	29°27	23° 9	n.a.	W13
T 14	0 52 35	11°50'16	20°50	15°58	19°43	24°11	18°35	24° 1	6°23	27°54	11°37	0° 4	29°24	23°16	n.a.	T 14
F 15	0 56 32	12°51'04	5♏ 6	17°32	20°58	24°19	18°41	24° 8	6°27	27°55	11°39	0° 3	29°20	23°23	n.a.	F 15
S 16	1 0 29	13°51'55	19° 0	19° 6	22°13	24°29	18°47	24°15	6°30	27°56	11°41	0° 1	29°17	23°30	n.a.	S 16
S 17	1 4 25	14°52'46	2♐30	20°39	23°29	24°39	18°52	24°21	6°34	27°57	11°43	29♍59	29°14	23°36	n.a.	S 17
M18	1 8 22	15°53'39	15°36	22°13	24°44	24°49	18°57	24°28	6°38	27°58	11°45	29°57	29°11	23°43	n.a.	M18
T 19	1 12 18	16°54'32	28°18	23°46	25°59	25° 1	19° 2	24°35	6°42	27°59	11°47	29°56	29° 8	23°50	n.a.	T 19
W20	1 16 15	17°55'27	10♑41	25°20	27°14	25°13	19° 7	24°42	6°45	28° 0	11°49	29°55	29° 4	23°56	n.a.	W20
T 21	1 20 11	18°56'23	22°48	26°53	28°30	25°25	19°12	24°49	6°49	28° 1	11°51	29°D54	29° 1	24° 3	n.a.	T 21
F 22	1 24 8	19°57'20	4♒44	28°26	29°45	25°39	19°16	24°55	6°53	28° 2	11°54	29°55	28°58	24°10	n.a.	F 22
S 23	1 28 4	20°58'18	16°34	29°59	1♎ 0	25°52	19°21	25° 2	6°56	28° 3	11°56	29°57	28°55	24°16	n.a.	S 23
S 24	1 32 1	21°59'16	28°23	1♏32	2°16	26° 7	19°25	25° 9	7° 0	28° 4	11°58	29°58	28°52	24°23	n.a.	S 24
M25	1 35 58	23° 0'16	10♓16	3° 4	3°31	26°22	19°29	25°15	7° 4	28° 5	12° 0	0♎ 0	28°49	24°30	n.a.	M25
T 26	1 39 54	24° 1'16	22°15	4°37	4°46	26°37	19°33	25°22	7° 7	28° 7	12° 2	0° 1	28°45	24°36	n.a.	T 26
W27	1 43 51	25° 2'17	4♈25	6° 9	6° 2	26°53	19°36	25°28	7°11	28° 8	12° 4	0°R 1	28°42	24°43	n.a.	W27
T 28	1 47 47	26° 3'20	16°47	7°41	7°17	27°10	19°40	25°35	7°15	28° 9	12° 6	0° 0	28°39	24°50	n.a.	T 28
F 29	1 51 44	27° 4'23	29°22	9°13	8°33	27°27	19°43	25°41	7°18	28°10	12° 9	29♍58	28°36	24°56	n.a.	F 29
S 30	1 55 40	28° 5'27	12♉13	10°45	9°48	27°45	19°46	25°48	7°22	28°12	12°11	29°54	28°33	25° 3	n.a.	S 30
S 31	1 59 37	29♎ 6'33	25♉17	12♏17	11♎ 4	28♒ 3	19♋49	25♍54	7♎25	28♐13	12♏13	29♍49	28♍29	25♒10	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n31	6n22	1s51	2n50	0n57	11n47	1n30	17s 3	3s19	23n19	0n38	5n10	2n20	1s42	0n36	23s27	0n21	7s40	8n 9	0s 1	0s 2	11s26		n.a.
S 2	0 7	9 57	2 53	2 4	0 51	11 20	1 31	16 59	3 15	23 18	0 38	5 7	2 21	1 43	0 36	23 27	0 21	7 41	8 9	0 1	0 1	11 24		n.a.
S 3	0s17	13 8	3 47	1 19	0 44	10 53	1 32	16 55	3 10	23 17	0 38	5 4	2 21	1 45	0 36	23 27	0 21	7 42	8 9	0 1	0n 1	11 23		n.a.
M 4	0 42	15 43	4 31	0 34	0 38	10 26	1 33	16 51	3 6	23 17	0 38	5 2	2 21	1 46	0 36	23 27	0 21	7 42	8 9	0 1	0 2	11 21		n.a.
T 5	1 6	17 33	5 2	0s11	0 32	9 58	1 33	16 47	3 2	23 16	0 39	4 59	2 21	1 48	0 36	23 27	0 21	7 43	8 8	0 1	0 3	11 20		n.a.
W 6	1 31	18 27	5 17	0 56	0 25	9 29	1 34	16 42	2 58	23 15	0 39	4 56	2 21	1 49	0 36	23 27	0 21	7 44	8 8	0 1	0 4	11 18		n.a.
T 7	1 55	18 17	5 14	1 40	0 19	9 1	1 34	16 37	2 54	23 14	0 39	4 53	2 21	1 51	0 36	23 27	0 21	7 45	8 8	0 1	0 6	11 17		n.a.
F 8	2 19	17 0	4 53	2 25	0 12	8 32	1 34	16 32	2 50	23 14	0 39	4 51	2 21	1 52	0 36	23 27	0 21	7 46	8 8	0 1	0 7	11 15		n.a.
S 9	2 44	14 38	4 13	3 9	0 6	8 3	1 35	16 27	2 46	23 13	0 39	4 48	2 21	1 54	0 36	23 27	0 20	7 46	8 7	0 1	0 8	11 14		n.a.
S 10	3 8	11 18	3 16	3 53	0s 1	7 34	1 35	16 21	2 42	23 12	0 40	4 45	2 21	1 55	0 36	23 27	0 20	7 47	8 7	0 1	0 10	11 12		n.a.
M11	3 32	7 14	2 6	4 37	0 7	7 5	1 35	16 16	2 38	23 12	0 40	4 42	2 21	1 57	0 36	23 27	0 20	7 48	8 7	0 2	0 11	11 11		n.a.
T 12	3 57	2 41	0 47	5 21	0 14	6 35	1 35	16 10	2 34	23 11	0 40	4 39	2 21	1 58	0 36	23 27	0 20	7 49	8 7	0 2	0 12	11 9		n.a.
W13	4 21	2s 0	0n34	6 4	0 20	6 5	1 35	16 4	2 30	23 10	0 40	4 37	2 21	2 0	0 36	23 27	0 20	7 50	8 6	0 2	0 13	11 8		n.a.
T 14	4 45	6 31	1 53	6 47	0 27	5 35	1 35	15 58	2 26	23 10	0 41	4 34	2 21	2 1	0 36	23 27	0 20	7 51	8 6	0 2	0 15	11 6		n.a.
F 15	5 9	10 34	3 2	7 29	0 33	5 5	1 35	15 51	2 22	23 9	0 41	4 31	2 21	2 3	0 36	23 27	0 20	7 51	8 6	0 1	0 16	11 5		n.a.
S 16	5 33	13 54	3 59	8 12	0 39	4 34	1 34	15 44	2 19	23 9	0 41	4 29	2 21	2 4	0 36	23 27	0 20	7 52	8 6	0 1	0 17	11 3		n.a.
S 17	5 57	16 24	4 41	8 53	0 46	4 4	1 34	15 38	2 15	23 8	0 41	4 26	2 21	2 6	0 36	23 27	0 20	7 53	8 5	0n 0	0 19	11 2		n.a.
M18	6 21	17 56	5 7	9 35	0 52	3 33	1 34	15 31	2 12	23 8	0 41	4 23	2 22	2 7	0 36	23 27	0 20	7 54	8 5	0 1	0 20	11 0		n.a.
T 19	6 45	18 32	5 16	10 15	0 58	3 3	1 33	15 23	2 8	23 7	0 42	4 21	2 22	2 9	0 36	23 27	0 20	7 55	8 5	0 2	0 21	10 59		n.a.
W20	7 8	18 12	5 11	10 56	1 4	2 32	1 33	15 16	2 5	23 7	0 42	4 18	2 22	2 10	0 36	23 27	0 20	7 56	8 5	0 2	0 22	10 57		n.a.
T 21	7 32	17 3	4 52	11 36	1 10	2 1	1 32	15 8	2 1	23 6	0 42	4 15	2 22	2 12	0 36	23 27	0 20	7 56	8 5	0 2	0 24	10 55		n.a.
F 22	7 55	15 10	4 20	12 15	1 15	1 30	1 32	15 1	1 58	23 6	0 42	4 13	2 22	2 13	0 36	23 27	0 20	7 57	8 4	0 2	0 25	10 54		n.a.
S 23	8 18	12 39	3 38	12 54	1 21	0 59	1 31	14 53	1 54	23 5	0 43	4 10	2 22	2 15	0 36	23 27	0 20	7 58	8 4	0 1	0 26	10 52		n.a.
S 24	8 42	9 38	2 46	13 32	1 26	0 28	1 30	14 45	1 51	23 5	0 43	4 8	2 22	2 16	0 36	23 27	0 20	7 59	8 4	0 1	0 28	10 51		n.a.
M25	9 5	6 11	1 47	14 9	1 31	0s 4	1 29	14 37	1 48	23 5	0 43	4 5	2 22	2 18	0 36	23 28	0 20	8 0	8 4	0s 0	0 29	10 49		n.a.
T 26	9 27	2 28	0 43	14 46	1 36	0 35	1 28	14 28	1 45	23 4	0 43	4 3	2 22	2 19	0 36	23 28	0 20	8 0	8 4	0 0	0 30	10 48		n.a.
W27	9 50	1n25	0s24	15 22	1 41	1 6	1 27	14 20	1 42	23 4	0 44	4 0	2 22	2 21	0 36	23 28	0 20	8 1	8 4	0 1	0 31	10 46		n.a.
T 28	10 13	5 18	1 31	15 57	1 46	1 37	1 26	14 11	1 39	23 4	0 44	3 58	2 23	2 22	0 36	23 28	0 20	8 2	8 3	0 0	0 33	10 45		n.a.
F 29	10 35	9 1	2 34	16 32	1 50	2 8	1 25	14 2	1 36	23 4	0 44	3 55	2 23	2 24	0 36	23 28	0 20	8 3	8 3	0n 1	0 34	10 43		n.a.
S 30	10 57	12 23	3 31	17 5	1 54	2 40	1 24	13 53	1 33	23 3	0 44	3 53	2 23	2 25	0 36	23 28	0 20	8 4	8 3	0 2	0 35	10 42		n.a.
S 31	11s20	15n12	4s18	17s38	1s58	3s11	1n23	13s44	1s30	23n 3	0n45	3n50	2n23	2s26	0n36	23s28	0n20	8s 5	8n 3	0n 4	0n37	10s40		n.a.

Julian Day Number = 1369595.5, Delta T = 06h51m50s
Ecliptic obliquity = 23°48'28, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°22'27, Lahiri = -17°15'27 Julian Calendar 1 Oct. 964 BCE == Greg. Calendar 22 Sept. 964 BCE

The year -963 astronomical counting style corresponds to year 964 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 964 BCE
geocentric

NOVEMBER 964 BCE (-963) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 3 33	0♏ 7'39	8♊35	13♏49	12♎19	28♒21	19♋52	26♍ 0	7♎29	28♐15	12♏15	29°R44	28♍26	25♒16	n.a.	M 1
T 2	2 7 30	1° 8'47	22° 6	15°20	13°34	28°40	19°55	26° 7	7°32	28°16	12°18	29♍39	28°23	25°23	n.a.	T 2
W 3	2 11 27	2° 9'55	5♋47	16°51	14°50	29° 0	19°57	26°13	7°36	28°17	12°20	29°35	28°20	25°30	n.a.	W 3
T 4	2 15 23	3°11'05	19°38	18°21	16° 5	29°19	19°59	26°19	7°39	28°19	12°22	29°33	28°17	25°36	n.a.	T 4
F 5	2 19 20	4°12'16	3♌38	19°51	17°21	29°40	20° 1	26°25	7°43	28°20	12°24	29°D32	28°14	25°43	n.a.	F 5
S 6	2 23 16	5°13'27	17°46	21°21	18°36	0♓ 0	20° 3	26°31	7°46	28°22	12°26	29°33	28°10	25°50	n.a.	S 6
S 7	2 27 13	6°14'40	2♍ 0	22°50	19°52	0°22	20° 5	26°37	7°50	28°23	12°29	29°34	28° 7	25°56	n.a.	S 7
M 8	2 31 9	7°15'54	16°18	24°18	21° 7	0°43	20° 6	26°43	7°53	28°25	12°31	29°36	28° 4	26° 3	n.a.	M 8
T 9	2 35 6	8°17'08	0♎38	25°45	22°23	1° 5	20° 7	26°49	7°57	28°27	12°33	29°R36	28° 1	26°10	n.a.	T 9
W10	2 39 2	9°18'23	14°56	27°11	23°38	1°27	20° 8	26°55	8° 0	28°28	12°35	29°35	27°58	26°16	n.a.	W10
T 11	2 42 59	10°19'39	29° 8	28°35	24°54	1°50	20° 9	27° 1	8° 3	28°30	12°38	29°32	27°55	26°23	n.a.	T 11
F 12	2 46 56	11°20'55	13♏ 8	29°58	26°10	2°13	20°10	27° 7	8° 7	28°32	12°40	29°27	27°51	26°30	n.a.	F 12
S 13	2 50 52	12°22'12	26°52	1♐19	27°25	2°37	20°10	27°13	8°10	28°33	12°42	29°20	27°48	26°36	n.a.	S 13
S 14	2 54 49	13°23'29	10♐17	2°38	28°41	3° 0	20°11	27°18	8°13	28°35	12°44	29°12	27°45	26°43	n.a.	S 14
M15	2 58 45	14°24'47	23°22	3°53	29°56	3°25	20°R11	27°24	8°16	28°37	12°47	29° 4	27°42	26°50	n.a.	M15
T 16	3 2 42	15°26'04	6♑ 6	5° 6	1♏12	3°49	20°11	27°29	8°20	28°38	12°49	28°57	27°39	26°56	n.a.	T 16
W17	3 6 38	16°27'22	18°30	6°15	2°27	4°14	20°10	27°35	8°23	28°40	12°51	28°51	27°35	27° 3	n.a.	W17
T 18	3 10 35	17°28'40	0♒39	7°20	3°43	4°39	20°10	27°40	8°26	28°42	12°54	28°47	27°32	27°10	n.a.	T 18
F 19	3 14 31	18°29'57	12°36	8°20	4°58	5° 4	20° 9	27°46	8°29	28°44	12°56	28°45	27°29	27°16	n.a.	F 19
S 20	3 18 28	19°31'14	24°26	9°15	6°14	5°30	20° 8	27°51	8°32	28°46	12°58	28°D45	27°26	27°23	n.a.	S 20
S 21	3 22 25	20°32'32	6♓15	10° 3	7°29	5°56	20° 7	27°56	8°35	28°48	13° 0	28°46	27°23	27°30	n.a.	S 21
M22	3 26 21	21°33'49	18° 7	10°43	8°45	6°22	20° 6	28° 1	8°38	28°49	13° 3	28°47	27°20	27°36	n.a.	M22
T 23	3 30 18	22°35'05	0♈ 9	11°15	10° 0	6°49	20° 4	28° 6	8°41	28°51	13° 5	28°R48	27°16	27°43	n.a.	T 23
W24	3 34 14	23°36'22	12°24	11°38	11°16	7°16	20° 2	28°12	8°44	28°53	13° 7	28°47	27°13	27°50	n.a.	W24
T 25	3 38 11	24°37'38	24°56	11°51	12°31	7°43	20° 1	28°16	8°47	28°55	13° 9	28°43	27°10	27°56	n.a.	T 25
F 26	3 42 7	25°38'54	7♉47	11°R54	13°47	8°10	19°59	28°21	8°50	28°57	13°11	28°37	27° 7	28° 3	n.a.	F 26
S 27	3 46 4	26°40'10	20°58	11°45	15° 2	8°38	19°56	28°26	8°53	28°59	13°14	28°29	27° 4	28°10	n.a.	S 27
S 28	3 50 1	27°41'26	4♊28	11°24	16°18	9° 6	19°54	28°31	8°56	29° 1	13°16	28°19	27° 1	28°16	n.a.	S 28
M29	3 53 57	28°42'42	18°13	10°51	17°33	9°34	19°51	28°36	8°58	29° 3	13°18	28° 8	26°57	28°23	n.a.	M29
T 30	3 57 54	29♏43'57	2♋11	10♐ 6	18♏48	10♓ 2	19♋48	28♍40	9♎ 1	29♐ 5	13♏20	27♍58	26♍54	28♒30	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s41	17n16	4s52	18s10	2s 2	3s42	1n21	13s35	1s27	23n 3	0n45	3n48	2n23	2s28	0n36	23s28	0n20	8s 5	8n 3	0n 6	0n38	10s39		n.a.
T 2	12 3	18 25	5 10	18 40	2 5	4 13	1 20	13 26	1 24	23 3	0 45	3 45	2 23	2 29	0 36	23 28	0 20	8 6	8 3	0 8	0 39	10 37		n.a.
W 3	12 25	18 30	5 11	19 10	2 8	4 44	1 19	13 16	1 21	23 3	0 45	3 43	2 23	2 31	0 36	23 28	0 20	8 7	8 2	0 10	0 40	10 35		n.a.
T 4	12 46	17 30	4 54	19 39	2 11	5 14	1 17	13 7	1 19	23 3	0 46	3 40	2 24	2 32	0 36	23 28	0 20	8 8	8 2	0 11	0 42	10 34		n.a.
F 5	13 7	15 26	4 19	20 6	2 13	5 45	1 16	12 57	1 16	23 3	0 46	3 38	2 24	2 33	0 36	23 28	0 20	8 9	8 2	0 11	0 43	10 32		n.a.
S 6	13 28	12 26	3 29	20 32	2 15	6 16	1 14	12 47	1 13	23 3	0 46	3 36	2 24	2 35	0 36	23 28	0 20	8 9	8 2	0 11	0 44	10 31		n.a.
S 7	13 48	8 40	2 25	20 57	2 16	6 46	1 12	12 37	1 11	23 3	0 46	3 34	2 24	2 36	0 36	23 28	0 20	8 10	8 2	0 10	0 46	10 29		n.a.
M 8	14 9	4 23	1 12	21 20	2 17	7 16	1 11	12 27	1 8	23 3	0 47	3 31	2 24	2 38	0 36	23 28	0 20	8 11	8 2	0 10	0 47	10 28		n.a.
T 9	14 29	0s10	0n 6	21 42	2 17	7 47	1 9	12 17	1 6	23 3	0 47	3 29	2 24	2 39	0 36	23 28	0 20	8 12	8 2	0 10	0 48	10 26		n.a.
W10	14 49	4 42	1 22	22 3	2 17	8 17	1 7	12 6	1 3	23 3	0 47	3 27	2 24	2 40	0 36	23 28	0 20	8 12	8 2	0 10	0 49	10 25		n.a.
T 11	15 9	8 57	2 33	22 21	2 16	8 46	1 6	11 56	1 1	23 3	0 47	3 25	2 25	2 42	0 36	23 28	0 20	8 13	8 1	0 11	0 51	10 23		n.a.
F 12	15 28	12 37	3 34	22 38	2 14	9 16	1 4	11 45	0 58	23 3	0 48	3 22	2 25	2 43	0 36	23 28	0 20	8 14	8 1	0 13	0 52	10 21		n.a.
S 13	15 47	15 32	4 21	22 53	2 12	9 45	1 2	11 34	0 56	23 3	0 48	3 20	2 25	2 44	0 36	23 28	0 20	8 15	8 1	0 16	0 53	10 20		n.a.
S 14	16 6	17 31	4 52	23 6	2 9	10 14	1 0	11 23	0 54	23 4	0 48	3 18	2 25	2 46	0 36	23 28	0 20	8 16	8 1	0 19	0 54	10 18		n.a.
M15	16 25	18 32	5 7	23 18	2 5	10 43	0 58	11 12	0 51	23 4	0 48	3 16	2 25	2 47	0 36	23 28	0 20	8 16	8 1	0 23	0 56	10 17		n.a.
T 16	16 43	18 34	5 6	23 27	2 0	11 12	0 56	11 1	0 49	23 4	0 49	3 14	2 25	2 48	0 36	23 28	0 20	8 17	8 1	0 26	0 57	10 15		n.a.
W17	17 1	17 42	4 51	23 34	1 54	11 40	0 54	10 50	0 47	23 4	0 49	3 12	2 26	2 49	0 36	23 28	0 20	8 18	8 1	0 28	0 58	10 13		n.a.
T 18	17 18	16 3	4 22	23 38	1 47	12 8	0 52	10 39	0 45	23 5	0 49	3 10	2 26	2 51	0 36	23 28	0 20	8 19	8 1	0 30	1 0	10 12		n.a.
F 19	17 36	13 43	3 43	23 40	1 40	12 36	0 50	10 28	0 43	23 5	0 50	3 8	2 26	2 52	0 36	23 28	0 20	8 19	8 1	0 30	1 1	10 10		n.a.
S 20	17 53	10 50	2 54	23 40	1 30	13 3	0 48	10 16	0 41	23 5	0 50	3 6	2 26	2 53	0 36	23 29	0 20	8 20	8 1	0 30	1 2	10 9		n.a.
S 21	18 10	7 32	1 59	23 37	1 20	13 30	0 45	10 4	0 39	23 6	0 50	3 4	2 26	2 54	0 36	23 29	0 20	8 21	8 1	0 30	1 3	10 7		n.a.
M22	18 26	3 53	0 57	23 32	1 9	13 57	0 43	9 53	0 37	23 6	0 50	3 2	2 27	2 55	0 36	23 29	0 20	8 21	8 1	0 29	1 5	10 6		n.a.
T 23	18 42	0 3	0s 7	23 24	0 56	14 24	0 41	9 41	0 35	23 7	0 51	3 0	2 27	2 57	0 36	23 29	0 20	8 22	8 1	0 29	1 6	10 4		n.a.
W24	18 58	3n52	1 13	23 13	0 42	14 50	0 39	9 29	0 33	23 7	0 51	2 58	2 27	2 58	0 36	23 29	0 19	8 23	8 0	0 30	1 7	10 2		n.a.
T 25	19 13	7 42	2 16	22 59	0 26	15 15	0 36	9 17	0 31	23 8	0 51	2 56	2 27	2 59	0 36	23 29	0 19	8 24	8 0	0 31	1 9	10 1		n.a.
F 26	19 28	11 17	3 13	22 43	0 10	15 40	0 34	9 5	0 29	23 8	0 51	2 55	2 27	3 0	0 36	23 29	0 19	8 24	8 0	0 33	1 10	9 59		n.a.
S 27	19 43	14 23	4 2	22 24	0n 8	16 5	0 32	8 53	0 27	23 9	0 52	2 53	2 28	3 1	0 36	23 29	0 19	8 25	8 0	0 37	1 11	9 58		n.a.
S 28	19 57	16 48	4 38	22 3	0 27	16 30	0 30	8 41	0 26	23 10	0 52	2 51	2 28	3 2	0 36	23 29	0 19	8 26	8 0	0 41	1 12	9 56		n.a.
M29	20 11	18 18	4 59	21 39	0 47	16 54	0 27	8 28	0 24	23 10	0 52	2 49	2 28	3 3	0 36	23 29	0 19	8 26	8 0	0 45	1 14	9 54		n.a.
T 30	20s24	18n44	5s 3	21s13	1n 6	17s17	0n25	8s16	0s22	23n11	0n52	2n48	2n28	3s 4	0n36	23s29	0n19	8s27	8n 0	0n49	1n15	9s53		n.a.

Julian Day Number = 1369626.5, Delta T = 06h51m48s
Ecliptic obliquity = 23°48'28, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°22'23, Lahiri = -17°15'23 Julian Calendar 1 Nov. 964 BCE == Greg. Calendar 23 Oct. 964 BCE

The year -963 astronomical counting style corresponds to year 964 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 964 BCE
geocentric

DECEMBER 964 BCE (-963) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 1 50	0♐45'13	16♋17	9°R12	20♏ 4	10♓30	19°R45	28♍45	9♎ 4	29♐ 7	13♏22	27°R49	26♍51	28♒36	n.a.	W 1
T 2	4 5 47	1°46'28	0♌27	8♐ 7	21°19	10°59	19♋42	28°49	9° 7	29° 9	13°25	27♍43	26°48	28°43	n.a.	T 2
F 3	4 9 43	2°47'43	14°37	6°56	22°35	11°28	19°39	28°54	9° 9	29°11	13°27	27°39	26°45	28°50	n.a.	F 3
S 4	4 13 40	3°48'58	28°45	5°39	23°50	11°57	19°35	28°58	9°12	29°14	13°29	27°D38	26°41	28°56	n.a.	S 4
S 5	4 17 36	4°50'13	12♍50	4°20	25° 6	12°26	19°31	29° 2	9°14	29°16	13°31	27°38	26°38	29° 3	n.a.	S 5
M 6	4 21 33	5°51'27	26°50	3° 0	26°21	12°56	19°27	29° 6	9°17	29°18	13°33	27°R38	26°35	29°10	n.a.	M 6
T 7	4 25 30	6°52'42	10♎46	1°43	27°36	13°26	19°23	29°10	9°19	29°20	13°35	27°37	26°32	29°16	n.a.	T 7
W 8	4 29 26	7°53'56	24°37	0°30	28°52	13°55	19°19	29°14	9°22	29°22	13°37	27°35	26°29	29°23	n.a.	W 8
T 9	4 33 23	8°55'10	8♏20	29♏24	0♐ 7	14°25	19°15	29°18	9°24	29°24	13°40	27°29	26°26	29°30	n.a.	T 9
F 10	4 37 19	9°56'23	21°55	28°26	1°23	14°56	19°10	29°22	9°26	29°26	13°42	27°20	26°22	29°36	n.a.	F 10
S 11	4 41 16	10°57'35	5♐18	27°36	2°38	15°26	19° 5	29°26	9°29	29°28	13°44	27° 9	26°19	29°43	n.a.	S 11
S 12	4 45 12	11°58'47	18°27	26°56	3°53	15°57	19° 0	29°29	9°31	29°31	13°46	26°56	26°16	29°50	n.a.	S 12
M13	4 49 9	12°59'59	1♑21	26°25	5° 9	16°28	18°55	29°33	9°33	29°33	13°48	26°42	26°13	29°56	n.a.	M13
T 14	4 53 5	14° 1'09	13°58	26° 3	6°24	16°58	18°50	29°36	9°35	29°35	13°50	26°30	26°10	0♓ 3	n.a.	T 14
W15	4 57 2	15° 2'18	26°19	25°51	7°40	17°30	18°44	29°40	9°37	29°37	13°52	26°19	26° 7	0° 9	n.a.	W15
T 16	5 0 59	16° 3'27	8♒26	25°D47	8°55	18° 1	18°39	29°43	9°39	29°40	13°54	26°11	26° 3	0°16	n.a.	T 16
F 17	5 4 55	17° 4'34	20°23	25°52	10°10	18°32	18°33	29°46	9°41	29°42	13°56	26° 5	26° 0	0°23	n.a.	F 17
S 18	5 8 52	18° 5'39	2♓12	26° 4	11°25	19° 4	18°27	29°49	9°43	29°44	13°58	26° 2	25°57	0°29	n.a.	S 18
S 19	5 12 48	19° 6'44	14° 0	26°22	12°41	19°35	18°21	29°52	9°45	29°46	14° 0	26° 2	25°54	0°36	n.a.	S 19
M20	5 16 45	20° 7'47	25°51	26°48	13°56	20° 7	18°15	29°55	9°47	29°48	14° 2	26° 2	25°51	0°43	n.a.	M20
T 21	5 20 41	21° 8'49	7♈52	27°19	15°11	20°39	18° 9	29°58	9°49	29°51	14° 4	26° 1	25°47	0°49	n.a.	T 21
W22	5 24 38	22° 9'50	20° 7	27°55	16°27	21°11	18° 2	0♎ 1	9°51	29°53	14° 5	25°59	25°44	0°56	n.a.	W22
T 23	5 28 35	23°10'49	2♉42	28°36	17°42	21°43	17°56	0° 3	9°52	29°55	14° 7	25°55	25°41	1° 3	n.a.	T 23
F 24	5 32 31	24°11'47	15°40	29°22	18°57	22°16	17°49	0° 6	9°54	29°58	14° 9	25°48	25°38	1° 9	n.a.	F 24
S 25	5 36 28	25°12'43	29° 3	0♐11	20°12	22°48	17°42	0° 8	9°56	29°59	14°11	25°39	25°35	1°16	n.a.	S 25
S 26	5 40 24	26°13'39	12♊51	1° 4	21°27	23°21	17°36	0°11	9°57	0♑ 2	14°13	25°27	25°32	1°23	n.a.	S 26
M27	5 44 21	27°14'32	27° 0	2° 1	22°43	23°53	17°29	0°13	9°59	0° 4	14°15	25°15	25°28	1°29	n.a.	M27
T 28	5 48 17	28°15'25	11♋25	3° 0	23°58	24°26	17°22	0°15	10° 0	0° 7	14°16	25° 2	25°25	1°36	n.a.	T 28
W29	5 52 14	29°16'16	26° 0	4° 2	25°13	24°59	17°14	0°17	10° 1	0° 9	14°18	24°52	25°22	1°43	n.a.	W29
T 30	5 56 10	0♑17'06	10♌36	5° 7	26°28	25°32	17° 7	0°19	10° 3	0°11	14°20	24°44	25°19	1°49	n.a.	T 30
F 31	6 0 7	1♑17'55	25♌ 8	6♐14	27♐43	26♓ 5	17♋ 0	0♎21	10♎ 4	0♑13	14♏21	24♍38	25♍16	1♓56	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20s37	18n 1	4s48	20s45	1n26	17s40	0n22	8s 3	0s20	23n12	0n53	2n46	2n28	3s 5	0n36	23s29	0n19	8s28	8n 0	0n53	1n16	9s51			n.a.
T 2	20 50	16 12	4 16	20 16	1 46	18 3	0 20	7 51	0 19	23 12	0 53	2 45	2 29	3 7	0 36	23 29	0 19	8 28	8 0	0 55	1 18	9 50			n.a.
F 3	21 2	13 23	3 28	19 46	2 4	18 25	0 18	7 38	0 17	23 13	0 53	2 43	2 29	3 8	0 36	23 29	0 19	8 29	8 0	0 57	1 19	9 48			n.a.
S 4	21 14	9 47	2 27	19 15	2 22	18 46	0 15	7 25	0 15	23 14	0 53	2 42	2 29	3 9	0 36	23 29	0 19	8 30	8 0	0 57	1 20	9 46			n.a.
S 5	21 26	5 39	1 18	18 46	2 37	19 7	0 13	7 12	0 14	23 15	0 54	2 40	2 29	3 10	0 36	23 29	0 19	8 30	8 0	0 57	1 21	9 45			n.a.
M 6	21 37	1 13	0 4	18 18	2 51	19 28	0 10	7 0	0 12	23 16	0 54	2 39	2 30	3 11	0 36	23 29	0 19	8 31	8 0	0 57	1 23	9 43			n.a.
T 7	21 48	3s16	1n 9	17 51	3 2	19 48	0 8	6 47	0 11	23 16	0 54	2 37	2 30	3 12	0 36	23 29	0 19	8 31	8 0	0 58	1 24	9 42			n.a.
W 8	21 58	7 32	2 18	17 28	3 11	20 7	0 6	6 34	0 9	23 17	0 54	2 36	2 30	3 12	0 36	23 29	0 19	8 32	8 0	0 59	1 25	9 40			n.a.
T 9	22 8	11 23	3 18	17 8	3 17	20 26	0 3	6 20	0 8	23 18	0 55	2 34	2 30	3 13	0 36	23 29	0 19	8 33	8 0	1 1	1 27	9 38			n.a.
F 10	22 17	14 34	4 6	16 51	3 21	20 44	0 1	6 7	0 6	23 19	0 55	2 33	2 31	3 14	0 36	23 29	0 19	8 33	8 0	1 4	1 28	9 37			n.a.
S 11	22 26	16 56	4 40	16 38	3 23	21 2	0s 2	5 54	0 5	23 20	0 55	2 32	2 31	3 15	0 37	23 29	0 19	8 34	8 0	1 9	1 29	9 35			n.a.
S 12	22 34	18 21	4 58	16 29	3 23	21 19	0 4	5 41	0 3	23 21	0 55	2 31	2 31	3 16	0 37	23 29	0 19	8 34	8 0	1 14	1 30	9 34			n.a.
M13	22 42	18 48	5 0	16 24	3 21	21 35	0 6	5 27	0 2	23 22	0 56	2 29	2 31	3 17	0 37	23 29	0 19	8 35	8 0	1 20	1 32	9 32			n.a.
T 14	22 50	18 18	4 47	16 22	3 17	21 51	0 9	5 14	0 1	23 23	0 56	2 28	2 32	3 18	0 37	23 29	0 19	8 36	8 0	1 25	1 33	9 30			n.a.
W15	22 57	16 56	4 21	16 24	3 13	22 6	0 11	5 0	0n 1	23 24	0 56	2 27	2 32	3 19	0 37	23 29	0 19	8 36	8 0	1 29	1 34	9 29			n.a.
T 16	23 4	14 50	3 44	16 28	3 7	22 21	0 13	4 47	0 2	23 25	0 56	2 26	2 32	3 19	0 37	23 29	0 19	8 37	8 0	1 33	1 35	9 27			n.a.
F 17	23 10	12 7	2 57	16 36	3 0	22 35	0 16	4 33	0 3	23 26	0 57	2 25	2 32	3 20	0 37	23 29	0 19	8 37	8 0	1 35	1 37	9 26			n.a.
S 18	23 16	8 57	2 3	16 46	2 53	22 48	0 18	4 19	0 5	23 27	0 57	2 24	2 33	3 21	0 37	23 29	0 19	8 38	8 0	1 36	1 38	9 24			n.a.
S 19	23 21	5 25	1 3	16 58	2 45	23 0	0 20	4 6	0 6	23 28	0 57	2 23	2 33	3 22	0 37	23 29	0 19	8 38	8 1	1 36	1 39	9 22			n.a.
M20	23 26	1 40	0 1	17 13	2 36	23 12	0 23	3 52	0 7	23 29	0 57	2 22	2 33	3 22	0 37	23 29	0 19	8 39	8 1	1 36	1 41	9 21			n.a.
T 21	23 30	2n13	1s 2	17 28	2 27	23 23	0 25	3 38	0 8	23 30	0 57	2 21	2 33	3 23	0 37	23 29	0 19	8 39	8 1	1 36	1 42	9 19			n.a.
W22	23 34	6 4	2 4	17 46	2 18	23 33	0 27	3 24	0 9	23 31	0 58	2 20	2 34	3 24	0 37	23 29	0 19	8 40	8 1	1 37	1 43	9 17			n.a.
T 23	23 38	9 46	3 1	18 4	2 9	23 43	0 29	3 10	0 11	23 32	0 58	2 19	2 34	3 24	0 37	23 29	0 19	8 40	8 1	1 39	1 44	9 16			n.a.
F 24	23 41	13 6	3 51	18 23	1 59	23 52	0 32	2 56	0 12	23 34	0 58	2 19	2 34	3 25	0 37	23 29	0 19	8 41	8 1	1 41	1 46	9 14			n.a.
S 25	23 43	15 53	4 29	18 43	1 49	24 0	0 34	2 42	0 13	23 35	0 58	2 18	2 34	3 26	0 37	23 29	0 19	8 41	8 1	1 45	1 47	9 12			n.a.
S 26	23 45	17 50	4 53	19 4	1 40	24 8	0 36	2 28	0 14	23 36	0 58	2 17	2 35	3 26	0 37	23 29	0 19	8 42	8 1	1 50	1 48	9 11			n.a.
M27	23 47	18 46	5 0	19 25	1 30	24 14	0 38	2 14	0 15	23 37	0 59	2 16	2 35	3 27	0 37	23 29	0 19	8 42	8 1	1 55	1 50	9 9			n.a.
T 28	23 48	18 31	4 48	19 46	1 20	24 20	0 40	2 0	0 16	23 38	0 59	2 16	2 35	3 27	0 37	23 29	0 19	8 42	8 1	2 0	1 51	9 8			n.a.
W29	23 48	17 3	4 18	20 7	1 11	24 25	0 42	1 46	0 17	23 39	0 59	2 15	2 35	3 28	0 37	23 29	0 19	8 43	8 1	2 4	1 52	9 6			n.a.
T 30	23 48	14 29	3 30	20 29	1 1	24 30	0 44	1 31	0 18	23 40	0 59	2 15	2 36	3 28	0 37	23 29	0 19	8 43	8 1	2 8	1 53	9 4			n.a.
F 31	23s48	11n 0	2s29	20s50	0n52	24s34	0s46	1s17	0n19	23n41	0n59	2n14	2n36	3s29	0n37	23s30	0n19	8s44	8n 1	2n10	1n55	9s 3			n.a.

Julian Day Number = 1369656.5, Delta T = 06h51m47s
Ecliptic obliquity = 23°48'27, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°22'19, Lahiri = -17°15'18 Julian Calendar 1 Dec. 964 BCE == Greg. Calendar 22 Nov. 964 BCE

The year -963 astronomical counting style corresponds to year 964 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 963 BCE
geocentric

JANUARY 963 BCE (-962) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 4 4	2♑18'43	9♍32	7♐23	28♐58	26♓38	16°R52	0♎23	10♎ 5	0♑16	14♏23	24°R36	25♍13	2♓ 3	n.a.	S 1
S 2	6 8 0	3°19'29	23°43	8°34	0♑14	27°11	16♋45	0°24	10° 7	0°18	14°25	24°D36	25° 9	2° 9	n.a.	S 2
M 3	6 11 57	4°20'14	7♎41	9°46	1°29	27°45	16°37	0°26	10° 8	0°20	14°26	24°R36	25° 6	2°16	n.a.	M 3
T 4	6 15 53	5°20'59	21°26	11° 1	2°44	28°18	16°30	0°27	10° 9	0°23	14°28	24♍35	25° 3	2°23	n.a.	T 4
W 5	6 19 50	6°21'41	4♏59	12°17	3°59	28°52	16°22	0°29	10°10	0°25	14°30	24°32	25° 0	2°29	n.a.	W 5
T 6	6 23 46	7°22'23	18°21	13°34	5°14	29°25	16°14	0°30	10°11	0°27	14°31	24°26	24°57	2°36	n.a.	T 6
F 7	6 27 43	8°23'03	1♐32	14°53	6°29	29°59	16° 7	0°31	10°12	0°29	14°33	24°18	24°53	2°43	n.a.	F 7
S 8	6 31 39	9°23'42	14°31	16°14	7°44	0♈33	15°59	0°32	10°13	0°32	14°34	24° 7	24°50	2°49	n.a.	S 8
S 9	6 35 36	10°24'19	27°19	17°35	8°59	1° 7	15°51	0°33	10°13	0°34	14°36	23°54	24°47	2°56	n.a.	S 9
M10	6 39 33	11°24'55	9♑55	18°58	10°14	1°41	15°43	0°34	10°14	0°36	14°37	23°40	24°44	3° 3	n.a.	M10
T 11	6 43 29	12°25'29	22°19	20°22	11°29	2°15	15°35	0°35	10°15	0°38	14°39	23°28	24°41	3° 9	n.a.	T 11
W12	6 47 26	13°26'01	4♒31	21°47	12°44	2°49	15°27	0°35	10°15	0°41	14°40	23°17	24°38	3°16	n.a.	W12
T 13	6 51 22	14°26'31	16°32	23°13	13°59	3°23	15°19	0°36	10°16	0°43	14°41	23° 8	24°34	3°23	n.a.	T 13
F 14	6 55 19	15°27'00	28°25	24°41	15°14	3°57	15°12	0°36	10°17	0°45	14°43	23° 2	24°31	3°29	n.a.	F 14
S 15	6 59 15	16°27'26	10♓13	26° 9	16°29	4°32	15° 4	0°37	10°17	0°47	14°44	22°59	24°28	3°36	n.a.	S 15
S 16	7 3 12	17°27'50	22° 0	27°38	17°44	5° 6	14°56	0°37	10°17	0°49	14°45	22°D58	24°25	3°43	n.a.	S 16
M17	7 7 8	18°28'13	3♈50	29° 9	18°59	5°40	14°48	0°37	10°18	0°52	14°46	22°59	24°22	3°49	n.a.	M17
T 18	7 11 5	19°28'33	15°48	0♑40	20°14	6°15	14°40	0°R37	10°18	0°54	14°48	22°R59	24°18	3°56	n.a.	T 18
W19	7 15 2	20°28'51	28° 1	2°13	21°29	6°50	14°32	0°37	10°18	0°56	14°49	22°59	24°15	4° 3	n.a.	W19
T 20	7 18 58	21°29'06	10♉34	3°46	22°44	7°24	14°24	0°37	10°19	0°58	14°50	22°57	24°12	4° 9	n.a.	T 20
F 21	7 22 55	22°29'20	23°30	5°21	23°58	7°59	14°16	0°36	10°19	1° 0	14°51	22°53	24° 9	4°16	n.a.	F 21
S 22	7 26 51	23°29'31	6♊54	6°56	25°13	8°34	14° 9	0°36	10°19	1° 3	14°52	22°47	24° 6	4°22	n.a.	S 22
S 23	7 30 48	24°29'41	20°46	8°33	26°28	9° 9	14° 1	0°36	10°R19	1° 5	14°53	22°38	24° 3	4°29	n.a.	S 23
M24	7 34 44	25°29'48	5♋ 5	10°10	27°43	9°43	13°53	0°35	10°19	1° 7	14°54	22°29	23°59	4°36	n.a.	M24
T 25	7 38 41	26°29'53	19°46	11°49	28°58	10°18	13°46	0°34	10°19	1° 9	14°55	22°20	23°56	4°42	n.a.	T 25
W26	7 42 37	27°29'56	4♌41	13°29	0♒12	10°53	13°38	0°33	10°19	1°11	14°56	22°12	23°53	4°49	n.a.	W26
T 27	7 46 34	28°29'57	19°42	15° 9	1°27	11°28	13°31	0°33	10°19	1°13	14°57	22° 6	23°50	4°56	n.a.	T 27
F 28	7 50 31	29°29'56	4♍39	16°51	2°42	12° 3	13°23	0°32	10°18	1°15	14°58	22° 2	23°47	5° 2	n.a.	F 28
S 29	7 54 27	0♒29'53	19°25	18°34	3°57	12°38	13°16	0°31	10°18	1°17	14°59	22°D 1	23°44	5° 9	n.a.	S 29
S 30	7 58 24	1°29'48	3♎54	20°18	5°11	13°14	13° 9	0°29	10°18	1°19	15° 0	22° 1	23°40	5°16	n.a.	S 30
M31	8 2 20	2♒29'42	18♎ 3	22♑ 3	6♒26	13♈49	13♋ 2	0♎28	10♎17	1♑21	15♏ 1	22♍ 3	23♍37	5♓22	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s47	6n54	1s19	21s10	0n43	24s36	0s48	1s 3	0n20	23n43	1n 0	2n14	2n36	3s29	0n37	23s30	0n19	8s44	8n 2	2n11	1n56	9s 1		n.a.
S 2	23 46	2 28	0 5	21 31	0 34	24 39	0 50	0 49	0 21	23 44	1 0	2 13	2 36	3 30	0 37	23 30	0 19	8 44	8 2	2 11	1 57	8 59		n.a.
M 3	23 44	2s 3	1n 9	21 51	0 25	24 40	0 52	0 34	0 22	23 45	1 0	2 13	2 37	3 30	0 37	23 30	0 19	8 45	8 2	2 11	1 58	8 58		n.a.
T 4	23 42	6 22	2 17	22 11	0 16	24 41	0 54	0 20	0 23	23 46	1 0	2 13	2 37	3 31	0 37	23 30	0 19	8 45	8 2	2 11	2 0	8 56		n.a.
W 5	23 39	10 18	3 16	22 30	0 7	24 40	0 56	0 5	0 24	23 47	1 0	2 12	2 37	3 31	0 37	23 30	0 19	8 46	8 2	2 12	2 1	8 54		n.a.
T 6	23 36	13 39	4 4	22 48	0s 1	24 40	0 57	0n 9	0 25	23 48	1 0	2 12	2 38	3 31	0 37	23 30	0 19	8 46	8 2	2 14	2 2	8 53		n.a.
F 7	23 32	16 15	4 38	23 5	0 9	24 38	0 59	0 23	0 26	23 49	1 1	2 12	2 38	3 32	0 37	23 30	0 19	8 46	8 2	2 18	2 4	8 51		n.a.
S 8	23 28	17 59	4 57	23 22	0 17	24 35	1 1	0 38	0 27	23 50	1 1	2 12	2 38	3 32	0 37	23 30	0 19	8 47	8 2	2 22	2 5	8 49		n.a.
S 9	23 24	18 46	5 1	23 38	0 25	24 32	1 2	0 52	0 28	23 51	1 1	2 12	2 38	3 32	0 37	23 30	0 19	8 47	8 2	2 28	2 6	8 48		n.a.
M10	23 18	18 37	4 49	23 53	0 33	24 28	1 4	1 7	0 29	23 53	1 1	2 11	2 39	3 33	0 37	23 30	0 19	8 47	8 3	2 33	2 7	8 46		n.a.
T 11	23 13	17 35	4 25	24 7	0 40	24 23	1 6	1 21	0 30	23 54	1 1	2 11	2 39	3 33	0 37	23 30	0 19	8 47	8 3	2 38	2 9	8 44		n.a.
W12	23 7	15 45	3 48	24 20	0 47	24 18	1 7	1 36	0 30	23 55	1 1	2 11	2 39	3 33	0 37	23 30	0 19	8 48	8 3	2 43	2 10	8 43		n.a.
T 13	23 1	13 15	3 1	24 32	0 54	24 12	1 8	1 50	0 31	23 56	1 1	2 11	2 39	3 33	0 37	23 30	0 19	8 48	8 3	2 46	2 11	8 41		n.a.
F 14	22 54	10 13	2 7	24 42	1 0	24 5	1 10	2 5	0 32	23 57	1 2	2 12	2 40	3 33	0 37	23 30	0 19	8 48	8 3	2 48	2 13	8 40		n.a.
S 15	22 47	6 49	1 8	24 52	1 7	23 57	1 11	2 20	0 33	23 58	1 2	2 12	2 40	3 34	0 37	23 30	0 19	8 49	8 3	2 49	2 14	8 38		n.a.
S 16	22 39	3 9	0 5	25 0	1 13	23 48	1 12	2 34	0 34	23 59	1 2	2 12	2 40	3 34	0 37	23 30	0 19	8 49	8 3	2 50	2 15	8 36		n.a.
M17	22 31	0n40	0s58	25 7	1 18	23 39	1 14	2 49	0 34	24 0	1 2	2 12	2 41	3 34	0 37	23 30	0 19	8 49	8 3	2 50	2 16	8 35		n.a.
T 18	22 22	4 29	1 59	25 12	1 24	23 29	1 15	3 3	0 35	24 1	1 2	2 12	2 41	3 34	0 38	23 30	0 19	8 49	8 4	2 49	2 18	8 33		n.a.
W19	22 13	8 12	2 56	25 16	1 29	23 19	1 16	3 18	0 36	24 2	1 2	2 13	2 41	3 34	0 38	23 30	0 19	8 49	8 4	2 50	2 19	8 31		n.a.
T 20	22 4	11 38	3 46	25 19	1 34	23 7	1 17	3 32	0 37	24 3	1 2	2 13	2 41	3 34	0 38	23 30	0 19	8 50	8 4	2 50	2 20	8 30		n.a.
F 21	21 54	14 38	4 27	25 20	1 38	22 55	1 18	3 47	0 37	24 4	1 2	2 13	2 42	3 34	0 38	23 30	0 19	8 50	8 4	2 52	2 21	8 28		n.a.
S 22	21 44	16 58	4 54	25 20	1 42	22 43	1 19	4 2	0 38	24 5	1 2	2 14	2 42	3 34	0 38	23 30	0 19	8 50	8 4	2 55	2 23	8 26		n.a.
S 23	21 33	18 24	5 5	25 18	1 46	22 29	1 20	4 16	0 39	24 6	1 2	2 14	2 42	3 34	0 38	23 29	0 19	8 50	8 4	2 58	2 24	8 25		n.a.
M24	21 22	18 45	4 58	25 14	1 50	22 15	1 21	4 31	0 39	24 6	1 3	2 15	2 42	3 34	0 38	23 29	0 19	8 50	8 4	3 2	2 25	8 23		n.a.
T 25	21 11	17 51	4 32	25 9	1 53	22 1	1 21	4 45	0 40	24 7	1 3	2 15	2 43	3 34	0 38	23 29	0 19	8 50	8 5	3 5	2 27	8 21		n.a.
W26	20 59	15 44	3 46	25 2	1 56	21 45	1 22	5 0	0 41	24 8	1 3	2 16	2 43	3 34	0 38	23 29	0 19	8 51	8 5	3 9	2 28	8 19		n.a.
T 27	20 47	12 32	2 45	24 53	1 58	21 29	1 23	5 14	0 42	24 9	1 3	2 16	2 43	3 34	0 38	23 29	0 19	8 51	8 5	3 11	2 29	8 18		n.a.
F 28	20 34	8 32	1 32	24 43	2 0	21 12	1 23	5 29	0 42	24 10	1 3	2 17	2 44	3 34	0 38	23 29	0 19	8 51	8 5	3 12	2 30	8 16		n.a.
S 29	20 21	4 2	0 14	24 30	2 1	20 55	1 24	5 43	0 43	24 11	1 3	2 18	2 44	3 34	0 38	23 29	0 19	8 51	8 5	3 13	2 32	8 14		n.a.
S 30	20 8	0s36	1n 4	24 16	2 3	20 37	1 24	5 58	0 43	24 11	1 3	2 18	2 44	3 34	0 38	23 29	0 19	8 51	8 5	3 13	2 33	8 13		n.a.
M31	19s54	5s 6	2n16	24s 0	2s 3	20s19	1s25	6n12	0n44	24n12	1n 3	2n19	2n44	3s33	0n38	23s29	0n19	8s51	8n 6	3n12	2n34	8s11		n.a.

Julian Day Number = 1369687.5, Delta T = 06h51m45s
Ecliptic obliquity = 23°48'27, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°22'15, Lahiri = -17°15'14 Julian Calendar 1 Jan. 963 BCE == Greg. Calendar 23 Dec. 964 BCE

The year -962 astronomical counting style corresponds to year 963 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 963 BCE
geocentric

FEBRUARY 963 BCE (-962) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 6 17	3♒29'34	1♏52	23♉50	7♒41	14♈24	12°R55	0°R27	10°R17	1♉23	15♏ 2	22°R 3	23♍34	5♓29	n.a.	T 1
W 2	8 10 13	4°29'24	15°22	25°37	8°55	14°59	12♋48	0♎25	10♎16	1°25	15° 3	22♍ 3	23°31	5°36	n.a.	W 2
T 3	8 14 10	5°29'12	28°33	27°25	10°10	15°35	12°41	0°24	10°16	1°27	15° 3	22° 0	23°28	5°42	n.a.	T 3
F 4	8 18 6	6°28'58	11♐29	29°15	11°25	16°10	12°34	0°22	10°15	1°29	15° 4	21°56	23°24	5°49	n.a.	F 4
S 5	8 22 3	7°28'43	24°11	1♒ 6	12°39	16°45	12°28	0°20	10°15	1°31	15° 5	21°49	23°21	5°56	n.a.	S 5
S 6	8 26 0	8°28'25	6♉41	2°58	13°54	17°21	12°21	0°18	10°14	1°33	15° 5	21°41	23°18	6° 2	n.a.	S 6
M 7	8 29 56	9°28'06	18°59	4°51	15° 8	17°56	12°15	0°16	10°13	1°35	15° 6	21°33	23°15	6° 9	n.a.	M 7
T 8	8 33 53	10°27'44	1♒ 9	6°46	16°23	18°32	12° 9	0°14	10°12	1°37	15° 6	21°26	23°12	6°16	n.a.	T 8
W 9	8 37 49	11°27'21	13°10	8°41	17°38	19° 8	12° 2	0°12	10°11	1°39	15° 7	21°19	23° 9	6°22	n.a.	W 9
T 10	8 41 46	12°26'55	25° 4	10°38	18°52	19°43	11°56	0°10	10°11	1°41	15° 8	21°14	23° 5	6°29	n.a.	T 10
F 11	8 45 42	13°26'27	6♓53	12°35	20° 7	20°19	11°51	0° 8	10°10	1°42	15° 8	21°11	23° 2	6°36	n.a.	F 11
S 12	8 49 39	14°25'56	18°40	14°34	21°21	20°54	11°45	0° 5	10° 9	1°44	15° 8	21°D10	22°59	6°42	n.a.	S 12
S 13	8 53 35	15°25'24	0♈27	16°33	22°36	21°30	11°39	0° 3	10° 8	1°46	15° 9	21°10	22°56	6°49	n.a.	S 13
M14	8 57 32	16°24'48	12°18	18°34	23°50	22° 6	11°34	0° 0	10° 6	1°48	15° 9	21°11	22°53	6°56	n.a.	M14
T 15	9 1 28	17°24'11	24°17	20°34	25° 4	22°42	11°29	29♍58	10° 5	1°49	15°10	21°13	22°50	7° 2	n.a.	T 15
W16	9 5 25	18°23'31	6♉29	22°36	26°19	23°17	11°23	29°55	10° 4	1°51	15°10	21°15	22°46	7° 9	n.a.	W16
T 17	9 9 22	19°22'49	18°59	24°38	27°33	23°53	11°18	29°52	10° 3	1°53	15°10	21°R15	22°43	7°15	n.a.	T 17
F 18	9 13 18	20°22'04	1♊51	26°39	28°48	24°29	11°14	29°49	10° 2	1°55	15°10	21°15	22°40	7°22	n.a.	F 18
S 19	9 17 15	21°21'17	15° 8	28°41	0♓ 2	25° 5	11° 9	29°46	10° 0	1°56	15°11	21°13	22°37	7°29	n.a.	S 19
S 20	9 21 11	22°20'27	28°54	0♓43	1°16	25°41	11° 5	29°43	9°59	1°58	15°11	21°10	22°34	7°35	n.a.	S 20
M21	9 25 8	23°19'35	13♋ 9	2°43	2°31	26°17	11° 0	29°40	9°57	1°59	15°11	21° 6	22°30	7°42	n.a.	M21
T 22	9 29 4	24°18'41	27°49	4°43	3°45	26°53	10°56	29°37	9°56	2° 1	15°11	21° 2	22°27	7°49	n.a.	T 22
W23	9 33 1	25°17'44	12♌48	6°41	4°59	27°29	10°52	29°34	9°55	2° 2	15°11	20°59	22°24	7°55	n.a.	W23
T 24	9 36 57	26°16'45	27°59	8°38	6°13	28° 5	10°48	29°31	9°53	2° 4	15°11	20°56	22°21	8° 2	n.a.	T 24
F 25	9 40 54	27°15'43	13♍11	10°32	7°27	28°41	10°45	29°27	9°51	2° 6	15°R11	20°55	22°18	8° 9	n.a.	F 25
S 26	9 44 50	28°14'40	28°15	12°24	8°42	29°17	10°41	29°24	9°50	2° 7	15°11	20°D55	22°15	8°15	n.a.	S 26
S 27	9 48 47	29°13'35	13♎ 3	14°13	9°56	29°53	10°38	29°20	9°48	2° 8	15°11	20°56	22°11	8°22	n.a.	S 27
M28	9 52 44	0♓12'27	27♎30	15♓59	11♓10	0♉29	10♋35	29♍17	9♎46	2♉10	15♏11	20♍57	22♍ 8	8♓29	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s40	9s13	3n18	23s42	2s 4	20s 0	1s25	6n27	0n45	24n13	1n 3	2n20	2n45	3s33	0n38	23s29	0n19	8s51	8n 6	3n12	2n36	8s 9		n.a.
W 2	19 26	12 44	4 8	23 22	2 3	19 40	1 25	6 41	0 45	24 14	1 3	2 21	2 45	3 33	0 38	23 29	0 19	8 51	8 6	3 12	2 37	8 8		n.a.
T 3	19 11	15 32	4 43	23 0	2 3	19 20	1 25	6 56	0 46	24 14	1 3	2 21	2 45	3 33	0 38	23 29	0 19	8 51	8 6	3 13	2 38	8 6		n.a.
F 4	18 56	17 30	5 4	22 36	2 2	18 59	1 26	7 10	0 46	24 15	1 3	2 22	2 45	3 32	0 38	23 29	0 19	8 51	8 6	3 15	2 39	8 4		n.a.
S 5	18 41	18 33	5 8	22 10	2 0	18 38	1 26	7 24	0 47	24 16	1 3	2 23	2 46	3 32	0 38	23 29	0 19	8 51	8 6	3 18	2 41	8 3		n.a.
S 6	18 25	18 40	4 58	21 42	1 58	18 17	1 26	7 39	0 48	24 16	1 3	2 24	2 46	3 32	0 38	23 29	0 19	8 51	8 7	3 21	2 42	8 1		n.a.
M 7	18 9	17 55	4 34	21 12	1 55	17 54	1 26	7 53	0 48	24 17	1 3	2 25	2 46	3 31	0 38	23 29	0 19	8 51	8 7	3 24	2 43	7 59		n.a.
T 8	17 53	16 20	3 58	20 40	1 52	17 32	1 26	8 7	0 49	24 18	1 3	2 26	2 46	3 31	0 38	23 29	0 19	8 51	8 7	3 27	2 44	7 58		n.a.
W 9	17 37	14 4	3 12	20 6	1 48	17 8	1 25	8 21	0 49	24 18	1 3	2 27	2 46	3 31	0 38	23 29	0 19	8 51	8 7	3 30	2 46	7 56		n.a.
T 10	17 20	11 13	2 17	19 30	1 43	16 45	1 25	8 36	0 50	24 19	1 3	2 28	2 47	3 30	0 38	23 29	0 19	8 51	8 7	3 32	2 47	7 54		n.a.
F 11	17 3	7 56	1 17	18 52	1 38	16 21	1 25	8 50	0 50	24 19	1 3	2 30	2 47	3 30	0 38	23 29	0 19	8 51	8 7	3 33	2 48	7 52		n.a.
S 12	16 45	4 21	0 14	18 12	1 33	15 56	1 24	9 4	0 51	24 20	1 3	2 31	2 47	3 30	0 38	23 29	0 19	8 51	8 8	3 33	2 50	7 51		n.a.
S 13	16 28	0 36	0s51	17 30	1 27	15 31	1 24	9 18	0 51	24 20	1 3	2 32	2 47	3 29	0 38	23 29	0 19	8 51	8 8	3 33	2 51	7 49		n.a.
M14	16 10	3n12	1 53	16 46	1 20	15 6	1 24	9 32	0 52	24 21	1 3	2 33	2 48	3 29	0 38	23 29	0 19	8 51	8 8	3 33	2 52	7 47		n.a.
T 15	15 51	6 54	2 51	16 0	1 13	14 40	1 23	9 46	0 52	24 21	1 3	2 34	2 48	3 28	0 38	23 29	0 19	8 51	8 8	3 32	2 53	7 46		n.a.
W16	15 33	10 23	3 43	15 13	1 5	14 14	1 22	10 0	0 53	24 22	1 3	2 36	2 48	3 28	0 38	23 29	0 19	8 51	8 8	3 31	2 55	7 44		n.a.
T 17	15 14	13 28	4 26	14 24	0 56	13 47	1 22	10 14	0 53	24 22	1 3	2 37	2 48	3 27	0 38	23 29	0 19	8 51	8 8	3 31	2 56	7 42		n.a.
F 18	14 55	16 1	4 56	13 33	0 47	13 20	1 21	10 28	0 54	24 22	1 3	2 38	2 48	3 27	0 38	23 29	0 19	8 51	8 9	3 31	2 57	7 41		n.a.
S 19	14 36	17 48	5 12	12 42	0 38	12 53	1 20	10 41	0 54	24 23	1 3	2 40	2 49	3 26	0 38	23 29	0 19	8 51	8 9	3 32	2 58	7 39		n.a.
S 20	14 17	18 37	5 11	11 49	0 27	12 25	1 19	10 55	0 55	24 23	1 3	2 41	2 49	3 26	0 38	23 29	0 19	8 51	8 9	3 33	3 0	7 37		n.a.
M21	13 57	18 19	4 51	10 55	0 17	11 57	1 18	11 9	0 55	24 23	1 3	2 43	2 49	3 25	0 38	23 29	0 19	8 51	8 9	3 35	3 1	7 35		n.a.
T 22	13 37	16 48	4 12	10 1	0 6	11 29	1 17	11 23	0 55	24 24	1 3	2 44	2 49	3 24	0 38	23 29	0 19	8 50	8 9	3 36	3 2	7 34		n.a.
W23	13 17	14 7	3 15	9 6	0n 6	11 1	1 16	11 36	0 56	24 24	1 3	2 46	2 49	3 24	0 38	23 29	0 19	8 50	8 9	3 38	3 4	7 32		n.a.
T 24	12 57	10 26	2 3	8 12	0 17	10 32	1 15	11 50	0 56	24 24	1 3	2 47	2 50	3 23	0 38	23 29	0 18	8 50	8 10	3 39	3 5	7 30		n.a.
F 25	12 37	6 3	0 43	7 17	0 29	10 3	1 14	12 3	0 57	24 25	1 3	2 49	2 50	3 22	0 38	23 29	0 18	8 50	8 10	3 39	3 6	7 29		n.a.
S 26	12 16	1 19	0n40	6 23	0 41	9 33	1 13	12 17	0 57	24 25	1 3	2 50	2 50	3 22	0 38	23 29	0 18	8 50	8 10	3 39	3 7	7 27		n.a.
S 27	11 55	3s24	1 59	5 29	0 54	9 4	1 12	12 30	0 58	24 25	1 3	2 52	2 50	3 21	0 38	23 29	0 18	8 50	8 10	3 39	3 9	7 25		n.a.
M28	11s34	7s49	3n 9	4s36	1n 6	8s34	1s10	12n43	0n58	24n25	1n 3	2n53	2n50	3s20	0n39	23s29	0n18	8s50	8n10	3n38	3n10	7s23		n.a.

Julian Day Number = 1369718.5, Delta T = 06h51m44s
Ecliptic obliquity = 23°48'27, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°22'11, Lahiri = -17°15'10 Julian Calendar 1 Feb. 963 BCE == Greg. Calendar 23 Jan. 963 BCE

The year -962 astronomical counting style corresponds to year 963 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 963 BCE
geocentric

MARCH 963 BCE (-962) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 56 40	1♓11'18	11♏32	17♓41	12♓24	1♉ 5	10°R32	29°R13	9°R45	2♑11	15°R11	20♍58	22♍ 5	8♓35	n.a.	T 1
W 2	10 0 37	2°10'07	25° 8	19°19	13°38	1°41	10♋29	29♍ 9	9♎43	2°13	15♏11	20°59	22° 2	8°42	n.a.	W 2
T 3	10 4 33	3° 8'55	8♐21	20°52	14°52	2°18	10°27	29° 6	9°41	2°14	15°11	20°R59	21°59	8°49	n.a.	T 3
F 4	10 8 30	4° 7'40	21°13	22°22	16° 6	2°54	10°24	29° 2	9°39	2°15	15°10	20°58	21°56	8°55	n.a.	F 4
S 5	10 12 26	5° 6'24	3♑46	23°46	17°20	3°30	10°22	28°58	9°37	2°17	15°10	20°57	21°52	9° 2	n.a.	S 5
S 6	10 16 23	6° 5'05	16° 5	25° 6	18°34	4° 6	10°20	28°54	9°35	2°18	15°10	20°55	21°49	9° 9	n.a.	S 6
M 7	10 20 19	7° 3'45	28°12	26°20	19°48	4°42	10°18	28°50	9°33	2°19	15°10	20°53	21°46	9°15	n.a.	M 7
T 8	10 24 16	8° 2'23	10♒11	27°28	21° 2	5°19	10°16	28°46	9°31	2°20	15° 9	20°51	21°43	9°22	n.a.	T 8
W 9	10 28 13	9° 0'59	22° 3	28°31	22°16	5°55	10°15	28°42	9°29	2°21	15° 9	20°49	21°40	9°28	n.a.	W 9
T 10	10 32 9	9°59'33	3♓52	29°29	23°30	6°31	10°14	28°38	9°27	2°23	15° 8	20°48	21°36	9°35	n.a.	T 10
F 11	10 36 6	10°58'05	15°39	0♈21	24°44	7° 8	10°13	28°34	9°25	2°24	15° 8	20°D48	21°33	9°42	n.a.	F 11
S 12	10 40 2	11°56'35	27°27	1° 6	25°58	7°44	10°12	28°29	9°23	2°25	15° 8	20°48	21°30	9°48	n.a.	S 12
S 13	10 43 59	12°55'02	9♈17	1°46	27°12	8°20	10°11	28°25	9°21	2°26	15° 7	20°48	21°27	9°55	n.a.	S 13
M14	10 47 55	13°53'28	21°14	2°20	28°25	8°57	10°10	28°21	9°19	2°27	15° 7	20°49	21°24	10° 2	n.a.	M14
T 15	10 51 52	14°51'51	3♉19	2°47	29°39	9°33	10°10	28°17	9°17	2°28	15° 6	20°49	21°21	10° 8	n.a.	T 15
W16	10 55 48	15°50'13	15°36	3° 9	0♈53	10° 9	10°D10	28°12	9°14	2°29	15° 5	20°50	21°17	10°15	n.a.	W16
T 17	10 59 45	16°48'32	28° 8	3°25	2° 7	10°46	10°10	28° 8	9°12	2°30	15° 5	20°50	21°14	10°22	n.a.	T 17
F 18	11 3 41	17°46'49	10♊59	3°35	3°20	11°22	10°10	28° 4	9°10	2°31	15° 4	20°51	21°11	10°28	n.a.	F 18
S 19	11 7 38	18°45'04	24°11	3°R38	4°34	11°59	10°11	27°59	9° 8	2°31	15° 4	20°R51	21° 8	10°35	n.a.	S 19
S 20	11 11 35	19°43'16	7♋48	3°37	5°48	12°35	10°11	27°55	9° 5	2°32	15° 3	20°51	21° 5	10°42	n.a.	S 20
M21	11 15 31	20°41'27	21°51	3°29	7° 1	13°12	10°12	27°51	9° 3	2°33	15° 2	20°D50	21° 1	10°48	n.a.	M21
T 22	11 19 28	21°39'35	6♌18	3°17	8°15	13°48	10°13	27°46	9° 1	2°34	15° 1	20°50	20°58	10°55	n.a.	T 22
W23	11 23 24	22°37'41	21° 6	3° 0	9°29	14°25	10°14	27°42	8°58	2°35	15° 1	20°51	20°55	11° 2	n.a.	W23
T 24	11 27 21	23°35'45	6♍10	2°38	10°42	15° 1	10°15	27°37	8°56	2°35	15° 0	20°51	20°52	11° 8	n.a.	T 24
F 25	11 31 17	24°33'47	21°20	2°12	11°56	15°38	10°17	27°33	8°53	2°36	14°59	20°R51	20°49	11°15	n.a.	F 25
S 26	11 35 14	25°31'48	6♎29	1°43	13° 9	16°14	10°19	27°28	8°51	2°37	14°58	20°51	20°46	11°21	n.a.	S 26
S 27	11 39 10	26°29'46	21°26	1°10	14°23	16°51	10°21	27°24	8°49	2°37	14°57	20°50	20°42	11°28	n.a.	S 27
M28	11 43 7	27°27'44	6♏ 5	0°35	15°36	17°27	10°23	27°19	8°46	2°38	14°56	20°50	20°39	11°35	n.a.	M28
T 29	11 47 3	28°25'39	20°18	29♓59	16°49	18° 4	10°25	27°15	8°44	2°38	14°55	20°49	20°36	11°41	n.a.	T 29
W30	11 51 0	29°23'33	4♐ 5	29°22	18° 3	18°41	10°27	27°10	8°41	2°39	14°54	20°48	20°33	11°48	n.a.	W30
T 31	11 54 57	0♈21'26	17♐25	28♓44	19♈16	19♉17	10♋30	27♍ 6	8♎39	2♑39	14♏53	20♍47	20♍30	11♓55	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s13	11s39	4n 5	3s45	1n18	8s 4	1s 9	12n56	0n58	24n25	1n 3	2n55	2n50	3s20	0n39	23s29	0n18	8s49	8n10	3n38	3n11	7s22			n.a.
W 2	10 52	14 44	4 45	2 55	1 30	7 34	1 7	13 9	0 59	24 26	1 3	2 56	2 51	3 19	0 39	23 29	0 18	8 49	8 11	3 38	3 12	7 20			n.a.
T 3	10 30	16 57	5 9	2 7	1 41	7 3	1 6	13 23	0 59	24 26	1 3	2 58	2 51	3 18	0 39	23 29	0 18	8 49	8 11	3 38	3 14	7 18			n.a.
F 4	10 9	18 15	5 16	1 21	1 53	6 33	1 4	13 36	0 59	24 26	1 3	3 0	2 51	3 17	0 39	23 29	0 18	8 49	8 11	3 38	3 15	7 16			n.a.
S 5	9 47	18 37	5 9	0 37	2 4	6 2	1 3	13 48	1 0	24 26	1 2	3 1	2 51	3 17	0 39	23 29	0 18	8 49	8 11	3 38	3 16	7 15			n.a.
S 6	9 25	18 5	4 47	0n 4	2 14	5 31	1 1	14 1	1 0	24 26	1 2	3 3	2 51	3 16	0 39	23 29	0 18	8 48	8 11	3 39	3 18	7 13			n.a.
M 7	9 3	16 43	4 12	0 43	2 24	5 0	0 59	14 14	1 0	24 26	1 2	3 5	2 51	3 15	0 39	23 29	0 18	8 48	8 11	3 40	3 19	7 11			n.a.
T 8	8 41	14 39	3 27	1 19	2 33	4 29	0 58	14 27	1 1	24 26	1 2	3 7	2 51	3 14	0 39	23 29	0 18	8 48	8 11	3 41	3 20	7 10			n.a.
W 9	8 19	11 58	2 33	1 52	2 41	3 58	0 56	14 39	1 1	24 26	1 2	3 8	2 51	3 14	0 39	23 29	0 18	8 48	8 12	3 42	3 21	7 8			n.a.
T 10	7 56	8 48	1 33	2 22	2 49	3 26	0 54	14 52	1 1	24 26	1 2	3 10	2 52	3 13	0 39	23 29	0 18	8 47	8 12	3 42	3 23	7 6			n.a.
F 11	7 34	5 18	0 29	2 49	2 56	2 55	0 52	15 4	1 2	24 26	1 2	3 12	2 52	3 12	0 39	23 29	0 18	8 47	8 12	3 42	3 24	7 4			n.a.
S 12	7 11	1 36	0s37	3 13	3 2	2 24	0 50	15 17	1 2	24 26	1 2	3 14	2 52	3 11	0 39	23 29	0 18	8 47	8 12	3 42	3 25	7 3			n.a.
S 13	6 49	2n12	1 41	3 33	3 6	1 52	0 48	15 29	1 2	24 26	1 2	3 15	2 52	3 10	0 39	23 29	0 18	8 46	8 12	3 42	3 26	7 1			n.a.
M14	6 26	5 55	2 41	3 50	3 10	1 20	0 46	15 41	1 3	24 26	1 2	3 17	2 52	3 9	0 39	23 29	0 18	8 46	8 12	3 42	3 28	6 59			n.a.
T 15	6 3	9 27	3 35	4 4	3 13	0 49	0 44	15 53	1 3	24 26	1 2	3 19	2 52	3 8	0 39	23 29	0 18	8 46	8 13	3 41	3 29	6 57			n.a.
W16	5 40	12 37	4 20	4 14	3 14	0 17	0 42	16 5	1 3	24 26	1 2	3 21	2 52	3 7	0 39	23 29	0 18	8 46	8 13	3 41	3 30	6 56			n.a.
T 17	5 17	15 17	4 54	4 20	3 14	0n15	0 40	16 17	1 4	24 26	1 2	3 23	2 52	3 7	0 39	23 29	0 18	8 45	8 13	3 41	3 32	6 54			n.a.
F 18	4 54	17 16	5 13	4 23	3 13	0 47	0 38	16 29	1 4	24 26	1 2	3 24	2 52	3 6	0 39	23 29	0 18	8 45	8 13	3 41	3 33	6 52			n.a.
S 19	4 31	18 23	5 18	4 23	3 11	1 18	0 35	16 41	1 4	24 26	1 1	3 26	2 52	3 5	0 39	23 29	0 18	8 45	8 13	3 41	3 34	6 50			n.a.
S 20	4 8	18 31	5 4	4 19	3 7	1 50	0 33	16 52	1 4	24 26	1 1	3 28	2 52	3 4	0 39	23 29	0 18	8 44	8 13	3 41	3 35	6 49			n.a.
M21	3 45	17 31	4 33	4 11	3 2	2 22	0 31	17 4	1 5	24 26	1 1	3 30	2 52	3 3	0 39	23 29	0 18	8 44	8 13	3 41	3 37	6 47			n.a.
T 22	3 21	15 23	3 43	4 0	2 56	2 53	0 28	17 15	1 5	24 25	1 1	3 32	2 52	3 2	0 39	23 29	0 18	8 44	8 13	3 41	3 38	6 45			n.a.
W23	2 58	12 11	2 38	3 46	2 48	3 25	0 26	17 27	1 5	24 25	1 1	3 34	2 52	3 1	0 39	23 29	0 18	8 43	8 14	3 41	3 39	6 43			n.a.
T 24	2 35	8 8	1 21	3 29	2 39	3 56	0 24	17 38	1 6	24 25	1 1	3 35	2 52	3 0	0 39	23 29	0 18	8 43	8 14	3 41	3 40	6 42			n.a.
F 25	2 12	3 32	0n 3	3 9	2 28	4 28	0 21	17 49	1 6	24 25	1 1	3 37	2 53	2 59	0 39	23 29	0 18	8 43	8 14	3 41	3 42	6 40			n.a.
S 26	1 48	1s18	1 26	2 46	2 17	4 59	0 19	18 0	1 6	24 25	1 1	3 39	2 53	2 58	0 39	23 28	0 18	8 42	8 14	3 41	3 43	6 38			n.a.
S 27	1 25	5 59	2 42	2 22	2 4	5 30	0 16	18 11	1 6	24 24	1 1	3 41	2 53	2 57	0 39	23 28	0 18	8 42	8 14	3 41	3 44	6 36			n.a.
M28	1 1	10 12	3 46	1 55	1 50	6 1	0 14	18 22	1 6	24 24	1 1	3 43	2 53	2 56	0 39	23 28	0 18	8 42	8 14	3 41	3 46	6 35			n.a.
T 29	0 38	13 42	4 34	1 27	1 36	6 32	0 11	18 33	1 7	24 24	1 1	3 45	2 53	2 55	0 39	23 28	0 18	8 41	8 14	3 42	3 47	6 33			n.a.
W30	0 15	16 18	5 4	0 58	1 20	7 3	0 9	18 43	1 7	24 24	1 1	3 46	2 53	2 54	0 39	23 28	0 18	8 41	8 14	3 42	3 48	6 31			n.a.
T 31	0n 9	17s56	5n17	0n28	1n 4	7n34	0s 6	18n54	1n 7	24n23	1n 0	3n48	2n53	2s53	0n39	23s28	0n18	8s40	8n14	3n42	3n49	6s29			n.a.

Julian Day Number = 1369746.5, Delta T = 06h51m43s
Ecliptic obliquity = 23°48'28, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°22'07, Lahiri = -17°15'06 Julian Calendar 1 March 963 BCE == Greg. Calendar 20 Feb. 963 BCE

The year -962 astronomical counting style corresponds to year 963 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 963 BCE
geocentric

APRIL 963 BCE (-962) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 58 53	1♈19'17	0♉20	28°R 6	20♈29	19♉54	10♋32	27°R 1	8°R36	2♉40	14°R52	20°D47	20♍27	12♓ 1	n.a.	F 1
S 2	12 2 50	2°17'07	12°53	27♓30	21°43	20°30	10°35	26♍57	8♎34	2°40	14♏51	20♍47	20°23	12° 8	n.a.	S 2
S 3	12 6 46	3°14'56	25° 9	26°54	22°56	21° 7	10°38	26°52	8°31	2°41	14°50	20°48	20°20	12°15	n.a.	S 3
M 4	12 10 43	4°12'43	7♒11	26°22	24° 9	21°44	10°42	26°48	8°29	2°41	14°49	20°49	20°17	12°21	n.a.	M 4
T 5	12 14 39	5°10'29	19° 4	25°51	25°22	22°20	10°45	26°44	8°26	2°41	14°48	20°50	20°14	12°28	n.a.	T 5
W 6	12 18 36	6° 8'14	0♓52	25°24	26°36	22°57	10°49	26°39	8°24	2°42	14°47	20°52	20°11	12°35	n.a.	W 6
T 7	12 22 32	7° 5'57	12°38	25° 1	27°49	23°34	10°53	26°35	8°21	2°42	14°46	20°52	20° 7	12°41	n.a.	T 7
F 8	12 26 29	8° 3'39	24°26	24°41	29° 2	24°11	10°56	26°30	8°19	2°42	14°45	20°R53	20° 4	12°48	n.a.	F 8
S 9	12 30 26	9° 1'19	6♈19	24°25	0♉15	24°47	11° 1	26°26	8°16	2°42	14°44	20°52	20° 1	12°54	n.a.	S 9
S 10	12 34 22	9°58'58	18°17	24°14	1°28	25°24	11° 5	26°22	8°14	2°42	14°42	20°50	19°58	13° 1	n.a.	S 10
M11	12 38 19	10°56'36	0♉24	24° 6	2°41	26° 1	11° 9	26°18	8°11	2°43	14°41	20°48	19°55	13° 8	n.a.	M11
T 12	12 42 15	11°54'12	12°41	24°D 4	3°54	26°38	11°14	26°13	8° 9	2°43	14°40	20°45	19°52	13°14	n.a.	T 12
W13	12 46 12	12°51'46	25°10	24° 6	5° 7	27°14	11°19	26° 9	8° 6	2°43	14°39	20°41	19°48	13°21	n.a.	W13
T 14	12 50 8	13°49'19	7♊52	24°13	6°20	27°51	11°23	26° 5	8° 4	2°R43	14°37	20°38	19°45	13°28	n.a.	T 14
F 15	12 54 5	14°46'51	20°49	24°24	7°33	28°28	11°29	26° 1	8° 1	2°43	14°36	20°35	19°42	13°34	n.a.	F 15
S 16	12 58 1	15°44'21	4♋ 4	24°39	8°46	29° 5	11°34	25°57	7°59	2°43	14°35	20°34	19°39	13°41	n.a.	S 16
S 17	13 1 58	16°41'50	17°37	24°59	9°59	29°42	11°39	25°53	7°56	2°43	14°33	20°D33	19°36	13°48	n.a.	S 17
M18	13 5 55	17°39'17	1♌29	25°24	11°12	0♊18	11°45	25°49	7°54	2°43	14°32	20°34	19°32	13°54	n.a.	M18
T 19	13 9 51	18°36'42	15°41	25°52	12°25	0°55	11°50	25°45	7°51	2°42	14°31	20°35	19°29	14° 1	n.a.	T 19
W20	13 13 48	19°34'06	0♍12	26°25	13°37	1°32	11°56	25°41	7°49	2°42	14°29	20°37	19°26	14° 8	n.a.	W20
T 21	13 17 44	20°31'29	14°57	27° 2	14°50	2° 9	12° 2	25°37	7°46	2°42	14°28	20°R38	19°23	14°14	n.a.	T 21
F 22	13 21 41	21°28'50	29°51	27°43	16° 3	2°46	12° 8	25°33	7°44	2°42	14°27	20°37	19°20	14°21	n.a.	F 22
S 23	13 25 37	22°26'11	14♎48	28°27	17°15	3°23	12°14	25°29	7°41	2°42	14°25	20°36	19°17	14°28	n.a.	S 23
S 24	13 29 34	23°23'30	29°39	29°15	18°28	4° 0	12°21	25°26	7°39	2°41	14°24	20°33	19°13	14°34	n.a.	S 24
M25	13 33 30	24°20'48	14♏16	0♈ 7	19°41	4°37	12°27	25°22	7°37	2°41	14°22	20°28	19°10	14°41	n.a.	M25
T 26	13 37 27	25°18'05	28°33	1° 2	20°53	5°13	12°34	25°18	7°34	2°41	14°21	20°23	19° 7	14°47	n.a.	T 26
W27	13 41 23	26°15'22	12♐25	2° 1	22° 6	5°50	12°41	25°15	7°32	2°40	14°19	20°18	19° 4	14°54	n.a.	W27
T 28	13 45 20	27°12'38	25°50	3° 3	23°18	6°27	12°48	25°11	7°30	2°40	14°18	20°14	19° 1	15° 1	n.a.	T 28
F 29	13 49 17	28° 9'53	8♑49	4° 9	24°31	7° 4	12°55	25° 8	7°27	2°39	14°16	20°10	18°58	15° 7	n.a.	F 29
S 30	13 53 13	29♈ 7'08	21♑25	5♈17	25♉43	7♊41	13♋ 2	25♍ 5	7♎25	2♑39	14♏15	20♍ 9	18♍54	15♓14	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n32	18s35	5n13	0s 2	0n48	8n 4	0s 4	19n 4	1n 7	24n23	1n 0	3n50	2n53	2s52	0n39	23s28	0n18	8s40	8n14	3n42	3n51	6s28		n.a.
S 2	0 55	18 17	4 54	0 32	0 31	8 34	0 1	19 14	1 8	24 23	1 0	3 52	2 53	2 51	0 39	23 28	0 18	8 40	8 15	3 42	3 52	6 26		n.a.
S 3	1 19	17 8	4 22	1 2	0 14	9 4	0n 1	19 24	1 8	24 22	1 0	3 53	2 52	2 50	0 39	23 28	0 18	8 39	8 15	3 42	3 53	6 24		n.a.
M 4	1 42	15 13	3 39	1 31	0s 3	9 34	0 4	19 34	1 8	24 22	1 0	3 55	2 52	2 49	0 39	23 28	0 18	8 39	8 15	3 42	3 54	6 22		n.a.
T 5	2 5	12 41	2 47	1 58	0 19	10 4	0 7	19 44	1 8	24 22	1 0	3 57	2 52	2 48	0 39	23 28	0 18	8 39	8 15	3 41	3 56	6 21		n.a.
W 6	2 28	9 39	1 49	2 24	0 36	10 33	0 9	19 54	1 8	24 21	1 0	3 59	2 52	2 47	0 39	23 28	0 18	8 38	8 15	3 41	3 57	6 19		n.a.
T 7	2 52	6 13	0 46	2 48	0 52	11 2	0 12	20 3	1 9	24 21	1 0	4 0	2 52	2 46	0 39	23 28	0 18	8 38	8 15	3 40	3 58	6 17		n.a.
F 8	3 15	2 33	0s20	3 10	1 7	11 31	0 15	20 13	1 9	24 21	1 0	4 2	2 52	2 45	0 39	23 28	0 18	8 37	8 15	3 40	3 59	6 15		n.a.
S 9	3 38	1n15	1 24	3 30	1 22	12 0	0 17	20 22	1 9	24 20	1 0	4 4	2 52	2 44	0 39	23 28	0 18	8 37	8 15	3 40	4 1	6 14		n.a.
S 10	4 1	5 2	2 26	3 47	1 35	12 28	0 20	20 31	1 9	24 20	1 0	4 6	2 52	2 43	0 39	23 28	0 18	8 37	8 15	3 41	4 2	6 12		n.a.
M11	4 24	8 39	3 21	4 2	1 49	12 56	0 22	20 41	1 9	24 19	1 0	4 7	2 52	2 42	0 39	23 28	0 18	8 36	8 15	3 42	4 3	6 10		n.a.
T 12	4 47	11 57	4 8	4 14	2 1	13 24	0 25	20 50	1 9	24 19	0 59	4 9	2 52	2 41	0 39	23 28	0 18	8 36	8 15	3 43	4 5	6 8		n.a.
W13	5 9	14 45	4 44	4 24	2 12	13 52	0 28	20 58	1 10	24 18	0 59	4 10	2 52	2 40	0 39	23 28	0 18	8 35	8 15	3 45	4 6	6 6		n.a.
T 14	5 32	16 54	5 7	4 31	2 23	14 19	0 30	21 7	1 10	24 18	0 59	4 12	2 52	2 39	0 39	23 28	0 18	8 35	8 15	3 46	4 7	6 5		n.a.
F 15	5 55	18 15	5 15	4 35	2 32	14 46	0 33	21 16	1 10	24 17	0 59	4 14	2 52	2 38	0 39	23 28	0 18	8 35	8 15	3 47	4 8	6 3		n.a.
S 16	6 17	18 39	5 6	4 36	2 41	15 12	0 35	21 24	1 10	24 17	0 59	4 15	2 52	2 37	0 39	23 28	0 18	8 34	8 15	3 48	4 10	6 1		n.a.
S 17	6 40	18 0	4 41	4 35	2 48	15 38	0 38	21 32	1 10	24 16	0 59	4 17	2 52	2 36	0 39	23 28	0 18	8 34	8 15	3 48	4 11	5 59		n.a.
M18	7 2	16 16	3 58	4 31	2 55	16 4	0 41	21 40	1 10	24 15	0 59	4 18	2 51	2 35	0 39	23 28	0 18	8 33	8 16	3 48	4 12	5 58		n.a.
T 19	7 24	13 31	3 0	4 25	3 1	16 29	0 43	21 48	1 11	24 15	0 59	4 20	2 51	2 34	0 39	23 28	0 18	8 33	8 16	3 47	4 13	5 56		n.a.
W20	7 46	9 52	1 50	4 16	3 5	16 54	0 46	21 56	1 11	24 14	0 59	4 21	2 51	2 33	0 39	23 28	0 18	8 32	8 16	3 47	4 15	5 54		n.a.
T 21	8 8	5 32	0 31	4 5	3 9	17 18	0 48	22 4	1 11	24 14	0 59	4 23	2 51	2 32	0 39	23 28	0 18	8 32	8 16	3 46	4 16	5 52		n.a.
F 22	8 30	0 50	0n50	3 51	3 12	17 42	0 51	22 12	1 11	24 13	0 59	4 24	2 51	2 31	0 39	23 28	0 18	8 32	8 16	3 46	4 17	5 50		n.a.
S 23	8 52	3s57	2 9	3 36	3 15	18 6	0 53	22 19	1 11	24 12	0 59	4 25	2 51	2 30	0 39	23 28	0 18	8 31	8 16	3 47	4 18	5 49		n.a.
S 24	9 13	8 27	3 18	3 17	3 16	18 29	0 56	22 26	1 11	24 12	0 58	4 27	2 51	2 29	0 39	23 28	0 18	8 31	8 16	3 48	4 20	5 47		n.a.
M25	9 35	12 21	4 12	2 57	3 17	18 51	0 58	22 33	1 11	24 11	0 58	4 28	2 50	2 29	0 39	23 28	0 18	8 30	8 16	3 50	4 21	5 45		n.a.
T 26	9 56	15 26	4 50	2 34	3 16	19 13	1 0	22 40	1 11	24 10	0 58	4 29	2 50	2 28	0 39	23 28	0 18	8 30	8 16	3 52	4 22	5 43		n.a.
W27	10 17	17 32	5 9	2 10	3 15	19 35	1 3	22 47	1 12	24 10	0 58	4 31	2 50	2 27	0 39	23 28	0 18	8 30	8 16	3 54	4 24	5 41		n.a.
T 28	10 38	18 34	5 10	1 43	3 14	19 56	1 5	22 54	1 12	24 9	0 58	4 32	2 50	2 26	0 38	23 29	0 18	8 29	8 16	3 56	4 25	5 40		n.a.
F 29	10 59	18 36	4 56	1 15	3 11	20 17	1 7	23 0	1 12	24 8	0 58	4 33	2 50	2 25	0 38	23 29	0 18	8 29	8 16	3 57	4 26	5 38		n.a.
S 30	11n20	17s41	4n27	0s44	3s 8	20n37	1n10	23n 7	1n12	24n 7	0n58	4n34	2n50	2s24	0n38	23s29	0n18	8s28	8n16	3n58	4n27	5s36		n.a.

Julian Day Number = 1369777.5, Delta T = 06h51m41s
Ecliptic obliquity = 23°48'28, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°22'02, Lahiri = -17°15'02 Julian Calendar 1 Apr. 963 BCE == Greg. Calendar 23 March 963 BCE

The year -962 astronomical counting style corresponds to year 963 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 963 BCE
geocentric

MAY 963 BCE (-962) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 57 10	0♉ 4'22	3♒41	6♈29	26♉55	8♊18	13♋ 9	25°R 1	7°R23	2°R38	14°R13	20°D 8	18♍51	15♓21	n.a.	S 1
M 2	14 1 6	1° 1'35	15°43	7°44	28° 8	8°55	13°16	24♍58	7♎20	2♑38	14♏12	20♍ 9	18°48	15°27	n.a.	M 2
T 3	14 5 3	1°58'48	27°35	9° 2	29°20	9°32	13°24	24°55	7°18	2°37	14°10	20°11	18°45	15°34	n.a.	T 3
W 4	14 8 59	2°56'01	9♓22	10°22	0♊32	10° 9	13°32	24°52	7°16	2°37	14° 9	20°12	18°42	15°41	n.a.	W 4
T 5	14 12 56	3°53'13	21° 9	11°46	1°45	10°46	13°40	24°49	7°14	2°36	14° 7	20°R13	18°38	15°47	n.a.	T 5
F 6	14 16 53	4°50'25	3♈ 1	13°13	2°57	11°23	13°47	24°46	7°12	2°35	14° 6	20°12	18°35	15°54	n.a.	F 6
S 7	14 20 49	5°47'36	15° 0	14°42	4° 9	12° 0	13°55	24°43	7°10	2°35	14° 4	20° 9	18°32	16° 1	n.a.	S 7
S 8	14 24 46	6°44'46	27° 9	16°15	5°21	12°38	14° 4	24°41	7° 8	2°34	14° 3	20° 4	18°29	16° 7	n.a.	S 8
M 9	14 28 42	7°41'56	9♉29	17°50	6°33	13°15	14°12	24°38	7° 5	2°33	14° 1	19°57	18°26	16°14	n.a.	M 9
T 10	14 32 39	8°39'06	22° 3	19°28	7°46	13°52	14°20	24°35	7° 3	2°32	13°59	19°49	18°23	16°20	n.a.	T 10
W11	14 36 35	9°36'15	4♊50	21° 9	8°58	14°29	14°29	24°33	7° 1	2°32	13°58	19°40	18°19	16°27	n.a.	W11
T 12	14 40 32	10°33'24	17°50	22°53	10°10	15° 6	14°37	24°30	6°59	2°31	13°56	19°32	18°16	16°34	n.a.	T 12
F 13	14 44 28	11°30'32	1♋ 3	24°40	11°22	15°43	14°46	24°28	6°58	2°30	13°55	19°25	18°13	16°40	n.a.	F 13
S 14	14 48 25	12°27'39	14°28	26°29	12°34	16°20	14°55	24°26	6°56	2°29	13°53	19°20	18°10	16°47	n.a.	S 14
S 15	14 52 22	13°24'46	28° 6	28°20	13°45	16°58	15° 4	24°23	6°54	2°28	13°52	19°17	18° 7	16°54	n.a.	S 15
M16	14 56 18	14°21'52	11♌57	0♉15	14°57	17°35	15°13	24°21	6°52	2°27	13°50	19°D16	18° 3	17° 0	n.a.	M16
T 17	15 0 15	15°18'58	26° 0	2°11	16° 9	18°12	15°22	24°19	6°50	2°26	13°48	19°16	18° 0	17° 7	n.a.	T 17
W18	15 4 11	16°16'03	10♍14	4°10	17°21	18°49	15°31	24°17	6°48	2°25	13°47	19°17	17°57	17°14	n.a.	W18
T 19	15 8 8	17°13'07	24°39	6°12	18°33	19°26	15°41	24°16	6°47	2°24	13°45	19°R17	17°54	17°20	n.a.	T 19
F 20	15 12 4	18°10'11	9♎11	8°15	19°44	20° 4	15°50	24°14	6°45	2°23	13°44	19°15	17°51	17°27	n.a.	F 20
S 21	15 16 1	19° 7'15	23°45	10°20	20°56	20°41	16° 0	24°12	6°43	2°22	13°42	19°11	17°48	17°34	n.a.	S 21
S 22	15 19 57	20° 4'18	8♏17	12°26	22° 7	21°18	16° 9	24°11	6°42	2°21	13°41	19° 5	17°44	17°40	n.a.	S 22
M23	15 23 54	21° 1'21	22°39	14°34	23°19	21°55	16°19	24° 9	6°40	2°20	13°39	18°57	17°41	17°47	n.a.	M23
T 24	15 27 51	21°58'25	6♐46	16°43	24°30	22°33	16°29	24° 8	6°39	2°19	13°37	18°47	17°38	17°54	n.a.	T 24
W25	15 31 47	22°55'28	20°32	18°53	25°42	23°10	16°39	24° 6	6°37	2°18	13°36	18°37	17°35	18° 0	n.a.	W25
T 26	15 35 44	23°52'31	3♑55	21° 3	26°53	23°47	16°49	24° 5	6°36	2°17	13°34	18°28	17°32	18° 7	n.a.	T 26
F 27	15 39 40	24°49'35	16°54	23°13	28° 5	24°25	16°59	24° 4	6°34	2°15	13°33	18°21	17°29	18°13	n.a.	F 27
S 28	15 43 37	25°46'39	29°30	25°23	29°16	25° 2	17° 9	24° 3	6°33	2°14	13°31	18°15	17°25	18°20	n.a.	S 28
S 29	15 47 33	26°43'44	11♒48	27°33	0♋27	25°40	17°20	24° 2	6°32	2°13	13°30	18°12	17°22	18°27	n.a.	S 29
M30	15 51 30	27°40'49	23°50	29°43	1°38	26°17	17°30	24° 1	6°30	2°12	13°28	18°D11	17°19	18°33	n.a.	M30
T 31	15 55 26	28♉37'54	5♓43	1♊51	2♋49	26♊54	17♋40	24♍ 1	6♎29	2♑10	13♏27	18♍11	17♍16	18♓40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	11n40	15s57	3n46	0s12	3s 4	20n56	1n12	23n13	1n12	24n 6	0n58	4n36	2n50	2s23	0n38	23s29	0n18	8s28	8n15	3n58	4n29	5s34			n.a.
M 2	12 1	13 34	2 57	0n22	2 59	21 15	1 14	23 19	1 12	24 6	0 58	4 37	2 49	2 22	0 38	23 29	0 18	8 28	8 15	3 58	4 30	5 32			n.a.
T 3	12 21	10 37	2 0	0 58	2 54	21 34	1 16	23 25	1 12	24 5	0 58	4 38	2 49	2 21	0 38	23 29	0 18	8 27	8 15	3 57	4 31	5 31			n.a.
W 4	12 41	7 16	0 59	1 35	2 49	21 51	1 18	23 30	1 12	24 4	0 58	4 39	2 49	2 20	0 38	23 29	0 18	8 27	8 15	3 56	4 32	5 29			n.a.
T 5	13 0	3 38	0s 5	2 14	2 42	22 8	1 20	23 36	1 12	24 3	0 58	4 40	2 49	2 20	0 38	23 29	0 18	8 26	8 15	3 56	4 34	5 27			n.a.
F 6	13 20	0n10	1 9	2 55	2 35	22 25	1 22	23 41	1 12	24 2	0 58	4 41	2 49	2 19	0 38	23 29	0 18	8 26	8 15	3 57	4 35	5 25			n.a.
S 7	13 39	4 0	2 10	3 37	2 28	22 41	1 24	23 46	1 13	24 1	0 58	4 42	2 48	2 18	0 38	23 29	0 18	8 26	8 15	3 58	4 36	5 23			n.a.
S 8	13 59	7 43	3 6	4 20	2 20	22 56	1 26	23 52	1 13	24 0	0 57	4 43	2 48	2 17	0 38	23 29	0 18	8 25	8 15	4 0	4 37	5 22			n.a.
M 9	14 17	11 10	3 54	5 5	2 11	23 11	1 28	23 56	1 13	23 59	0 57	4 44	2 48	2 16	0 38	23 29	0 18	8 25	8 15	4 2	4 39	5 20			n.a.
T 10	14 36	14 11	4 32	5 51	2 2	23 25	1 30	24 1	1 13	23 58	0 57	4 45	2 48	2 16	0 38	23 29	0 18	8 24	8 15	4 6	4 40	5 18			n.a.
W11	14 55	16 34	4 57	6 38	1 53	23 39	1 32	24 6	1 13	23 57	0 57	4 45	2 48	2 15	0 38	23 29	0 18	8 24	8 15	4 9	4 41	5 16			n.a.
T 12	15 13	18 9	5 7	7 26	1 43	23 51	1 34	24 10	1 13	23 56	0 57	4 46	2 47	2 14	0 38	23 29	0 18	8 24	8 15	4 12	4 42	5 14			n.a.
F 13	15 31	18 47	5 1	8 15	1 33	24 4	1 35	24 14	1 13	23 55	0 57	4 47	2 47	2 13	0 38	23 29	0 18	8 23	8 15	4 15	4 44	5 13			n.a.
S 14	15 49	18 24	4 38	9 5	1 23	24 15	1 37	24 18	1 13	23 54	0 57	4 48	2 47	2 13	0 38	23 29	0 18	8 23	8 15	4 17	4 45	5 11			n.a.
S 15	16 6	16 57	4 0	9 56	1 12	24 26	1 38	24 22	1 13	23 53	0 57	4 48	2 47	2 12	0 38	23 29	0 18	8 22	8 15	4 18	4 46	5 9			n.a.
M16	16 24	14 29	3 7	10 47	1 1	24 36	1 40	24 26	1 13	23 52	0 57	4 49	2 46	2 11	0 38	23 29	0 18	8 22	8 14	4 19	4 47	5 7			n.a.
T 17	16 41	11 8	2 2	11 38	0 50	24 45	1 41	24 29	1 13	23 51	0 57	4 50	2 46	2 10	0 38	23 29	0 18	8 22	8 14	4 19	4 49	5 5			n.a.
W18	16 58	7 6	0 48	12 30	0 39	24 54	1 42	24 33	1 13	23 50	0 57	4 50	2 46	2 10	0 38	23 29	0 18	8 21	8 14	4 18	4 50	5 4			n.a.
T 19	17 14	2 36	0n29	13 21	0 28	25 2	1 44	24 36	1 13	23 49	0 57	4 51	2 46	2 9	0 38	23 29	0 18	8 21	8 14	4 18	4 51	5 2			n.a.
F 20	17 30	2s 6	1 45	14 13	0 16	25 9	1 45	24 39	1 13	23 47	0 57	4 51	2 46	2 8	0 38	23 29	0 18	8 21	8 14	4 19	4 53	5 0			n.a.
S 21	17 46	6 40	2 54	15 4	0 5	25 15	1 46	24 42	1 13	23 46	0 57	4 52	2 45	2 8	0 38	23 29	0 18	8 20	8 14	4 21	4 54	4 58			n.a.
S 22	18 2	10 50	3 51	15 54	0n 6	25 21	1 47	24 44	1 13	23 45	0 57	4 52	2 45	2 7	0 38	23 29	0 18	8 20	8 14	4 23	4 55	4 56			n.a.
M23	18 17	14 19	4 33	16 43	0 16	25 26	1 48	24 47	1 13	23 44	0 57	4 52	2 45	2 7	0 38	23 29	0 18	8 20	8 14	4 26	4 56	4 55			n.a.
T 24	18 32	16 53	4 57	17 31	0 27	25 30	1 49	24 49	1 13	23 43	0 57	4 53	2 45	2 6	0 38	23 29	0 18	8 19	8 13	4 30	4 58	4 53			n.a.
W25	18 47	18 25	5 4	18 17	0 37	25 34	1 50	24 51	1 13	23 41	0 57	4 53	2 44	2 5	0 38	23 29	0 18	8 19	8 13	4 34	4 59	4 51			n.a.
T 26	19 2	18 52	4 53	19 2	0 46	25 37	1 51	24 53	1 13	23 40	0 57	4 53	2 44	2 5	0 38	23 29	0 18	8 19	8 13	4 38	5 0	4 49			n.a.
F 27	19 16	18 18	4 28	19 45	0 55	25 39	1 51	24 55	1 13	23 39	0 56	4 54	2 44	2 4	0 38	23 29	0 18	8 18	8 13	4 41	5 1	4 47			n.a.
S 28	19 30	16 50	3 49	20 26	1 4	25 40	1 52	24 56	1 13	23 37	0 56	4 54	2 44	2 4	0 38	23 29	0 18	8 18	8 13	4 43	5 3	4 45			n.a.
S 29	19 43	14 37	3 1	21 5	1 12	25 41	1 52	24 57	1 13	23 36	0 56	4 54	2 43	2 3	0 38	23 29	0 18	8 18	8 13	4 44	5 4	4 44			n.a.
M30	19 57	11 48	2 6	21 41	1 19	25 41	1 53	24 59	1 13	23 34	0 56	4 54	2 43	2 3	0 38	23 29	0 18	8 18	8 13	4 44	5 5	4 42			n.a.
T 31	20n10	8s32	1n 6	22n15	1n26	25n40	1n53	25n 0	1n13	23n33	0n56	4n54	2n43	2s 2	0n38	23s29	0n18	8s17	8n12	4n44	5n 6	4s40			n.a.

Julian Day Number = 1369807.5, Delta T = 06h51m40s
Ecliptic obliquity = 23°48'28, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°21'58, Lahiri = -17°14'58 Julian Calendar 1 May 963 BCE == Greg. Calendar 22 Apr. 963 BCE

The year -962 astronomical counting style corresponds to year 963 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 963 BCE
geocentric

JUNE 963 BCE (-962) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 59 23	29♉35'00	17♓31	3♊59	4♋ 0	27♊32	17♋51	24°R 0	6°R28	2°R 9	13°R25	18°R12	17♍13	18♓47	n.a.	W 1
T 2	16 3 20	0♊32'06	29°20	6° 5	5°12	28° 9	18° 2	23♍59	6♎27	2♏ 8	13♏24	18♍11	17° 9	18°53	n.a.	T 2
F 3	16 7 16	1°29'12	11♈15	8°10	6°23	28°47	18°12	23°59	6°26	2° 6	13°22	18° 9	17° 6	19° 0	n.a.	F 3
S 4	16 11 13	2°26'20	23°20	10°14	7°33	29°24	18°23	23°58	6°25	2° 5	13°21	18° 4	17° 3	19° 7	n.a.	S 4
S 5	16 15 9	3°23'28	5♉39	12°16	8°44	0♋ 2	18°34	23°58	6°24	2° 4	13°19	17°57	17° 0	19°13	n.a.	S 5
M 6	16 19 6	4°20'36	18°14	14°16	9°55	0°39	18°45	23°58	6°23	2° 2	13°18	17°48	16°57	19°20	n.a.	M 6
T 7	16 23 2	5°17'45	1♊ 5	16°15	11° 6	1°17	18°56	23°D58	6°22	2° 1	13°16	17°36	16°54	19°27	n.a.	T 7
W 8	16 26 59	6°14'54	14°13	18°12	12°17	1°54	19° 7	23°58	6°21	2° 0	13°15	17°24	16°50	19°33	n.a.	W 8
T 9	16 30 56	7°12'04	27°36	20° 7	13°27	2°32	19°18	23°58	6°20	1°58	13°14	17°12	16°47	19°40	n.a.	T 9
F 10	16 34 52	8° 9'15	11♋11	22° 1	14°38	3°10	19°29	23°58	6°19	1°57	13°12	17° 2	16°44	19°47	n.a.	F 10
S 11	16 38 49	9° 6'26	24°57	23°52	15°48	3°47	19°40	23°59	6°19	1°55	13°11	16°54	16°41	19°53	n.a.	S 11
S 12	16 42 45	10° 3'37	8♌50	25°42	16°59	4°25	19°52	23°59	6°18	1°54	13° 9	16°49	16°38	20° 0	n.a.	S 12
M13	16 46 42	11° 0'48	22°49	27°30	18° 9	5° 2	20° 3	24° 0	6°17	1°52	13° 8	16°46	16°35	20° 6	n.a.	M13
T 14	16 50 38	11°58'00	6♍53	29°16	19°20	5°40	20°15	24° 0	6°17	1°51	13° 7	16°45	16°31	20°13	n.a.	T 14
W15	16 54 35	12°55'12	21° 0	1♋ 1	20°30	6°18	20°26	24° 1	6°16	1°49	13° 5	16°45	16°28	20°20	n.a.	W15
T 16	16 58 31	13°52'25	5♎10	2°43	21°40	6°56	20°38	24° 2	6°16	1°48	13° 4	16°45	16°25	20°26	n.a.	T 16
F 17	17 2 28	14°49'38	19°22	4°24	22°50	7°33	20°49	24° 3	6°16	1°46	13° 3	16°42	16°22	20°33	n.a.	F 17
S 18	17 6 25	15°46'51	3♏32	6° 3	24° 0	8°11	21° 1	24° 4	6°15	1°45	13° 2	16°37	16°19	20°40	n.a.	S 18
S 19	17 10 21	16°44'06	17°39	7°40	25°10	8°49	21°13	24° 5	6°15	1°43	13° 0	16°30	16°15	20°46	n.a.	S 19
M20	17 14 18	17°41'21	1♐37	9°16	26°20	9°27	21°25	24° 6	6°15	1°41	12°59	16°20	16°12	20°53	n.a.	M20
T 21	17 18 14	18°38'36	15°24	10°49	27°30	10° 4	21°36	24° 7	6°14	1°40	12°58	16° 8	16° 9	21° 0	n.a.	T 21
W22	17 22 11	19°35'53	28°54	12°21	28°40	10°42	21°48	24° 9	6°14	1°38	12°57	15°56	16° 6	21° 6	n.a.	W22
T 23	17 26 7	20°33'11	12♑ 5	13°51	29°49	11°20	22° 0	24°10	6°14	1°37	12°56	15°44	16° 3	21°13	n.a.	T 23
F 24	17 30 4	21°30'30	24°56	15°19	0♌59	11°58	22°12	24°12	6°D14	1°35	12°54	15°35	16° 0	21°20	n.a.	F 24
S 25	17 34 1	22°27'50	7♒28	16°46	2° 9	12°36	22°24	24°13	6°14	1°34	12°53	15°28	15°56	21°26	n.a.	S 25
S 26	17 37 57	23°25'11	19°43	18°10	3°18	13°14	22°37	24°15	6°14	1°32	12°52	15°23	15°53	21°33	n.a.	S 26
M27	17 41 54	24°22'33	1♓45	19°32	4°27	13°52	22°49	24°17	6°14	1°30	12°51	15°21	15°50	21°39	n.a.	M27
T 28	17 45 50	25°19'57	13°37	20°53	5°36	14°30	23° 1	24°19	6°14	1°29	12°50	15°D20	15°47	21°46	n.a.	T 28
W29	17 49 47	26°17'22	25°26	22°12	6°46	15° 8	23°13	24°21	6°15	1°27	12°49	15°R20	15°44	21°53	n.a.	W29
T 30	17 53 43	27♊14'49	7♈16	23♋28	7♌55	15♋46	23♋25	24♍23	6♎15	1♏25	12♏48	15♍20	15♍41	21♓59	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n22	4s57	0n 4	22n46	1n32	25n38	1n53	25n 0	1n13	23n32	0n56	4n54	2n43	2s 2	0n38	23s29	0n18	8s17	8n12	4n44	5n 8	4s38		n.a.
T 2	20 35	1 10	0s59	23 15	1 37	25 36	1 54	25 1	1 13	23 30	0 56	4 54	2 42	2 2	0 38	23 29	0 18	8 17	8 12	4 44	5 9	4 36		n.a.
F 3	20 47	2n41	1 59	23 41	1 42	25 33	1 54	25 2	1 13	23 29	0 56	4 54	2 42	2 1	0 37	23 29	0 18	8 16	8 12	4 45	5 10	4 34		n.a.
S 4	20 58	6 30	2 55	24 4	1 46	25 29	1 54	25 2	1 13	23 27	0 56	4 54	2 42	2 1	0 37	23 29	0 18	8 16	8 12	4 47	5 11	4 33		n.a.
S 5	21 9	10 6	3 44	24 25	1 49	25 24	1 54	25 2	1 13	23 26	0 56	4 54	2 42	2 0	0 37	23 29	0 18	8 16	8 11	4 50	5 13	4 31		n.a.
M 6	21 20	13 19	4 23	24 42	1 51	25 19	1 54	25 2	1 13	23 24	0 56	4 54	2 41	2 0	0 37	23 29	0 18	8 16	8 11	4 54	5 14	4 29		n.a.
T 7	21 31	15 59	4 49	24 58	1 53	25 13	1 53	25 1	1 13	23 22	0 56	4 53	2 41	2 0	0 37	23 29	0 18	8 16	8 11	4 58	5 15	4 27		n.a.
W 8	21 41	17 53	5 1	25 10	1 54	25 6	1 53	25 1	1 13	23 21	0 56	4 53	2 41	1 59	0 37	23 29	0 18	8 15	8 11	5 3	5 16	4 25		n.a.
T 9	21 51	18 51	4 56	25 21	1 55	24 59	1 53	25 0	1 13	23 19	0 56	4 53	2 41	1 59	0 37	23 29	0 18	8 15	8 11	5 8	5 18	4 23		n.a.
F 10	22 0	18 45	4 35	25 28	1 55	24 51	1 52	24 59	1 13	23 18	0 56	4 52	2 40	1 59	0 37	23 30	0 18	8 15	8 10	5 12	5 19	4 22		n.a.
S 11	22 9	17 34	3 58	25 34	1 54	24 42	1 51	24 58	1 13	23 16	0 56	4 52	2 40	1 59	0 37	23 30	0 18	8 15	8 10	5 15	5 20	4 20		n.a.
S 12	22 18	15 20	3 6	25 37	1 53	24 32	1 51	24 57	1 13	23 14	0 56	4 52	2 40	1 58	0 37	23 30	0 18	8 15	8 10	5 17	5 21	4 18		n.a.
M13	22 26	12 11	2 3	25 38	1 51	24 22	1 50	24 56	1 13	23 12	0 56	4 51	2 39	1 58	0 37	23 30	0 18	8 14	8 10	5 18	5 23	4 16		n.a.
T 14	22 34	8 19	0 52	25 37	1 49	24 11	1 49	24 54	1 13	23 11	0 56	4 51	2 39	1 58	0 37	23 30	0 18	8 14	8 10	5 18	5 24	4 14		n.a.
W15	22 42	3 58	0n22	25 34	1 46	24 0	1 48	24 52	1 13	23 9	0 56	4 50	2 39	1 58	0 37	23 30	0 18	8 14	8 9	5 18	5 25	4 12		n.a.
T 16	22 49	0s37	1 36	25 29	1 42	23 48	1 47	24 50	1 13	23 7	0 56	4 50	2 39	1 58	0 37	23 30	0 18	8 14	8 9	5 19	5 26	4 11		n.a.
F 17	22 56	5 11	2 43	25 22	1 38	23 35	1 46	24 48	1 13	23 5	0 56	4 49	2 38	1 57	0 37	23 30	0 18	8 14	8 9	5 20	5 28	4 9		n.a.
S 18	23 2	9 26	3 41	25 14	1 34	23 21	1 45	24 46	1 13	23 3	0 56	4 48	2 38	1 57	0 37	23 30	0 18	8 14	8 9	5 21	5 29	4 7		n.a.
S 19	23 8	13 8	4 24	25 3	1 29	23 7	1 43	24 43	1 13	23 2	0 56	4 48	2 38	1 57	0 37	23 30	0 18	8 13	8 8	5 25	5 30	4 5		n.a.
M20	23 14	16 3	4 51	24 52	1 23	22 52	1 42	24 41	1 13	23 0	0 56	4 47	2 38	1 57	0 37	23 30	0 18	8 13	8 8	5 29	5 31	4 3		n.a.
T 21	23 19	18 1	5 1	24 39	1 17	22 37	1 40	24 38	1 13	22 58	0 56	4 46	2 37	1 57	0 37	23 30	0 18	8 13	8 8	5 33	5 33	4 1		n.a.
W22	23 24	18 55	4 53	24 24	1 11	22 21	1 39	24 35	1 13	22 56	0 56	4 45	2 37	1 57	0 37	23 30	0 18	8 13	8 8	5 38	5 34	3 59		n.a.
T 23	23 28	18 46	4 30	24 8	1 4	22 4	1 37	24 31	1 13	22 54	0 56	4 45	2 37	1 57	0 37	23 30	0 18	8 13	8 7	5 42	5 35	3 58		n.a.
F 24	23 32	17 39	3 54	23 52	0 57	21 47	1 35	24 28	1 13	22 52	0 56	4 44	2 37	1 57	0 37	23 30	0 18	8 13	8 7	5 46	5 36	3 56		n.a.
S 25	23 35	15 41	3 6	23 34	0 50	21 30	1 33	24 24	1 13	22 50	0 56	4 43	2 36	1 57	0 37	23 30	0 18	8 13	8 7	5 49	5 38	3 54		n.a.
S 26	23 38	13 3	2 11	23 15	0 42	21 11	1 31	24 20	1 12	22 48	0 56	4 42	2 36	1 57	0 37	23 30	0 18	8 13	8 6	5 51	5 39	3 52		n.a.
M27	23 41	9 54	1 12	22 55	0 34	20 53	1 29	24 16	1 12	22 46	0 56	4 41	2 36	1 57	0 37	23 30	0 18	8 13	8 6	5 52	5 40	3 50		n.a.
T 28	23 43	6 24	0 9	22 35	0 25	20 33	1 27	24 12	1 12	22 44	0 56	4 40	2 36	1 57	0 37	23 30	0 18	8 13	8 6	5 52	5 41	3 48		n.a.
W29	23 45	2 40	0s53	22 13	0 17	20 14	1 24	24 8	1 12	22 42	0 56	4 39	2 35	1 58	0 37	23 30	0 18	8 13	8 6	5 52	5 43	3 47		n.a.
T 30	23n47	1n11	1s54	21n51	0n 7	19n53	1n22	24n 3	1n12	22n40	0n56	4n38	2n35	1s58	0n36	23s30	0n18	8s13	8n 5	5n52	5n44	3s45		n.a.

Julian Day Number = 1369838.5, Delta T = 06h51m38s
Ecliptic obliquity = 23°48'27, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°21'54, Lahiri = -17°14'54 Julian Calendar 1 June 963 BCE == Greg. Calendar 23 May 963 BCE

The year -962 astronomical counting style corresponds to year 963 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 963 BCE
geocentric

JULY 963 BCE (-962) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 57 40	28♊12'17	19♈13	24♋43	9♌ 4	16♋24	23♋38	24♍25	6♎15	1°R24	12°R47	15°R18	15♍37	22♓ 6	n.a.	F 1
S 2	18 1 36	29° 9'46	1♉22	25°55	10°13	17° 2	23°50	24°27	6°16	1♏22	12♏46	15♍15	15°34	22°13	n.a.	S 2
S 3	18 5 33	0♋ 7'17	13°47	27° 5	11°21	17°40	24° 3	24°30	6°16	1°21	12°45	15° 8	15°31	22°19	n.a.	S 3
M 4	18 9 30	1° 4'50	26°32	28°13	12°30	18°18	24°15	24°32	6°16	1°19	12°44	14°59	15°28	22°26	n.a.	M 4
T 5	18 13 26	2° 2'24	9♊37	29°18	13°39	18°56	24°28	24°35	6°17	1°17	12°43	14°49	15°25	22°33	n.a.	T 5
W 6	18 17 23	2°59'59	23° 3	0♌21	14°47	19°34	24°40	24°38	6°18	1°16	12°42	14°37	15°21	22°39	n.a.	W 6
T 7	18 21 19	3°57'36	6♋48	1°21	15°55	20°12	24°53	24°40	6°18	1°14	12°42	14°26	15°18	22°46	n.a.	T 7
F 8	18 25 16	4°55'15	20°49	2°18	17° 4	20°51	25° 5	24°43	6°19	1°12	12°41	14°17	15°15	22°53	n.a.	F 8
S 9	18 29 12	5°52'54	4♌59	3°13	18°12	21°29	25°18	24°46	6°20	1°11	12°40	14° 9	15°12	22°59	n.a.	S 9
S 10	18 33 9	6°50'35	19°15	4° 4	19°20	22° 7	25°31	24°49	6°20	1° 9	12°39	14° 5	15° 9	23° 6	n.a.	S 10
M11	18 37 5	7°48'17	3♍33	4°53	20°28	22°45	25°43	24°52	6°21	1° 8	12°39	14° 2	15° 6	23°13	n.a.	M11
T 12	18 41 2	8°46'01	17°49	5°38	21°36	23°24	25°56	24°55	6°22	1° 6	12°38	14°D 2	15° 2	23°19	n.a.	T 12
W13	18 44 59	9°43'45	2♎ 0	6°19	22°43	24° 2	26° 9	24°59	6°23	1° 4	12°37	14° 2	14°59	23°26	n.a.	W13
T 14	18 48 55	10°41'31	16° 6	6°57	23°51	24°40	26°22	25° 2	6°24	1° 3	12°36	14°R 3	14°56	23°32	n.a.	T 14
F 15	18 52 52	11°39'18	0♏ 6	7°30	24°58	25°19	26°34	25° 5	6°25	1° 1	12°36	14° 1	14°53	23°39	n.a.	F 15
S 16	18 56 48	12°37'06	13°58	8° 0	26° 6	25°57	26°47	25° 9	6°26	0°59	12°35	13°57	14°50	23°46	n.a.	S 16
S 17	19 0 45	13°34'56	27°41	8°25	27°13	26°35	27° 0	25°13	6°27	0°58	12°35	13°51	14°47	23°52	n.a.	S 17
M18	19 4 41	14°32'47	11♐15	8°45	28°20	27°14	27°13	25°16	6°28	0°56	12°34	13°43	14°43	23°59	n.a.	M18
T 19	19 8 38	15°30'40	24°36	9° 0	29°27	27°52	27°26	25°20	6°30	0°55	12°34	13°34	14°40	24° 6	n.a.	T 19
W20	19 12 34	16°28'34	7♑44	9°10	0♍33	28°31	27°39	25°24	6°31	0°53	12°33	13°24	14°37	24°12	n.a.	W20
T 21	19 16 31	17°26'30	20°37	9°R15	1°40	29° 9	27°52	25°28	6°32	0°52	12°33	13°15	14°34	24°19	n.a.	T 21
F 22	19 20 28	18°24'28	3♒14	9°14	2°46	29°48	28° 5	25°32	6°34	0°50	12°32	13° 7	14°31	24°26	n.a.	F 22
S 23	19 24 24	19°22'27	15°37	9° 7	3°53	0♌27	28°18	25°36	6°35	0°49	12°32	13° 1	14°27	24°32	n.a.	S 23
S 24	19 28 21	20°20'29	27°46	8°54	4°59	1° 5	28°30	25°40	6°37	0°47	12°32	12°58	14°24	24°39	n.a.	S 24
M25	19 32 17	21°18'32	9♓44	8°35	6° 5	1°44	28°43	25°44	6°38	0°46	12°31	12°D56	14°21	24°46	n.a.	M25
T 26	19 36 14	22°16'37	21°34	8°10	7°10	2°22	28°56	25°48	6°40	0°44	12°31	12°57	14°18	24°52	n.a.	T 26
W27	19 40 10	23°14'45	3♈22	7°38	8°16	3° 1	29° 9	25°53	6°41	0°43	12°31	12°58	14°15	24°59	n.a.	W27
T 28	19 44 7	24°12'54	15°12	7° 1	9°21	3°40	29°22	25°57	6°43	0°41	12°31	12°59	14°12	25° 6	n.a.	T 28
F 29	19 48 3	25°11'06	27° 9	6°18	10°26	4°19	29°36	26° 2	6°45	0°40	12°30	12°R59	14° 8	25°12	n.a.	F 29
S 30	19 52 0	26° 9'19	9♉18	5°30	11°31	4°57	29°49	26° 6	6°47	0°38	12°30	12°58	14° 5	25°19	n.a.	S 30
S 31	19 55 56	27♋ 7'35	21♉44	4♌38	12♍36	5♌36	0♌ 2	26♍11	6♎48	0♏37	12♏30	12♍55	14♍ 2	25♓26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	5n 1	2s50	21n29	0s 2	19n32	1n19	23n59	1n12	22n37	0n56	4n37	2n35	1s58	0n36	23s30	0n18	8s13	8n 5	5n53	5n45	3s43		n.a.
S 2	23 48	8 43	3 39	21 6	0 12	19 11	1 17	23 54	1 12	22 35	0 56	4 35	2 35	1 58	0 36	23 30	0 18	8 13	8 5	5 54	5 46	3 41		n.a.
S 3	23 48	12 6	4 19	20 43	0 21	18 49	1 14	23 49	1 12	22 33	0 56	4 34	2 34	1 58	0 36	23 30	0 18	8 13	8 4	5 57	5 48	3 39		n.a.
M 4	23 48	15 2	4 47	20 19	0 32	18 27	1 11	23 43	1 12	22 31	0 56	4 33	2 34	1 58	0 36	23 30	0 18	8 13	8 4	6 0	5 49	3 37		n.a.
T 5	23 47	17 16	5 1	19 56	0 42	18 4	1 8	23 38	1 12	22 29	0 56	4 32	2 34	1 59	0 36	23 30	0 18	8 13	8 4	6 4	5 50	3 35		n.a.
W 6	23 46	18 39	4 59	19 32	0 53	17 41	1 5	23 32	1 12	22 26	0 56	4 30	2 33	1 59	0 36	23 30	0 18	8 13	8 3	6 9	5 51	3 34		n.a.
T 7	23 45	18 58	4 40	19 8	1 3	17 18	1 2	23 26	1 11	22 24	0 56	4 29	2 33	1 59	0 36	23 30	0 18	8 13	8 3	6 13	5 53	3 32		n.a.
F 8	23 43	18 9	4 4	18 45	1 14	16 54	0 59	23 20	1 11	22 22	0 56	4 28	2 33	2 0	0 36	23 30	0 18	8 13	8 3	6 17	5 54	3 30		n.a.
S 9	23 40	16 12	3 12	18 21	1 25	16 29	0 56	23 14	1 11	22 19	0 56	4 26	2 33	2 0	0 36	23 30	0 18	8 13	8 3	6 20	5 55	3 28		n.a.
S 10	23 38	13 15	2 8	17 58	1 37	16 5	0 52	23 8	1 11	22 17	0 56	4 25	2 33	2 0	0 36	23 30	0 18	8 13	8 2	6 22	5 56	3 26		n.a.
M11	23 34	9 30	0 56	17 36	1 48	15 39	0 49	23 1	1 11	22 15	0 56	4 23	2 32	2 1	0 36	23 30	0 18	8 13	8 2	6 22	5 58	3 24		n.a.
T 12	23 31	5 12	0n20	17 14	1 59	15 14	0 45	22 55	1 11	22 12	0 56	4 22	2 32	2 1	0 36	23 30	0 18	8 13	8 2	6 23	5 59	3 22		n.a.
W13	23 27	0 38	1 34	16 52	2 11	14 48	0 42	22 48	1 11	22 10	0 56	4 20	2 32	2 1	0 36	23 30	0 18	8 13	8 1	6 22	6 0	3 20		n.a.
T 14	23 22	3s56	2 43	16 32	2 22	14 22	0 38	22 41	1 11	22 7	0 56	4 19	2 32	2 2	0 36	23 31	0 18	8 13	8 1	6 22	6 1	3 19		n.a.
F 15	23 17	8 15	3 40	16 12	2 33	13 56	0 34	22 33	1 11	22 5	0 56	4 17	2 31	2 2	0 36	23 31	0 18	8 14	8 1	6 23	6 3	3 17		n.a.
S 16	23 12	12 4	4 24	15 54	2 44	13 29	0 30	22 26	1 10	22 3	0 56	4 16	2 31	2 3	0 36	23 31	0 18	8 14	8 0	6 24	6 4	3 15		n.a.
S 17	23 6	15 11	4 53	15 37	2 56	13 2	0 26	22 19	1 10	22 0	0 56	4 14	2 31	2 3	0 36	23 31	0 18	8 14	8 0	6 27	6 5	3 13		n.a.
M18	23 0	17 27	5 5	15 21	3 6	12 35	0 22	22 11	1 10	21 57	0 56	4 12	2 31	2 4	0 36	23 31	0 18	8 14	8 0	6 30	6 6	3 11		n.a.
T 19	22 53	18 43	4 59	15 7	3 17	12 7	0 18	22 3	1 10	21 55	0 56	4 11	2 30	2 4	0 36	23 31	0 18	8 14	7 59	6 34	6 8	3 9		n.a.
W20	22 46	18 57	4 38	14 55	3 27	11 39	0 13	21 55	1 10	21 52	0 56	4 9	2 30	2 5	0 36	23 31	0 18	8 14	7 59	6 37	6 9	3 7		n.a.
T 21	22 39	18 12	4 3	14 44	3 37	11 11	0 9	21 47	1 10	21 50	0 56	4 7	2 30	2 5	0 36	23 31	0 18	8 15	7 59	6 41	6 10	3 5		n.a.
F 22	22 31	16 33	3 17	14 36	3 46	10 43	0 5	21 38	1 10	21 47	0 57	4 5	2 30	2 6	0 36	23 31	0 18	8 15	7 58	6 44	6 11	3 4		n.a.
S 23	22 23	14 9	2 22	14 29	3 54	10 14	0 0	21 30	1 9	21 45	0 57	4 3	2 29	2 7	0 36	23 31	0 18	8 15	7 58	6 46	6 13	3 2		n.a.
S 24	22 14	11 10	1 21	14 26	4 2	9 46	0s 4	21 21	1 9	21 42	0 57	4 2	2 29	2 7	0 36	23 31	0 18	8 15	7 58	6 48	6 14	3 0		n.a.
M25	22 5	7 46	0 17	14 24	4 8	9 17	0 9	21 12	1 9	21 39	0 57	4 0	2 29	2 8	0 36	23 31	0 17	8 15	7 57	6 48	6 15	2 58		n.a.
T 26	21 56	4 6	0s47	14 25	4 14	8 48	0 14	21 3	1 9	21 37	0 57	3 58	2 29	2 9	0 35	23 31	0 17	8 16	7 57	6 48	6 16	2 56		n.a.
W27	21 46	0 17	1 48	14 29	4 18	8 19	0 19	20 54	1 9	21 34	0 57	3 56	2 29	2 9	0 35	23 31	0 17	8 16	7 57	6 48	6 18	2 54		n.a.
T 28	21 36	3n32	2 45	14 36	4 21	7 49	0 23	20 45	1 9	21 31	0 57	3 54	2 28	2 10	0 35	23 31	0 17	8 16	7 56	6 47	6 19	2 52		n.a.
F 29	21 26	7 15	3 36	14 46	4 22	7 20	0 28	20 35	1 9	21 29	0 57	3 52	2 28	2 11	0 35	23 31	0 17	8 16	7 56	6 47	6 20	2 50		n.a.
S 30	21 15	10 44	4 18	14 58	4 21	6 50	0 33	20 25	1 8	21 26	0 57	3 50	2 28	2 11	0 35	23 31	0 17	8 17	7 55	6 47	6 21	2 49		n.a.
S 31	21n 3	13n50	4s49	15n13	4s19	6n20	0s39	20n16	1n 8	21n23	0n57	3n48	2n28	2s12	0n35	23s31	0n17	8s17	7n55	6n48	6n23	2s47		n.a.

Julian Day Number = 1369868.5, Delta T = 06h51m36s
Ecliptic obliquity = 23°48'27, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°21'50, Lahiri = -17°14'50 Julian Calendar 1 July 963 BCE == Greg. Calendar 22 June 963 BCE

The year -962 astronomical counting style corresponds to year 963 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 963 BCE
geocentric

AUGUST 963 BCE (-962) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 59 53	28♋ 5'53	4♊31	3°R43	13♍41	6♌15	0♌15	26♍16	6♎50	0°R35	12°R30	12°R51	13♍59	25♓32	n.a.	M 1
T 2	20 3 50	29° 4'14	17°42	2♌44	14°45	6°54	0°28	26°20	6°52	0♑34	12♏30	12♍45	13°56	25°39	n.a.	T 2
W 3	20 7 46	0♌ 2'36	1♋19	1°45	15°49	7°33	0°41	26°25	6°54	0°33	12°30	12°38	13°52	25°45	n.a.	W 3
T 4	20 11 43	1° 1'01	15°18	0°45	16°53	8°12	0°54	26°30	6°56	0°31	12°D30	12°31	13°49	25°52	n.a.	T 4
F 5	20 15 39	1°59'28	29°38	29♋46	17°57	8°51	1° 7	26°35	6°58	0°30	12°30	12°25	13°46	25°59	n.a.	F 5
S 6	20 19 36	2°57'56	14♌12	28°50	19° 1	9°30	1°20	26°40	7° 0	0°29	12°30	12°21	13°43	26° 5	n.a.	S 6
S 7	20 23 32	3°56'27	28°53	27°58	20° 4	10° 9	1°33	26°45	7° 3	0°27	12°30	12°18	13°40	26°12	n.a.	S 7
M 8	20 27 29	4°55'00	13♍36	27°11	21° 7	10°48	1°46	26°51	7° 5	0°26	12°30	12°D17	13°37	26°19	n.a.	M 8
T 9	20 31 25	5°53'34	28°12	26°31	22°10	11°27	1°59	26°56	7° 7	0°25	12°30	12°18	13°33	26°25	n.a.	T 9
W10	20 35 22	6°52'10	12♎39	25°58	23°12	12° 6	2°12	27° 1	7° 9	0°23	12°31	12°20	13°30	26°32	n.a.	W10
T 11	20 39 19	7°50'48	26°53	25°33	24°15	12°45	2°25	27° 6	7°12	0°22	12°31	12°21	13°27	26°39	n.a.	T 11
F 12	20 43 15	8°49'27	10♏51	25°17	25°17	13°24	2°38	27°12	7°14	0°21	12°31	12°R21	13°24	26°45	n.a.	F 12
S 13	20 47 12	9°48'09	24°35	25°D10	26°18	14° 4	2°51	27°17	7°16	0°20	12°31	12°20	13°21	26°52	n.a.	S 13
S 14	20 51 8	10°46'52	8♐ 3	25°13	27°20	14°43	3° 4	27°23	7°19	0°19	12°32	12°18	13°18	26°59	n.a.	S 14
M15	20 55 5	11°45'37	21°17	25°26	28°21	15°22	3°17	27°28	7°21	0°18	12°32	12°14	13°14	27° 5	n.a.	M15
T 16	20 59 1	12°44'25	4♑16	25°48	29°21	16° 2	3°30	27°34	7°24	0°17	12°32	12°10	13°11	27°12	n.a.	T 16
W17	21 2 58	13°43'14	17° 2	26°20	0♎22	16°41	3°43	27°40	7°26	0°15	12°33	12° 5	13° 8	27°19	n.a.	W17
T 18	21 6 54	14°42'05	29°35	27° 0	1°22	17°20	3°56	27°46	7°29	0°14	12°33	12° 0	13° 5	27°25	n.a.	T 18
F 19	21 10 51	15°40'58	11♒56	27°50	2°21	18° 0	4° 9	27°51	7°32	0°13	12°34	11°57	13° 2	27°32	n.a.	F 19
S 20	21 14 48	16°39'53	24° 6	28°47	3°21	18°39	4°22	27°57	7°34	0°12	12°34	11°54	12°58	27°38	n.a.	S 20
S 21	21 18 44	17°38'50	6♓ 7	29°51	4°20	19°19	4°35	28° 3	7°37	0°11	12°35	11°D53	12°55	27°45	n.a.	S 21
M22	21 22 41	18°37'50	18° 0	1♌ 2	5°18	19°58	4°48	28° 9	7°40	0°10	12°35	11°53	12°52	27°52	n.a.	M22
T 23	21 26 37	19°36'51	29°49	2°19	6°16	20°38	5° 1	28°15	7°42	0° 9	12°36	11°54	12°49	27°58	n.a.	T 23
W24	21 30 34	20°35'56	11♈36	3°41	7°14	21°17	5°14	28°21	7°45	0° 9	12°37	11°55	12°46	28° 5	n.a.	W24
T 25	21 34 30	21°35'02	23°25	5° 8	8°11	21°57	5°26	28°27	7°48	0° 8	12°37	11°57	12°43	28°12	n.a.	T 25
F 26	21 38 27	22°34'11	5♉21	6°39	9° 8	22°36	5°39	28°33	7°51	0° 7	12°38	11°59	12°39	28°18	n.a.	F 26
S 27	21 42 23	23°33'22	17°29	8°13	10° 4	23°16	5°52	28°40	7°54	0° 6	12°39	11°59	12°36	28°25	n.a.	S 27
S 28	21 46 20	24°32'36	29°52	9°50	11° 0	23°56	6° 5	28°46	7°57	0° 5	12°39	11°R59	12°33	28°32	n.a.	S 28
M29	21 50 16	25°31'53	12♊36	11°30	11°56	24°36	6°17	28°52	8° 0	0° 4	12°40	11°59	12°30	28°38	n.a.	M29
T 30	21 54 13	26°31'11	25°44	13°11	12°50	25°15	6°30	28°58	8° 3	0° 4	12°41	11°57	12°27	28°45	n.a.	T 30
W31	21 58 10	27♌30'33	9♋19	14♌54	13♎45	25♌55	6♌43	29♍ 5	8♎ 6	0♑ 3	12♏42	11♍55	12♍24	28♓52	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
M 1	20n52	16n21	5s 6	15n30	4s14	5n50	0s44	20n 6	1n 8	21n20	0n57	3n46	2n28	2s13	0n35	23s31	0n17	8s17	7n55	6n50	6n24	2s45		n.a.
T 2	20 40	18 7	5 8	15 49	4 8	5 21	0 49	19 56	1 8	21 17	0 57	3 43	2 27	2 14	0 35	23 31	0 17	8 18	7 54	6 53	6 25	2 43		n.a.
W 3	20 27	18 55	4 53	16 11	4 0	4 50	0 54	19 45	1 8	21 15	0 57	3 41	2 27	2 15	0 35	23 31	0 17	8 18	7 54	6 55	6 26	2 41		n.a.
T 4	20 14	18 36	4 21	16 34	3 49	4 20	1 0	19 35	1 7	21 12	0 57	3 39	2 27	2 15	0 35	23 31	0 17	8 18	7 54	6 58	6 27	2 39		n.a.
F 5	20 1	17 6	3 31	16 58	3 37	3 50	1 5	19 24	1 7	21 9	0 57	3 37	2 27	2 16	0 35	23 31	0 17	8 19	7 53	7 0	6 29	2 37		n.a.
S 6	19 48	14 29	2 27	17 23	3 23	3 20	1 11	19 14	1 7	21 6	0 57	3 35	2 27	2 17	0 35	23 31	0 17	8 19	7 53	7 2	6 30	2 35		n.a.
S 7	19 34	10 55	1 12	17 49	3 8	2 50	1 16	19 3	1 7	21 3	0 57	3 33	2 26	2 18	0 35	23 31	0 17	8 19	7 53	7 3	6 31	2 33		n.a.
M 8	19 20	6 39	0n 7	18 15	2 51	2 20	1 22	18 52	1 7	21 0	0 58	3 30	2 26	2 19	0 35	23 31	0 17	8 20	7 52	7 3	6 32	2 32		n.a.
T 9	19 5	2 2	1 26	18 40	2 34	1 49	1 27	18 40	1 6	20 57	0 58	3 28	2 26	2 20	0 35	23 31	0 17	8 20	7 52	7 3	6 34	2 30		n.a.
W10	18 50	2s39	2 38	19 4	2 15	1 19	1 33	18 29	1 6	20 54	0 58	3 26	2 26	2 21	0 35	23 31	0 17	8 21	7 52	7 2	6 35	2 28		n.a.
T 11	18 35	7 6	3 40	19 27	1 56	0 49	1 39	18 18	1 6	20 52	0 58	3 23	2 26	2 22	0 35	23 31	0 17	8 21	7 51	7 2	6 36	2 26		n.a.
F 12	18 20	11 5	4 27	19 49	1 37	0 19	1 44	18 6	1 6	20 49	0 58	3 21	2 26	2 23	0 35	23 31	0 17	8 21	7 51	7 2	6 37	2 24		n.a.
S 13	18 4	14 23	4 58	20 9	1 18	0s11	1 50	17 55	1 6	20 46	0 58	3 19	2 25	2 24	0 35	23 31	0 17	8 22	7 50	7 2	6 39	2 22		n.a.
S 14	17 48	16 51	5 12	20 26	1 0	0 42	1 56	17 43	1 5	20 43	0 58	3 16	2 25	2 25	0 35	23 31	0 17	8 22	7 50	7 3	6 40	2 20		n.a.
M15	17 31	18 22	5 9	20 42	0 42	1 12	2 2	17 31	1 5	20 40	0 58	3 14	2 25	2 26	0 35	23 31	0 17	8 23	7 50	7 4	6 41	2 18		n.a.
T 16	17 15	18 54	4 50	20 55	0 24	1 41	2 8	17 19	1 5	20 37	0 58	3 11	2 25	2 27	0 35	23 31	0 17	8 23	7 49	7 6	6 42	2 16		n.a.
W17	16 58	18 27	4 17	21 5	0 7	2 11	2 14	17 6	1 5	20 34	0 58	3 9	2 25	2 28	0 35	23 31	0 17	8 24	7 49	7 8	6 44	2 15		n.a.
T 18	16 40	17 6	3 32	21 13	0n 9	2 41	2 20	16 54	1 5	20 31	0 58	3 7	2 25	2 29	0 35	23 31	0 17	8 24	7 49	7 10	6 45	2 13		n.a.
F 19	16 23	14 57	2 37	21 18	0 23	3 11	2 26	16 41	1 4	20 28	0 58	3 4	2 24	2 30	0 35	23 31	0 17	8 25	7 48	7 11	6 46	2 11		n.a.
S 20	16 5	12 11	1 36	21 19	0 37	3 40	2 32	16 29	1 4	20 25	0 59	3 2	2 24	2 31	0 35	23 31	0 17	8 25	7 48	7 12	6 47	2 9		n.a.
S 21	15 47	8 55	0 32	21 18	0 49	4 9	2 38	16 16	1 4	20 22	0 59	2 59	2 24	2 32	0 35	23 31	0 17	8 26	7 48	7 13	6 48	2 7		n.a.
M22	15 28	5 20	0s34	21 13	1 1	4 38	2 44	16 3	1 4	20 18	0 59	2 56	2 24	2 33	0 35	23 31	0 17	8 26	7 47	7 13	6 50	2 5		n.a.
T 23	15 10	1 34	1 37	21 6	1 11	5 7	2 50	15 50	1 3	20 15	0 59	2 54	2 24	2 35	0 35	23 32	0 17	8 27	7 47	7 12	6 51	2 3		n.a.
W24	14 51	2n15	2 37	20 55	1 20	5 36	2 56	15 37	1 3	20 12	0 59	2 51	2 24	2 36	0 35	23 32	0 17	8 27	7 47	7 12	6 52	2 1		n.a.
T 25	14 32	5 59	3 30	20 42	1 28	6 5	3 2	15 24	1 3	20 9	0 59	2 49	2 24	2 37	0 34	23 32	0 17	8 28	7 46	7 11	6 53	1 59		n.a.
F 26	14 12	9 31	4 14	20 25	1 34	6 33	3 8	15 11	1 3	20 6	0 59	2 46	2 23	2 38	0 34	23 32	0 17	8 28	7 46	7 11	6 55	1 57		n.a.
S 27	13 52	12 42	4 48	20 6	1 40	7 1	3 15	14 57	1 2	20 3	0 59	2 44	2 23	2 39	0 34	23 32	0 17	8 29	7 46	7 10	6 56	1 55		n.a.
S 28	13 33	15 23	5 10	19 44	1 45	7 29	3 21	14 43	1 2	20 0	0 59	2 41	2 23	2 40	0 34	23 32	0 17	8 29	7 45	7 10	6 57	1 54		n.a.
M29	13 12	17 25	5 17	19 20	1 48	7 57	3 27	14 30	1 2	19 57	0 59	2 38	2 23	2 42	0 34	23 32	0 17	8 30	7 45	7 10	6 58	1 52		n.a.
T 30	12 52	18 37	5 8	18 53	1 51	8 24	3 33	14 16	1 2	19 54	1 0	2 36	2 23	2 43	0 34	23 32	0 17	8 30	7 44	7 11	7 0	1 50		n.a.
W31	12n31	18n48	4s42	18n25	1n53	8s51	3s39	14n 2	1n 1	19n51	1n 0	2n33	2n23	2s44	0n34	23s32	0n17	8s31	7n44	7n12	7n 1	1s48		n.a.

Julian Day Number = 1369899.5, Delta T = 06h51m35s
Ecliptic obliquity = 23°48'27, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°21'46, Lahiri = -17°14'45 Julian Calendar 1 Aug. 963 BCE == Greg. Calendar 23 July 963 BCE

The year -962 astronomical counting style corresponds to year 963 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 963 BCE
geocentric

SEPTEMBER 963 BCE (-962) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 2 6	28♌29'56	23♋20	16♌38	14♎38	26♌35	6♌55	29♍11	8♎ 9	0°R 2	12♏43	11°R54	12♍20	28♓58	n.a.	T 1
F 2	22 6 3	29°29'22	7♌46	18°22	15°32	27°15	7° 8	29°18	8°12	0♉ 2	12°44	11♍52	12°17	29° 5	n.a.	F 2
S 3	22 9 59	0♍28'51	22°33	20° 7	16°24	27°55	7°20	29°24	8°15	0° 1	12°45	11°51	12°14	29°12	n.a.	S 3
S 4	22 13 56	1°28'21	7♍32	21°53	17°16	28°35	7°33	29°31	8°18	0° 1	12°46	11°D51	12°11	29°18	n.a.	S 4
M 5	22 17 52	2°27'54	22°36	23°39	18° 7	29°15	7°45	29°37	8°22	29♐59	12°47	11°51	12° 8	29°25	n.a.	M 5
T 6	22 21 49	3°27'28	7♎37	25°24	18°58	29°55	7°58	29°44	8°25	29°59	12°48	11°51	12° 4	29°32	n.a.	T 6
W 7	22 25 45	4°27'05	22°25	27°10	19°48	0♍35	8°10	29°50	8°28	29°59	12°49	11°52	12° 1	29°38	n.a.	W 7
T 8	22 29 42	5°26'43	6♏55	28°55	20°37	1°15	8°22	29°57	8°31	29°59	12°50	11°52	11°58	29°45	n.a.	T 8
F 9	22 33 38	6°26'24	21° 4	0♍40	21°25	1°55	8°35	0♎ 4	8°35	29°58	12°51	11°53	11°55	29°52	n.a.	F 9
S 10	22 37 35	7°26'06	4♐50	2°24	22°13	2°35	8°47	0°10	8°38	29°58	12°52	11°R53	11°52	29°58	n.a.	S 10
S 11	22 41 32	8°25'50	18°14	4° 8	22°59	3°16	8°59	0°17	8°41	29°57	12°53	11°53	11°49	0♈ 5	n.a.	S 11
M12	22 45 28	9°25'36	1♉17	5°52	23°45	3°56	9°11	0°24	8°45	29°57	12°55	11°53	11°45	0°11	n.a.	M12
T 13	22 49 25	10°25'24	14° 2	7°35	24°30	4°36	9°23	0°31	8°48	29°57	12°56	11°53	11°42	0°18	n.a.	T 13
W14	22 53 21	11°25'14	26°32	9°17	25°14	5°16	9°35	0°37	8°52	29°56	12°57	11°D52	11°39	0°25	n.a.	W14
T 15	22 57 18	12°25'05	8♒49	10°59	25°57	5°57	9°47	0°44	8°55	29°56	12°58	11°52	11°36	0°31	n.a.	T 15
F 16	23 1 14	13°24'58	20°55	12°40	26°39	6°37	9°59	0°51	8°58	29°56	13° 0	11°53	11°33	0°38	n.a.	F 16
S 17	23 5 11	14°24'54	2♓54	14°21	27°20	7°18	10°11	0°58	9° 2	29°56	13° 1	11°53	11°29	0°45	n.a.	S 17
S 18	23 9 7	15°24'51	14°47	16° 1	28° 0	7°58	10°23	1° 5	9° 5	29°56	13° 3	11°R53	11°26	0°51	n.a.	S 18
M19	23 13 4	16°24'50	26°36	17°40	28°38	8°39	10°35	1°12	9° 9	29°56	13° 4	11°53	11°23	0°58	n.a.	M19
T 20	23 17 0	17°24'52	8♈24	19°19	29°16	9°19	10°46	1°19	9°13	29°56	13° 5	11°52	11°20	1° 5	n.a.	T 20
W21	23 20 57	18°24'55	20°13	20°57	29°52	10° 0	10°58	1°26	9°16	29°D56	13° 7	11°51	11°17	1°11	n.a.	W21
T 22	23 24 54	19°25'01	2♉ 5	22°35	0♏27	10°40	11°10	1°33	9°20	29°56	13° 8	11°50	11°14	1°18	n.a.	T 22
F 23	23 28 50	20°25'09	14° 4	24°12	1° 0	11°21	11°21	1°39	9°23	29°56	13°10	11°49	11°10	1°25	n.a.	F 23
S 24	23 32 47	21°25'19	26°12	25°49	1°32	12° 2	11°33	1°46	9°27	29°56	13°11	11°48	11° 7	1°31	n.a.	S 24
S 25	23 36 43	22°25'31	8♊34	27°26	2° 3	12°42	11°44	1°53	9°30	29°56	13°13	11°47	11° 4	1°38	n.a.	S 25
M26	23 40 40	23°25'46	21°14	29° 1	2°32	13°23	11°55	2° 1	9°34	29°56	13°15	11°D47	11° 1	1°45	n.a.	M26
T 27	23 44 36	24°26'02	4♋14	0♎37	3° 0	14° 4	12° 6	2° 8	9°38	29°56	13°16	11°47	10°58	1°51	n.a.	T 27
W28	23 48 33	25°26'21	17°39	2°12	3°26	14°45	12°18	2°15	9°41	29°56	13°18	11°48	10°55	1°58	n.a.	W28
T 29	23 52 29	26°26'42	1♌31	3°46	3°50	15°26	12°29	2°22	9°45	29°57	13°19	11°49	10°51	2° 5	n.a.	T 29
F 30	23 56 26	27♍27'06	15♌48	5♎20	4♏12	16♍ 7	12♌40	2♎29	9♎49	29♐57	13♏21	11♍50	10♍48	2♈11	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n11	17n51	3s58	17n54	1n54	9s18	3s45	13n48	1n 1	19n47	1n 0	2n30	2n23	2s45	0n34	23s32	0n17	8s32	7n44	7n12	7n 2	1s46		n.a.
F 2	11 50	15 44	2 58	17 22	1 54	9 45	3 51	13 34	1 1	19 44	1 0	2 28	2 23	2 47	0 34	23 32	0 17	8 32	7 43	7 13	7 3	1 44		n.a.
S 3	11 28	12 33	1 45	16 48	1 54	10 11	3 57	13 20	1 1	19 41	1 0	2 25	2 22	2 48	0 34	23 32	0 17	8 33	7 43	7 13	7 5	1 42		n.a.
S 4	11 7	8 30	0 24	16 13	1 53	10 37	4 3	13 5	1 0	19 38	1 0	2 22	2 22	2 49	0 34	23 32	0 17	8 33	7 43	7 14	7 6	1 40		n.a.
M 5	10 45	3 53	0n59	15 36	1 52	11 2	4 9	12 51	1 0	19 35	1 0	2 19	2 22	2 51	0 34	23 32	0 17	8 34	7 42	7 14	7 7	1 38		n.a.
T 6	10 24	0s57	2 18	14 58	1 49	11 27	4 15	12 36	1 0	19 32	1 0	2 17	2 22	2 52	0 34	23 32	0 17	8 35	7 42	7 13	7 8	1 36		n.a.
W 7	10 2	5 39	3 27	14 19	1 47	11 52	4 21	12 22	0 59	19 29	1 1	2 14	2 22	2 53	0 34	23 32	0 17	8 35	7 42	7 13	7 9	1 34		n.a.
T 8	9 39	9 56	4 21	13 39	1 44	12 16	4 27	12 7	0 59	19 26	1 1	2 11	2 22	2 54	0 34	23 32	0 17	8 36	7 41	7 13	7 11	1 33		n.a.
F 9	9 17	13 31	4 57	12 58	1 40	12 40	4 32	11 52	0 59	19 22	1 1	2 8	2 22	2 56	0 34	23 32	0 17	8 37	7 41	7 13	7 12	1 31		n.a.
S 10	8 55	16 15	5 16	12 16	1 36	13 4	4 38	11 37	0 59	19 19	1 1	2 6	2 22	2 57	0 34	23 32	0 17	8 37	7 41	7 13	7 13	1 29		n.a.
S 11	8 32	18 2	5 16	11 34	1 32	13 27	4 44	11 22	0 58	19 16	1 1	2 3	2 22	2 59	0 34	23 32	0 17	8 38	7 40	7 13	7 14	1 27		n.a.
M12	8 9	18 48	5 0	10 51	1 28	13 49	4 49	11 7	0 58	19 13	1 1	2 0	2 22	3 0	0 34	23 32	0 17	8 39	7 40	7 13	7 16	1 25		n.a.
T 13	7 46	18 35	4 29	10 8	1 23	14 12	4 55	10 52	0 58	19 10	1 1	1 57	2 22	3 1	0 34	23 32	0 17	8 39	7 40	7 13	7 17	1 23		n.a.
W14	7 23	17 28	3 47	9 25	1 18	14 33	5 0	10 36	0 57	19 7	1 2	1 54	2 21	3 3	0 34	23 32	0 16	8 40	7 40	7 13	7 18	1 21		n.a.
T 15	7 0	15 32	2 54	8 41	1 13	14 54	5 6	10 21	0 57	19 4	1 2	1 52	2 21	3 4	0 34	23 32	0 16	8 41	7 39	7 13	7 19	1 19		n.a.
F 16	6 37	12 57	1 54	7 56	1 7	15 15	5 11	10 6	0 57	19 0	1 2	1 49	2 21	3 5	0 34	23 32	0 16	8 41	7 39	7 13	7 21	1 17		n.a.
S 17	6 14	9 49	0 50	7 12	1 2	15 35	5 16	9 50	0 56	18 57	1 2	1 46	2 21	3 7	0 34	23 32	0 16	8 42	7 39	7 13	7 22	1 15		n.a.
S 18	5 50	6 20	0s16	6 27	0 56	15 54	5 21	9 34	0 56	18 54	1 2	1 43	2 21	3 8	0 34	23 32	0 16	8 43	7 38	7 13	7 23	1 13		n.a.
M19	5 26	2 36	1 21	5 42	0 50	16 13	5 26	9 19	0 56	18 51	1 2	1 40	2 21	3 10	0 34	23 32	0 16	8 43	7 38	7 13	7 24	1 11		n.a.
T 20	5 3	1n13	2 22	4 57	0 44	16 31	5 30	9 3	0 55	18 48	1 2	1 37	2 21	3 11	0 34	23 32	0 16	8 44	7 38	7 13	7 25	1 10		n.a.
W21	4 39	4 59	3 17	4 13	0 37	16 48	5 35	8 47	0 55	18 45	1 3	1 34	2 21	3 13	0 34	23 32	0 16	8 45	7 37	7 13	7 27	1 8		n.a.
T 22	4 15	8 34	4 4	3 28	0 31	17 5	5 39	8 31	0 55	18 42	1 3	1 32	2 21	3 14	0 34	23 32	0 16	8 46	7 37	7 14	7 28	1 6		n.a.
F 23	3 51	11 50	4 41	2 43	0 25	17 21	5 43	8 15	0 54	18 39	1 3	1 29	2 21	3 15	0 34	23 32	0 16	8 46	7 37	7 14	7 29	1 4		n.a.
S 24	3 27	14 39	5 6	1 58	0 18	17 36	5 47	7 59	0 54	18 36	1 3	1 26	2 21	3 17	0 34	23 32	0 16	8 47	7 37	7 15	7 30	1 2		n.a.
S 25	3 3	16 51	5 17	1 13	0 12	17 51	5 51	7 43	0 54	18 33	1 3	1 23	2 21	3 18	0 34	23 32	0 16	8 48	7 36	7 15	7 32	1 0		n.a.
M26	2 39	18 18	5 13	0 28	0 5	18 4	5 55	7 27	0 53	18 30	1 3	1 20	2 21	3 20	0 34	23 32	0 16	8 49	7 36	7 15	7 33	0 58		n.a.
T 27	2 15	18 51	4 53	0s16	0s 1	18 17	5 58	7 11	0 53	18 27	1 4	1 17	2 21	3 21	0 34	23 32	0 16	8 49	7 36	7 15	7 34	0 56		n.a.
W28	1 50	18 22	4 17	1 1	0 8	18 29	6 1	6 54	0 53	18 24	1 4	1 14	2 21	3 23	0 34	23 32	0 16	8 50	7 35	7 15	7 35	0 54		n.a.
T 29	1 26	16 47	3 26	1 45	0 15	18 41	6 4	6 38	0 52	18 21	1 4	1 12	2 21	3 24	0 34	23 32	0 16	8 51	7 35	7 14	7 36	0 52		n.a.
F 30	1n 2	14n 8	2s19	2s29	0s21	18s51	6s 7	6n21	0n52	18n18	1n 4	1n 9	2n21	3s26	0n34	23s32	0n16	8s52	7n35	7n14	7n38	0s50		n.a.

Julian Day Number = 1369930.5, Delta T = 06h51m33s
Ecliptic obliquity = 23°48'28, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°21'42, Lahiri = -17°14'41 Julian Calendar 1 Sept. 963 BCE == Greg. Calendar 23 Aug. 963 BCE

The year -962 astronomical counting style corresponds to year 963 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 963 BCE
geocentric

OCTOBER 963 BCE (-962) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 0 23	28♍27'31	0♍31	6♎54	4♏33	16♍48	12♌51	2♎36	9♎52	29♐57	13♏23	11♍51	10♍45	2♈18	n.a.	S 1
S 2	0 4 19	29°27'58	15°32	8°27	4°51	17°29	13° 1	2°43	9°56	29°57	13°25	11°R51	10°42	2°25	n.a.	S 2
M 3	0 8 16	0♎28'27	0♎45	10° 0	5° 8	18°10	13°12	2°50	10° 0	29°58	13°26	11°50	10°39	2°31	n.a.	M 3
T 4	0 12 12	1°28'57	15°59	11°33	5°23	18°51	13°23	2°57	10° 4	29°58	13°28	11°49	10°35	2°38	n.a.	T 4
W 5	0 16 9	2°29'30	1♏ 5	13° 5	5°36	19°32	13°33	3° 4	10° 7	29°59	13°30	11°46	10°32	2°45	n.a.	W 5
T 6	0 20 5	3°30'04	15°54	14°37	5°46	20°13	13°44	3°11	10°11	29°59	13°32	11°43	10°29	2°51	n.a.	T 6
F 7	0 24 2	4°30'39	0♐18	16° 8	5°55	20°54	13°54	3°18	10°15	29°59	13°34	11°40	10°26	2°58	n.a.	F 7
S 8	0 27 58	5°31'16	14°16	17°40	6° 1	21°35	14° 5	3°25	10°19	0♑ 0	13°35	11°38	10°23	3° 4	n.a.	S 8
S 9	0 31 55	6°31'55	27°45	19°10	6° 4	22°17	14°15	3°32	10°22	0° 1	13°37	11°36	10°20	3°11	n.a.	S 9
M10	0 35 51	7°32'34	10♑48	20°41	6°R 6	22°58	14°25	3°39	10°26	0° 1	13°39	11°D36	10°16	3°18	n.a.	M10
T 11	0 39 48	8°33'15	23°29	22°11	6° 5	23°39	14°35	3°47	10°30	0° 2	13°41	11°37	10°13	3°24	n.a.	T 11
W12	0 43 45	9°33'57	5♒50	23°41	6° 1	24°21	14°45	3°54	10°34	0° 3	13°43	11°39	10°10	3°31	n.a.	W12
T 13	0 47 41	10°34'41	17°58	25°11	5°55	25° 2	14°55	4° 1	10°37	0° 4	13°45	11°40	10° 7	3°38	n.a.	T 13
F 14	0 51 38	11°35'26	29°55	26°40	5°47	25°44	15° 5	4° 8	10°41	0° 4	13°47	11°42	10° 4	3°44	n.a.	F 14
S 15	0 55 34	12°36'12	11♓46	28° 8	5°36	26°25	15°14	4°15	10°45	0° 5	13°49	11°R43	10° 1	3°51	n.a.	S 15
S 16	0 59 31	13°36'59	23°34	29°36	5°23	27° 7	15°24	4°22	10°49	0° 6	13°51	11°42	9°57	3°58	n.a.	S 16
M17	1 3 27	14°37'47	5♈22	1♏ 4	5° 7	27°48	15°33	4°29	10°52	0° 7	13°53	11°39	9°54	4° 4	n.a.	M17
T 18	1 7 24	15°38'37	17°12	2°31	4°49	28°30	15°42	4°36	10°56	0° 8	13°55	11°35	9°51	4°11	n.a.	T 18
W19	1 11 20	16°39'29	29° 6	3°58	4°28	29°11	15°52	4°43	11° 0	0° 9	13°57	11°30	9°48	4°18	n.a.	W19
T 20	1 15 17	17°40'21	11♉ 6	5°24	4° 5	29°53	16° 1	4°50	11° 3	0° 9	13°59	11°23	9°45	4°24	n.a.	T 20
F 21	1 19 14	18°41'16	23°13	6°49	3°41	0♎35	16°10	4°57	11° 7	0°10	14° 1	11°16	9°41	4°31	n.a.	F 21
S 22	1 23 10	19°42'11	5♊29	8°13	3°14	1°17	16°19	5° 4	11°11	0°11	14° 3	11° 9	9°38	4°38	n.a.	S 22
S 23	1 27 7	20°43'08	17°56	9°36	2°45	1°58	16°27	5°11	11°15	0°13	14° 5	11° 3	9°35	4°44	n.a.	S 23
M24	1 31 3	21°44'07	0♋37	10°59	2°15	2°40	16°36	5°17	11°18	0°14	14° 7	10°59	9°32	4°51	n.a.	M24
T 25	1 35 0	22°45'07	13°35	12°19	1°43	3°22	16°44	5°24	11°22	0°15	14° 9	10°57	9°29	4°58	n.a.	T 25
W26	1 38 56	23°46'08	26°51	13°39	1° 9	4° 4	16°53	5°31	11°26	0°16	14°11	10°D56	9°26	5° 4	n.a.	W26
T 27	1 42 53	24°47'11	10♌30	14°56	0°35	4°46	17° 1	5°38	11°29	0°17	14°14	10°57	9°22	5°11	n.a.	T 27
F 28	1 46 49	25°48'15	24°31	16°12	29♎59	5°28	17° 9	5°45	11°33	0°18	14°16	10°59	9°19	5°18	n.a.	F 28
S 29	1 50 46	26°49'20	8♍57	17°25	29°24	6°10	17°17	5°52	11°37	0°19	14°18	10°R59	9°16	5°24	n.a.	S 29
S 30	1 54 43	27°50'27	23°43	18°36	28°48	6°52	17°25	5°58	11°40	0°21	14°20	10°59	9°13	5°31	n.a.	S 30
M31	1 58 39	28♎51'34	8♎45	19♏43	28♎11	7♎34	17♌33	6♎ 5	11♎44	0♑22	14♏22	10♍56	9♍10	5♈38	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n37	10n29	1s 2	3s12	0s28	19s 0	6s 9	6n 5	0n52	18n15	1n 4	1n 6	2n21	3s27	0n34	23s32	0n16	8s52	7n35	7n13	7n39	0s48		n.a.
S 2	0 13	6 6	0n20	3 56	0 34	19 9	6 11	5 48	0 51	18 12	1 5	1 3	2 21	3 29	0 34	23 32	0 16	8 53	7 34	7 13	7 40	0 46		n.a.
M 3	0s11	1 16	1 43	4 39	0 41	19 16	6 13	5 32	0 51	18 9	1 5	1 0	2 21	3 30	0 34	23 32	0 16	8 54	7 34	7 14	7 41	0 44		n.a.
T 4	0 36	3s39	2 58	5 21	0 47	19 22	6 14	5 15	0 50	18 6	1 5	0 57	2 21	3 32	0 34	23 32	0 16	8 55	7 34	7 14	7 43	0 43		n.a.
W 5	1 0	8 17	4 0	6 4	0 54	19 28	6 15	4 58	0 50	18 3	1 5	0 54	2 21	3 33	0 34	23 32	0 16	8 55	7 33	7 15	7 44	0 41		n.a.
T 6	1 25	12 19	4 44	6 46	1 0	19 32	6 15	4 42	0 50	18 0	1 5	0 52	2 21	3 35	0 34	23 32	0 16	8 56	7 33	7 16	7 45	0 39		n.a.
F 7	1 49	15 29	5 9	7 27	1 6	19 35	6 15	4 25	0 49	17 57	1 6	0 49	2 21	3 36	0 34	23 32	0 16	8 57	7 33	7 18	7 46	0 37		n.a.
S 8	2 14	17 39	5 15	8 9	1 12	19 36	6 15	4 8	0 49	17 54	1 6	0 46	2 21	3 38	0 34	23 33	0 16	8 58	7 33	7 19	7 47	0 35		n.a.
S 9	2 38	18 44	5 3	8 49	1 18	19 37	6 14	3 51	0 48	17 51	1 6	0 43	2 21	3 39	0 34	23 33	0 16	8 58	7 32	7 19	7 49	0 33		n.a.
M10	3 2	18 47	4 35	9 29	1 24	19 36	6 13	3 34	0 48	17 49	1 6	0 40	2 21	3 41	0 34	23 33	0 16	8 59	7 32	7 19	7 50	0 31		n.a.
T 11	3 27	17 52	3 55	10 9	1 30	19 34	6 11	3 17	0 48	17 46	1 6	0 37	2 21	3 42	0 34	23 33	0 16	9 0	7 32	7 19	7 51	0 29		n.a.
W12	3 51	16 7	3 5	10 48	1 35	19 31	6 9	3 0	0 47	17 43	1 7	0 34	2 21	3 44	0 34	23 33	0 16	9 1	7 32	7 18	7 52	0 27		n.a.
T 13	4 15	13 40	2 7	11 27	1 41	19 26	6 6	2 43	0 47	17 40	1 7	0 32	2 21	3 45	0 34	23 33	0 16	9 2	7 32	7 18	7 54	0 25		n.a.
F 14	4 39	10 40	1 4	12 5	1 46	19 20	6 2	2 26	0 46	17 38	1 7	0 29	2 21	3 47	0 34	23 33	0 16	9 2	7 31	7 17	7 55	0 23		n.a.
S 15	5 3	7 16	0s 0	12 42	1 51	19 12	5 58	2 9	0 46	17 35	1 7	0 26	2 21	3 48	0 34	23 33	0 16	9 3	7 31	7 17	7 56	0 21		n.a.
S 16	5 27	3 35	1 5	13 18	1 56	19 3	5 53	1 52	0 46	17 32	1 7	0 23	2 21	3 50	0 34	23 33	0 16	9 4	7 31	7 17	7 57	0 19		n.a.
M17	5 51	0n15	2 6	13 54	2 0	18 52	5 48	1 34	0 45	17 30	1 8	0 20	2 21	3 51	0 34	23 33	0 16	9 5	7 31	7 18	7 58	0 17		n.a.
T 18	6 15	4 4	3 2	14 28	2 4	18 40	5 42	1 17	0 45	17 27	1 8	0 18	2 21	3 53	0 34	23 33	0 16	9 6	7 30	7 20	8 0	0 15		n.a.
W19	6 39	7 44	3 50	15 2	2 8	18 26	5 35	1 0	0 44	17 25	1 8	0 15	2 21	3 54	0 34	23 33	0 16	9 6	7 30	7 22	8 1	0 13		n.a.
T 20	7 2	11 8	4 29	15 35	2 12	18 11	5 27	0 43	0 44	17 22	1 8	0 12	2 21	3 56	0 34	23 33	0 16	9 7	7 30	7 24	8 2	0 12		n.a.
F 21	7 26	14 6	4 55	16 7	2 15	17 55	5 19	0 26	0 43	17 19	1 9	0 9	2 21	3 57	0 34	23 33	0 16	9 8	7 30	7 27	8 3	0 10		n.a.
S 22	7 49	16 29	5 9	16 38	2 18	17 37	5 10	0 8	0 43	17 17	1 9	0 7	2 21	3 59	0 34	23 33	0 16	9 9	7 30	7 30	8 4	0 8		n.a.
S 23	8 13	18 8	5 8	17 8	2 21	17 18	5 0	0s 9	0 42	17 15	1 9	0 4	2 21	4 0	0 34	23 33	0 16	9 10	7 29	7 32	8 6	0 6		n.a.
M24	8 36	18 56	4 52	17 36	2 23	16 57	4 50	0 26	0 42	17 12	1 9	0 1	2 21	4 2	0 34	23 33	0 16	9 10	7 29	7 34	8 7	0 4		n.a.
T 25	8 59	18 46	4 22	18 3	2 24	16 36	4 39	0 44	0 41	17 10	1 9	0s 2	2 21	4 3	0 34	23 33	0 16	9 11	7 29	7 34	8 8	0 2		n.a.
W26	9 22	17 34	3 36	18 29	2 25	16 13	4 27	1 1	0 41	17 7	1 10	0 4	2 21	4 4	0 34	23 33	0 16	9 12	7 29	7 35	8 9	0n 0		n.a.
T 27	9 45	15 21	2 38	18 53	2 26	15 49	4 15	1 18	0 41	17 5	1 10	0 7	2 21	4 6	0 34	23 33	0 16	9 13	7 29	7 34	8 11	0 2		n.a.
F 28	10 7	12 10	1 28	19 16	2 26	15 24	4 2	1 36	0 40	17 3	1 10	0 10	2 21	4 7	0 34	23 33	0 16	9 14	7 29	7 34	8 12	0 4		n.a.
S 29	10 30	8 10	0 11	19 36	2 25	14 59	3 48	1 53	0 40	17 1	1 10	0 12	2 21	4 9	0 34	23 33	0 16	9 14	7 28	7 33	8 13	0 6		n.a.
S 30	10 52	3 35	1n 8	19 55	2 24	14 32	3 34	2 10	0 39	16 58	1 11	0 15	2 21	4 10	0 34	23 33	0 15	9 15	7 28	7 34	8 14	0 8		n.a.
M31	11s14	1s19	2n24	20s12	2s21	14s 6	3s20	2s28	0n39	16n56	1n11	0s18	2n22	4s12	0n34	23s33	0n15	9s16	7n28	7n35	8n15	0n10		n.a.

Julian Day Number = 1369960.5, Delta T = 06h51m32s
Ecliptic obliquity = 23°48'28, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°21'38, Lahiri = -17°14'37 Julian Calendar 1 Oct. 963 BCE == Greg. Calendar 22 Sept. 963 BCE

The year -962 astronomical counting style corresponds to year 963 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 963 BCE
geocentric

NOVEMBER 963 BCE (-962) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 2 36	29♎52'43	23♎55	20♏47	27°R35	8♎17	17♌40	6♎12	11♎48	0♉23	14♏24	10°R51	9♍ 6	5♈44	n.a.	T 1
W 2	2 6 32	0♏53'53	9♏ 3	21°47	26♎59	8°59	17°48	6°18	11°51	0°25	14°27	10♍44	9° 3	5°51	n.a.	W 2
T 3	2 10 29	1°55'03	23°59	22°43	26°24	9°41	17°55	6°25	11°55	0°26	14°29	10°35	9° 0	5°58	n.a.	T 3
F 4	2 14 25	2°56'14	8♐34	23°33	25°50	10°23	18° 2	6°32	11°59	0°27	14°31	10°27	8°57	6° 4	n.a.	F 4
S 5	2 18 22	3°57'26	22°42	24°17	25°16	11° 6	18° 9	6°38	12° 2	0°29	14°33	10°19	8°54	6°11	n.a.	S 5
S 6	2 22 18	4°58'38	6♑21	24°54	24°44	11°48	18°16	6°45	12° 6	0°30	14°35	10°13	8°51	6°18	n.a.	S 6
M 7	2 26 15	5°59'51	19°30	25°23	24°14	12°31	18°23	6°51	12° 9	0°32	14°38	10° 9	8°47	6°24	n.a.	M 7
T 8	2 30 12	7° 1'04	2♒14	25°44	23°45	13°13	18°30	6°58	12°13	0°33	14°40	10°D 8	8°44	6°31	n.a.	T 8
W 9	2 34 8	8° 2'17	14°36	25°55	23°18	13°55	18°36	7° 4	12°16	0°35	14°42	10° 8	8°41	6°38	n.a.	W 9
T 10	2 38 5	9° 3'31	26°41	25°R56	22°53	14°38	18°43	7°11	12°20	0°36	14°44	10° 9	8°38	6°44	n.a.	T 10
F 11	2 42 1	10° 4'45	8♓35	25°46	22°30	15°21	18°49	7°17	12°23	0°38	14°47	10°R 9	8°35	6°51	n.a.	F 11
S 12	2 45 58	11° 5'59	20°24	25°25	22° 9	16° 3	18°55	7°23	12°26	0°40	14°49	10° 9	8°32	6°58	n.a.	S 12
S 13	2 49 54	12° 7'13	2♈10	24°51	21°50	16°46	19° 1	7°30	12°30	0°41	14°51	10° 6	8°28	7° 4	n.a.	S 13
M14	2 53 51	13° 8'28	13°59	24° 7	21°34	17°28	19° 6	7°36	12°33	0°43	14°53	10° 1	8°25	7°11	n.a.	M14
T 15	2 57 47	14° 9'43	25°54	23°11	21°21	18°11	19°12	7°42	12°37	0°45	14°56	9°53	8°22	7°18	n.a.	T 15
W16	3 1 44	15°10'58	7♉56	22° 6	21°10	18°54	19°17	7°48	12°40	0°46	14°58	9°42	8°19	7°24	n.a.	W16
T 17	3 5 41	16°12'13	20° 7	20°53	21° 1	19°37	19°22	7°54	12°43	0°48	15° 0	9°30	8°16	7°31	n.a.	T 17
F 18	3 9 37	17°13'29	2♊28	19°34	20°55	20°19	19°27	8° 0	12°46	0°50	15° 2	9°17	8°12	7°38	n.a.	F 18
S 19	3 13 34	18°14'45	14°59	18°13	20°51	21° 2	19°32	8° 6	12°50	0°51	15° 5	9° 4	8° 9	7°44	n.a.	S 19
S 20	3 17 30	19°16'01	27°41	16°51	20°D50	21°45	19°37	8°12	12°53	0°53	15° 7	8°53	8° 6	7°51	n.a.	S 20
M21	3 21 27	20°17'18	10♋34	15°31	20°52	22°28	19°42	8°18	12°56	0°55	15° 9	8°44	8° 3	7°58	n.a.	M21
T 22	3 25 23	21°18'34	23°39	14°16	20°55	23°11	19°46	8°24	12°59	0°57	15°11	8°38	8° 0	8° 4	n.a.	T 22
W23	3 29 20	22°19'52	6♌57	13° 8	21° 2	23°54	19°50	8°29	13° 2	0°59	15°13	8°35	7°57	8°11	n.a.	W23
T 24	3 33 17	23°21'09	20°31	12° 9	21°10	24°37	19°54	8°35	13° 6	1° 1	15°16	8°D34	7°53	8°18	n.a.	T 24
F 25	3 37 13	24°22'27	4♍21	11°20	21°21	25°20	19°58	8°41	13° 9	1° 3	15°18	8°R34	7°50	8°24	n.a.	F 25
S 26	3 41 10	25°23'45	18°28	10°40	21°34	26° 3	20° 2	8°46	13°12	1° 5	15°20	8°34	7°47	8°31	n.a.	S 26
S 27	3 45 6	26°25'03	2♎53	10°11	21°49	26°47	20° 5	8°52	13°15	1° 6	15°22	8°32	7°44	8°38	n.a.	S 27
M28	3 49 3	27°26'21	17°32	9°52	22° 6	27°30	20° 9	8°57	13°18	1° 8	15°25	8°28	7°41	8°44	n.a.	M28
T 29	3 52 59	28°27'39	2♏21	9°D43	22°26	28°13	20°12	9° 3	13°21	1°10	15°27	8°20	7°37	8°51	n.a.	T 29
W30	3 56 56	29♏28'57	17♏11	9♏44	22♎47	28♎56	20♌15	9♎ 8	13♎23	1♑12	15♏29	8♍10	7♍34	8♈58	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s36	6s10	3n30	20s27	2s18	13s39	3s 5	2s45	0n38	16n54	1n11	0s20	2n22	4s13	0n34	23s33	0n15	9s17	7n28	7n37	8n17	0n12		n.a.
W 2	11 58	10 36	4 22	20 39	2 14	13 11	2 50	3 2	0 38	16 52	1 11	0 23	2 22	4 15	0 34	23 33	0 15	9 17	7 28	7 39	8 18	0 14		n.a.
T 3	12 19	14 18	4 54	20 49	2 9	12 44	2 35	3 20	0 37	16 50	1 12	0 25	2 22	4 16	0 34	23 33	0 15	9 18	7 28	7 43	8 19	0 16		n.a.
F 4	12 41	17 1	5 7	20 56	2 3	12 17	2 19	3 37	0 37	16 48	1 12	0 28	2 22	4 17	0 34	23 33	0 15	9 19	7 27	7 46	8 20	0 18		n.a.
S 5	13 2	18 37	5 0	21 0	1 56	11 50	2 4	3 54	0 36	16 46	1 12	0 30	2 22	4 19	0 34	23 33	0 15	9 20	7 27	7 49	8 21	0 20		n.a.
S 6	13 23	19 4	4 36	21 1	1 47	11 24	1 48	4 11	0 36	16 44	1 13	0 33	2 22	4 20	0 34	23 33	0 15	9 21	7 27	7 51	8 23	0 22		n.a.
M 7	13 43	18 26	3 58	20 59	1 37	10 58	1 32	4 29	0 35	16 42	1 13	0 35	2 22	4 22	0 34	23 33	0 15	9 21	7 27	7 53	8 24	0 23		n.a.
T 8	14 4	16 54	3 9	20 53	1 26	10 32	1 17	4 46	0 35	16 40	1 13	0 38	2 22	4 23	0 34	23 33	0 15	9 22	7 27	7 53	8 25	0 25		n.a.
W 9	14 24	14 35	2 13	20 43	1 13	10 8	1 1	5 3	0 34	16 39	1 13	0 40	2 22	4 24	0 34	23 33	0 15	9 23	7 27	7 53	8 26	0 27		n.a.
T 10	14 44	11 41	1 12	20 29	0 59	9 44	0 46	5 20	0 33	16 37	1 14	0 43	2 22	4 26	0 34	23 33	0 15	9 24	7 27	7 53	8 27	0 29		n.a.
F 11	15 4	8 21	0 8	20 12	0 43	9 22	0 31	5 38	0 33	16 35	1 14	0 45	2 23	4 27	0 34	23 33	0 15	9 24	7 27	7 53	8 29	0 31		n.a.
S 12	15 23	4 42	0s55	19 50	0 26	9 0	0 16	5 55	0 32	16 33	1 14	0 48	2 23	4 28	0 34	23 33	0 15	9 25	7 26	7 53	8 30	0 33		n.a.
S 13	15 42	0 53	1 55	19 24	0 8	8 40	0 2	6 12	0 32	16 32	1 14	0 50	2 23	4 30	0 34	23 33	0 15	9 26	7 26	7 54	8 31	0 35		n.a.
M14	16 1	2n59	2 50	18 54	0n11	8 21	0n12	6 29	0 31	16 30	1 15	0 53	2 23	4 31	0 34	23 33	0 15	9 27	7 26	7 56	8 32	0 37		n.a.
T 15	16 20	6 46	3 39	18 21	0 31	8 3	0 26	6 46	0 31	16 29	1 15	0 55	2 23	4 32	0 34	23 33	0 15	9 27	7 26	7 59	8 34	0 39		n.a.
W16	16 38	10 19	4 18	17 45	0 52	7 47	0 39	7 3	0 30	16 27	1 15	0 57	2 23	4 34	0 34	23 33	0 15	9 28	7 26	8 3	8 35	0 41		n.a.
T 17	16 56	13 28	4 45	17 6	1 12	7 31	0 52	7 20	0 30	16 26	1 16	1 0	2 23	4 35	0 34	23 33	0 15	9 29	7 26	8 8	8 36	0 43		n.a.
F 18	17 14	16 4	5 0	16 26	1 32	7 18	1 4	7 37	0 29	16 25	1 16	1 2	2 23	4 36	0 34	23 33	0 15	9 30	7 26	8 13	8 37	0 45		n.a.
S 19	17 32	17 58	5 0	15 45	1 50	7 5	1 16	7 54	0 28	16 23	1 16	1 4	2 24	4 38	0 34	23 33	0 15	9 30	7 26	8 18	8 38	0 47		n.a.
S 20	17 49	19 1	4 46	15 6	2 7	6 54	1 28	8 10	0 28	16 22	1 16	1 6	2 24	4 39	0 34	23 33	0 15	9 31	7 26	8 22	8 40	0 49		n.a.
M21	18 5	19 6	4 17	14 28	2 22	6 44	1 39	8 27	0 27	16 21	1 17	1 9	2 24	4 40	0 34	23 33	0 15	9 32	7 26	8 25	8 41	0 51		n.a.
T 22	18 22	18 11	3 34	13 54	2 35	6 36	1 49	8 44	0 27	16 20	1 17	1 11	2 24	4 41	0 34	23 33	0 15	9 32	7 25	8 27	8 42	0 53		n.a.
W23	18 38	16 15	2 39	13 23	2 46	6 29	1 59	9 1	0 26	16 19	1 17	1 13	2 24	4 43	0 34	23 33	0 15	9 33	7 25	8 29	8 43	0 55		n.a.
T 24	18 54	13 23	1 34	12 57	2 54	6 23	2 9	9 17	0 26	16 18	1 18	1 15	2 24	4 44	0 34	23 33	0 15	9 34	7 25	8 29	8 44	0 57		n.a.
F 25	19 9	9 43	0 22	12 36	3 0	6 19	2 18	9 34	0 25	16 17	1 18	1 17	2 24	4 45	0 34	23 33	0 15	9 34	7 25	8 29	8 46	0 59		n.a.
S 26	19 24	5 26	0n52	12 20	3 4	6 16	2 27	9 50	0 24	16 16	1 18	1 19	2 25	4 46	0 34	23 33	0 15	9 35	7 25	8 29	8 47	1 1		n.a.
S 27	19 39	0 45	2 5	12 9	3 6	6 14	2 35	10 7	0 24	16 15	1 19	1 21	2 25	4 47	0 34	23 33	0 15	9 36	7 25	8 30	8 48	1 3		n.a.
M28	19 53	4s 3	3 11	12 3	3 6	6 13	2 43	10 23	0 23	16 14	1 19	1 23	2 25	4 48	0 34	23 33	0 15	9 37	7 25	8 31	8 49	1 5		n.a.
T 29	20 7	8 40	4 4	12 2	3 5	6 14	2 50	10 39	0 22	16 13	1 19	1 25	2 25	4 50	0 34	23 33	0 15	9 37	7 25	8 34	8 50	1 7		n.a.
W30	20s21	12s44	4n41	12s 4	3n 2	6s15	2n57	10s55	0n22	16n13	1n20	1s27	2n25	4s51	0n34	23s33	0n15	9s38	7n25	8n38	8n52	1n 9		n.a.

Julian Day Number = 1369991.5, Delta T = 06h51m30s
Ecliptic obliquity = 23°48'28, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°21'33, Lahiri = -17°14'33 Julian Calendar 1 Nov. 963 BCE == Greg. Calendar 23 Oct. 963 BCE

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ASTRODIENST EPHEMERIS for the year 963 BCE
geocentric

DECEMBER 963 BCE (-962) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 0 52	0♐30'15	1♐56	9♏53	23♎10	29♎40	20♌18	9♎14	13♎26	1♑14	15♏31	7°R58	7♍31	9♈ 4	n.a.	T 1
F 2	4 4 49	1°31'33	16°25	10°10	23°35	0♏23	20°20	9°19	13°29	1°16	15°33	7♍46	7°28	9°11	n.a.	F 2
S 3	4 8 46	2°32'51	0♑33	10°34	24° 1	1° 6	20°23	9°24	13°32	1°18	15°35	7°34	7°25	9°18	n.a.	S 3
S 4	4 12 42	3°34'07	14°15	11° 5	24°30	1°50	20°25	9°29	13°35	1°21	15°38	7°24	7°22	9°24	n.a.	S 4
M 5	4 16 39	4°35'23	27°29	11°41	25° 0	2°33	20°27	9°34	13°37	1°23	15°40	7°18	7°18	9°31	n.a.	M 5
T 6	4 20 35	5°36'39	10♒17	12°23	25°31	3°17	20°29	9°39	13°40	1°25	15°42	7°13	7°15	9°38	n.a.	T 6
W 7	4 24 32	6°37'53	22°43	13°10	26° 4	4° 0	20°31	9°44	13°43	1°27	15°44	7°12	7°12	9°44	n.a.	W 7
T 8	4 28 28	7°39'07	4♓51	14° 1	26°39	4°44	20°32	9°49	13°45	1°29	15°46	7°11	7° 9	9°51	n.a.	T 8
F 9	4 32 25	8°40'20	16°47	14°56	27°15	5°28	20°33	9°53	13°48	1°31	15°48	7°11	7° 6	9°58	n.a.	F 9
S 10	4 36 22	9°41'32	28°36	15°54	27°52	6°11	20°34	9°58	13°50	1°33	15°50	7°10	7° 3	10° 4	n.a.	S 10
S 11	4 40 18	10°42'43	10♈23	16°55	28°30	6°55	20°35	10° 3	13°53	1°35	15°52	7° 7	6°59	10°11	n.a.	S 11
M12	4 44 15	11°43'53	22°14	17°59	29°10	7°39	20°36	10° 7	13°55	1°37	15°55	7° 2	6°56	10°18	n.a.	M12
T 13	4 48 11	12°45'02	4♉13	19° 6	29°51	8°22	20°37	10°12	13°58	1°40	15°57	6°53	6°53	10°24	n.a.	T 13
W14	4 52 8	13°46'10	16°23	20°15	0♏33	9° 6	20°37	10°16	14° 0	1°42	15°59	6°42	6°50	10°31	n.a.	W14
T 15	4 56 4	14°47'17	28°46	21°26	1°16	9°50	20°R37	10°20	14° 2	1°44	16° 1	6°29	6°47	10°38	n.a.	T 15
F 16	5 0 1	15°48'23	11♊22	22°39	2° 0	10°34	20°37	10°25	14° 5	1°46	16° 3	6°15	6°43	10°44	n.a.	F 16
S 17	5 3 57	16°49'29	24°12	23°53	2°46	11°18	20°37	10°29	14° 7	1°48	16° 5	6° 1	6°40	10°51	n.a.	S 17
S 18	5 7 54	17°50'33	7♋15	25° 9	3°32	12° 1	20°36	10°33	14° 9	1°51	16° 7	5°49	6°37	10°58	n.a.	S 18
M19	5 11 51	18°51'37	20°29	26°27	4°19	12°45	20°36	10°37	14°11	1°53	16° 9	5°39	6°34	11° 4	n.a.	M19
T 20	5 15 47	19°52'39	3♌54	27°46	5° 7	13°29	20°35	10°41	14°13	1°55	16°11	5°33	6°31	11°11	n.a.	T 20
W21	5 19 44	20°53'41	17°28	29° 6	5°56	14°13	20°34	10°44	14°15	1°57	16°13	5°29	6°28	11°18	n.a.	W21
T 22	5 23 40	21°54'42	1♍11	0♐27	6°46	14°57	20°33	10°48	14°17	2° 0	16°14	5°D28	6°24	11°24	n.a.	T 22
F 23	5 27 37	22°55'42	15° 2	1°49	7°36	15°41	20°31	10°52	14°19	2° 2	16°16	5°28	6°21	11°31	n.a.	F 23
S 24	5 31 33	23°56'42	29° 3	3°13	8°27	16°26	20°30	10°55	14°21	2° 4	16°18	5°R28	6°18	11°38	n.a.	S 24
S 25	5 35 30	24°57'40	13♎13	4°37	9°19	17°10	20°28	10°59	14°23	2° 6	16°20	5°27	6°15	11°44	n.a.	S 25
M26	5 39 26	25°58'38	27°31	6° 2	10°12	17°54	20°26	11° 2	14°25	2° 9	16°22	5°23	6°12	11°51	n.a.	M26
T 27	5 43 23	26°59'34	11♏53	7°29	11° 6	18°38	20°24	11° 6	14°26	2°11	16°24	5°17	6° 9	11°58	n.a.	T 27
W28	5 47 20	28° 0'30	26°16	8°56	12° 0	19°22	20°22	11° 9	14°28	2°13	16°26	5° 8	6° 5	12° 4	n.a.	W28
T 29	5 51 16	29° 1'24	10♐34	10°24	12°54	20° 7	20°19	11°12	14°30	2°15	16°27	4°58	6° 2	12°11	n.a.	T 29
F 30	5 55 13	0♑ 2'17	24°42	11°53	13°50	20°51	20°16	11°15	14°31	2°18	16°29	4°46	5°59	12°18	n.a.	F 30
S 31	5 59 9	1♑ 3'09	8♑33	13♐22	14♏45	21♏35	20♌13	11♎18	14♎33	2♑20	16♏31	4♍36	5♍56	12♈24	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s34	15s59	4n59	12s11	2n59	6s18	3n 4	11s12	0n21	16n12	1n20	1s29	2n25	4s52	0n34	23s33	0n15	9s39	7n25	8n43	8n53	1n10			n.a.
F 2	20 47	18 11	4 57	12 21	2 54	6 21	3 10	11 28	0 21	16 12	1 20	1 31	2 26	4 53	0 34	23 33	0 15	9 39	7 25	8 47	8 54	1 12			n.a.
S 3	20 59	19 11	4 37	12 34	2 48	6 26	3 16	11 44	0 20	16 11	1 20	1 33	2 26	4 54	0 34	23 33	0 15	9 40	7 25	8 52	8 55	1 14			n.a.
S 4	21 11	19 2	4 1	12 49	2 42	6 31	3 21	11 59	0 19	16 11	1 21	1 35	2 26	4 55	0 34	23 33	0 15	9 40	7 25	8 55	8 56	1 16			n.a.
M 5	21 23	17 49	3 14	13 7	2 35	6 38	3 26	12 15	0 19	16 10	1 21	1 37	2 26	4 56	0 34	23 33	0 15	9 41	7 25	8 58	8 58	1 18			n.a.
T 6	21 34	15 44	2 17	13 27	2 28	6 45	3 31	12 31	0 18	16 10	1 21	1 39	2 26	4 57	0 34	23 33	0 15	9 42	7 25	8 59	8 59	1 20			n.a.
W 7	21 45	12 58	1 16	13 49	2 20	6 53	3 35	12 47	0 17	16 10	1 22	1 40	2 27	4 58	0 34	23 33	0 15	9 42	7 25	9 0	9 0	1 22			n.a.
T 8	21 55	9 41	0 12	14 11	2 12	7 2	3 39	13 2	0 17	16 10	1 22	1 42	2 27	4 59	0 34	23 33	0 15	9 43	7 25	9 0	9 1	1 24			n.a.
F 9	22 5	6 4	0s51	14 36	2 4	7 12	3 42	13 17	0 16	16 9	1 22	1 44	2 27	5 0	0 34	23 33	0 15	9 44	7 25	9 0	9 2	1 26			n.a.
S 10	22 15	2 15	1 51	15 1	1 55	7 22	3 46	13 33	0 15	16 9	1 23	1 45	2 27	5 1	0 34	23 33	0 15	9 44	7 25	9 1	9 4	1 28			n.a.
S 11	22 24	1n38	2 46	15 27	1 47	7 33	3 49	13 48	0 15	16 9	1 23	1 47	2 27	5 2	0 34	23 33	0 15	9 45	7 25	9 2	9 5	1 30			n.a.
M12	22 32	5 29	3 34	15 53	1 38	7 45	3 51	14 3	0 14	16 10	1 23	1 49	2 27	5 3	0 34	23 33	0 15	9 45	7 25	9 4	9 6	1 32			n.a.
T 13	22 41	9 9	4 14	16 20	1 30	7 57	3 54	14 18	0 13	16 10	1 24	1 50	2 28	5 4	0 34	23 33	0 15	9 46	7 25	9 7	9 7	1 34			n.a.
W14	22 48	12 30	4 42	16 47	1 21	8 10	3 56	14 33	0 13	16 10	1 24	1 52	2 28	5 5	0 34	23 33	0 15	9 46	7 25	9 11	9 8	1 36			n.a.
T 15	22 55	15 21	4 58	17 14	1 12	8 23	3 58	14 48	0 12	16 10	1 24	1 53	2 28	5 6	0 34	23 33	0 15	9 47	7 25	9 16	9 10	1 38			n.a.
F 16	23 2	17 33	4 59	17 41	1 4	8 37	3 59	15 2	0 11	16 10	1 25	1 55	2 28	5 7	0 34	23 33	0 15	9 48	7 25	9 22	9 11	1 40			n.a.
S 17	23 9	18 55	4 46	18 9	0 55	8 51	4 0	15 17	0 11	16 11	1 25	1 56	2 29	5 8	0 34	23 33	0 15	9 48	7 25	9 27	9 12	1 42			n.a.
S 18	23 15	19 20	4 17	18 36	0 47	9 6	4 2	15 31	0 10	16 11	1 25	1 58	2 29	5 8	0 34	23 33	0 15	9 49	7 25	9 31	9 13	1 44			n.a.
M19	23 20	18 41	3 34	19 2	0 38	9 21	4 2	15 46	0 9	16 12	1 25	1 59	2 29	5 9	0 34	23 33	0 15	9 49	7 25	9 35	9 14	1 46			n.a.
T 20	23 25	17 0	2 39	19 29	0 30	9 37	4 3	16 0	0 8	16 12	1 26	2 0	2 29	5 10	0 34	23 33	0 15	9 50	7 25	9 37	9 15	1 48			n.a.
W21	23 29	14 21	1 34	19 55	0 22	9 53	4 3	16 14	0 8	16 13	1 26	2 2	2 29	5 11	0 34	23 33	0 15	9 50	7 25	9 38	9 17	1 50			n.a.
T 22	23 33	10 52	0 23	20 20	0 14	10 9	4 3	16 28	0 7	16 14	1 26	2 3	2 30	5 11	0 34	23 33	0 15	9 51	7 25	9 39	9 18	1 52			n.a.
F 23	23 37	6 45	0n51	20 45	0 6	10 26	4 3	16 41	0 6	16 14	1 27	2 4	2 30	5 12	0 34	23 33	0 15	9 51	7 25	9 39	9 19	1 54			n.a.
S 24	23 40	2 14	2 2	21 9	0s 2	10 42	4 3	16 55	0 5	16 15	1 27	2 6	2 30	5 13	0 34	23 33	0 15	9 52	7 25	9 39	9 20	1 56			n.a.
S 25	23 43	2s27	3 6	21 33	0 10	10 59	4 3	17 9	0 5	16 16	1 27	2 7	2 30	5 14	0 34	23 33	0 15	9 52	7 25	9 39	9 21	1 58			n.a.
M26	23 45	7 1	4 0	21 56	0 17	11 17	4 2	17 22	0 4	16 17	1 28	2 8	2 30	5 14	0 34	23 33	0 15	9 53	7 25	9 41	9 23	2 0			n.a.
T 27	23 46	11 13	4 38	22 18	0 24	11 34	4 1	17 35	0 3	16 18	1 28	2 9	2 31	5 15	0 34	23 33	0 15	9 53	7 25	9 43	9 24	2 2			n.a.
W28	23 48	14 46	4 59	22 39	0 31	11 52	4 0	17 48	0 3	16 19	1 28	2 10	2 31	5 16	0 34	23 33	0 15	9 54	7 25	9 46	9 25	2 4			n.a.
T 29	23 48	17 24	5 1	22 59	0 38	12 9	3 59	18 1	0 2	16 20	1 29	2 11	2 31	5 16	0 34	23 33	0 14	9 54	7 25	9 50	9 26	2 6			n.a.
F 30	23 48	18 57	4 45	23 18	0 45	12 27	3 58	18 14	0 1	16 21	1 29	2 12	2 31	5 17	0 34	23 33	0 14	9 54	7 26	9 54	9 27	2 8			n.a.
S 31	23s48	19s20	4n12	23s36	0s51	12s45	3n56	18s26	0n 0	16n22	1n29	2s13	2n32	5s17	0n34	23s33	0n14	9s55	7n26	9n58	9n29	2n10			n.a.

Julian Day Number = 1370021.5, Delta T = 06h51m29s
Ecliptic obliquity = 23°48'28, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°21'29, Lahiri = -17°14'29 Julian Calendar 1 Dec. 963 BCE == Greg. Calendar 22 Nov. 963 BCE

The year -962 astronomical counting style corresponds to year 963 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 962 BCE
geocentric

JANUARY 962 BCE (-961) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 3 6	2♉ 4'00	22♉ 4	14♐53	15♏42	22♏20	20°R10	11♎21	14♎34	2♉22	16♏33	4°R27	5♍53	12♈31	n.a.	S 1
M 2	6 7 2	3° 4'48	5♒14	16°24	16°39	23° 4	20♌ 7	11°23	14°36	2°25	16°34	4♍21	5°49	12°38	n.a.	M 2
T 3	6 10 59	4° 5'36	18° 1	17°56	17°36	23°48	20° 4	11°26	14°37	2°27	16°36	4°17	5°46	12°44	n.a.	T 3
W 4	6 14 56	5° 6'21	0♓27	19°29	18°34	24°33	20° 0	11°29	14°39	2°29	16°38	4°D15	5°43	12°51	n.a.	W 4
T 5	6 18 52	6° 7'05	12°38	21° 3	19°32	25°17	19°56	11°31	14°40	2°31	16°39	4°16	5°40	12°58	n.a.	T 5
F 6	6 22 49	7° 7'46	24°35	22°38	20°31	26° 2	19°52	11°33	14°41	2°34	16°41	4°17	5°37	13° 4	n.a.	F 6
S 7	6 26 45	8° 8'26	6♈26	24°13	21°30	26°46	19°48	11°36	14°42	2°36	16°42	4°R17	5°34	13°11	n.a.	S 7
S 8	6 30 42	9° 9'04	18°16	25°49	22°30	27°31	19°44	11°38	14°43	2°38	16°44	4°17	5°30	13°18	n.a.	S 8
M 9	6 34 38	10° 9'41	0♉ 8	27°26	23°30	28°16	19°39	11°40	14°44	2°40	16°45	4°14	5°27	13°24	n.a.	M 9
T 10	6 38 35	11°10'15	12°10	29° 4	24°30	29° 0	19°35	11°42	14°45	2°43	16°47	4°10	5°24	13°31	n.a.	T 10
W11	6 42 31	12°10'47	24°24	0♊43	25°31	29°45	19°30	11°44	14°46	2°45	16°48	4° 3	5°21	13°38	n.a.	W11
T 12	6 46 28	13°11'18	6♊54	2°23	26°32	0♐29	19°25	11°46	14°47	2°47	16°50	3°55	5°18	13°44	n.a.	T 12
F 13	6 50 25	14°11'46	19°42	4° 3	27°34	1°14	19°20	11°47	14°48	2°49	16°51	3°46	5°15	13°51	n.a.	F 13
S 14	6 54 21	15°12'13	2♋48	5°45	28°36	1°59	19°15	11°49	14°49	2°52	16°53	3°37	5°11	13°58	n.a.	S 14
S 15	6 58 18	16°12'38	16°11	7°27	29°38	2°44	19° 9	11°50	14°50	2°54	16°54	3°29	5° 8	14° 4	n.a.	S 15
M16	7 2 14	17°13'01	29°49	9°11	0♐40	3°28	19° 4	11°52	14°50	2°56	16°55	3°22	5° 5	14°11	n.a.	M16
T 17	7 6 11	18°13'22	13♌40	10°55	1°43	4°13	18°58	11°53	14°51	2°58	16°57	3°18	5° 2	14°18	n.a.	T 17
W18	7 10 7	19°13'42	27°40	12°40	2°46	4°58	18°52	11°54	14°52	3° 1	16°58	3°D17	4°59	14°25	n.a.	W18
T 19	7 14 4	20°14'00	11♍45	14°26	3°50	5°43	18°46	11°55	14°52	3° 3	16°59	3°17	4°55	14°31	n.a.	T 19
F 20	7 18 0	21°14'16	25°54	16°14	4°53	6°28	18°40	11°56	14°53	3° 5	17° 1	3°18	4°52	14°38	n.a.	F 20
S 21	7 21 57	22°14'30	10♎ 3	18° 2	5°57	7°13	18°34	11°57	14°53	3° 7	17° 2	3°19	4°49	14°45	n.a.	S 21
S 22	7 25 54	23°14'43	24°12	19°51	7° 1	7°57	18°28	11°58	14°53	3° 9	17° 3	3°R20	4°46	14°51	n.a.	S 22
M23	7 29 50	24°14'54	8♏20	21°41	8° 6	8°42	18°21	11°59	14°54	3°12	17° 4	3°19	4°43	14°58	n.a.	M23
T 24	7 33 47	25°15'04	22°23	23°33	9°10	9°27	18°15	11°59	14°54	3°14	17° 5	3°16	4°40	15° 5	n.a.	T 24
W25	7 37 43	26°15'12	6♐21	25°25	10°15	10°12	18° 8	12° 0	14°54	3°16	17° 6	3°12	4°36	15°11	n.a.	W25
T 26	7 41 40	27°15'18	20°10	27°18	11°20	10°57	18° 1	12° 0	14°54	3°18	17° 7	3° 7	4°33	15°18	n.a.	T 26
F 27	7 45 36	28°15'23	3♑49	29°12	12°26	11°42	17°54	12° 1	14°54	3°20	17° 8	3° 1	4°30	15°25	n.a.	F 27
S 28	7 49 33	29°15'25	17°15	1♒ 7	13°31	12°27	17°47	12° 1	14°R54	3°22	17° 9	2°55	4°27	15°31	n.a.	S 28
S 29	7 53 29	0♒15'26	0♒25	3° 2	14°37	13°12	17°40	12°R 1	14°54	3°24	17°10	2°50	4°24	15°38	n.a.	S 29
M30	7 57 26	1°15'24	13°19	4°59	15°43	13°58	17°33	12° 1	14°54	3°26	17°11	2°47	4°21	15°45	n.a.	M30
T 31	8 1 23	2♒15'20	25♒56	6♒56	16♐49	14♐43	17♌26	12♎ 1	14♎54	3♉28	17♏12	2♍46	4♍17	15♈51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23s47	18s36	3n25	23s53	0s58	13s 3	3n55	18s39	0s 1	16n24	1n29	2s14	2n32	5s18	0n35	23s33	0n14	9s55	7n26	10n 2	9n30	2n12			n.a.
M 2	23 46	16 51	2 29	24 9	1 4	13 21	3 53	18 51	0 1	16 25	1 30	2 15	2 32	5 19	0 35	23 33	0 14	9 56	7 26	10 4	9 31	2 14			n.a.
T 3	23 45	14 18	1 26	24 24	1 10	13 39	3 51	19 3	0 2	16 26	1 30	2 16	2 32	5 19	0 35	23 33	0 14	9 56	7 26	10 5	9 32	2 16			n.a.
W 4	23 42	11 10	0 20	24 38	1 15	13 57	3 49	19 15	0 3	16 28	1 30	2 16	2 33	5 20	0 35	23 33	0 14	9 56	7 26	10 6	9 33	2 18			n.a.
T 5	23 40	7 37	0s45	24 50	1 20	14 15	3 47	19 26	0 4	16 29	1 31	2 17	2 33	5 20	0 35	23 33	0 14	9 57	7 26	10 6	9 34	2 19			n.a.
F 6	23 37	3 49	1 47	25 1	1 25	14 33	3 44	19 38	0 4	16 31	1 31	2 18	2 33	5 21	0 35	23 33	0 14	9 57	7 26	10 5	9 36	2 21			n.a.
S 7	23 33	0n 6	2 44	25 11	1 30	14 51	3 42	19 49	0 5	16 32	1 31	2 18	2 33	5 21	0 35	23 33	0 14	9 57	7 26	10 5	9 37	2 23			n.a.
S 8	23 29	3 59	3 34	25 19	1 35	15 9	3 39	20 0	0 6	16 34	1 31	2 19	2 34	5 21	0 35	23 32	0 14	9 58	7 26	10 5	9 38	2 25			n.a.
M 9	23 25	7 44	4 15	25 26	1 39	15 27	3 37	20 11	0 7	16 36	1 32	2 20	2 34	5 22	0 35	23 32	0 14	9 58	7 26	10 6	9 39	2 27			n.a.
T 10	23 20	11 12	4 45	25 31	1 43	15 44	3 34	20 22	0 8	16 38	1 32	2 20	2 34	5 22	0 35	23 32	0 14	9 58	7 26	10 8	9 40	2 29			n.a.
W11	23 14	14 16	5 2	25 34	1 46	16 1	3 31	20 33	0 8	16 39	1 32	2 21	2 34	5 22	0 35	23 32	0 14	9 59	7 27	10 10	9 42	2 31			n.a.
T 12	23 9	16 46	5 6	25 36	1 49	16 19	3 28	20 43	0 9	16 41	1 32	2 21	2 35	5 23	0 35	23 32	0 14	9 59	7 27	10 14	9 43	2 33			n.a.
F 13	23 2	18 30	4 55	25 37	1 52	16 36	3 25	20 53	0 10	16 43	1 33	2 22	2 35	5 23	0 35	23 32	0 14	9 59	7 27	10 17	9 44	2 35			n.a.
S 14	22 56	19 18	4 28	25 35	1 55	16 53	3 22	21 3	0 11	16 45	1 33	2 22	2 35	5 23	0 35	23 32	0 14	10 0	7 27	10 20	9 45	2 37			n.a.
S 15	22 48	19 4	3 46	25 32	1 57	17 9	3 18	21 13	0 12	16 47	1 33	2 22	2 35	5 24	0 35	23 32	0 14	10 0	7 27	10 23	9 46	2 39			n.a.
M16	22 41	17 43	2 51	25 27	1 58	17 26	3 15	21 23	0 13	16 49	1 33	2 23	2 36	5 24	0 35	23 32	0 14	10 0	7 27	10 25	9 47	2 41			n.a.
T 17	22 33	15 19	1 44	25 20	2 0	17 42	3 11	21 32	0 13	16 51	1 34	2 23	2 36	5 24	0 35	23 32	0 14	10 1	7 27	10 27	9 49	2 43			n.a.
W18	22 24	12 0	0 30	25 12	2 1	17 58	3 8	21 41	0 14	16 53	1 34	2 23	2 36	5 24	0 35	23 32	0 14	10 1	7 27	10 27	9 50	2 45			n.a.
T 19	22 15	7 58	0n46	25 1	2 1	18 13	3 4	21 50	0 15	16 55	1 34	2 24	2 36	5 25	0 35	23 32	0 14	10 1	7 27	10 27	9 51	2 47			n.a.
F 20	22 6	3 29	2 0	24 48	2 1	18 29	3 1	21 59	0 16	16 57	1 34	2 24	2 37	5 25	0 35	23 32	0 14	10 1	7 28	10 27	9 52	2 49			n.a.
S 21	21 56	1s12	3 6	24 34	2 1	18 44	2 57	22 7	0 17	16 59	1 35	2 24	2 37	5 25	0 35	23 32	0 14	10 1	7 28	10 26	9 53	2 51			n.a.
S 22	21 46	5 47	4 1	24 17	2 0	18 58	2 53	22 16	0 18	17 2	1 35	2 24	2 37	5 25	0 35	23 32	0 14	10 2	7 28	10 26	9 55	2 53			n.a.
M23	21 36	10 3	4 42	23 59	1 58	19 13	2 49	22 24	0 19	17 4	1 35	2 24	2 37	5 25	0 35	23 32	0 14	10 2	7 28	10 27	9 56	2 55			n.a.
T 24	21 25	13 44	5 5	23 38	1 56	19 26	2 45	22 32	0 19	17 6	1 35	2 24	2 38	5 25	0 35	23 32	0 14	10 2	7 28	10 28	9 57	2 57			n.a.
W25	21 13	16 36	5 10	23 15	1 54	19 40	2 42	22 39	0 20	17 8	1 35	2 24	2 38	5 25	0 35	23 32	0 14	10 2	7 28	10 29	9 58	2 59			n.a.
T 26	21 2	18 30	4 57	22 50	1 51	19 53	2 38	22 47	0 21	17 11	1 36	2 24	2 38	5 25	0 35	23 32	0 14	10 2	7 28	10 31	9 59	3 1			n.a.
F 27	20 50	19 18	4 27	22 23	1 47	20 6	2 33	22 54	0 22	17 13	1 36	2 24	2 38	5 25	0 35	23 32	0 14	10 3	7 28	10 33	10 0	3 3			n.a.
S 28	20 37	18 59	3 43	21 54	1 43	20 18	2 29	23 1	0 23	17 15	1 36	2 24	2 39	5 25	0 35	23 32	0 14	10 3	7 29	10 35	10 2	3 5			n.a.
S 29	20 24	17 39	2 48	21 22	1 38	20 30	2 25	23 8	0 24	17 18	1 36	2 23	2 39	5 25	0 35	23 32	0 14	10 3	7 29	10 37	10 3	3 7			n.a.
M30	20 11	15 25	1 44	20 49	1 33	20 41	2 21	23 14	0 25	17 20	1 36	2 23	2 39	5 25	0 35	23 32	0 14	10 3	7 29	10 38	10 4	3 9			n.a.
T 31	19s58	12s29	0n37	20s14	1s27	20s52	2n17	23s20	0s26	17n23	1n37	2s23	2n39	5s25	0n35	23s32	0n14	10s 3	7n29	10n39	10n 5	3n11			n.a.

Julian Day Number = 1370052.5, Delta T = 06h51m27s
Ecliptic obliquity = 23°48'27, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°21'25, Lahiri = -17°14'25 Julian Calendar 1 Jan. 962 BCE == Greg. Calendar 23 Dec. 963 BCE

The year -961 astronomical counting style corresponds to year 962 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 962 BCE
geocentric

FEBRUARY 962 BCE (-961) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 5 19	3♒15'14	8♓17	8♒53	17♐55	15♐28	17°R19	12°R 1	14°R54	3♑30	17♏13	2°D46	4♍14	15♈58	n.a.	W 1
T 2	8 9 16	4°15'06	20°25	10°50	19° 1	16°13	17♌11	12♎ 0	14♎54	3°32	17°14	2♍47	4°11	16° 5	n.a.	T 2
F 3	8 13 12	5°14'56	2♈23	12°48	20° 8	16°58	17° 4	12° 0	14°53	3°34	17°15	2°48	4° 8	16°11	n.a.	F 3
S 4	8 17 9	6°14'43	14°15	14°45	21°15	17°43	16°56	11°59	14°53	3°36	17°15	2°50	4° 5	16°18	n.a.	S 4
S 5	8 21 5	7°14'27	26° 5	16°42	22°21	18°28	16°49	11°59	14°53	3°38	17°16	2°52	4° 1	16°25	n.a.	S 5
M 6	8 25 2	8°14'10	7♉58	18°39	23°28	19°14	16°41	11°58	14°52	3°40	17°17	2°R52	3°58	16°31	n.a.	M 6
T 7	8 28 58	9°13'50	19°59	20°34	24°36	19°59	16°34	11°57	14°52	3°42	17°18	2°52	3°55	16°38	n.a.	T 7
W 8	8 32 55	10°13'27	2♊13	22°28	25°43	20°44	16°26	11°56	14°51	3°44	17°18	2°50	3°52	16°45	n.a.	W 8
T 9	8 36 51	11°13'03	14°44	24°20	26°50	21°29	16°18	11°55	14°51	3°46	17°19	2°47	3°49	16°51	n.a.	T 9
F 10	8 40 48	12°12'35	27°36	26°10	27°58	22°14	16°11	11°54	14°50	3°48	17°19	2°45	3°46	16°58	n.a.	F 10
S 11	8 44 45	13°12'06	10♋49	27°57	29° 6	23° 0	16° 3	11°53	14°49	3°50	17°20	2°42	3°42	17° 5	n.a.	S 11
S 12	8 48 41	14°11'34	24°25	29°41	0♑13	23°45	15°55	11°52	14°48	3°52	17°20	2°39	3°39	17°12	n.a.	S 12
M13	8 52 38	15°11'00	8♌22	1♓21	1°21	24°30	15°47	11°50	14°48	3°54	17°21	2°37	3°36	17°18	n.a.	M13
T 14	8 56 34	16°10'24	22°36	2°58	2°29	25°15	15°40	11°49	14°47	3°55	17°21	2°36	3°33	17°25	n.a.	T 14
W15	9 0 31	17° 9'45	7♍ 3	4°30	3°38	26° 1	15°32	11°47	14°46	3°57	17°22	2°D36	3°30	17°32	n.a.	W15
T 16	9 4 27	18° 9'04	21°36	5°57	4°46	26°46	15°24	11°46	14°45	3°59	17°22	2°36	3°27	17°38	n.a.	T 16
F 17	9 8 24	19° 8'22	6♎11	7°18	5°54	27°31	15°16	11°44	14°44	4° 1	17°23	2°37	3°23	17°45	n.a.	F 17
S 18	9 12 20	20° 7'37	20°42	8°34	7° 3	28°17	15° 9	11°42	14°43	4° 2	17°23	2°38	3°20	17°52	n.a.	S 18
S 19	9 16 17	21° 6'50	5♏ 4	9°44	8°11	29° 2	15° 1	11°40	14°42	4° 4	17°23	2°39	3°17	17°58	n.a.	S 19
M20	9 20 13	22° 6'02	19°15	10°48	9°20	29°47	14°53	11°38	14°41	4° 6	17°23	2°R39	3°14	18° 5	n.a.	M20
T 21	9 24 10	23° 5'12	3♐13	11°45	10°29	0♑33	14°46	11°36	14°39	4° 8	17°24	2°39	3°11	18°12	n.a.	T 21
W22	9 28 7	24° 4'20	16°56	12°36	11°38	1°18	14°38	11°34	14°38	4° 9	17°24	2°39	3° 7	18°18	n.a.	W22
T 23	9 32 3	25° 3'26	0♑25	13°19	12°47	2° 3	14°30	11°31	14°37	4°11	17°24	2°38	3° 4	18°25	n.a.	T 23
F 24	9 36 0	26° 2'30	13°39	13°56	13°56	2°49	14°23	11°29	14°36	4°12	17°24	2°37	3° 1	18°32	n.a.	F 24
S 25	9 39 56	27° 1'32	26°39	14°25	15° 5	3°34	14°15	11°27	14°34	4°14	17°24	2°36	2°58	18°38	n.a.	S 25
S 26	9 43 53	28° 0'32	9♒26	14°47	16°14	4°20	14° 8	11°24	14°33	4°15	17°24	2°36	2°55	18°45	n.a.	S 26
M27	9 47 49	28°59'30	22° 0	15° 2	17°24	5° 5	14° 1	11°21	14°31	4°17	17°R24	2°35	2°52	18°52	n.a.	M27
T 28	9 51 46	29♒58'26	4♓22	15♓10	18♑33	5♑50	13♌53	11♎19	14♎30	4♑18	17♏24	2°D35	2♍48	18♈58	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s44	9s 3	0s30	19s36	1s20	21s 3	2n13	23s26	0s26	17n25	1n37	2s23	2n40	5s25	0n35	23s31	0n14	10s 3	7n29	10n39	10n 6	3n13		n.a.
T 2	19 29	5 19	1 35	18 57	1 13	21 13	2 8	23 32	0 27	17 27	1 37	2 22	2 40	5 25	0 35	23 31	0 14	10 3	7 29	10 38	10 7	3 15		n.a.
F 3	19 15	1 25	2 36	18 16	1 5	21 22	2 4	23 38	0 28	17 30	1 37	2 22	2 40	5 25	0 35	23 31	0 14	10 3	7 29	10 38	10 9	3 17		n.a.
S 4	19 0	2n30	3 29	17 33	0 57	21 31	2 0	23 43	0 29	17 32	1 37	2 21	2 40	5 25	0 35	23 31	0 14	10 3	7 30	10 37	10 10	3 19		n.a.
S 5	18 45	6 18	4 13	16 49	0 47	21 40	1 56	23 48	0 30	17 35	1 37	2 21	2 41	5 24	0 35	23 31	0 14	10 4	7 30	10 37	10 11	3 21		n.a.
M 6	18 29	9 52	4 46	16 4	0 38	21 47	1 51	23 53	0 31	17 37	1 37	2 20	2 41	5 24	0 35	23 31	0 14	10 4	7 30	10 36	10 12	3 23		n.a.
T 7	18 13	13 5	5 7	15 17	0 27	21 55	1 47	23 57	0 32	17 40	1 37	2 20	2 41	5 24	0 35	23 31	0 14	10 4	7 30	10 37	10 13	3 25		n.a.
W 8	17 57	15 47	5 15	14 29	0 16	22 2	1 43	24 1	0 33	17 42	1 38	2 19	2 41	5 24	0 35	23 31	0 14	10 4	7 30	10 37	10 15	3 27		n.a.
T 9	17 41	17 49	5 8	13 41	0 5	22 8	1 38	24 5	0 34	17 45	1 38	2 19	2 42	5 24	0 35	23 31	0 14	10 4	7 30	10 38	10 16	3 29		n.a.
F 10	17 24	19 1	4 46	12 52	0n 7	22 14	1 34	24 9	0 35	17 47	1 38	2 18	2 42	5 23	0 35	23 31	0 14	10 4	7 30	10 39	10 17	3 31		n.a.
S 11	17 7	19 14	4 8	12 4	0 20	22 19	1 30	24 13	0 35	17 49	1 38	2 17	2 42	5 23	0 36	23 31	0 14	10 4	7 31	10 40	10 18	3 33		n.a.
S 12	16 49	18 21	3 16	11 15	0 32	22 23	1 25	24 16	0 36	17 52	1 38	2 17	2 42	5 23	0 36	23 31	0 14	10 4	7 31	10 41	10 19	3 35		n.a.
M13	16 32	16 22	2 10	10 27	0 45	22 27	1 21	24 19	0 37	17 54	1 38	2 16	2 42	5 22	0 36	23 31	0 14	10 4	7 31	10 42	10 20	3 37		n.a.
T 14	16 14	13 20	0 55	9 40	0 59	22 30	1 17	24 21	0 38	17 57	1 38	2 15	2 43	5 22	0 36	23 31	0 14	10 4	7 31	10 42	10 22	3 39		n.a.
W15	15 56	9 26	0n25	8 54	1 12	22 33	1 12	24 24	0 39	17 59	1 38	2 14	2 43	5 22	0 36	23 31	0 14	10 4	7 31	10 42	10 23	3 41		n.a.
T 16	15 37	4 57	1 43	8 9	1 25	22 35	1 8	24 26	0 40	18 2	1 38	2 13	2 43	5 21	0 36	23 31	0 14	10 4	7 31	10 42	10 24	3 43		n.a.
F 17	15 19	0 11	2 56	7 27	1 38	22 37	1 4	24 28	0 41	18 4	1 38	2 12	2 43	5 21	0 36	23 31	0 14	10 4	7 31	10 42	10 25	3 45		n.a.
S 18	15 0	4s34	3 56	6 46	1 51	22 38	1 0	24 30	0 42	18 6	1 38	2 12	2 44	5 20	0 36	23 31	0 14	10 4	7 32	10 42	10 26	3 47		n.a.
S 19	14 41	9 0	4 41	6 8	2 4	22 38	0 55	24 31	0 43	18 9	1 38	2 11	2 44	5 20	0 36	23 31	0 14	10 3	7 32	10 41	10 27	3 49		n.a.
M20	14 21	12 52	5 8	5 32	2 16	22 37	0 51	24 32	0 44	18 11	1 38	2 10	2 44	5 19	0 36	23 31	0 14	10 3	7 32	10 41	10 29	3 51		n.a.
T 21	14 2	15 56	5 17	5 0	2 27	22 37	0 47	24 33	0 45	18 13	1 38	2 9	2 44	5 19	0 36	23 31	0 14	10 3	7 32	10 41	10 30	3 53		n.a.
W22	13 42	18 3	5 7	4 30	2 38	22 35	0 43	24 34	0 46	18 16	1 38	2 7	2 44	5 18	0 36	23 31	0 14	10 3	7 32	10 41	10 31	3 55		n.a.
T 23	13 22	19 8	4 41	4 4	2 49	22 33	0 39	24 34	0 47	18 18	1 38	2 6	2 45	5 18	0 36	23 30	0 14	10 3	7 32	10 42	10 32	3 57		n.a.
F 24	13 2	19 7	3 59	3 41	2 58	22 30	0 34	24 34	0 48	18 20	1 38	2 5	2 45	5 17	0 36	23 30	0 14	10 3	7 32	10 42	10 33	3 59		n.a.
S 25	12 41	18 6	3 7	3 22	3 7	22 26	0 30	24 34	0 48	18 22	1 38	2 4	2 45	5 17	0 36	23 30	0 14	10 3	7 33	10 42	10 34	4 1		n.a.
S 26	12 21	16 9	2 5	3 6	3 14	22 22	0 26	24 34	0 49	18 24	1 38	2 3	2 45	5 16	0 36	23 30	0 14	10 3	7 33	10 42	10 36	4 3		n.a.
M27	12 0	13 28	0 59	2 55	3 20	22 17	0 22	24 33	0 50	18 27	1 38	2 2	2 45	5 16	0 36	23 30	0 14	10 3	7 33	10 43	10 37	4 5		n.a.
T 28	11s39	10s13	0s10	2s47	3n26	22s12	0n18	24s32	0s51	18n29	1n38	2s 0	2n46	5s15	0n36	23s30	0n14	10s 3	7n33	10n43	10n38	4n 7		n.a.

Julian Day Number = 1370083.5, Delta T = 06h51m26s
Ecliptic obliquity = 23°48'28, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°21'21, Lahiri = -17°14'20 Julian Calendar 1 Feb. 962 BCE == Greg. Calendar 23 Jan. 962 BCE

The year -961 astronomical counting style corresponds to year 962 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 962 BCE
geocentric

MARCH 962 BCE (-961) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 55 42	0♓57'20	16♓33	15°R11	19♑42	6♑36	13°R46	11°R16	14°R28	4♑20	17°R24	2♍35	2♍45	19♈ 5	n.a.	W 1
T 2	9 59 39	1°56'11	28°34	15♓ 5	20°52	7°21	13♌39	11♎13	14♎27	4°21	17♏24	2°36	2°42	19°12	n.a.	T 2
F 3	10 3 35	2°55'00	10♈29	14°53	22° 2	8° 6	13°32	11°10	14°25	4°23	17°24	2°R36	2°39	19°19	n.a.	F 3
S 4	10 7 32	3°53'47	22°20	14°35	23°11	8°52	13°25	11° 7	14°23	4°24	17°24	2°35	2°36	19°25	n.a.	S 4
S 5	10 11 29	4°52'32	4♉10	14°11	24°21	9°37	13°18	11° 4	14°22	4°25	17°24	2°35	2°32	19°32	n.a.	S 5
M 6	10 15 25	5°51'14	16° 4	13°42	25°31	10°22	13°12	11° 1	14°20	4°27	17°24	2°35	2°29	19°39	n.a.	M 6
T 7	10 19 22	6°49'54	28° 4	13° 9	26°41	11° 8	13° 5	10°58	14°18	4°28	17°23	2°35	2°26	19°45	n.a.	T 7
W 8	10 23 18	7°48'32	10♊16	12°32	27°51	11°53	12°58	10°54	14°16	4°29	17°23	2°D35	2°23	19°52	n.a.	W 8
T 9	10 27 15	8°47'07	22°44	11°52	29° 0	12°38	12°52	10°51	14°15	4°31	17°23	2°35	2°20	19°59	n.a.	T 9
F 10	10 31 11	9°45'40	5♋33	11°10	0♒11	13°24	12°46	10°47	14°13	4°32	17°23	2°35	2°17	20° 5	n.a.	F 10
S 11	10 35 8	10°44'11	18°45	10°26	1°21	14° 9	12°40	10°44	14°11	4°33	17°22	2°36	2°13	20°12	n.a.	S 11
S 12	10 39 4	11°42'39	2♌22	9°42	2°31	14°54	12°34	10°40	14° 9	4°34	17°22	2°37	2°10	20°19	n.a.	S 12
M13	10 43 1	12°41'06	16°25	8°59	3°41	15°40	12°28	10°37	14° 7	4°35	17°21	2°38	2° 7	20°25	n.a.	M13
T 14	10 46 58	13°39'30	0♍52	8°16	4°51	16°25	12°22	10°33	14° 5	4°36	17°21	2°R38	2° 4	20°32	n.a.	T 14
W15	10 50 54	14°37'51	15°37	7°35	6° 1	17°10	12°16	10°29	14° 3	4°37	17°21	2°38	2° 1	20°39	n.a.	W15
T 16	10 54 51	15°36'11	0♎34	6°57	7°12	17°55	12°11	10°26	14° 1	4°38	17°20	2°37	1°58	20°45	n.a.	T 16
F 17	10 58 47	16°34'29	15°34	6°22	8°22	18°41	12° 5	10°22	13°59	4°39	17°19	2°35	1°54	20°52	n.a.	F 17
S 18	11 2 44	17°32'46	0♏29	5°50	9°33	19°26	12° 0	10°18	13°56	4°40	17°19	2°34	1°51	20°59	n.a.	S 18
S 19	11 6 40	18°31'00	15°12	5°22	10°43	20°11	11°55	10°14	13°54	4°41	17°18	2°32	1°48	21° 6	n.a.	S 19
M20	11 10 37	19°29'13	29°37	4°59	11°54	20°56	11°50	10°10	13°52	4°42	17°18	2°30	1°45	21°12	n.a.	M20
T 21	11 14 33	20°27'24	13♐40	4°40	13° 4	21°42	11°45	10° 6	13°50	4°43	17°17	2°30	1°42	21°19	n.a.	T 21
W22	11 18 30	21°25'34	27°21	4°26	14°15	22°27	11°41	10° 2	13°48	4°44	17°16	2°D29	1°38	21°26	n.a.	W22
T 23	11 22 26	22°23'43	10♑41	4°17	15°26	23°12	11°36	9°58	13°45	4°45	17°16	2°30	1°35	21°32	n.a.	T 23
F 24	11 26 23	23°21'49	23°40	4°D13	16°37	23°57	11°32	9°54	13°43	4°46	17°15	2°32	1°32	21°39	n.a.	F 24
S 25	11 30 20	24°19'54	6♒23	4°13	17°47	24°42	11°28	9°50	13°41	4°46	17°14	2°33	1°29	21°46	n.a.	S 25
S 26	11 34 16	25°17'58	18°51	4°19	18°58	25°27	11°24	9°45	13°38	4°47	17°13	2°34	1°26	21°52	n.a.	S 26
M27	11 38 13	26°16'00	1♓ 8	4°29	20° 9	26°13	11°20	9°41	13°36	4°48	17°13	2°R35	1°23	21°59	n.a.	M27
T 28	11 42 9	27°14'00	13°16	4°44	21°20	26°58	11°16	9°37	13°34	4°49	17°12	2°35	1°19	22° 6	n.a.	T 28
W29	11 46 6	28°11'58	25°16	5° 4	22°31	27°43	11°13	9°33	13°31	4°49	17°11	2°33	1°16	22°12	n.a.	W29
T 30	11 50 2	29° 9'55	7♈11	5°28	23°42	28°28	11° 9	9°28	13°29	4°50	17°10	2°30	1°13	22°19	n.a.	T 30
F 31	11 53 59	0♈ 7'50	19♈ 2	5♓56	24♒53	29♑13	11♌ 6	9♎24	13♎27	4♑50	17♏ 9	2♍26	1♍10	22♈26	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s18	6s34	1s17	2s43	3n29	22s 6	0n14	24s31	0s52	18n31	1n38	1s59	2n46	5s14	0n36	23s30	0n14	10s 2	7n33	10n43	10n39	4n 9		n.a.
T 2	10 57	2 42	2 19	2 43	3 32	21 59	0 10	24 29	0 53	18 33	1 38	1 58	2 46	5 14	0 36	23 30	0 14	10 2	7 33	10 43	10 40	4 11		n.a.
F 3	10 35	1n14	3 15	2 47	3 32	21 52	0 7	24 27	0 54	18 35	1 38	1 57	2 46	5 13	0 36	23 30	0 14	10 2	7 33	10 43	10 41	4 13		n.a.
S 4	10 14	5 5	4 3	2 55	3 32	21 44	0 3	24 25	0 55	18 37	1 38	1 55	2 46	5 12	0 36	23 30	0 14	10 2	7 34	10 43	10 42	4 15		n.a.
S 5	9 52	8 44	4 39	3 6	3 30	21 36	0s 1	24 23	0 56	18 39	1 38	1 54	2 46	5 12	0 36	23 30	0 14	10 2	7 34	10 43	10 44	4 17		n.a.
M 6	9 30	12 2	5 4	3 21	3 26	21 26	0 5	24 20	0 57	18 41	1 38	1 52	2 47	5 11	0 36	23 30	0 14	10 2	7 34	10 43	10 45	4 19		n.a.
T 7	9 8	14 54	5 16	3 39	3 20	21 17	0 8	24 18	0 58	18 43	1 38	1 51	2 47	5 10	0 36	23 30	0 14	10 1	7 34	10 43	10 46	4 21		n.a.
W 8	8 46	17 9	5 15	4 0	3 13	21 6	0 12	24 15	0 59	18 44	1 38	1 50	2 47	5 10	0 36	23 30	0 14	10 1	7 34	10 43	10 47	4 23		n.a.
T 9	8 24	18 39	4 58	4 23	3 5	20 55	0 15	24 11	1 0	18 46	1 38	1 48	2 47	5 9	0 36	23 30	0 14	10 1	7 34	10 43	10 48	4 24		n.a.
F 10	8 2	19 15	4 27	4 48	2 55	20 44	0 19	24 8	1 1	18 48	1 38	1 47	2 47	5 8	0 36	23 30	0 14	10 1	7 34	10 43	10 49	4 26		n.a.
S 11	7 39	18 50	3 40	5 15	2 43	20 32	0 22	24 4	1 2	18 50	1 38	1 45	2 47	5 7	0 36	23 30	0 14	10 1	7 35	10 42	10 51	4 28		n.a.
S 12	7 17	17 20	2 40	5 44	2 31	20 19	0 26	24 0	1 3	18 51	1 37	1 44	2 47	5 7	0 36	23 30	0 14	10 0	7 35	10 42	10 52	4 30		n.a.
M13	6 54	14 45	1 29	6 13	2 17	20 6	0 29	23 55	1 4	18 53	1 37	1 42	2 48	5 6	0 36	23 30	0 14	10 0	7 35	10 42	10 53	4 32		n.a.
T 14	6 31	11 11	0 10	6 42	2 3	19 52	0 32	23 51	1 4	18 54	1 37	1 40	2 48	5 5	0 36	23 30	0 14	10 0	7 35	10 42	10 54	4 34		n.a.
W15	6 8	6 51	1n11	7 12	1 48	19 38	0 35	23 46	1 5	18 56	1 37	1 39	2 48	5 4	0 36	23 30	0 14	10 0	7 35	10 42	10 55	4 36		n.a.
T 16	5 46	2 2	2 29	7 41	1 32	19 23	0 39	23 41	1 6	18 57	1 37	1 37	2 48	5 3	0 36	23 30	0 14	9 59	7 35	10 42	10 56	4 38		n.a.
F 17	5 23	2s54	3 36	8 9	1 16	19 7	0 42	23 36	1 7	18 59	1 37	1 36	2 48	5 3	0 36	23 30	0 14	9 59	7 35	10 43	10 58	4 40		n.a.
S 18	5 0	7 38	4 28	8 36	1 0	18 51	0 45	23 30	1 8	19 0	1 37	1 34	2 48	5 2	0 36	23 30	0 14	9 59	7 35	10 43	10 59	4 42		n.a.
S 19	4 37	11 50	5 2	9 1	0 43	18 35	0 48	23 24	1 9	19 1	1 37	1 32	2 48	5 1	0 36	23 30	0 14	9 58	7 36	10 44	11 0	4 44		n.a.
M20	4 13	15 14	5 16	9 25	0 27	18 17	0 50	23 18	1 10	19 3	1 36	1 31	2 48	5 0	0 36	23 30	0 14	9 58	7 36	10 44	11 1	4 46		n.a.
T 21	3 50	17 40	5 10	9 46	0 11	18 0	0 53	23 12	1 11	19 4	1 36	1 29	2 49	4 59	0 36	23 30	0 14	9 58	7 36	10 45	11 2	4 48		n.a.
W22	3 27	19 0	4 47	10 6	0s 5	17 42	0 56	23 5	1 12	19 5	1 36	1 27	2 49	4 58	0 36	23 30	0 14	9 58	7 36	10 45	11 3	4 50		n.a.
T 23	3 4	19 14	4 9	10 24	0 20	17 23	0 59	22 59	1 13	19 6	1 36	1 26	2 49	4 57	0 36	23 29	0 14	9 57	7 36	10 44	11 4	4 52		n.a.
F 24	2 40	18 26	3 19	10 39	0 34	17 4	1 1	22 52	1 14	19 7	1 36	1 24	2 49	4 56	0 36	23 29	0 14	9 57	7 36	10 44	11 6	4 54		n.a.
S 25	2 17	16 43	2 20	10 52	0 48	16 45	1 4	22 44	1 15	19 8	1 36	1 22	2 49	4 55	0 36	23 29	0 14	9 57	7 36	10 43	11 7	4 56		n.a.
S 26	1 54	14 13	1 15	11 2	1 2	16 25	1 6	22 37	1 16	19 9	1 36	1 20	2 49	4 55	0 36	23 29	0 14	9 56	7 36	10 43	11 8	4 58		n.a.
M27	1 30	11 7	0 8	11 10	1 15	16 4	1 8	22 29	1 17	19 10	1 35	1 19	2 49	4 54	0 36	23 29	0 14	9 56	7 36	10 43	11 9	5 0		n.a.
T 28	1 7	7 34	0s58	11 16	1 27	15 43	1 11	22 21	1 17	19 11	1 35	1 17	2 49	4 53	0 36	23 29	0 14	9 56	7 36	10 43	11 10	5 2		n.a.
W29	0 44	3 46	2 2	11 19	1 38	15 22	1 13	22 13	1 18	19 12	1 35	1 15	2 49	4 52	0 36	23 29	0 14	9 55	7 37	10 44	11 11	5 4		n.a.
T 30	0 20	0n10	2 59	11 20	1 48	15 0	1 15	22 5	1 19	19 13	1 35	1 13	2 49	4 51	0 36	23 29	0 14	9 55	7 37	10 45	11 12	5 6		n.a.
F 31	0n 3	4n 4	3s48	11s18	1s58	14s38	1s17	21s56	1s20	19n13	1n35	1s12	2n49	4s50	0n36	23s29	0n14	9s55	7n37	10n46	11n14	5n 8		n.a.

Julian Day Number = 1370111.5, Delta T = 06h51m24s
Ecliptic obliquity = 23°48'28, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°21'17, Lahiri = -17°14'17 Julian Calendar 1 March 962 BCE == Greg. Calendar 20 Feb. 962 BCE

The year -961 astronomical counting style corresponds to year 962 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 962 BCE
geocentric

APRIL 962 BCE (-961) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 57 55	1♈ 5'43	0♉52	6♓28	26♒ 4	29♉58	11°R 3	9°R20	13°R24	4♉51	17°R 8	2°R21	1♍ 7	22♈33	n.a.	S 1
S 2	12 1 52	2° 3'35	12°43	7° 5	27°15	0♒43	11♌ 0	9♎15	13♎22	4°51	17♏ 7	2♍16	1° 3	22°39	n.a.	S 2
M 3	12 5 48	3° 1'24	24°38	7°45	28°26	1°27	10°58	9°11	13°19	4°52	17° 6	2°11	1° 0	22°46	n.a.	M 3
T 4	12 9 45	3°59'12	6♊39	8°29	29°38	2°12	10°55	9° 6	13°17	4°52	17° 5	2° 7	0°57	22°53	n.a.	T 4
W 5	12 13 42	4°56'59	18°50	9°16	0♓49	2°57	10°53	9° 2	13°14	4°53	17° 4	2° 4	0°54	22°59	n.a.	W 5
T 6	12 17 38	5°54'43	1♋16	10° 7	2° 0	3°42	10°51	8°57	13°12	4°53	17° 3	2°D 3	0°51	23° 6	n.a.	T 6
F 7	12 21 35	6°52'26	13°59	11° 1	3°11	4°27	10°49	8°53	13° 9	4°53	17° 2	2° 3	0°48	23°13	n.a.	F 7
S 8	12 25 31	7°50'06	27° 5	11°59	4°23	5°11	10°47	8°49	13° 7	4°54	17° 1	2° 4	0°44	23°19	n.a.	S 8
S 9	12 29 28	8°47'45	10♌36	12°59	5°34	5°56	10°46	8°44	13° 4	4°54	17° 0	2° 6	0°41	23°26	n.a.	S 9
M10	12 33 24	9°45'23	24°35	14° 3	6°45	6°41	10°45	8°40	13° 2	4°54	16°59	2° 7	0°38	23°33	n.a.	M10
T 11	12 37 21	10°42'58	9♍ 0	15° 9	7°57	7°25	10°43	8°35	12°59	4°54	16°57	2°R 7	0°35	23°39	n.a.	T 11
W12	12 41 17	11°40'32	23°50	16°19	9° 8	8°10	10°42	8°31	12°57	4°55	16°56	2° 5	0°32	23°46	n.a.	W12
T 13	12 45 14	12°38'05	8♎57	17°31	10°19	8°54	10°42	8°26	12°54	4°55	16°55	2° 2	0°29	23°53	n.a.	T 13
F 14	12 49 11	13°35'36	24°12	18°45	11°31	9°39	10°41	8°22	12°52	4°55	16°54	1°57	0°25	24° 0	n.a.	F 14
S 15	12 53 7	14°33'06	9♏25	20° 3	12°42	10°23	10°41	8°18	12°49	4°55	16°53	1°51	0°22	24° 6	n.a.	S 15
S 16	12 57 4	15°30'35	24°26	21°23	13°54	11° 8	10°40	8°13	12°47	4°55	16°51	1°44	0°19	24°13	n.a.	S 16
M17	13 1 0	16°28'03	9♐ 7	22°45	15° 6	11°52	10°D40	8° 9	12°44	4°R55	16°50	1°39	0°16	24°20	n.a.	M17
T 18	13 4 57	17°25'29	23°21	24°10	16°17	12°36	10°40	8° 4	12°42	4°55	16°49	1°35	0°13	24°26	n.a.	T 18
W19	13 8 53	18°22'55	7♑ 8	25°37	17°29	13°21	10°41	8° 0	12°39	4°55	16°47	1°33	0° 9	24°33	n.a.	W19
T 20	13 12 50	19°20'21	20°28	27° 7	18°40	14° 5	10°41	7°56	12°37	4°55	16°46	1°D32	0° 6	24°40	n.a.	T 20
F 21	13 16 46	20°17'45	3♒23	28°40	19°52	14°49	10°42	7°51	12°34	4°55	16°45	1°33	0° 3	24°46	n.a.	F 21
S 22	13 20 43	21°15'08	15°58	0♈14	21° 4	15°33	10°42	7°47	12°32	4°55	16°43	1°34	29♌59	24°53	n.a.	S 22
S 23	13 24 40	22°12'31	28°16	1°52	22°16	16°17	10°43	7°43	12°29	4°54	16°42	1°R35	29°57	25° 0	n.a.	S 23
M24	13 28 36	23° 9'52	10♓22	3°31	23°27	17° 1	10°45	7°39	12°27	4°54	16°41	1°34	29°54	25° 7	n.a.	M24
T 25	13 32 33	24° 7'13	22°20	5°13	24°39	17°45	10°46	7°35	12°24	4°54	16°39	1°32	29°50	25°13	n.a.	T 25
W26	13 36 29	25° 4'33	4♈13	6°57	25°51	18°29	10°47	7°30	12°22	4°54	16°38	1°27	29°47	25°20	n.a.	W26
T 27	13 40 26	26° 1'52	16° 3	8°44	27° 3	19°13	10°49	7°26	12°20	4°53	16°36	1°20	29°44	25°27	n.a.	T 27
F 28	13 44 22	26°59'10	27°53	10°33	28°15	19°57	10°51	7°22	12°17	4°53	16°35	1°12	29°41	25°33	n.a.	F 28
S 29	13 48 19	27°56'27	9♉45	12°24	29°27	20°41	10°53	7°18	12°15	4°53	16°33	1° 1	29°38	25°40	n.a.	S 29
S 30	13 52 15	28♈53'44	21♉39	14♈18	0♈39	21♒24	10♌55	7♎14	12♎12	4♉52	16♏32	0♍50	29♌34	25♈47	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n27	7n47	4s27	11s14	2s 7	14s16	1s19	21s47	1s21	19n14	1n34	1s10	2n49	4s49	0n36	23s29	0n14	9s54	7n37	10n48	11n15	5n10		n.a.
S 2	0 50	11 13	4 55	11 8	2 15	13 53	1 21	21 38	1 22	19 15	1 34	1 8	2 49	4 48	0 36	23 29	0 14	9 54	7 37	10 50	11 16	5 12		n.a.
M 3	1 13	14 13	5 10	11 0	2 23	13 29	1 23	21 29	1 23	19 15	1 34	1 6	2 49	4 47	0 36	23 29	0 14	9 54	7 37	10 52	11 17	5 14		n.a.
T 4	1 36	16 38	5 11	10 49	2 29	13 6	1 25	21 20	1 24	19 16	1 34	1 5	2 49	4 46	0 36	23 29	0 14	9 53	7 37	10 53	11 18	5 16		n.a.
W 5	2 0	18 22	4 59	10 36	2 35	12 42	1 26	21 10	1 25	19 16	1 34	1 3	2 49	4 45	0 36	23 29	0 14	9 53	7 37	10 54	11 19	5 18		n.a.
T 6	2 23	19 15	4 33	10 22	2 40	12 17	1 28	21 1	1 26	19 16	1 33	1 1	2 49	4 44	0 36	23 29	0 14	9 53	7 37	10 54	11 20	5 20		n.a.
F 7	2 46	19 12	3 53	10 5	2 45	11 53	1 29	20 51	1 26	19 17	1 33	0 59	2 49	4 43	0 36	23 29	0 14	9 52	7 37	10 54	11 22	5 22		n.a.
S 8	3 9	18 8	2 59	9 46	2 49	11 27	1 31	20 40	1 27	19 17	1 33	0 57	2 49	4 42	0 36	23 29	0 14	9 52	7 37	10 54	11 23	5 24		n.a.
S 9	3 32	16 1	1 55	9 25	2 51	11 2	1 32	20 30	1 28	19 17	1 33	0 56	2 49	4 41	0 36	23 29	0 14	9 52	7 37	10 53	11 24	5 26		n.a.
M10	3 55	12 53	0 41	9 2	2 54	10 36	1 33	20 20	1 29	19 18	1 33	0 54	2 49	4 40	0 36	23 29	0 14	9 51	7 37	10 53	11 25	5 28		n.a.
T 11	4 18	8 54	0n37	8 37	2 55	10 11	1 34	20 9	1 30	19 18	1 32	0 52	2 49	4 39	0 36	23 29	0 14	9 51	7 37	10 53	11 26	5 30		n.a.
W12	4 41	4 15	1 55	8 11	2 56	9 44	1 36	19 58	1 31	19 18	1 32	0 50	2 49	4 38	0 36	23 29	0 14	9 50	7 38	10 54	11 27	5 32		n.a.
T 13	5 4	0s45	3 7	7 42	2 56	9 18	1 37	19 47	1 32	19 18	1 32	0 49	2 49	4 37	0 36	23 29	0 14	9 50	7 38	10 55	11 28	5 34		n.a.
F 14	5 27	5 44	4 5	7 12	2 56	8 51	1 38	19 36	1 33	19 18	1 32	0 47	2 49	4 36	0 36	23 29	0 14	9 50	7 38	10 57	11 30	5 36		n.a.
S 15	5 49	10 20	4 46	6 40	2 55	8 24	1 38	19 24	1 33	19 18	1 32	0 45	2 49	4 35	0 36	23 29	0 14	9 49	7 38	10 59	11 31	5 38		n.a.
S 16	6 12	14 13	5 7	6 7	2 53	7 57	1 39	19 13	1 34	19 18	1 31	0 44	2 49	4 34	0 36	23 29	0 14	9 49	7 38	11 1	11 32	5 40		n.a.
M17	6 34	17 6	5 7	5 31	2 50	7 29	1 40	19 1	1 35	19 17	1 31	0 42	2 49	4 33	0 36	23 29	0 14	9 49	7 38	11 3	11 33	5 42		n.a.
T 18	6 57	18 51	4 47	4 54	2 47	7 2	1 40	18 49	1 36	19 17	1 31	0 40	2 49	4 32	0 36	23 29	0 14	9 48	7 38	11 5	11 34	5 44		n.a.
W19	7 19	19 25	4 12	4 16	2 44	6 34	1 41	18 37	1 37	19 17	1 31	0 39	2 49	4 31	0 36	23 29	0 14	9 48	7 38	11 5	11 35	5 46		n.a.
T 20	7 41	18 52	3 24	3 35	2 39	6 6	1 41	18 25	1 38	19 16	1 31	0 37	2 49	4 30	0 36	23 29	0 14	9 47	7 38	11 6	11 36	5 48		n.a.
F 21	8 3	17 20	2 26	2 54	2 35	5 38	1 42	18 12	1 38	19 16	1 30	0 35	2 49	4 29	0 36	23 29	0 14	9 47	7 38	11 5	11 38	5 50		n.a.
S 22	8 25	14 58	1 23	2 11	2 29	5 9	1 42	18 0	1 39	19 16	1 30	0 34	2 49	4 28	0 36	23 29	0 14	9 47	7 38	11 5	11 39	5 52		n.a.
S 23	8 47	11 59	0 18	1 26	2 23	4 41	1 42	17 47	1 40	19 15	1 30	0 32	2 49	4 27	0 36	23 29	0 14	9 46	7 38	11 5	11 40	5 54		n.a.
M24	9 8	8 31	0s47	0 40	2 17	4 12	1 43	17 34	1 41	19 15	1 30	0 30	2 48	4 26	0 36	23 29	0 14	9 46	7 38	11 5	11 41	5 56		n.a.
T 25	9 30	4 45	1 49	0n 8	2 10	3 43	1 43	17 21	1 42	19 14	1 29	0 29	2 48	4 25	0 36	23 29	0 14	9 45	7 38	11 6	11 42	5 58		n.a.
W26	9 51	0 50	2 46	0 56	2 2	3 14	1 43	17 8	1 42	19 13	1 29	0 27	2 48	4 25	0 36	23 29	0 14	9 45	7 38	11 7	11 43	6 0		n.a.
T 27	10 12	3n 6	3 35	1 46	1 54	2 45	1 43	16 55	1 43	19 13	1 29	0 26	2 48	4 24	0 36	23 29	0 14	9 45	7 38	11 10	11 44	6 2		n.a.
F 28	10 33	6 55	4 15	2 38	1 45	2 16	1 42	16 42	1 44	19 12	1 29	0 24	2 48	4 23	0 36	23 29	0 14	9 44	7 38	11 13	11 45	6 4		n.a.
S 29	10 54	10 28	4 44	3 30	1 37	1 47	1 42	16 28	1 45	19 11	1 29	0 23	2 48	4 22	0 36	23 29	0 14	9 44	7 38	11 17	11 47	6 6		n.a.
S 30	11n15	13n37	5s 0	4n23	1s27	1s18	1s42	16s15	1s46	19n10	1n28	0s21	2n48	4s21	0n36	23s29	0n14	9s43	7n38	11n21	11n48	6n 8		n.a.

Julian Day Number = 1370142.5, Delta T = 06h51m23s
Ecliptic obliquity = 23°48'29, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°21'13, Lahiri = -17°14'12 Julian Calendar 1 Apr. 962 BCE == Greg. Calendar 23 March 962 BCE

The year -961 astronomical counting style corresponds to year 962 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 962 BCE
geocentric

MAY 962 BCE (-961) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 56 12	29♈50'59	3♊39	16♈14	1♈51	22♒ 8	10♌58	7°R10	12°R10	4°R52	16°R31	0°R40	29♌31	25♈53	n.a.	M 1
T 2	14 0 9	0♉48'14	15°44	18°12	3° 3	22°51	11° 0	7♎ 6	12♎ 8	4♑51	16♏29	0♍31	29°28	26° 0	n.a.	T 2
W 3	14 4 5	1°45'28	27°59	20°12	4°15	23°35	11° 3	7° 3	12° 5	4°51	16°28	0°24	29°25	26° 7	n.a.	W 3
T 4	14 8 2	2°42'40	10♋26	22°14	5°27	24°18	11° 6	6°59	12° 3	4°50	16°26	0°19	29°22	26°14	n.a.	T 4
F 5	14 11 58	3°39'52	23° 9	24°18	6°39	25° 2	11° 9	6°55	12° 1	4°50	16°25	0°17	29°19	26°20	n.a.	F 5
S 6	14 15 55	4°37'03	6♌10	26°23	7°51	25°45	11°12	6°51	11°59	4°49	16°23	0°D16	29°15	26°27	n.a.	S 6
S 7	14 19 51	5°34'13	19°34	28°31	9° 3	26°28	11°16	6°48	11°56	4°49	16°21	0°17	29°12	26°34	n.a.	S 7
M 8	14 23 48	6°31'22	3♍23	0♉39	10°15	27°11	11°19	6°44	11°54	4°48	16°20	0°R17	29° 9	26°40	n.a.	M 8
T 9	14 27 44	7°28'30	17°39	2°49	11°28	27°54	11°23	6°41	11°52	4°47	16°18	0°16	29° 6	26°47	n.a.	T 9
W10	14 31 41	8°25'37	2♎20	4°59	12°40	28°37	11°27	6°37	11°50	4°47	16°17	0°13	29° 3	26°54	n.a.	W10
T 11	14 35 38	9°22'43	17°21	7°10	13°52	29°20	11°31	6°34	11°48	4°46	16°15	0° 7	29° 0	27° 0	n.a.	T 11
F 12	14 39 34	10°19'49	2♏35	9°22	15° 4	0♓ 3	11°35	6°31	11°46	4°45	16°14	29♌59	28°56	27° 7	n.a.	F 12
S 13	14 43 31	11°16'55	17°52	11°33	16°17	0°45	11°40	6°27	11°43	4°44	16°12	29°49	28°53	27°14	n.a.	S 13
S 14	14 47 27	12°14'00	3♐ 0	13°44	17°29	1°28	11°44	6°24	11°41	4°43	16°11	29°39	28°50	27°21	n.a.	S 14
M15	14 51 24	13°11'05	17°49	15°55	18°41	2°11	11°49	6°21	11°39	4°43	16° 9	29°30	28°47	27°27	n.a.	M15
T 16	14 55 20	14° 8'10	2♑13	18° 5	19°54	2°53	11°54	6°18	11°37	4°42	16° 8	29°23	28°44	27°34	n.a.	T 16
W17	14 59 17	15° 5'15	16° 7	20°14	21° 6	3°36	11°59	6°15	11°35	4°41	16° 6	29°18	28°40	27°41	n.a.	W17
T 18	15 3 14	16° 2'19	29°32	22°22	22°18	4°18	12° 4	6°12	11°34	4°40	16° 4	29°15	28°37	27°47	n.a.	T 18
F 19	15 7 10	16°59'24	12♒29	24°28	23°31	5° 0	12° 9	6° 9	11°32	4°39	16° 3	29°D14	28°34	27°54	n.a.	F 19
S 20	15 11 7	17°56'29	25° 3	26°33	24°43	5°42	12°15	6° 6	11°30	4°38	16° 1	29°R14	28°31	28° 1	n.a.	S 20
S 21	15 15 3	18°53'34	7♓19	28°37	25°56	6°24	12°20	6° 4	11°28	4°37	16° 0	29°14	28°28	28° 7	n.a.	S 21
M22	15 19 0	19°50'39	19°22	0♊38	27° 8	7° 6	12°26	6° 1	11°26	4°36	15°58	29°12	28°25	28°14	n.a.	M22
T 23	15 22 56	20°47'44	1♈16	2°38	28°21	7°48	12°32	5°59	11°24	4°35	15°57	29° 9	28°21	28°21	n.a.	T 23
W24	15 26 53	21°44'49	13° 6	4°36	29°34	8°30	12°38	5°56	11°23	4°34	15°55	29° 3	28°18	28°28	n.a.	W24
T 25	15 30 49	22°41'55	24°55	6°32	0♉46	9°12	12°44	5°54	11°21	4°33	15°53	28°54	28°15	28°34	n.a.	T 25
F 26	15 34 46	23°39'00	6♉46	8°26	1°59	9°53	12°51	5°52	11°19	4°32	15°52	28°42	28°12	28°41	n.a.	F 26
S 27	15 38 43	24°36'06	18°42	10°18	3°12	10°35	12°57	5°49	11°18	4°31	15°50	28°29	28° 9	28°48	n.a.	S 27
S 28	15 42 39	25°33'12	0♊43	12° 8	4°24	11°16	13° 4	5°47	11°16	4°29	15°49	28°16	28° 6	28°54	n.a.	S 28
M29	15 46 36	26°30'18	12°51	13°56	5°37	11°57	13°10	5°45	11°15	4°28	15°47	28° 2	28° 2	29° 1	n.a.	M29
T 30	15 50 32	27°27'24	25° 7	15°42	6°50	12°38	13°17	5°43	11°13	4°27	15°46	27°51	27°59	29° 8	n.a.	T 30
W31	15 54 29	28♉24'30	7♋32	17♊26	8♉ 3	13♓19	13♌24	5♎41	11♎12	4♑26	15♏44	27♌41	27♌56	29♈15	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11n35	16n14	5s 4	5n17	1s18	0s48	1s42	16s 1	1s46	19n 9	1n28	0s20	2n48	4s20	0n36	23s29	0n14	9s43	7n38	11n24	11n49	6n10			n.a.
T 2	11 56	18 10	4 54	6 12	1 8	0 19	1 41	15 47	1 47	19 9	1 28	0 18	2 47	4 19	0 36	23 29	0 14	9 43	7 38	11 28	11 50	6 12			n.a.
W 3	12 16	19 18	4 30	7 8	0 57	0n11	1 41	15 34	1 48	19 8	1 28	0 17	2 47	4 18	0 36	23 29	0 14	9 42	7 38	11 30	11 51	6 14			n.a.
T 4	12 36	19 31	3 53	8 4	0 47	0 40	1 40	15 20	1 49	19 6	1 27	0 16	2 47	4 17	0 36	23 29	0 14	9 42	7 38	11 32	11 52	6 16			n.a.
F 5	12 56	18 46	3 4	9 0	0 36	1 10	1 39	15 5	1 49	19 5	1 27	0 14	2 47	4 16	0 36	23 30	0 14	9 42	7 38	11 33	11 53	6 18			n.a.
S 6	13 15	17 0	2 5	9 56	0 25	1 39	1 39	14 51	1 50	19 4	1 27	0 13	2 47	4 15	0 36	23 30	0 14	9 41	7 38	11 33	11 55	6 20			n.a.
S 7	13 35	14 17	0 57	10 53	0 15	2 9	1 38	14 37	1 51	19 3	1 27	0 12	2 47	4 15	0 36	23 30	0 14	9 41	7 37	11 33	11 56	6 22			n.a.
M 8	13 54	10 40	0n17	11 49	0 4	2 38	1 37	14 23	1 51	19 2	1 27	0 10	2 47	4 14	0 36	23 30	0 14	9 40	7 37	11 33	11 57	6 24			n.a.
T 9	14 13	6 21	1 31	12 44	0n 7	3 8	1 36	14 8	1 52	19 1	1 26	0 9	2 46	4 13	0 36	23 30	0 14	9 40	7 37	11 33	11 58	6 26			n.a.
W10	14 32	1 31	2 42	13 39	0 17	3 37	1 35	13 54	1 53	18 59	1 26	0 8	2 46	4 12	0 36	23 30	0 14	9 40	7 37	11 34	11 59	6 28			n.a.
T 11	14 50	3s30	3 43	14 33	0 28	4 7	1 34	13 39	1 54	18 58	1 26	0 7	2 46	4 11	0 36	23 30	0 14	9 39	7 37	11 36	12 0	6 30			n.a.
F 12	15 9	8 21	4 29	15 26	0 38	4 36	1 33	13 24	1 54	18 57	1 26	0 5	2 46	4 10	0 36	23 30	0 14	9 39	7 37	11 39	12 1	6 32			n.a.
S 13	15 27	12 41	4 56	16 17	0 47	5 5	1 32	13 10	1 55	18 55	1 25	0 4	2 46	4 10	0 36	23 30	0 14	9 39	7 37	11 42	12 2	6 34			n.a.
S 14	15 45	16 9	5 2	17 6	0 56	5 35	1 30	12 55	1 56	18 54	1 25	0 3	2 46	4 9	0 36	23 30	0 14	9 38	7 37	11 46	12 4	6 36			n.a.
M15	16 2	18 29	4 47	17 54	1 5	6 4	1 29	12 40	1 56	18 52	1 25	0 2	2 45	4 8	0 36	23 30	0 14	9 38	7 37	11 49	12 5	6 38			n.a.
T 16	16 20	19 33	4 14	18 39	1 13	6 33	1 28	12 25	1 57	18 50	1 25	0 1	2 45	4 7	0 36	23 30	0 14	9 38	7 37	11 52	12 6	6 40			n.a.
W17	16 37	19 23	3 28	19 22	1 21	7 1	1 26	12 10	1 58	18 49	1 25	0 0	2 45	4 6	0 36	23 30	0 13	9 37	7 37	11 54	12 7	6 42			n.a.
T 18	16 54	18 7	2 31	20 3	1 28	7 30	1 25	11 55	1 58	18 47	1 24	0n 1	2 45	4 6	0 36	23 30	0 13	9 37	7 37	11 55	12 8	6 44			n.a.
F 19	17 10	15 55	1 28	20 42	1 34	7 59	1 23	11 40	1 59	18 45	1 24	0 2	2 45	4 5	0 35	23 30	0 13	9 36	7 37	11 55	12 9	6 46			n.a.
S 20	17 26	13 1	0 22	21 18	1 40	8 27	1 22	11 24	2 0	18 44	1 24	0 3	2 44	4 4	0 35	23 30	0 13	9 36	7 36	11 55	12 10	6 47			n.a.
S 21	17 42	9 37	0s43	21 52	1 45	8 56	1 20	11 9	2 0	18 42	1 24	0 4	2 44	4 4	0 35	23 30	0 13	9 36	7 36	11 55	12 11	6 49			n.a.
M22	17 58	5 52	1 45	22 23	1 49	9 24	1 18	10 54	2 1	18 40	1 24	0 5	2 44	4 3	0 35	23 30	0 13	9 35	7 36	11 56	12 12	6 51			n.a.
T 23	18 14	1 57	2 41	22 51	1 53	9 52	1 17	10 39	2 1	18 38	1 23	0 5	2 44	4 2	0 35	23 30	0 13	9 35	7 36	11 57	12 14	6 53			n.a.
W24	18 29	2n 2	3 30	23 17	1 56	10 19	1 15	10 23	2 2	18 36	1 23	0 6	2 43	4 2	0 35	23 30	0 13	9 35	7 36	11 59	12 15	6 55			n.a.
T 25	18 44	5 56	4 10	23 40	1 58	10 47	1 13	10 8	2 3	18 34	1 23	0 7	2 43	4 1	0 35	23 30	0 13	9 35	7 36	12 2	12 16	6 57			n.a.
F 26	18 58	9 36	4 39	24 1	1 59	11 14	1 11	9 52	2 3	18 32	1 23	0 8	2 43	4 0	0 35	23 30	0 13	9 34	7 36	12 6	12 17	6 59			n.a.
S 27	19 13	12 55	4 55	24 19	2 0	11 41	1 9	9 37	2 4	18 30	1 23	0 8	2 43	4 0	0 35	23 30	0 13	9 34	7 36	12 11	12 18	7 1			n.a.
S 28	19 27	15 44	4 59	24 35	2 1	12 8	1 7	9 22	2 4	18 28	1 22	0 9	2 43	3 59	0 35	23 30	0 13	9 34	7 35	12 16	12 19	7 3			n.a.
M29	19 40	17 54	4 50	24 49	2 0	12 34	1 5	9 6	2 5	18 26	1 22	0 9	2 42	3 59	0 35	23 30	0 13	9 33	7 35	12 20	12 20	7 5			n.a.
T 30	19 54	19 16	4 27	25 0	1 59	13 0	1 3	8 51	2 5	18 24	1 22	0 10	2 42	3 58	0 35	23 31	0 13	9 33	7 35	12 24	12 21	7 7			n.a.
W31	20n 7	19n45	3s51	25n 9	1n57	13n26	1s 1	8s35	2s 6	18n22	1n22	0n11	2n42	3s57	0n35	23s31	0n13	9s33	7n35	12n28	12n23	7n 9			n.a.

Julian Day Number = 1370172.5, Delta T = 06h51m21s
Ecliptic obliquity = 23°48'29, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°21'09, Lahiri = -17°14'08 Julian Calendar 1 May 962 BCE == Greg. Calendar 22 Apr. 962 BCE

The year -961 astronomical counting style corresponds to year 962 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 962 BCE
geocentric

JUNE 962 BCE (-961) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 58 25	29♉21'36	20♋ 8	19♊ 8	9♉15	14♓ 0	13♌31	5°R40	11°R10	4°R25	15°R43	27°R35	27♌53	29♈21	n.a.	T 1
F 2	16 2 22	0♊18'43	2♌56	20°48	10°28	14°41	13°39	5♎38	11♎ 9	4♑23	15♏41	27♌31	27°50	29°28	n.a.	F 2
S 3	16 6 18	1°15'49	16° 0	22°26	11°41	15°21	13°46	5°36	11° 8	4°22	15°40	27°30	27°46	29°35	n.a.	S 3
S 4	16 10 15	2°12'55	29°22	24° 1	12°54	16° 2	13°54	5°35	11° 6	4°21	15°38	27°29	27°43	29°41	n.a.	S 4
M 5	16 14 12	3°10'01	13♍ 5	25°35	14° 7	16°42	14° 1	5°34	11° 5	4°19	15°37	27°29	27°40	29°48	n.a.	M 5
T 6	16 18 8	4° 7'07	27° 9	27° 6	15°20	17°23	14° 9	5°32	11° 4	4°18	15°35	27°28	27°37	29°55	n.a.	T 6
W 7	16 22 5	5° 4'14	11♎36	28°36	16°33	18° 3	14°17	5°31	11° 3	4°17	15°34	27°24	27°34	0♉ 1	n.a.	W 7
T 8	16 26 1	6° 1'20	26°21	0♋ 3	17°46	18°43	14°25	5°30	11° 2	4°15	15°32	27°19	27°31	0° 8	n.a.	T 8
F 9	16 29 58	6°58'27	11♏20	1°28	18°59	19°23	14°33	5°29	11° 1	4°14	15°31	27°10	27°27	0°15	n.a.	F 9
S 10	16 33 54	7°55'35	26°24	2°51	20°12	20° 2	14°41	5°28	11° 0	4°13	15°29	27° 0	27°24	0°22	n.a.	S 10
S 11	16 37 51	8°52'43	11♐24	4°12	21°25	20°42	14°50	5°27	10°59	4°11	15°28	26°49	27°21	0°28	n.a.	S 11
M12	16 41 48	9°49'51	26° 9	5°30	22°38	21°21	14°58	5°26	10°58	4°10	15°27	26°39	27°18	0°35	n.a.	M12
T 13	16 45 44	10°47'00	10♑31	6°47	23°52	22° 1	15° 7	5°26	10°57	4° 8	15°25	26°31	27°15	0°42	n.a.	T 13
W14	16 49 41	11°44'10	24°28	8° 0	25° 5	22°40	15°15	5°25	10°56	4° 7	15°24	26°25	27°12	0°48	n.a.	W14
T 15	16 53 37	12°41'21	7♒55	9°12	26°18	23°19	15°24	5°25	10°55	4° 5	15°23	26°22	27° 8	0°55	n.a.	T 15
F 16	16 57 34	13°38'33	20°56	10°21	27°31	23°58	15°33	5°24	10°55	4° 4	15°21	26°D21	27° 5	1° 2	n.a.	F 16
S 17	17 1 30	14°35'46	3♓33	11°27	28°45	24°37	15°42	5°24	10°54	4° 2	15°20	26°21	27° 2	1° 9	n.a.	S 17
S 18	17 5 27	15°33'00	15°51	12°31	29°58	25°16	15°51	5°24	10°54	4° 1	15°19	26°R21	26°59	1°15	n.a.	S 18
M19	17 9 23	16°30'15	27°54	13°32	1♊11	25°54	16° 0	5°D24	10°53	3°59	15°17	26°21	26°56	1°22	n.a.	M19
T 20	17 13 20	17°27'31	9♈49	14°30	2°25	26°32	16°10	5°24	10°52	3°58	15°16	26°18	26°52	1°29	n.a.	T 20
W21	17 17 17	18°24'48	21°39	15°25	3°38	27°10	16°19	5°24	10°52	3°56	15°15	26°14	26°49	1°35	n.a.	W21
T 22	17 21 13	19°22'06	3♉30	16°17	4°52	27°48	16°28	5°24	10°52	3°55	15°14	26° 6	26°46	1°42	n.a.	T 22
F 23	17 25 10	20°19'25	15°25	17° 6	6° 5	28°26	16°38	5°24	10°51	3°53	15°12	25°57	26°43	1°49	n.a.	F 23
S 24	17 29 6	21°16'46	27°26	17°51	7°19	29° 4	16°48	5°25	10°51	3°51	15°11	25°46	26°40	1°56	n.a.	S 24
S 25	17 33 3	22°14'07	9♊36	18°33	8°32	29°41	16°58	5°25	10°51	3°50	15°10	25°35	26°37	2° 2	n.a.	S 25
M26	17 36 59	23°11'30	21°55	19°11	9°46	0♈19	17° 7	5°26	10°50	3°48	15° 9	25°23	26°33	2° 9	n.a.	M26
T 27	17 40 56	24° 8'54	4♋26	19°45	10°59	0°56	17°17	5°26	10°50	3°47	15° 8	25°13	26°30	2°16	n.a.	T 27
W28	17 44 52	25° 6'19	17° 7	20°15	12°13	1°33	17°28	5°27	10°50	3°45	15° 7	25° 6	26°27	2°22	n.a.	W28
T 29	17 48 49	26° 3'45	29°59	20°40	13°27	2°10	17°38	5°28	10°D50	3°43	15° 6	25° 1	26°24	2°29	n.a.	T 29
F 30	17 52 46	27♊ 1'12	13♌ 2	21♋ 2	14♊40	2♈46	17♌48	5♎29	10♎50	3♑42	15♏ 4	24♌58	26♌21	2♉36	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n19	19n15	3s 4	25n16	1n55	13n52	0s59	8s20	2s 6	18n19	1n22	0n11	2n42	3s57	0n35	23s31	0n13	9s32	7n35	12n30	12n24	7n11		n.a.
F 2	20 32	17 46	2 6	25 21	1 52	14 17	0 57	8 4	2 7	18 17	1 21	0 11	2 41	3 56	0 35	23 31	0 13	9 32	7 35	12 31	12 25	7 13		n.a.
S 3	20 44	15 20	1 0	25 24	1 49	14 42	0 55	7 49	2 7	18 15	1 21	0 12	2 41	3 56	0 35	23 31	0 13	9 32	7 34	12 32	12 26	7 15		n.a.
S 4	20 55	12 1	0n10	25 25	1 45	15 7	0 53	7 33	2 8	18 12	1 21	0 12	2 41	3 55	0 35	23 31	0 13	9 32	7 34	12 32	12 27	7 17		n.a.
M 5	21 7	8 0	1 21	25 24	1 40	15 31	0 50	7 18	2 8	18 10	1 21	0 13	2 41	3 55	0 35	23 31	0 13	9 31	7 34	12 32	12 28	7 19		n.a.
T 6	21 18	3 26	2 30	25 21	1 35	15 55	0 48	7 2	2 9	18 7	1 21	0 13	2 40	3 55	0 35	23 31	0 13	9 31	7 34	12 32	12 29	7 21		n.a.
W 7	21 28	1s26	3 31	25 17	1 29	16 19	0 46	6 47	2 9	18 5	1 21	0 13	2 40	3 54	0 35	23 31	0 13	9 31	7 34	12 34	12 30	7 23		n.a.
T 8	21 39	6 19	4 19	25 11	1 23	16 42	0 44	6 31	2 10	18 2	1 20	0 13	2 40	3 54	0 35	23 31	0 13	9 31	7 34	12 36	12 31	7 25		n.a.
F 9	21 49	10 53	4 50	25 4	1 16	17 4	0 41	6 16	2 10	18 0	1 20	0 14	2 40	3 53	0 35	23 31	0 13	9 30	7 33	12 39	12 33	7 27		n.a.
S 10	21 58	14 46	5 1	24 56	1 9	17 27	0 39	6 0	2 11	17 57	1 20	0 14	2 39	3 53	0 35	23 31	0 13	9 30	7 33	12 42	12 34	7 29		n.a.
S 11	22 7	17 41	4 51	24 46	1 2	17 49	0 36	5 45	2 11	17 54	1 20	0 14	2 39	3 53	0 35	23 31	0 13	9 30	7 33	12 46	12 35	7 31		n.a.
M12	22 16	19 23	4 23	24 35	0 54	18 10	0 34	5 29	2 12	17 52	1 20	0 14	2 39	3 52	0 35	23 31	0 13	9 30	7 33	12 49	12 36	7 33		n.a.
T 13	22 24	19 46	3 37	24 23	0 45	18 31	0 32	5 14	2 12	17 49	1 20	0 14	2 38	3 52	0 35	23 31	0 13	9 30	7 33	12 52	12 37	7 35		n.a.
W14	22 32	18 56	2 40	24 10	0 36	18 51	0 29	4 58	2 12	17 46	1 19	0 14	2 38	3 52	0 35	23 31	0 13	9 29	7 32	12 54	12 38	7 37		n.a.
T 15	22 40	17 1	1 36	23 56	0 27	19 11	0 27	4 43	2 13	17 44	1 19	0 14	2 38	3 51	0 35	23 31	0 13	9 29	7 32	12 55	12 39	7 39		n.a.
F 16	22 47	14 17	0 29	23 41	0 17	19 31	0 24	4 28	2 13	17 41	1 19	0 14	2 38	3 51	0 35	23 31	0 13	9 29	7 32	12 56	12 40	7 41		n.a.
S 17	22 54	10 57	0s38	23 25	0 7	19 50	0 22	4 13	2 14	17 38	1 19	0 14	2 37	3 51	0 35	23 31	0 13	9 29	7 32	12 56	12 41	7 43		n.a.
S 18	23 1	7 13	1 42	23 9	0s 3	20 8	0 19	3 57	2 14	17 35	1 19	0 13	2 37	3 51	0 35	23 32	0 13	9 29	7 31	12 55	12 42	7 45		n.a.
M19	23 7	3 17	2 39	22 52	0 14	20 26	0 17	3 42	2 14	17 32	1 19	0 13	2 37	3 51	0 34	23 32	0 13	9 29	7 31	12 56	12 44	7 47		n.a.
T 20	23 12	0n45	3 29	22 35	0 25	20 44	0 14	3 27	2 15	17 29	1 18	0 13	2 37	3 50	0 34	23 32	0 13	9 29	7 31	12 56	12 45	7 49		n.a.
W21	23 18	4 42	4 10	22 17	0 37	21 0	0 12	3 12	2 15	17 26	1 18	0 13	2 36	3 50	0 34	23 32	0 13	9 28	7 31	12 58	12 46	7 51		n.a.
T 22	23 22	8 29	4 40	22 0	0 49	21 17	0 10	2 57	2 15	17 23	1 18	0 12	2 36	3 50	0 34	23 32	0 13	9 28	7 30	13 1	12 47	7 53		n.a.
F 23	23 27	11 58	4 58	21 42	1 1	21 32	0 7	2 42	2 16	17 20	1 18	0 12	2 36	3 50	0 34	23 32	0 13	9 28	7 30	13 4	12 48	7 55		n.a.
S 24	23 31	14 59	5 3	21 24	1 13	21 47	0 5	2 27	2 16	17 17	1 18	0 11	2 36	3 50	0 34	23 32	0 13	9 28	7 30	13 7	12 49	7 57		n.a.
S 25	23 35	17 23	4 54	21 6	1 25	22 2	0 2	2 12	2 16	17 14	1 18	0 11	2 35	3 50	0 34	23 32	0 13	9 28	7 30	13 11	12 50	7 59		n.a.
M26	23 38	19 2	4 31	20 48	1 38	22 16	0n 0	1 57	2 17	17 10	1 18	0 11	2 35	3 50	0 34	23 32	0 13	9 28	7 29	13 15	12 51	8 0		n.a.
T 27	23 41	19 48	3 56	20 30	1 51	22 29	0 3	1 43	2 17	17 7	1 18	0 10	2 35	3 50	0 34	23 32	0 13	9 28	7 29	13 19	12 52	8 2		n.a.
W28	23 43	19 35	3 8	20 13	2 4	22 42	0 5	1 28	2 17	17 4	1 17	0 9	2 34	3 50	0 34	23 32	0 13	9 28	7 29	13 21	12 53	8 4		n.a.
T 29	23 45	18 22	2 9	19 57	2 16	22 53	0 8	1 13	2 17	17 1	1 17	0 9	2 34	3 50	0 34	23 32	0 13	9 28	7 29	13 23	12 55	8 6		n.a.
F 30	23n46	16n 9	1s 3	19n41	2s29	23n 5	0n10	0s59	2s18	16n57	1n17	0n 8	2n34	3s50	0n34	23s32	0n13	9s28	7n28	13n24	12n56	8n 8		n.a.

Julian Day Number = 1370203.5, Delta T = 06h51m20s
Ecliptic obliquity = 23°48'28, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°21'05, Lahiri = -17°14'04 Julian Calendar 1 June 962 BCE == Greg. Calendar 23 May 962 BCE

The year -961 astronomical counting style corresponds to year 962 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 962 BCE
geocentric

JULY 962 BCE (-961) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 56 42	27♊58'40	26♌18	21♋18	15♊54	3♈22	17♌58	5♎30	10♎50	3°R40	15°R 3	24°D57	26♌18	2♉43	n.a.	S 1
S 2	18 0 39	28°56'09	9♍48	21°30	17° 8	3°59	18° 9	5°31	10°50	3♏39	15♏ 2	24♌58	26°14	2°49	n.a.	S 2
M 3	18 4 35	29°53'38	23°32	21°36	18°22	4°35	18°19	5°33	10°50	3°37	15° 1	24°R59	26°11	2°56	n.a.	M 3
T 4	18 8 32	0♋51'09	7♎32	21°R38	19°35	5°10	18°30	5°34	10°51	3°35	15° 0	24°59	26° 8	3° 3	n.a.	T 4
W 5	18 12 28	1°48'41	21°46	21°34	20°49	5°46	18°40	5°35	10°51	3°34	14°59	24°57	26° 5	3° 9	n.a.	W 5
T 6	18 16 25	2°46'13	6♏14	21°24	22° 3	6°21	18°51	5°37	10°51	3°32	14°59	24°53	26° 2	3°16	n.a.	T 6
F 7	18 20 21	3°43'47	20°51	21° 9	23°17	6°56	19° 2	5°39	10°52	3°30	14°58	24°47	25°58	3°23	n.a.	F 7
S 8	18 24 18	4°41'22	5♐31	20°49	24°31	7°31	19°13	5°40	10°52	3°29	14°57	24°40	25°55	3°30	n.a.	S 8
S 9	18 28 15	5°38'59	20° 8	20°23	25°45	8° 6	19°24	5°42	10°52	3°27	14°56	24°33	25°52	3°36	n.a.	S 9
M10	18 32 11	6°36'37	4♑35	19°52	26°59	8°40	19°35	5°44	10°53	3°25	14°55	24°26	25°49	3°43	n.a.	M10
T 11	18 36 8	7°34'16	18°44	19°16	28°13	9°15	19°46	5°46	10°54	3°24	14°54	24°20	25°46	3°50	n.a.	T 11
W12	18 40 4	8°31'56	2♒32	18°36	29°27	9°49	19°57	5°48	10°54	3°22	14°54	24°16	25°43	3°56	n.a.	W12
T 13	18 44 1	9°29'39	15°56	17°52	0♋41	10°22	20° 8	5°50	10°55	3°21	14°53	24°14	25°39	4° 3	n.a.	T 13
F 14	18 47 57	10°27'23	28°56	17° 4	1°55	10°56	20°20	5°53	10°56	3°19	14°52	24°D14	25°36	4°10	n.a.	F 14
S 15	18 51 54	11°25'08	11♓35	16°13	3° 9	11°29	20°31	5°55	10°56	3°17	14°51	24°15	25°33	4°17	n.a.	S 15
S 16	18 55 51	12°22'56	23°54	15°21	4°24	12° 2	20°43	5°57	10°57	3°16	14°51	24°16	25°30	4°23	n.a.	S 16
M17	18 59 47	13°20'45	6♈ 0	14°28	5°38	12°35	20°54	6° 0	10°58	3°14	14°50	24°17	25°27	4°30	n.a.	M17
T 18	19 3 44	14°18'37	17°57	13°35	6°52	13° 8	21° 6	6° 3	10°59	3°13	14°50	24°R17	25°23	4°37	n.a.	T 18
W19	19 7 40	15°16'30	29°49	12°44	8° 6	13°40	21°17	6° 5	11° 0	3°11	14°49	24°16	25°20	4°43	n.a.	W19
T 20	19 11 37	16°14'25	11♉42	11°55	9°21	14°12	21°29	6° 8	11° 1	3° 9	14°48	24°13	25°17	4°50	n.a.	T 20
F 21	19 15 33	17°12'22	23°39	11°10	10°35	14°43	21°41	6°11	11° 2	3° 8	14°48	24° 9	25°14	4°57	n.a.	F 21
S 22	19 19 30	18°10'21	5♊45	10°29	11°49	15°15	21°53	6°14	11° 3	3° 6	14°47	24° 3	25°11	5° 4	n.a.	S 22
S 23	19 23 26	19° 8'22	18° 3	9°53	13° 4	15°46	22° 4	6°17	11° 4	3° 5	14°47	23°57	25° 8	5°10	n.a.	S 23
M24	19 27 23	20° 6'25	0♋34	9°24	14°18	16°17	22°16	6°20	11° 6	3° 3	14°47	23°51	25° 4	5°17	n.a.	M24
T 25	19 31 19	21° 4'30	13°19	9° 1	15°33	16°47	22°28	6°23	11° 7	3° 2	14°46	23°46	25° 1	5°24	n.a.	T 25
W26	19 35 16	22° 2'37	26°19	8°47	16°47	17°17	22°40	6°27	11° 8	3° 0	14°46	23°42	24°58	5°30	n.a.	W26
T 27	19 39 13	23° 0'45	9♌33	8°D40	18° 2	17°47	22°52	6°30	11°10	2°59	14°45	23°40	24°55	5°37	n.a.	T 27
F 28	19 43 9	23°58'56	22°59	8°41	19°16	18°17	23° 5	6°34	11°11	2°57	14°45	23°D39	24°52	5°44	n.a.	F 28
S 29	19 47 6	24°57'08	6♍37	8°51	20°31	18°46	23°17	6°37	11°13	2°56	14°45	23°40	24°49	5°51	n.a.	S 29
S 30	19 51 2	25°55'21	20°25	9°10	21°45	19°15	23°29	6°41	11°14	2°54	14°45	23°41	24°45	5°57	n.a.	S 30
M31	19 54 59	26♋53'36	4♎23	9♋37	23♋ 0	19♈43	23♌41	6♎45	11♎16	2♏53	14♏44	23♌43	24♌42	6♉ 4	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	13n 3	0n 7	19n25	2s42	23n15	0n13	0s44	2s18	16n54	1n17	0n 8	2n34	3s50	0n34	23s32	0n13	9s28	7n28	13n24	12n57	8n10		n.a.
S 2	23 48	9 14	1 19	19 11	2 55	23 25	0 15	0 30	2 18	16 51	1 17	0 7	2 33	3 50	0 34	23 32	0 13	9 28	7 28	13 24	12 58	8 12		n.a.
M 3	23 48	4 51	2 27	18 58	3 7	23 35	0 17	0 16	2 18	16 47	1 17	0 6	2 33	3 50	0 34	23 32	0 13	9 28	7 28	13 24	12 59	8 14		n.a.
T 4	23 48	0 9	3 28	18 46	3 19	23 43	0 20	0 2	2 18	16 44	1 17	0 5	2 33	3 50	0 34	23 32	0 13	9 28	7 27	13 24	13 0	8 16		n.a.
W 5	23 48	4s39	4 17	18 35	3 31	23 51	0 22	0n12	2 19	16 40	1 17	0 4	2 33	3 50	0 34	23 33	0 13	9 28	7 27	13 24	13 1	8 18		n.a.
T 6	23 47	9 14	4 51	18 25	3 42	23 58	0 24	0 26	2 19	16 37	1 16	0 4	2 32	3 50	0 34	23 33	0 13	9 28	7 27	13 26	13 2	8 20		n.a.
F 7	23 45	13 19	5 6	18 17	3 53	24 5	0 27	0 40	2 19	16 33	1 16	0 3	2 32	3 51	0 34	23 33	0 13	9 28	7 26	13 28	13 3	8 22		n.a.
S 8	23 43	16 37	5 1	18 11	4 2	24 10	0 29	0 54	2 19	16 30	1 16	0 2	2 32	3 51	0 34	23 33	0 13	9 28	7 26	13 30	13 4	8 24		n.a.
S 9	23 41	18 50	4 37	18 6	4 11	24 15	0 31	1 8	2 19	16 26	1 16	0 1	2 31	3 51	0 34	23 33	0 13	9 28	7 26	13 32	13 5	8 26		n.a.
M10	23 38	19 49	3 55	18 3	4 18	24 20	0 33	1 22	2 19	16 22	1 16	0s 0	2 31	3 51	0 34	23 33	0 13	9 28	7 26	13 35	13 7	8 28		n.a.
T 11	23 35	19 31	3 0	18 2	4 25	24 23	0 36	1 35	2 20	16 19	1 16	0 1	2 31	3 52	0 34	23 33	0 13	9 28	7 25	13 37	13 8	8 30		n.a.
W12	23 32	18 2	1 55	18 3	4 30	24 26	0 38	1 48	2 20	16 15	1 16	0 2	2 31	3 52	0 34	23 33	0 13	9 28	7 25	13 38	13 9	8 32		n.a.
T 13	23 28	15 36	0 45	18 5	4 33	24 28	0 40	2 2	2 20	16 11	1 16	0 3	2 30	3 52	0 34	23 33	0 13	9 28	7 25	13 39	13 10	8 34		n.a.
F 14	23 23	12 25	0s26	18 10	4 34	24 30	0 42	2 15	2 20	16 7	1 16	0 5	2 30	3 52	0 34	23 33	0 13	9 28	7 24	13 39	13 11	8 36		n.a.
S 15	23 18	8 45	1 33	18 16	4 34	24 30	0 44	2 28	2 20	16 4	1 15	0 6	2 30	3 53	0 34	23 33	0 13	9 28	7 24	13 39	13 12	8 38		n.a.
S 16	23 13	4 48	2 34	18 24	4 32	24 30	0 46	2 41	2 20	16 0	1 15	0 7	2 30	3 53	0 33	23 33	0 13	9 28	7 24	13 38	13 13	8 40		n.a.
M17	23 8	0 45	3 27	18 34	4 28	24 29	0 48	2 54	2 20	15 56	1 15	0 8	2 29	3 54	0 33	23 33	0 13	9 28	7 23	13 38	13 14	8 42		n.a.
T 18	23 2	3n17	4 11	18 45	4 22	24 27	0 50	3 7	2 20	15 52	1 15	0 10	2 29	3 54	0 33	23 33	0 13	9 28	7 23	13 38	13 15	8 44		n.a.
W19	22 55	7 10	4 43	18 58	4 15	24 25	0 52	3 19	2 20	15 48	1 15	0 11	2 29	3 54	0 33	23 33	0 13	9 29	7 23	13 38	13 16	8 46		n.a.
T 20	22 48	10 46	5 3	19 12	4 5	24 22	0 54	3 32	2 20	15 44	1 15	0 12	2 29	3 55	0 33	23 33	0 13	9 29	7 23	13 39	13 17	8 48		n.a.
F 21	22 41	13 58	5 11	19 27	3 54	24 18	0 55	3 44	2 20	15 40	1 15	0 14	2 28	3 55	0 33	23 33	0 13	9 29	7 22	13 41	13 18	8 49		n.a.
S 22	22 33	16 36	5 4	19 43	3 41	24 13	0 57	3 57	2 20	15 37	1 15	0 15	2 28	3 56	0 33	23 33	0 13	9 29	7 22	13 42	13 20	8 51		n.a.
S 23	22 25	18 33	4 44	20 0	3 27	24 8	0 59	4 9	2 20	15 33	1 15	0 17	2 28	3 56	0 33	23 34	0 13	9 29	7 22	13 44	13 21	8 53		n.a.
M24	22 17	19 39	4 10	20 17	3 12	24 2	1 1	4 21	2 20	15 29	1 15	0 18	2 28	3 57	0 33	23 34	0 13	9 29	7 21	13 46	13 22	8 55		n.a.
T 25	22 8	19 46	3 22	20 35	2 55	23 55	1 2	4 33	2 20	15 24	1 15	0 20	2 27	3 57	0 33	23 34	0 13	9 30	7 21	13 48	13 23	8 57		n.a.
W26	21 58	18 51	2 24	20 53	2 39	23 47	1 4	4 44	2 20	15 20	1 15	0 21	2 27	3 58	0 33	23 34	0 13	9 30	7 21	13 49	13 24	8 59		n.a.
T 27	21 49	16 55	1 16	21 10	2 21	23 39	1 5	4 56	2 20	15 16	1 14	0 23	2 27	3 59	0 33	23 34	0 13	9 30	7 20	13 50	13 25	9 1		n.a.
F 28	21 39	14 0	0 4	21 28	2 3	23 30	1 7	5 7	2 20	15 12	1 14	0 24	2 27	3 59	0 33	23 34	0 13	9 30	7 20	13 50	13 26	9 3		n.a.
S 29	21 28	10 18	1n11	21 45	1 45	23 20	1 8	5 19	2 20	15 8	1 14	0 26	2 26	4 0	0 33	23 34	0 13	9 30	7 20	13 50	13 27	9 5		n.a.
S 30	21 17	6 1	2 22	22 2	1 28	23 10	1 10	5 30	2 20	15 4	1 14	0 28	2 26	4 0	0 33	23 34	0 13	9 31	7 19	13 50	13 28	9 7		n.a.
M31	21n 6	1n22	3n25	22n17	1s10	22n59	1n11	5n41	2s19	15n 0	1n14	0s29	2n26	4s 1	0n33	23s34	0n13	9s31	7n19	13n49	13n29	9n 9		n.a.

Julian Day Number = 1370233.5, Delta T = 06h51m18s
Ecliptic obliquity = 23°48'28, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°21'00, Lahiri = -17°14'00 Julian Calendar 1 July 962 BCE == Greg. Calendar 22 June 962 BCE

The year -961 astronomical counting style corresponds to year 962 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 962 BCE
geocentric

AUGUST 962 BCE (-961) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 58 55	27♋51'53	18♎27	10♋13	24♋14	20♈12	23♌54	6♎48	11♎17	2°R51	14°R44	23♌44	24♌39	6♉11	n.a.	T 1
W 2	20 2 52	28°50'12	2♏38	10°56	25°29	20°39	24° 6	6°52	11°19	2♑50	14♏44	23°R44	24°36	6°17	n.a.	W 2
T 3	20 6 48	29°48'32	16°53	11°48	26°44	21° 7	24°18	6°56	11°21	2°48	14°44	23°43	24°33	6°24	n.a.	T 3
F 4	20 10 45	0♌46'54	1♐10	12°47	27°58	21°34	24°31	7° 0	11°23	2°47	14°44	23°41	24°29	6°31	n.a.	F 4
S 5	20 14 42	1°45'18	15°25	13°53	29°13	22° 1	24°43	7° 4	11°24	2°46	14°44	23°38	24°26	6°38	n.a.	S 5
S 6	20 18 38	2°43'43	29°34	15° 6	0♌28	22°27	24°56	7° 9	11°26	2°44	14°D44	23°35	24°23	6°44	n.a.	S 6
M 7	20 22 35	3°42'10	13♑33	16°25	1°43	22°53	25° 8	7°13	11°28	2°43	14°44	23°33	24°20	6°51	n.a.	M 7
T 8	20 26 31	4°40'40	27°19	17°49	2°57	23°18	25°21	7°17	11°30	2°41	14°44	23°31	24°17	6°58	n.a.	T 8
W 9	20 30 28	5°39'11	10♒48	19°18	4°12	23°43	25°34	7°22	11°32	2°40	14°44	23°29	24°14	7° 4	n.a.	W 9
T 10	20 34 24	6°37'44	24° 0	20°51	5°27	24° 8	25°46	7°26	11°34	2°39	14°44	23°D29	24°10	7°11	n.a.	T 10
F 11	20 38 21	7°36'19	6♓52	22°28	6°42	24°32	25°59	7°31	11°36	2°38	14°44	23°29	24° 7	7°18	n.a.	F 11
S 12	20 42 17	8°34'57	19°27	24° 9	7°57	24°56	26°12	7°35	11°38	2°36	14°44	23°30	24° 4	7°25	n.a.	S 12
S 13	20 46 14	9°33'37	1♈46	25°52	9°11	25°20	26°24	7°40	11°41	2°35	14°45	23°31	24° 1	7°31	n.a.	S 13
M14	20 50 11	10°32'19	13°52	27°37	10°26	25°43	26°37	7°45	11°43	2°34	14°45	23°33	23°58	7°38	n.a.	M14
T 15	20 54 7	11°31'03	25°50	29°24	11°41	26° 5	26°50	7°50	11°45	2°33	14°45	23°34	23°55	7°45	n.a.	T 15
W16	20 58 4	12°29'50	7♉43	1♌13	12°56	26°27	27° 3	7°54	11°47	2°32	14°45	23°R34	23°51	7°51	n.a.	W16
T 17	21 2 0	13°28'39	19°36	3° 2	14°11	26°48	27°16	7°59	11°50	2°30	14°46	23°34	23°48	7°58	n.a.	T 17
F 18	21 5 57	14°27'31	1♊34	4°52	15°26	27° 9	27°29	8° 4	11°52	2°29	14°46	23°34	23°45	8° 5	n.a.	F 18
S 19	21 9 53	15°26'25	13°42	6°43	16°41	27°30	27°42	8°10	11°55	2°28	14°46	23°33	23°42	8°12	n.a.	S 19
S 20	21 13 50	16°25'22	26° 3	8°33	17°56	27°50	27°54	8°15	11°57	2°27	14°47	23°32	23°39	8°18	n.a.	S 20
M21	21 17 46	17°24'21	8♋40	10°24	19°11	28° 9	28° 7	8°20	12° 0	2°26	14°47	23°31	23°35	8°25	n.a.	M21
T 22	21 21 43	18°23'22	21°36	12°15	20°26	28°28	28°20	8°25	12° 2	2°25	14°48	23°30	23°32	8°32	n.a.	T 22
W23	21 25 39	19°22'25	4♌52	14° 5	21°41	28°46	28°33	8°31	12° 5	2°24	14°48	23°30	23°29	8°39	n.a.	W23
T 24	21 29 36	20°21'31	18°27	15°54	22°56	29° 4	28°46	8°36	12° 7	2°23	14°49	23°D30	23°26	8°45	n.a.	T 24
F 25	21 33 33	21°20'39	2♍18	17°43	24°11	29°21	28°59	8°41	12°10	2°22	14°49	23°30	23°23	8°52	n.a.	F 25
S 26	21 37 29	22°19'49	16°24	19°32	25°26	29°38	29°12	8°47	12°13	2°21	14°50	23°30	23°20	8°59	n.a.	S 26
S 27	21 41 26	23°19'01	0♎40	21°20	26°41	29°54	29°25	8°52	12°15	2°20	14°51	23°R30	23°16	9° 5	n.a.	S 27
M28	21 45 22	24°18'15	15° 1	23° 7	27°56	0♉ 9	29°39	8°58	12°18	2°19	14°51	23°30	23°13	9°12	n.a.	M28
T 29	21 49 19	25°17'31	29°23	24°53	29°12	0°24	29°52	9° 4	12°21	2°19	14°52	23°30	23°10	9°19	n.a.	T 29
W30	21 53 15	26°16'49	13♏42	26°39	0♍27	0°38	0♍ 5	9°10	12°24	2°18	14°53	23°30	23° 7	9°26	n.a.	W30
T 31	21 57 12	27♌16'09	27♏55	28♌23	1♍42	0♉51	0♍18	9♎15	12♎27	2♑17	14♏54	23°D30	23♌ 4	9♉32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20n54	3s23	4n17	22n32	0s53	22n47	1n12	5n52	2s19	14n55	1n14	0s31	2n26	4s 2	0n33	23s34	0n13	9s31	7n19	13n49	13n30	9n11			n.a.
W 2	20 43	7 59	4 53	22 45	0 36	22 34	1 13	6 3	2 19	14 51	1 14	0 33	2 25	4 2	0 33	23 34	0 13	9 31	7 18	13 49	13 31	9 13			n.a.
T 3	20 30	12 9	5 12	22 56	0 20	22 21	1 14	6 13	2 19	14 47	1 14	0 35	2 25	4 3	0 33	23 34	0 13	9 32	7 18	13 49	13 33	9 15			n.a.
F 4	20 18	15 38	5 12	23 6	0 5	22 7	1 15	6 24	2 19	14 43	1 14	0 37	2 25	4 4	0 33	23 34	0 13	9 32	7 18	13 50	13 34	9 17			n.a.
S 5	20 4	18 9	4 52	23 14	0n10	21 52	1 16	6 34	2 18	14 38	1 14	0 38	2 25	4 5	0 33	23 34	0 13	9 32	7 17	13 51	13 35	9 19			n.a.
S 6	19 51	19 34	4 15	23 19	0 23	21 37	1 17	6 44	2 18	14 34	1 14	0 40	2 24	4 5	0 33	23 34	0 13	9 33	7 17	13 52	13 36	9 21			n.a.
M 7	19 37	19 45	3 23	23 22	0 36	21 21	1 18	6 54	2 18	14 30	1 14	0 42	2 24	4 6	0 33	23 34	0 13	9 33	7 17	13 53	13 37	9 23			n.a.
T 8	19 23	18 44	2 19	23 23	0 47	21 5	1 19	7 4	2 18	14 25	1 14	0 44	2 24	4 7	0 33	23 34	0 13	9 33	7 16	13 53	13 38	9 25			n.a.
W 9	19 9	16 41	1 9	23 21	0 58	20 48	1 20	7 13	2 17	14 21	1 14	0 46	2 24	4 8	0 33	23 34	0 12	9 34	7 16	13 54	13 39	9 26			n.a.
T 10	18 54	13 46	0s 3	23 16	1 8	20 30	1 21	7 23	2 17	14 17	1 14	0 48	2 24	4 9	0 33	23 34	0 12	9 34	7 16	13 54	13 40	9 28			n.a.
F 11	18 39	10 15	1 13	23 9	1 16	20 12	1 21	7 32	2 17	14 12	1 14	0 50	2 23	4 10	0 33	23 34	0 12	9 34	7 15	13 54	13 41	9 30			n.a.
S 12	18 24	6 22	2 19	22 59	1 24	19 53	1 22	7 41	2 17	14 8	1 14	0 52	2 23	4 10	0 33	23 34	0 12	9 35	7 15	13 54	13 42	9 32			n.a.
S 13	18 8	2 17	3 16	22 46	1 30	19 33	1 22	7 50	2 16	14 3	1 14	0 54	2 23	4 11	0 33	23 35	0 12	9 35	7 15	13 53	13 43	9 34			n.a.
M14	17 52	1n49	4 4	22 31	1 36	19 13	1 23	7 59	2 16	13 59	1 14	0 56	2 23	4 12	0 32	23 35	0 12	9 36	7 14	13 53	13 44	9 36			n.a.
T 15	17 36	5 47	4 40	22 13	1 40	18 53	1 23	8 7	2 15	13 54	1 14	0 58	2 23	4 13	0 32	23 35	0 12	9 36	7 14	13 52	13 45	9 38			n.a.
W16	17 19	9 30	5 5	21 53	1 44	18 32	1 24	8 16	2 15	13 50	1 14	1 1	2 22	4 14	0 32	23 35	0 12	9 36	7 14	13 52	13 46	9 40			n.a.
T 17	17 2	12 50	5 16	21 31	1 47	18 10	1 24	8 24	2 15	13 45	1 14	1 3	2 22	4 15	0 32	23 35	0 12	9 37	7 13	13 52	13 48	9 42			n.a.
F 18	16 45	15 40	5 14	21 6	1 49	17 48	1 24	8 32	2 14	13 41	1 13	1 5	2 22	4 16	0 32	23 35	0 12	9 37	7 13	13 52	13 49	9 44			n.a.
S 19	16 27	17 52	4 57	20 39	1 50	17 25	1 24	8 40	2 14	13 36	1 13	1 7	2 22	4 17	0 32	23 35	0 12	9 38	7 13	13 53	13 50	9 46			n.a.
S 20	16 9	19 18	4 27	20 11	1 51	17 2	1 24	8 48	2 13	13 32	1 13	1 9	2 22	4 18	0 32	23 35	0 12	9 38	7 12	13 53	13 51	9 48			n.a.
M21	15 51	19 48	3 44	19 41	1 51	16 38	1 24	8 55	2 13	13 27	1 13	1 12	2 21	4 19	0 32	23 35	0 12	9 39	7 12	13 53	13 52	9 50			n.a.
T 22	15 33	19 17	2 48	19 9	1 50	16 14	1 24	9 2	2 12	13 23	1 13	1 14	2 21	4 20	0 32	23 35	0 12	9 39	7 12	13 53	13 53	9 52			n.a.
W23	15 14	17 42	1 42	18 35	1 49	15 49	1 24	9 10	2 11	13 18	1 13	1 16	2 21	4 21	0 32	23 35	0 12	9 39	7 11	13 54	13 54	9 54			n.a.
T 24	14 55	15 5	0 28	18 1	1 47	15 24	1 24	9 16	2 11	13 13	1 13	1 19	2 21	4 22	0 32	23 35	0 12	9 40	7 11	13 54	13 55	9 55			n.a.
F 25	14 36	11 34	0n49	17 25	1 44	14 59	1 24	9 23	2 10	13 9	1 13	1 21	2 21	4 23	0 32	23 35	0 12	9 40	7 11	13 54	13 56	9 57			n.a.
S 26	14 17	7 20	2 4	16 48	1 42	14 33	1 24	9 30	2 10	13 4	1 13	1 23	2 20	4 24	0 32	23 35	0 12	9 41	7 10	13 54	13 57	9 59			n.a.
S 27	13 57	2 40	3 12	16 10	1 38	14 7	1 23	9 36	2 9	13 0	1 13	1 26	2 20	4 26	0 32	23 35	0 12	9 41	7 10	13 54	13 58	10 1			n.a.
M28	13 37	2s11	4 9	15 31	1 35	13 40	1 23	9 42	2 8	12 55	1 13	1 28	2 20	4 27	0 32	23 35	0 12	9 42	7 10	13 54	13 59	10 3			n.a.
T 29	13 17	6 55	4 50	14 51	1 31	13 13	1 22	9 48	2 7	12 50	1 13	1 30	2 20	4 28	0 32	23 35	0 12	9 42	7 9	13 54	14 0	10 5			n.a.
W30	12 57	11 14	5 13	14 11	1 27	12 45	1 22	9 54	2 7	12 46	1 13	1 33	2 20	4 29	0 32	23 35	0 12	9 43	7 9	13 54	14 1	10 7			n.a.
T 31	12n36	14s52	5n16	13n30	1n22	12n18	1n21	9n59	2s 6	12n41	1n13	1s35	2n20	4s30	0n32	23s35	0n12	9s44	7n 9	13n54	14n 2	10n 9			n.a.

Julian Day Number = 1370264.5, Delta T = 06h51m17s
Ecliptic obliquity = 23°48'28, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°20'56, Lahiri = -17°13'56 Julian Calendar 1 Aug. 962 BCE == Greg. Calendar 23 July 962 BCE

The year -961 astronomical counting style corresponds to year 962 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 962 BCE
geocentric

SEPTEMBER 962 BCE (-961) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 1 8	28♌15'30	12♐ 0	0♍ 7	2♍57	1♉ 4	0♍31	9♎21	12♎30	2°R16	14♏54	23♌30	23♌ 1	9♉39	n.a.	F 1
S 2	22 5 5	29°14'54	25°55	1°51	4°12	1°16	0°44	9°27	12°33	2♊16	14°55	23°30	22°57	9°46	n.a.	S 2
S 3	22 9 1	0♍14'19	9♊39	3°33	5°27	1°27	0°57	9°33	12°36	2°15	14°56	23°31	22°54	9°52	n.a.	S 3
M 4	22 12 58	1°13'47	23°11	5°15	6°42	1°38	1°10	9°39	12°39	2°14	14°57	23°31	22°51	9°59	n.a.	M 4
T 5	22 16 55	2°13'16	6♒30	6°56	7°57	1°47	1°23	9°45	12°42	2°14	14°58	23°32	22°48	10° 6	n.a.	T 5
W 6	22 20 51	3°12'48	19°36	8°36	9°13	1°57	1°36	9°51	12°45	2°13	14°59	23°R32	22°45	10°13	n.a.	W 6
T 7	22 24 48	4°12'21	2♓28	10°15	10°28	2° 5	1°49	9°57	12°48	2°12	15° 0	23°32	22°41	10°19	n.a.	T 7
F 8	22 28 44	5°11'57	15° 6	11°54	11°43	2°13	2° 2	10° 3	12°51	2°12	15° 1	23°32	22°38	10°26	n.a.	F 8
S 9	22 32 41	6°11'34	27°32	13°32	12°58	2°20	2°16	10°10	12°54	2°11	15° 2	23°30	22°35	10°33	n.a.	S 9
S 10	22 36 37	7°11'14	9♈46	15° 9	14°13	2°26	2°29	10°16	12°57	2°11	15° 3	23°28	22°32	10°39	n.a.	S 10
M11	22 40 34	8°10'57	21°50	16°46	15°28	2°31	2°42	10°22	13° 1	2°11	15° 4	23°26	22°29	10°46	n.a.	M11
T 12	22 44 30	9°10'41	3♉46	18°22	16°44	2°36	2°55	10°28	13° 4	2°10	15° 5	23°24	22°26	10°53	n.a.	T 12
W13	22 48 27	10°10'28	15°39	19°57	17°59	2°40	3° 8	10°35	13° 7	2°10	15° 7	23°22	22°22	11° 0	n.a.	W13
T 14	22 52 23	11°10'17	27°31	21°32	19°14	2°43	3°21	10°41	13°10	2° 9	15° 8	23°20	22°19	11° 6	n.a.	T 14
F 15	22 56 20	12°10'09	9♊27	23° 6	20°29	2°45	3°34	10°48	13°14	2° 9	15° 9	23°D20	22°16	11°13	n.a.	F 15
S 16	23 0 17	13°10'03	21°32	24°39	21°44	2°46	3°47	10°54	13°17	2° 9	15°10	23°20	22°13	11°20	n.a.	S 16
S 17	23 4 13	14°10'00	3♋51	26°12	23° 0	2°R46	4° 0	11° 1	13°20	2° 9	15°11	23°21	22°10	11°27	n.a.	S 17
M18	23 8 10	15° 9'59	16°28	27°45	24°15	2°46	4°13	11° 7	13°24	2° 8	15°13	23°22	22° 6	11°33	n.a.	M18
T 19	23 12 6	16°10'00	29°26	29°17	25°30	2°44	4°26	11°14	13°27	2° 8	15°14	23°24	22° 3	11°40	n.a.	T 19
W20	23 16 3	17°10'03	12♌48	0♎48	26°45	2°42	4°39	11°20	13°31	2° 8	15°15	23°25	22° 0	11°47	n.a.	W20
T 21	23 19 59	18°10'08	26°35	2°19	28° 1	2°39	4°52	11°27	13°34	2° 8	15°17	23°R25	21°57	11°53	n.a.	T 21
F 22	23 23 56	19°10'16	10♍46	3°49	29°16	2°35	5° 5	11°34	13°38	2° 8	15°18	23°25	21°54	12° 0	n.a.	F 22
S 23	23 27 52	20°10'26	25°17	5°18	0♎31	2°30	5°18	11°40	13°41	2° 8	15°20	23°22	21°51	12° 7	n.a.	S 23
S 24	23 31 49	21°10'37	10♎ 0	6°47	1°46	2°24	5°31	11°47	13°45	2°D 8	15°21	23°19	21°47	12°14	n.a.	S 24
M25	23 35 46	22°10'50	24°50	8°16	3° 1	2°18	5°43	11°54	13°48	2° 8	15°23	23°15	21°44	12°20	n.a.	M25
T 26	23 39 42	23°11'06	9♏38	9°44	4°17	2°10	5°56	12° 1	13°52	2° 8	15°24	23°10	21°41	12°27	n.a.	T 26
W27	23 43 39	24°11'22	24°17	11°11	5°32	2° 2	6° 9	12° 7	13°55	2° 8	15°26	23° 7	21°38	12°34	n.a.	W27
T 28	23 47 35	25°11'41	8♐41	12°38	6°47	1°52	6°22	12°14	13°59	2° 8	15°27	23° 4	21°35	12°40	n.a.	T 28
F 29	23 51 32	26°12'01	22°47	14° 4	8° 2	1°42	6°35	12°21	14° 2	2° 8	15°29	23°D 3	21°32	12°47	n.a.	F 29
S 30	23 55 28	27♍12'23	6♊34	15♎29	9♎18	1♉31	6♍47	12♎28	14♎ 6	2♊ 8	15♏31	23♌ 3	21♌28	12♉54	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n16	17s36	5n 1	12n48	1n17	11n50	1n20	10n 4	2s 5	12n36	1n13	1s38	2n19	4s31	0n32	23s35	0n12	9s44	7n 8	13n54	14n 3	10n11		n.a.
S 2	11 55	19 17	4 28	12 6	1 12	11 21	1 20	10 9	2 4	12 31	1 13	1 40	2 19	4 32	0 32	23 35	0 12	9 45	7 8	13 54	14 4	10 13		n.a.
S 3	11 34	19 48	3 40	11 23	1 7	10 52	1 19	10 14	2 3	12 27	1 13	1 43	2 19	4 34	0 32	23 35	0 12	9 45	7 8	13 53	14 6	10 15		n.a.
M 4	11 12	19 9	2 40	10 40	1 1	10 23	1 18	10 19	2 2	12 22	1 14	1 45	2 19	4 35	0 32	23 35	0 12	9 46	7 7	13 53	14 7	10 17		n.a.
T 5	10 51	17 26	1 33	9 57	0 55	9 54	1 17	10 23	2 2	12 17	1 14	1 48	2 19	4 36	0 32	23 35	0 12	9 46	7 7	13 53	14 8	10 19		n.a.
W 6	10 29	14 49	0 22	9 14	0 49	9 25	1 16	10 27	2 1	12 13	1 14	1 50	2 19	4 37	0 32	23 35	0 12	9 47	7 7	13 53	14 9	10 20		n.a.
T 7	10 7	11 31	0s49	8 30	0 43	8 55	1 15	10 31	2 0	12 8	1 14	1 53	2 19	4 39	0 32	23 35	0 12	9 48	7 6	13 53	14 10	10 22		n.a.
F 8	9 45	7 45	1 57	7 46	0 37	8 25	1 14	10 35	1 58	12 3	1 14	1 55	2 18	4 40	0 32	23 35	0 12	9 48	7 6	13 53	14 11	10 24		n.a.
S 9	9 23	3 42	2 57	7 2	0 31	7 54	1 13	10 38	1 57	11 58	1 14	1 58	2 18	4 41	0 32	23 35	0 12	9 49	7 6	13 54	14 12	10 26		n.a.
S 10	9 0	0n26	3 49	6 18	0 24	7 24	1 12	10 41	1 56	11 54	1 14	2 1	2 18	4 42	0 32	23 35	0 12	9 49	7 5	13 54	14 13	10 28		n.a.
M11	8 38	4 29	4 29	5 34	0 18	6 53	1 10	10 44	1 55	11 49	1 14	2 3	2 18	4 44	0 32	23 36	0 12	9 50	7 5	13 55	14 14	10 30		n.a.
T 12	8 15	8 19	4 57	4 50	0 11	6 22	1 9	10 47	1 54	11 44	1 14	2 6	2 18	4 45	0 32	23 36	0 12	9 51	7 5	13 56	14 15	10 32		n.a.
W13	7 52	11 48	5 13	4 6	0 4	5 51	1 7	10 49	1 53	11 39	1 14	2 9	2 18	4 46	0 32	23 36	0 12	9 51	7 4	13 56	14 16	10 34		n.a.
T 14	7 29	14 48	5 15	3 22	0s 2	5 20	1 6	10 52	1 51	11 35	1 14	2 11	2 18	4 48	0 32	23 36	0 12	9 52	7 4	13 57	14 17	10 36		n.a.
F 15	7 6	17 13	5 3	2 38	0 9	4 49	1 5	10 53	1 50	11 30	1 14	2 14	2 18	4 49	0 32	23 36	0 12	9 52	7 4	13 57	14 18	10 38		n.a.
S 16	6 43	18 54	4 38	1 55	0 16	4 17	1 3	10 55	1 49	11 25	1 14	2 17	2 17	4 50	0 32	23 36	0 12	9 53	7 4	13 57	14 19	10 40		n.a.
S 17	6 19	19 45	4 0	1 11	0 23	3 46	1 1	10 57	1 47	11 20	1 14	2 19	2 17	4 52	0 32	23 36	0 12	9 54	7 3	13 57	14 20	10 41		n.a.
M18	5 56	19 38	3 10	0 28	0 29	3 14	1 0	10 58	1 46	11 16	1 14	2 22	2 17	4 53	0 32	23 36	0 12	9 54	7 3	13 56	14 21	10 43		n.a.
T 19	5 32	18 30	2 8	0s16	0 36	2 42	0 58	10 59	1 44	11 11	1 14	2 25	2 17	4 54	0 32	23 36	0 12	9 55	7 3	13 56	14 22	10 45		n.a.
W20	5 9	16 18	0 58	0 59	0 43	2 10	0 56	10 59	1 43	11 6	1 14	2 27	2 17	4 56	0 32	23 36	0 12	9 56	7 2	13 55	14 23	10 47		n.a.
T 21	4 45	13 7	0n17	1 41	0 50	1 38	0 55	11 0	1 41	11 1	1 14	2 30	2 17	4 57	0 32	23 36	0 12	9 56	7 2	13 55	14 24	10 49		n.a.
F 22	4 21	9 5	1 34	2 24	0 56	1 6	0 53	11 0	1 40	10 56	1 14	2 33	2 17	4 59	0 31	23 36	0 12	9 57	7 2	13 55	14 25	10 51		n.a.
S 23	3 57	4 26	2 46	3 6	1 3	0 34	0 51	11 0	1 38	10 52	1 14	2 36	2 17	5 0	0 31	23 36	0 12	9 58	7 2	13 56	14 27	10 53		n.a.
S 24	3 33	0s32	3 48	3 48	1 9	0 2	0 49	11 0	1 36	10 47	1 14	2 38	2 17	5 1	0 31	23 36	0 12	9 58	7 1	13 57	14 28	10 55		n.a.
M25	3 9	5 30	4 35	4 29	1 16	0s30	0 47	10 59	1 34	10 42	1 14	2 41	2 17	5 3	0 31	23 36	0 12	9 59	7 1	13 59	14 29	10 57		n.a.
T 26	2 45	10 7	5 4	5 10	1 22	1 2	0 45	10 58	1 32	10 37	1 15	2 44	2 16	5 4	0 31	23 36	0 12	10 0	7 1	14 0	14 30	10 59		n.a.
W27	2 21	14 5	5 12	5 51	1 28	1 35	0 43	10 57	1 31	10 33	1 15	2 47	2 16	5 6	0 31	23 36	0 12	10 1	7 0	14 1	14 31	11 0		n.a.
T 28	1 56	17 8	5 1	6 31	1 35	2 7	0 41	10 55	1 29	10 28	1 15	2 49	2 16	5 7	0 31	23 36	0 12	10 1	7 0	14 2	14 32	11 2		n.a.
F 29	1 32	19 5	4 32	7 10	1 41	2 39	0 39	10 54	1 27	10 23	1 15	2 52	2 16	5 8	0 31	23 36	0 12	10 2	7 0	14 3	14 33	11 4		n.a.
S 30	1n 8	19s52	3n47	7s49	1s46	3s11	0n37	10n52	1s25	10n19	1n15	2s55	2n16	5s10	0n31	23s36	0n12	10s 3	7n 0	14n 3	14n34	11n 6		n.a.

Julian Day Number = 1370295.5, Delta T = 06h51m15s
Ecliptic obliquity = 23°48'29, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°20'52, Lahiri = -17°13'52 Julian Calendar 1 Sept. 962 BCE == Greg. Calendar 23 Aug. 962 BCE

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ASTRODIENST EPHEMERIS for the year 962 BCE
geocentric

OCTOBER 962 BCE (-961) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 59 25	28♍12'46	20♑ 3	16♎54	10♎33	1°R19	7♍ 0	12♎35	14♎10	2♑ 9	15♏32	23♌ 5	21♌25	13♉ 1	n.a.	S 1
M 2	0 3 21	29°13'11	3♒15	18°18	11°48	1♉ 7	7°13	12°42	14°13	2° 9	15°34	23° 6	21°22	13° 7	n.a.	M 2
T 3	0 7 18	0♎13'37	16°11	19°41	13° 3	0°53	7°25	12°49	14°17	2° 9	15°35	23° 7	21°19	13°14	n.a.	T 3
W 4	0 11 15	1°14'05	28°55	21° 3	14°18	0°39	7°38	12°56	14°21	2°10	15°37	23°R 7	21°16	13°21	n.a.	W 4
T 5	0 15 11	2°14'35	11♓27	22°24	15°33	0°24	7°50	13° 3	14°24	2°10	15°39	23° 6	21°12	13°28	n.a.	T 5
F 6	0 19 8	3°15'06	23°49	23°45	16°49	0° 8	8° 3	13°10	14°28	2°10	15°41	23° 2	21° 9	13°34	n.a.	F 6
S 7	0 23 4	4°15'38	6♈ 3	25° 3	18° 4	29♈51	8°15	13°16	14°32	2°11	15°42	22°56	21° 6	13°41	n.a.	S 7
S 8	0 27 1	5°16'13	18° 9	26°21	19°19	29°34	8°28	13°23	14°35	2°11	15°44	22°49	21° 3	13°48	n.a.	S 8
M 9	0 30 57	6°16'49	0♉ 8	27°37	20°34	29°16	8°40	13°30	14°39	2°12	15°46	22°40	21° 0	13°54	n.a.	M 9
T 10	0 34 54	7°17'27	12° 3	28°51	21°49	28°57	8°52	13°37	14°43	2°12	15°48	22°31	20°57	14° 1	n.a.	T 10
W11	0 38 50	8°18'06	23°54	0♏ 4	23° 4	28°38	9° 5	13°44	14°47	2°13	15°50	22°23	20°53	14° 8	n.a.	W11
T 12	0 42 47	9°18'48	5♊46	1°14	24°20	28°19	9°17	13°52	14°50	2°13	15°52	22°16	20°50	14°15	n.a.	T 12
F 13	0 46 43	10°19'31	17°40	2°22	25°35	27°58	9°29	13°59	14°54	2°14	15°53	22°11	20°47	14°21	n.a.	F 13
S 14	0 50 40	11°20'16	29°42	3°27	26°50	27°37	9°41	14° 6	14°58	2°15	15°55	22° 8	20°44	14°28	n.a.	S 14
S 15	0 54 37	12°21'03	11♋56	4°30	28° 5	27°16	9°53	14°13	15° 1	2°15	15°57	22°D 8	20°41	14°35	n.a.	S 15
M16	0 58 33	13°21'51	24°27	5°28	29°20	26°54	10° 5	14°20	15° 5	2°16	15°59	22° 8	20°37	14°41	n.a.	M16
T 17	1 2 30	14°22'42	7♌19	6°23	0♏35	26°32	10°17	14°27	15° 9	2°17	16° 1	22° 9	20°34	14°48	n.a.	T 17
W18	1 6 26	15°23'34	20°37	7°13	1°50	26°10	10°29	14°34	15°13	2°18	16° 3	22°R10	20°31	14°55	n.a.	W18
T 19	1 10 23	16°24'27	4♍24	7°58	3° 5	25°47	10°41	14°41	15°16	2°19	16° 5	22° 9	20°28	15° 2	n.a.	T 19
F 20	1 14 19	17°25'22	18°39	8°37	4°21	25°24	10°53	14°48	15°20	2°19	16° 7	22° 6	20°25	15° 8	n.a.	F 20
S 21	1 18 16	18°26'18	3♎20	9°10	5°36	25° 1	11° 4	14°55	15°24	2°20	16° 9	22° 1	20°22	15°15	n.a.	S 21
S 22	1 22 12	19°27'16	18°22	9°36	6°51	24°38	11°16	15° 2	15°28	2°21	16°11	21°53	20°18	15°22	n.a.	S 22
M23	1 26 9	20°28'15	3♏34	9°54	8° 6	24°14	11°27	15° 9	15°31	2°22	16°13	21°44	20°15	15°29	n.a.	M23
T 24	1 30 6	21°29'15	18°47	10°R 2	9°21	23°51	11°39	15°16	15°35	2°23	16°15	21°35	20°12	15°35	n.a.	T 24
W25	1 34 2	22°30'17	3♐49	10° 2	10°36	23°28	11°50	15°23	15°39	2°24	16°17	21°26	20° 9	15°42	n.a.	W25
T 26	1 37 59	23°31'19	18°32	9°51	11°51	23° 4	12° 2	15°30	15°43	2°25	16°19	21°19	20° 6	15°49	n.a.	T 26
F 27	1 41 55	24°32'22	2♑51	9°29	13° 6	22°41	12°13	15°37	15°46	2°26	16°21	21°15	20° 3	15°55	n.a.	F 27
S 28	1 45 52	25°33'26	16°43	8°55	14°21	22°19	12°24	15°44	15°50	2°28	16°24	21°13	19°59	16° 2	n.a.	S 28
S 29	1 49 48	26°34'31	0♒10	8°11	15°36	21°56	12°35	15°51	15°54	2°29	16°26	21°D12	19°56	16° 9	n.a.	S 29
M30	1 53 45	27°35'36	13°14	7°16	16°51	21°33	12°47	15°58	15°57	2°30	16°28	21°13	19°53	16°16	n.a.	M30
T 31	1 57 41	28♎36'42	25♒59	6♏12	18♏ 6	21♈11	12♍58	16♎ 5	16♎ 1	2♑31	16♏30	21°R13	19♌50	16♉22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	0n43	19s28	2n51	8s27	1s52	3s43	0n34	10n50	1s23	10n14	1n15	2s58	2n16	5s11	0n31	23s36	0n11	10s 3	6n59	14n 2	14n35	11n 8			n.a.
M 2	0 19	18 1	1 46	9 5	1 57	4 15	0 32	10 47	1 20	10 9	1 15	3 0	2 16	5 13	0 31	23 36	0 11	10 4	6 59	14 2	14 36	11 10			n.a.
T 3	0s 5	15 38	0 38	9 42	2 3	4 46	0 30	10 44	1 18	10 4	1 15	3 3	2 16	5 14	0 31	23 36	0 11	10 5	6 59	14 1	14 37	11 12			n.a.
W 4	0 30	12 31	0s31	10 18	2 8	5 18	0 28	10 41	1 16	10 0	1 15	3 6	2 16	5 16	0 31	23 36	0 11	10 6	6 59	14 1	14 38	11 14			n.a.
T 5	0 54	8 53	1 38	10 53	2 12	5 50	0 25	10 38	1 14	9 55	1 15	3 9	2 16	5 17	0 31	23 36	0 11	10 6	6 58	14 2	14 39	11 16			n.a.
F 6	1 19	4 55	2 39	11 28	2 17	6 21	0 23	10 35	1 11	9 51	1 15	3 12	2 16	5 19	0 31	23 36	0 11	10 7	6 58	14 3	14 40	11 17			n.a.
S 7	1 43	0 47	3 31	12 1	2 21	6 52	0 21	10 31	1 9	9 46	1 15	3 14	2 16	5 20	0 31	23 36	0 11	10 8	6 58	14 5	14 41	11 19			n.a.
S 8	2 8	3n19	4 14	12 34	2 25	7 24	0 18	10 27	1 7	9 41	1 16	3 17	2 16	5 21	0 31	23 36	0 11	10 9	6 58	14 7	14 42	11 21			n.a.
M 9	2 32	7 16	4 44	13 5	2 28	7 55	0 16	10 23	1 4	9 37	1 16	3 20	2 16	5 23	0 31	23 36	0 11	10 9	6 57	14 10	14 43	11 23			n.a.
T 10	2 56	10 53	5 3	13 35	2 31	8 25	0 13	10 19	1 2	9 32	1 16	3 23	2 16	5 24	0 31	23 36	0 11	10 10	6 57	14 13	14 44	11 25			n.a.
W11	3 20	14 4	5 7	14 3	2 33	8 56	0 11	10 14	0 59	9 27	1 16	3 26	2 16	5 26	0 31	23 36	0 11	10 11	6 57	14 16	14 45	11 27			n.a.
T 12	3 45	16 41	4 59	14 30	2 35	9 26	0 9	10 9	0 57	9 23	1 16	3 28	2 15	5 27	0 31	23 36	0 11	10 12	6 57	14 18	14 46	11 29			n.a.
F 13	4 9	18 37	4 38	14 56	2 37	9 57	0 6	10 5	0 54	9 18	1 16	3 31	2 15	5 29	0 31	23 36	0 11	10 12	6 56	14 20	14 47	11 31			n.a.
S 14	4 33	19 44	4 4	15 19	2 38	10 26	0 4	9 59	0 51	9 14	1 16	3 34	2 15	5 30	0 31	23 36	0 11	10 13	6 56	14 21	14 48	11 33			n.a.
S 15	4 57	19 57	3 19	15 41	2 38	10 56	0 1	9 54	0 49	9 9	1 16	3 37	2 15	5 32	0 31	23 36	0 11	10 14	6 56	14 21	14 49	11 34			n.a.
M16	5 21	19 13	2 23	16 1	2 37	11 26	0s 1	9 49	0 46	9 5	1 16	3 39	2 15	5 33	0 31	23 36	0 11	10 15	6 56	14 21	14 50	11 36			n.a.
T 17	5 45	17 27	1 19	16 18	2 36	11 55	0 4	9 43	0 43	9 0	1 17	3 42	2 15	5 35	0 31	23 36	0 11	10 15	6 56	14 20	14 51	11 38			n.a.
W18	6 9	14 43	0 8	16 33	2 34	12 24	0 6	9 38	0 40	8 56	1 17	3 45	2 15	5 36	0 31	23 36	0 11	10 16	6 55	14 20	14 52	11 40			n.a.
T 19	6 33	11 3	1n 5	16 45	2 30	12 52	0 9	9 32	0 38	8 51	1 17	3 48	2 15	5 38	0 31	23 36	0 11	10 17	6 55	14 20	14 53	11 42			n.a.
F 20	6 57	6 39	2 17	16 54	2 26	13 20	0 11	9 26	0 35	8 47	1 17	3 51	2 15	5 39	0 31	23 36	0 11	10 18	6 55	14 21	14 54	11 44			n.a.
S 21	7 20	1 44	3 22	16 59	2 20	13 48	0 14	9 20	0 32	8 43	1 17	3 53	2 15	5 41	0 31	23 36	0 11	10 18	6 55	14 23	14 55	11 46			n.a.
S 22	7 44	3s24	4 14	17 1	2 14	14 16	0 16	9 14	0 29	8 38	1 17	3 56	2 15	5 42	0 31	23 36	0 11	10 19	6 55	14 26	14 56	11 47			n.a.
M23	8 7	8 22	4 49	16 59	2 6	14 43	0 19	9 8	0 26	8 34	1 17	3 59	2 15	5 43	0 31	23 36	0 11	10 20	6 54	14 29	14 57	11 49			n.a.
T 24	8 30	12 49	5 4	16 53	1 56	15 10	0 21	9 2	0 24	8 30	1 17	4 2	2 15	5 45	0 31	23 36	0 11	10 21	6 54	14 32	14 58	11 51			n.a.
W25	8 53	16 23	4 57	16 42	1 45	15 36	0 24	8 56	0 21	8 25	1 18	4 4	2 15	5 46	0 31	23 36	0 11	10 21	6 54	14 35	14 59	11 53			n.a.
T 26	9 16	18 49	4 31	16 27	1 32	16 3	0 26	8 50	0 18	8 21	1 18	4 7	2 15	5 48	0 31	23 36	0 11	10 22	6 54	14 37	15 1	11 55			n.a.
F 27	9 39	19 59	3 48	16 6	1 18	16 28	0 29	8 44	0 15	8 17	1 18	4 10	2 15	5 49	0 31	23 36	0 11	10 23	6 54	14 38	15 2	11 57			n.a.
S 28	10 2	19 53	2 53	15 40	1 2	16 53	0 31	8 37	0 12	8 12	1 18	4 12	2 15	5 51	0 31	23 36	0 11	10 24	6 53	14 39	15 3	11 59			n.a.
S 29	10 24	18 38	1 50	15 9	0 44	17 18	0 34	8 31	0 9	8 8	1 18	4 15	2 15	5 52	0 31	23 36	0 11	10 24	6 53	14 39	15 4	12 1			n.a.
M30	10 47	16 26	0 42	14 33	0 26	17 42	0 36	8 26	0 7	8 4	1 18	4 18	2 15	5 54	0 31	23 36	0 11	10 25	6 53	14 39	15 5	12 2			n.a.
T 31	11s 9	13s27	0s25	13s53	0s 6	18s 6	0s39	8n20	0s 4	8n 0	1n19	4s21	2n15	5s55	0n31	23s36	0n11	10s26	6n53	14n39	15n 6	12n 4			n.a.

Julian Day Number = 1370325.5, Delta T = 06h51m14s
Ecliptic obliquity = 23°48'29, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°20'48, Lahiri = -17°13'48 Julian Calendar 1 Oct. 962 BCE == Greg. Calendar 22 Sept. 962 BCE

The year -961 astronomical counting style corresponds to year 962 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 962 BCE
geocentric

NOVEMBER 962 BCE (-961) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 1 38	29♎37'48	8♓28	4°R59	19♏21	20°R50	13♍ 8	16♎12	16♎ 5	2♑32	16♏32	21°R12	19♌47	16♉29	n.a.	W 1
T 2	2 5 35	0♏38'55	20°46	3♏41	20°36	20♈29	13°19	16°19	16° 8	2°34	16°34	21♌ 8	19°43	16°36	n.a.	T 2
F 3	2 9 31	1°40'03	2♈55	2°19	21°51	20° 8	13°30	16°26	16°12	2°35	16°36	21° 1	19°40	16°43	n.a.	F 3
S 4	2 13 28	2°41'12	14°57	0°56	23° 6	19°48	13°41	16°32	16°16	2°36	16°39	20°51	19°37	16°49	n.a.	S 4
S 5	2 17 24	3°42'21	26°55	29♎35	24°21	19°28	13°51	16°39	16°19	2°38	16°41	20°39	19°34	16°56	n.a.	S 5
M 6	2 21 21	4°43'31	8♉50	28°19	25°36	19° 9	14° 2	16°46	16°23	2°39	16°43	20°25	19°31	17° 3	n.a.	M 6
T 7	2 25 17	5°44'41	20°43	27°10	26°51	18°50	14°12	16°53	16°27	2°40	16°45	20°10	19°28	17° 9	n.a.	T 7
W 8	2 29 14	6°45'53	2♊35	26° 9	28° 6	18°32	14°22	17° 0	16°30	2°42	16°47	19°56	19°24	17°16	n.a.	W 8
T 9	2 33 10	7°47'05	14°28	25°19	29°20	18°15	14°32	17° 6	16°34	2°43	16°50	19°44	19°21	17°23	n.a.	T 9
F 10	2 37 7	8°48'18	26°25	24°40	0♐35	17°58	14°43	17°13	16°37	2°45	16°52	19°34	19°18	17°30	n.a.	F 10
S 11	2 41 4	9°49'32	8♋27	24°12	1°50	17°42	14°53	17°20	16°41	2°46	16°54	19°28	19°15	17°36	n.a.	S 11
S 12	2 45 0	10°50'46	20°39	23°55	3° 5	17°27	15° 2	17°27	16°44	2°48	16°56	19°24	19°12	17°43	n.a.	S 12
M13	2 48 57	11°52'01	3♌ 6	23°D48	4°20	17°13	15°12	17°33	16°48	2°49	16°58	19°23	19° 9	17°50	n.a.	M13
T 14	2 52 53	12°53'17	15°51	23°52	5°35	16°59	15°22	17°40	16°51	2°51	17° 1	19°22	19° 5	17°56	n.a.	T 14
W15	2 56 50	13°54'34	29° 0	24° 4	6°49	16°46	15°32	17°46	16°55	2°53	17° 3	19°22	19° 2	18° 3	n.a.	W15
T 16	3 0 46	14°55'51	12♍37	24°25	8° 4	16°34	15°41	17°53	16°58	2°54	17° 5	19°21	18°59	18°10	n.a.	T 16
F 17	3 4 43	15°57'08	26°43	24°54	9°19	16°22	15°50	17°59	17° 1	2°56	17° 7	19°17	18°56	18°17	n.a.	F 17
S 18	3 8 39	16°58'26	11♎18	25°30	10°34	16°12	16° 0	18° 6	17° 5	2°58	17° 9	19°11	18°53	18°23	n.a.	S 18
S 19	3 12 36	17°59'45	26°18	26°11	11°48	16° 2	16° 9	18°12	17° 8	2°59	17°12	19° 1	18°49	18°30	n.a.	S 19
M20	3 16 33	19° 1'04	11♏35	26°59	13° 3	15°53	16°18	18°19	17°12	3° 1	17°14	18°50	18°46	18°37	n.a.	M20
T 21	3 20 29	20° 2'23	26°57	27°51	14°18	15°45	16°27	18°25	17°15	3° 3	17°16	18°38	18°43	18°44	n.a.	T 21
W22	3 24 26	21° 3'42	12♐14	28°47	15°33	15°38	16°36	18°31	17°18	3° 5	17°18	18°27	18°40	18°50	n.a.	W22
T 23	3 28 22	22° 5'01	27°13	29°47	16°47	15°32	16°44	18°38	17°21	3° 7	17°21	18°17	18°37	18°57	n.a.	T 23
F 24	3 32 19	23° 6'20	11♑48	0♏50	18° 2	15°26	16°53	18°44	17°25	3° 8	17°23	18°11	18°34	19° 4	n.a.	F 24
S 25	3 36 15	24° 7'39	25°53	1°56	19°17	15°21	17° 1	18°50	17°28	3°10	17°25	18° 7	18°30	19°10	n.a.	S 25
S 26	3 40 12	25° 8'58	9♒28	3° 5	20°31	15°17	17°10	18°56	17°31	3°12	17°27	18° 6	18°27	19°17	n.a.	S 26
M27	3 44 9	26°10'15	22°36	4°17	21°46	15°14	17°18	19° 2	17°34	3°14	17°29	18° 6	18°24	19°24	n.a.	M27
T 28	3 48 5	27°11'33	5♓21	5°30	23° 0	15°12	17°26	19° 9	17°37	3°16	17°32	18° 6	18°21	19°31	n.a.	T 28
W29	3 52 2	28°12'50	17°46	6°45	24°15	15°10	17°34	19°15	17°40	3°18	17°34	18° 4	18°18	19°37	n.a.	W29
T 30	3 55 58	29♏14'06	29♓58	8♏ 2	25♐29	15°D10	17♍42	19♎20	17♎43	3♑20	17♏36	18♌ 0	18♌14	19♉44	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s31	9s55	1s30	13s 9	0n14	18s30	0s41	8n14	0s 1	7n56	1n19	4s23	2n15	5s57	0n31	23s36	0n11	10s27	6n53	14n39	15n 7	12n 6		n.a.
T 2	11 53	6 0	2 30	12 23	0 35	18 52	0 44	8 8	0n 1	7 52	1 19	4 26	2 15	5 58	0 31	23 36	0 11	10 27	6 53	14 41	15 8	12 8		n.a.
F 3	12 14	1 54	3 22	11 36	0 55	19 15	0 46	8 3	0 4	7 48	1 19	4 28	2 15	5 59	0 31	23 36	0 11	10 28	6 52	14 43	15 9	12 10		n.a.
S 4	12 36	2n14	4 4	10 48	1 15	19 37	0 48	7 58	0 7	7 44	1 19	4 31	2 16	6 1	0 31	23 36	0 11	10 29	6 52	14 46	15 10	12 12		n.a.
S 5	12 57	6 15	4 35	10 3	1 33	19 58	0 51	7 52	0 9	7 40	1 19	4 34	2 16	6 2	0 31	23 36	0 11	10 30	6 52	14 50	15 11	12 14		n.a.
M 6	13 18	10 1	4 54	9 20	1 50	20 19	0 53	7 47	0 12	7 36	1 20	4 36	2 16	6 4	0 31	23 36	0 11	10 30	6 52	14 54	15 12	12 15		n.a.
T 7	13 38	13 23	5 0	8 41	2 5	20 39	0 55	7 43	0 15	7 32	1 20	4 39	2 16	6 5	0 31	23 36	0 11	10 31	6 52	14 59	15 13	12 17		n.a.
W 8	13 59	16 13	4 53	8 7	2 17	20 58	0 57	7 38	0 17	7 28	1 20	4 42	2 16	6 6	0 31	23 36	0 11	10 32	6 52	15 4	15 14	12 19		n.a.
T 9	14 19	18 22	4 33	7 39	2 28	21 17	0 59	7 34	0 19	7 24	1 20	4 44	2 16	6 8	0 31	23 36	0 11	10 33	6 52	15 7	15 15	12 21		n.a.
F 10	14 39	19 44	4 1	7 17	2 36	21 36	1 2	7 29	0 22	7 20	1 20	4 47	2 16	6 9	0 31	23 36	0 11	10 33	6 51	15 11	15 16	12 23		n.a.
S 11	14 59	20 14	3 18	7 1	2 42	21 53	1 4	7 25	0 24	7 17	1 20	4 49	2 16	6 11	0 31	23 36	0 11	10 34	6 51	15 13	15 17	12 25		n.a.
S 12	15 19	19 48	2 26	6 51	2 47	22 10	1 6	7 22	0 27	7 13	1 21	4 52	2 16	6 12	0 31	23 36	0 11	10 35	6 51	15 14	15 18	12 26		n.a.
M13	15 38	18 23	1 25	6 46	2 49	22 27	1 8	7 18	0 29	7 9	1 21	4 54	2 16	6 13	0 31	23 36	0 11	10 36	6 51	15 14	15 19	12 28		n.a.
T 14	15 57	16 2	0 19	6 46	2 50	22 43	1 10	7 15	0 31	7 6	1 21	4 57	2 16	6 15	0 31	23 36	0 11	10 36	6 51	15 14	15 20	12 30		n.a.
W15	16 15	12 47	0n51	6 51	2 50	22 58	1 12	7 12	0 33	7 2	1 21	4 59	2 16	6 16	0 31	23 36	0 11	10 37	6 51	15 14	15 21	12 32		n.a.
T 16	16 34	8 46	1 59	7 1	2 48	23 12	1 14	7 9	0 36	6 59	1 21	5 2	2 16	6 17	0 31	23 36	0 11	10 38	6 51	15 15	15 22	12 34		n.a.
F 17	16 52	4 7	3 3	7 14	2 45	23 26	1 16	7 7	0 38	6 55	1 22	5 4	2 16	6 19	0 31	23 36	0 11	10 39	6 51	15 16	15 23	12 36		n.a.
S 18	17 10	0s54	3 58	7 30	2 41	23 39	1 18	7 4	0 40	6 52	1 22	5 6	2 16	6 20	0 31	23 36	0 11	10 39	6 51	15 18	15 24	12 37		n.a.
S 19	17 27	6 0	4 37	7 50	2 37	23 52	1 19	7 3	0 42	6 48	1 22	5 9	2 16	6 21	0 31	23 36	0 11	10 40	6 50	15 21	15 25	12 39		n.a.
M20	17 45	10 49	4 58	8 12	2 32	24 3	1 21	7 1	0 44	6 45	1 22	5 11	2 16	6 22	0 31	23 36	0 11	10 41	6 50	15 25	15 26	12 41		n.a.
T 21	18 1	14 58	4 57	8 36	2 26	24 14	1 23	6 59	0 46	6 41	1 22	5 14	2 17	6 24	0 31	23 36	0 11	10 41	6 50	15 28	15 27	12 43		n.a.
W22	18 18	18 4	4 35	9 2	2 20	24 24	1 24	6 58	0 47	6 38	1 23	5 16	2 17	6 25	0 31	23 36	0 11	10 42	6 50	15 32	15 28	12 45		n.a.
T 23	18 34	19 53	3 54	9 29	2 14	24 34	1 26	6 57	0 49	6 35	1 23	5 18	2 17	6 26	0 31	23 36	0 11	10 43	6 50	15 35	15 29	12 47		n.a.
F 24	18 50	20 18	2 59	9 58	2 7	24 43	1 27	6 57	0 51	6 32	1 23	5 21	2 17	6 27	0 31	23 36	0 11	10 43	6 50	15 37	15 30	12 48		n.a.
S 25	19 6	19 25	1 55	10 28	2 0	24 51	1 29	6 57	0 53	6 29	1 23	5 23	2 17	6 29	0 31	23 36	0 10	10 44	6 50	15 38	15 31	12 50		n.a.
S 26	19 21	17 26	0 45	10 58	1 52	24 58	1 30	6 57	0 54	6 26	1 24	5 25	2 17	6 30	0 31	23 36	0 10	10 45	6 50	15 38	15 32	12 52		n.a.
M27	19 36	14 34	0s24	11 30	1 45	25 4	1 32	6 57	0 56	6 22	1 24	5 27	2 17	6 31	0 31	23 36	0 10	10 45	6 50	15 38	15 33	12 54		n.a.
T 28	19 50	11 5	1 30	12 2	1 37	25 10	1 33	6 57	0 57	6 20	1 24	5 30	2 17	6 32	0 31	23 36	0 10	10 46	6 50	15 38	15 34	12 56		n.a.
W29	20 4	7 12	2 30	12 34	1 30	25 15	1 34	6 58	0 59	6 17	1 24	5 32	2 17	6 34	0 31	23 36	0 10	10 47	6 50	15 39	15 35	12 58		n.a.
T 30	20s18	3s 6	3s22	13s 7	1n22	25s19	1s35	6n59	1n 0	6n14	1n24	5s34	2n17	6s35	0n31	23s36	0n10	10s47	6n50	15n40	15n36	12n59		n.a.

Julian Day Number = 1370356.5, Delta T = 06h51m12s
Ecliptic obliquity = 23°48'29, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°20'44, Lahiri = -17°13'43 Julian Calendar 1 Nov. 962 BCE == Greg. Calendar 23 Oct. 962 BCE

The year -961 astronomical counting style corresponds to year 962 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 962 BCE
geocentric

DECEMBER 962 BCE (-961) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 59 55	0♐15'22	12♈ 0	9♏20	26♐44	15♈10	17♍49	19♎26	17♎46	3♑22	17♏38	17°R54	18♌11	19♉51	n.a.	F 1
S 2	4 3 51	1°16'37	23°55	10°39	27°58	15°11	17°57	19°32	17°49	3°24	17°40	17♌44	18° 8	19°58	n.a.	S 2
S 3	4 7 48	2°17'52	5♉48	12° 0	29°13	15°12	18° 4	19°38	17°52	3°26	17°43	17°32	18° 5	20° 4	n.a.	S 3
M 4	4 11 44	3°19'07	17°40	13°22	0♑27	15°15	18°11	19°44	17°55	3°28	17°45	17°18	18° 2	20°11	n.a.	M 4
T 5	4 15 41	4°20'21	29°33	14°45	1°42	15°18	18°19	19°49	17°58	3°30	17°47	17° 4	17°59	20°18	n.a.	T 5
W 6	4 19 38	5°21'34	11♊29	16° 9	2°56	15°22	18°26	19°55	18° 1	3°32	17°49	16°50	17°55	20°24	n.a.	W 6
T 7	4 23 34	6°22'47	23°27	17°33	4°10	15°26	18°32	20° 1	18° 4	3°34	17°51	16°38	17°52	20°31	n.a.	T 7
F 8	4 27 31	7°24'00	5♋31	18°59	5°24	15°31	18°39	20° 6	18° 7	3°36	17°53	16°29	17°49	20°38	n.a.	F 8
S 9	4 31 27	8°25'12	17°41	20°25	6°39	15°37	18°46	20°12	18° 9	3°38	17°55	16°22	17°46	20°45	n.a.	S 9
S 10	4 35 24	9°26'23	29°59	21°52	7°53	15°44	18°52	20°17	18°12	3°40	17°58	16°18	17°43	20°51	n.a.	S 10
M11	4 39 20	10°27'35	12♌31	23°20	9° 7	15°51	18°58	20°22	18°15	3°42	18° 0	16°D17	17°40	20°58	n.a.	M11
T 12	4 43 17	11°28'45	25°17	24°48	10°21	15°59	19° 4	20°28	18°17	3°44	18° 2	16°17	17°36	21° 5	n.a.	T 12
W13	4 47 14	12°29'55	8♍22	26°17	11°35	16° 8	19°10	20°33	18°20	3°47	18° 4	16°R17	17°33	21°12	n.a.	W13
T 14	4 51 10	13°31'05	21°50	27°46	12°50	16°17	19°16	20°38	18°22	3°49	18° 6	16°17	17°30	21°18	n.a.	T 14
F 15	4 55 7	14°32'14	5♎43	29°17	14° 4	16°27	19°22	20°43	18°25	3°51	18° 8	16°15	17°27	21°25	n.a.	F 15
S 16	4 59 3	15°33'23	20° 2	0♐47	15°18	16°37	19°27	20°48	18°27	3°53	18°10	16°11	17°24	21°32	n.a.	S 16
S 17	5 3 0	16°34'31	4♏45	2°19	16°32	16°48	19°32	20°53	18°30	3°55	18°12	16° 4	17°20	21°38	n.a.	S 17
M18	5 6 56	17°35'38	19°46	3°51	17°46	16°59	19°38	20°58	18°32	3°58	18°14	15°56	17°17	21°45	n.a.	M18
T 19	5 10 53	18°36'45	4♐58	5°24	18°59	17°12	19°43	21° 3	18°34	4° 0	18°16	15°46	17°14	21°52	n.a.	T 19
W20	5 14 49	19°37'50	20° 9	6°57	20°13	17°24	19°47	21° 8	18°37	4° 2	18°18	15°37	17°11	21°59	n.a.	W20
T 21	5 18 46	20°38'55	5♑ 9	8°31	21°27	17°38	19°52	21°12	18°39	4° 4	18°20	15°30	17° 8	22° 5	n.a.	T 21
F 22	5 22 43	21°39'58	19°49	10° 5	22°41	17°51	19°56	21°17	18°41	4° 6	18°22	15°25	17° 5	22°12	n.a.	F 22
S 23	5 26 39	22°41'00	4♒ 3	11°40	23°55	18° 6	20° 1	21°21	18°43	4° 9	18°24	15°22	17° 1	22°19	n.a.	S 23
S 24	5 30 36	23°42'01	17°49	13°16	25° 8	18°20	20° 5	21°26	18°45	4°11	18°26	15°D22	16°58	22°25	n.a.	S 24
M25	5 34 32	24°43'01	1♓ 6	14°53	26°22	18°36	20° 9	21°30	18°48	4°13	18°28	15°22	16°55	22°32	n.a.	M25
T 26	5 38 29	25°43'58	13°57	16°30	27°36	18°51	20°13	21°35	18°50	4°15	18°29	15°24	16°52	22°39	n.a.	T 26
W27	5 42 25	26°44'54	26°27	18° 7	28°49	19° 8	20°16	21°39	18°52	4°18	18°31	15°R24	16°49	22°46	n.a.	W27
T 28	5 46 22	27°45'49	8♈40	19°46	0♒ 3	19°24	20°20	21°43	18°53	4°20	18°33	15°23	16°46	22°52	n.a.	T 28
F 29	5 50 18	28°46'42	20°41	21°25	1°16	19°42	20°23	21°47	18°55	4°22	18°35	15°21	16°42	22°59	n.a.	F 29
S 30	5 54 15	29°47'34	2♉36	23° 5	2°30	19°59	20°26	21°51	18°57	4°24	18°37	15°16	16°39	23° 6	n.a.	S 30
S 31	5 58 12	0♑48'23	14♉27	24♐46	3♒43	20♈17	20♍29	21♎55	18♎59	4♑27	18♏39	15♌ 9	16♌36	23♉13	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s31	1n 4	4s 4	13s39	1n14	25s22	1s36	7n 1	1n 2	6n11	1n25	5s36	2n18	6s36	0n31	23s35	0n10	10s48	6n50	15n42	15n37	13n 1		n.a.
S 2	20 44	5 10	4 35	14 12	1 6	25 25	1 37	7 2	1 3	6 8	1 25	5 38	2 18	6 37	0 31	23 35	0 10	10 49	6 50	15 45	15 38	13 3		n.a.
S 3	20 56	9 2	4 54	14 45	0 58	25 27	1 38	7 4	1 5	6 5	1 25	5 40	2 18	6 38	0 31	23 35	0 10	10 49	6 49	15 49	15 39	13 5		n.a.
M 4	21 9	12 34	5 0	15 18	0 50	25 28	1 39	7 6	1 6	6 3	1 25	5 42	2 18	6 39	0 31	23 35	0 10	10 50	6 49	15 53	15 40	13 7		n.a.
T 5	21 20	15 35	4 53	15 50	0 43	25 28	1 40	7 9	1 7	6 0	1 26	5 45	2 18	6 40	0 31	23 35	0 10	10 51	6 49	15 58	15 41	13 8		n.a.
W 6	21 32	17 59	4 34	16 22	0 35	25 27	1 41	7 11	1 8	5 58	1 26	5 47	2 18	6 41	0 31	23 35	0 10	10 51	6 49	16 2	15 42	13 10		n.a.
T 7	21 42	19 37	4 2	16 54	0 27	25 26	1 42	7 14	1 10	5 55	1 26	5 49	2 18	6 42	0 31	23 35	0 10	10 52	6 49	16 6	15 43	13 12		n.a.
F 8	21 53	20 23	3 18	17 25	0 19	25 24	1 42	7 17	1 11	5 53	1 26	5 51	2 18	6 44	0 31	23 35	0 10	10 53	6 49	16 8	15 44	13 14		n.a.
S 9	22 3	20 13	2 26	17 56	0 12	25 21	1 43	7 21	1 12	5 50	1 27	5 52	2 19	6 45	0 31	23 35	0 10	10 53	6 49	16 10	15 45	13 16		n.a.
S 10	22 12	19 4	1 26	18 26	0 5	25 17	1 43	7 24	1 13	5 48	1 27	5 54	2 19	6 46	0 31	23 35	0 10	10 54	6 49	16 12	15 46	13 17		n.a.
M11	22 22	16 59	0 20	18 56	0s 3	25 13	1 44	7 28	1 14	5 46	1 27	5 56	2 19	6 47	0 31	23 35	0 10	10 54	6 49	16 12	15 47	13 19		n.a.
T 12	22 30	14 3	0n48	19 25	0 10	25 7	1 44	7 32	1 15	5 44	1 27	5 58	2 19	6 48	0 31	23 35	0 10	10 55	6 49	16 12	15 48	13 21		n.a.
W13	22 39	10 20	1 55	19 54	0 17	25 1	1 44	7 36	1 16	5 41	1 28	6 0	2 19	6 49	0 31	23 35	0 10	10 55	6 49	16 12	15 49	13 23		n.a.
T 14	22 46	6 0	2 58	20 21	0 24	24 55	1 44	7 41	1 17	5 39	1 28	6 2	2 19	6 50	0 31	23 35	0 10	10 56	6 49	16 12	15 50	13 25		n.a.
F 15	22 54	1 14	3 52	20 48	0 31	24 47	1 44	7 45	1 18	5 37	1 28	6 4	2 20	6 51	0 31	23 35	0 10	10 57	6 49	16 12	15 51	13 26		n.a.
S 16	23 1	3s44	4 34	21 14	0 37	24 39	1 45	7 50	1 19	5 35	1 29	6 5	2 20	6 51	0 32	23 35	0 10	10 57	6 49	16 14	15 52	13 28		n.a.
S 17	23 7	8 37	4 59	21 39	0 44	24 30	1 44	7 55	1 20	5 34	1 29	6 7	2 20	6 52	0 32	23 35	0 10	10 58	6 49	16 16	15 53	13 30		n.a.
M18	23 13	13 5	5 4	22 4	0 50	24 20	1 44	8 0	1 20	5 32	1 29	6 9	2 20	6 53	0 32	23 35	0 10	10 58	6 49	16 18	15 53	13 32		n.a.
T 19	23 19	16 44	4 48	22 27	0 56	24 9	1 44	8 6	1 21	5 30	1 29	6 11	2 20	6 54	0 32	23 35	0 10	10 59	6 49	16 21	15 54	13 34		n.a.
W20	23 24	19 15	4 11	22 49	1 2	23 58	1 44	8 12	1 22	5 28	1 30	6 12	2 20	6 55	0 32	23 35	0 10	10 59	6 49	16 24	15 55	13 35		n.a.
T 21	23 28	20 24	3 18	23 10	1 7	23 46	1 43	8 17	1 23	5 27	1 30	6 14	2 20	6 56	0 32	23 35	0 10	11 0	6 49	16 26	15 56	13 37		n.a.
F 22	23 32	20 8	2 13	23 30	1 13	23 33	1 43	8 23	1 23	5 25	1 30	6 15	2 21	6 57	0 32	23 34	0 10	11 0	6 49	16 28	15 57	13 39		n.a.
S 23	23 36	18 34	1 0	23 49	1 18	23 20	1 42	8 30	1 24	5 24	1 30	6 17	2 21	6 58	0 32	23 34	0 10	11 1	6 49	16 29	15 58	13 41		n.a.
S 24	23 39	15 56	0s13	24 7	1 23	23 6	1 42	8 36	1 25	5 22	1 31	6 18	2 21	6 58	0 32	23 34	0 10	11 1	6 49	16 29	15 59	13 42		n.a.
M25	23 42	12 33	1 24	24 23	1 28	22 51	1 41	8 42	1 25	5 21	1 31	6 20	2 21	6 59	0 32	23 34	0 10	11 2	6 49	16 28	16 0	13 44		n.a.
T 26	23 44	8 40	2 28	24 38	1 32	22 36	1 40	8 49	1 26	5 20	1 31	6 21	2 21	7 0	0 32	23 34	0 10	11 2	6 49	16 28	16 1	13 46		n.a.
W27	23 46	4 32	3 23	24 52	1 36	22 20	1 39	8 56	1 27	5 19	1 32	6 23	2 22	7 1	0 32	23 34	0 10	11 3	6 49	16 28	16 2	13 48		n.a.
T 28	23 47	0 18	4 7	25 4	1 40	22 3	1 39	9 3	1 27	5 18	1 32	6 24	2 22	7 1	0 32	23 34	0 10	11 3	6 49	16 28	16 3	13 50		n.a.
F 29	23 48	3n53	4 40	25 15	1 44	21 46	1 37	9 10	1 28	5 17	1 32	6 26	2 22	7 2	0 32	23 34	0 10	11 4	6 50	16 29	16 4	13 51		n.a.
S 30	23 48	7 51	5 1	25 24	1 47	21 28	1 36	9 17	1 28	5 16	1 32	6 27	2 22	7 3	0 32	23 34	0 10	11 4	6 50	16 30	16 5	13 53		n.a.
S 31	23s48	11n31	5s 8	25s32	1s50	21s10	1s35	9n25	1n29	5n15	1n33	6s28	2n22	7s 3	0n32	23s34	0n10	11s 5	6n50	16n32	16n 6	13n55		n.a.

Julian Day Number = 1370386.5, Delta T = 06h51m11s
Ecliptic obliquity = 23°48'29, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°20'40, Lahiri = -17°13'39 Julian Calendar 1 Dec. 962 BCE == Greg. Calendar 22 Nov. 962 BCE

The year -961 astronomical counting style corresponds to year 962 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 961 BCE
geocentric

JANUARY 961 BCE (-960) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 2 8	1♑49'12	26♉19	26♐27	4♒56	20♈36	20♍32	21♎59	19♎ 1	4♑29	18♏40	15°R 1	16♌33	23♉19	n.a.	M 1
T 2	6 6 5	2°49'58	8♊14	28° 9	6°10	20°55	20°34	22° 2	19° 2	4°31	18°42	14♌53	16°30	23°26	n.a.	T 2
W 3	6 10 1	3°50'44	20°14	29°52	7°23	21°14	20°36	22° 6	19° 4	4°34	18°44	14°45	16°26	23°33	n.a.	W 3
T 4	6 13 58	4°51'27	2♋21	1♑36	8°36	21°33	20°39	22°10	19° 5	4°36	18°45	14°37	16°23	23°39	n.a.	T 4
F 5	6 17 54	5°52'10	14°36	3°21	9°49	21°53	20°41	22°13	19° 7	4°38	18°47	14°32	16°20	23°46	n.a.	F 5
S 6	6 21 51	6°52'50	27° 0	5° 6	11° 2	22°14	20°42	22°17	19° 8	4°40	18°49	14°28	16°17	23°53	n.a.	S 6
S 7	6 25 48	7°53'29	9♌34	6°53	12°15	22°35	20°44	22°20	19°10	4°43	18°50	14°D27	16°14	24° 0	n.a.	S 7
M 8	6 29 44	8°54'07	22°20	8°40	13°28	22°56	20°45	22°23	19°11	4°45	18°52	14°27	16°11	24° 6	n.a.	M 8
T 9	6 33 41	9°54'43	5♍18	10°27	14°40	23°17	20°47	22°26	19°13	4°47	18°54	14°28	16° 7	24°13	n.a.	T 9
W10	6 37 37	10°55'18	18°32	12°16	15°53	23°39	20°48	22°29	19°14	4°49	18°55	14°30	16° 4	24°20	n.a.	W10
T 11	6 41 34	11°55'51	2♎ 2	14° 5	17° 6	24° 1	20°48	22°32	19°15	4°52	18°57	14°31	16° 1	24°27	n.a.	T 11
F 12	6 45 30	12°56'23	15°50	15°56	18°18	24°23	20°49	22°35	19°16	4°54	18°58	14°R32	15°58	24°33	n.a.	F 12
S 13	6 49 27	13°56'53	29°56	17°46	19°31	24°46	20°50	22°38	19°17	4°56	19° 0	14°31	15°55	24°40	n.a.	S 13
S 14	6 53 23	14°57'22	14♏20	19°38	20°43	25° 9	20°50	22°41	19°18	4°59	19° 1	14°28	15°52	24°47	n.a.	S 14
M15	6 57 20	15°57'50	28°58	21°30	21°55	25°32	20°R50	22°43	19°19	5° 1	19° 2	14°25	15°48	24°53	n.a.	M15
T 16	7 1 17	16°58'16	13♐44	23°22	23° 8	25°56	20°50	22°46	19°20	5° 3	19° 4	14°21	15°45	25° 0	n.a.	T 16
W17	7 5 13	17°58'40	28°32	25°15	24°20	26°20	20°50	22°48	19°21	5° 5	19° 5	14°17	15°42	25° 7	n.a.	W17
T 18	7 9 10	18°59'03	13♑13	27° 8	25°32	26°44	20°49	22°50	19°22	5° 8	19° 7	14°14	15°39	25°14	n.a.	T 18
F 19	7 13 6	19°59'24	27°42	29° 0	26°44	27° 8	20°48	22°53	19°23	5°10	19° 8	14°12	15°36	25°20	n.a.	F 19
S 20	7 17 3	20°59'42	11♒50	0♒53	27°56	27°33	20°48	22°55	19°24	5°12	19° 9	14°D11	15°32	25°27	n.a.	S 20
S 21	7 20 59	21°59'59	25°36	2°45	29° 8	27°58	20°47	22°57	19°24	5°14	19°10	14°11	15°29	25°34	n.a.	S 21
M22	7 24 56	23° 0'14	8♓57	4°36	0♓20	28°23	20°45	22°59	19°25	5°16	19°12	14°12	15°26	25°40	n.a.	M22
T 23	7 28 52	24° 0'26	21°54	6°26	1°31	28°49	20°44	23° 0	19°25	5°19	19°13	14°14	15°23	25°47	n.a.	T 23
W24	7 32 49	25° 0'36	4♈30	8°15	2°43	29°14	20°42	23° 2	19°26	5°21	19°14	14°15	15°20	25°54	n.a.	W24
T 25	7 36 46	26° 0'44	16°48	10° 2	3°54	29°40	20°40	23° 4	19°26	5°23	19°15	14°16	15°17	26° 1	n.a.	T 25
F 26	7 40 42	27° 0'50	28°52	11°46	5° 6	0♉ 6	20°38	23° 5	19°27	5°25	19°16	14°R17	15°13	26° 7	n.a.	F 26
S 27	7 44 39	28° 0'54	10♉48	13°28	6°17	0°33	20°36	23° 7	19°27	5°27	19°17	14°16	15°10	26°14	n.a.	S 27
S 28	7 48 35	29° 0'55	22°41	15° 6	7°28	0°59	20°34	23° 8	19°27	5°29	19°18	14°15	15° 7	26°21	n.a.	S 28
M29	7 52 32	0♒ 0'54	4♊33	16°40	8°39	1°26	20°31	23° 9	19°28	5°31	19°19	14°13	15° 4	26°28	n.a.	M29
T 30	7 56 28	1° 0'50	16°30	18°10	9°50	1°53	20°29	23°10	19°28	5°34	19°20	14°11	15° 1	26°34	n.a.	T 30
W31	8 0 25	2♒ 0'45	28♊35	19♒35	11♓ 1	2♉20	20♍26	23♎12	19♎28	5♑36	19♏21	14♌ 9	14♌58	26♉41	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23s48	14n44	5s 2	25s38	1s53	20s50	1s34	9n32	1n29	5n14	1n33	6s29	2n22	7s 4	0n32	23s34	0n10	11s 5	6n50	16n35	16n 7	13n57			n.a.
T 2	23 47	17 21	4 43	25 43	1 55	20 31	1 33	9 40	1 30	5 13	1 33	6 31	2 23	7 5	0 32	23 34	0 10	11 5	6 50	16 37	16 8	13 58			n.a.
W 3	23 45	19 16	4 12	25 45	1 57	20 11	1 31	9 48	1 30	5 12	1 34	6 32	2 23	7 5	0 32	23 34	0 10	11 6	6 50	16 40	16 9	14 0			n.a.
T 4	23 43	20 19	3 28	25 46	1 58	19 50	1 30	9 56	1 31	5 12	1 34	6 33	2 23	7 6	0 32	23 34	0 10	11 6	6 50	16 42	16 10	14 2			n.a.
F 5	23 41	20 26	2 35	25 45	1 59	19 28	1 28	10 4	1 31	5 11	1 34	6 34	2 23	7 6	0 32	23 34	0 10	11 7	6 50	16 43	16 11	14 4			n.a.
S 6	23 38	19 33	1 34	25 42	2 0	19 7	1 26	10 12	1 31	5 11	1 34	6 35	2 23	7 7	0 32	23 34	0 10	11 7	6 50	16 44	16 12	14 5			n.a.
S 7	23 34	17 42	0 27	25 38	2 0	18 44	1 25	10 20	1 32	5 10	1 35	6 36	2 24	7 7	0 32	23 33	0 10	11 7	6 50	16 45	16 13	14 7			n.a.
M 8	23 30	14 57	0n43	25 31	2 0	18 21	1 23	10 28	1 32	5 10	1 35	6 37	2 24	7 8	0 32	23 33	0 10	11 8	6 50	16 45	16 14	14 9			n.a.
T 9	23 26	11 26	1 51	25 22	1 59	17 58	1 21	10 37	1 33	5 10	1 35	6 38	2 24	7 8	0 32	23 33	0 10	11 8	6 50	16 44	16 15	14 11			n.a.
W10	23 21	7 17	2 55	25 12	1 58	17 34	1 19	10 45	1 33	5 10	1 36	6 39	2 24	7 9	0 32	23 33	0 10	11 8	6 50	16 44	16 16	14 12			n.a.
T 11	23 16	2 42	3 51	24 59	1 57	17 10	1 17	10 54	1 33	5 10	1 36	6 40	2 24	7 9	0 32	23 33	0 10	11 9	6 50	16 44	16 17	14 14			n.a.
F 12	23 10	2s 6	4 35	24 44	1 54	16 45	1 15	11 2	1 33	5 10	1 36	6 41	2 25	7 10	0 32	23 33	0 10	11 9	6 50	16 44	16 18	14 16			n.a.
S 13	23 4	6 54	5 3	24 27	1 51	16 20	1 12	11 11	1 34	5 10	1 36	6 42	2 25	7 10	0 32	23 33	0 10	11 9	6 50	16 44	16 19	14 18			n.a.
S 14	22 57	11 24	5 13	24 8	1 48	15 55	1 10	11 20	1 34	5 10	1 37	6 43	2 25	7 11	0 32	23 33	0 10	11 10	6 51	16 45	16 20	14 19			n.a.
M15	22 50	15 18	5 3	23 46	1 44	15 29	1 8	11 29	1 34	5 10	1 37	6 44	2 25	7 11	0 32	23 33	0 10	11 10	6 51	16 46	16 21	14 21			n.a.
T 16	22 43	18 17	4 33	23 23	1 39	15 2	1 5	11 38	1 35	5 10	1 37	6 44	2 25	7 11	0 32	23 33	0 10	11 10	6 51	16 47	16 22	14 23			n.a.
W17	22 35	20 3	3 45	22 57	1 34	14 36	1 3	11 47	1 35	5 11	1 38	6 45	2 26	7 12	0 32	23 33	0 10	11 11	6 51	16 48	16 23	14 25			n.a.
T 18	22 26	20 27	2 42	22 30	1 28	14 9	1 0	11 56	1 35	5 11	1 38	6 46	2 26	7 12	0 32	23 33	0 10	11 11	6 51	16 49	16 23	14 26			n.a.
F 19	22 18	19 29	1 29	22 0	1 22	13 41	0 57	12 5	1 35	5 12	1 38	6 46	2 26	7 12	0 32	23 33	0 10	11 11	6 51	16 49	16 24	14 28			n.a.
S 20	22 8	17 18	0 13	21 29	1 14	13 14	0 55	12 15	1 36	5 12	1 38	6 47	2 26	7 12	0 32	23 33	0 10	11 11	6 51	16 50	16 25	14 30			n.a.
S 21	21 59	14 10	1s 2	20 55	1 6	12 46	0 52	12 24	1 36	5 13	1 39	6 47	2 27	7 13	0 32	23 32	0 10	11 12	6 51	16 50	16 26	14 32			n.a.
M22	21 49	10 23	2 12	20 20	0 57	12 17	0 49	12 33	1 36	5 14	1 39	6 48	2 27	7 13	0 32	23 32	0 10	11 12	6 51	16 49	16 27	14 33			n.a.
T 23	21 38	6 13	3 13	19 43	0 48	11 49	0 46	12 43	1 36	5 15	1 39	6 48	2 27	7 13	0 32	23 32	0 10	11 12	6 51	16 49	16 28	14 35			n.a.
W24	21 27	1 54	4 3	19 5	0 38	11 20	0 43	12 52	1 36	5 16	1 40	6 49	2 27	7 13	0 32	23 32	0 10	11 12	6 51	16 48	16 29	14 37			n.a.
T 25	21 16	2n23	4 40	18 26	0 27	10 51	0 40	13 2	1 36	5 17	1 40	6 49	2 27	7 13	0 32	23 32	0 10	11 12	6 52	16 48	16 30	14 39			n.a.
F 26	21 5	6 30	5 4	17 46	0 15	10 21	0 37	13 11	1 37	5 18	1 40	6 50	2 28	7 14	0 32	23 32	0 10	11 13	6 52	16 48	16 31	14 40			n.a.
S 27	20 53	10 18	5 15	17 5	0 3	9 52	0 34	13 21	1 37	5 19	1 40	6 50	2 28	7 14	0 32	23 32	0 10	11 13	6 52	16 48	16 32	14 42			n.a.
S 28	20 40	13 41	5 12	16 24	0n 9	9 22	0 30	13 30	1 37	5 20	1 41	6 50	2 28	7 14	0 32	23 32	0 10	11 13	6 52	16 49	16 33	14 44			n.a.
M29	20 28	16 31	4 56	15 43	0 23	8 52	0 27	13 40	1 37	5 21	1 41	6 50	2 28	7 14	0 32	23 32	0 10	11 13	6 52	16 49	16 34	14 45			n.a.
T 30	20 14	18 41	4 27	15 3	0 36	8 22	0 24	13 50	1 37	5 22	1 41	6 51	2 29	7 14	0 32	23 32	0 10	11 13	6 52	16 50	16 35	14 47			n.a.
W31	20s 1	20n 2	3s46	14s23	0n50	7s51	0s20	13n59	1n37	5n24	1n41	6s51	2n29	7s14	0n32	23s32	0n10	11s13	6n52	16n50	16n36	14n49			n.a.

Julian Day Number = 1370417.5, Delta T = 06h51m09s
Ecliptic obliquity = 23°48'29, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°20'35, Lahiri = -17°13'35 Julian Calendar 1 Jan. 961 BCE == Greg. Calendar 23 Dec. 962 BCE

The year -960 astronomical counting style corresponds to year 961 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 961 BCE
geocentric

FEBRUARY 961 BCE (-960) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 4 21	3♒ 0'37	10♋50	20♒54	12♓12	2♉48	20°R23	23♎12	19♎28	5♑38	19♏22	14°R 7	14♌54	26♉48	n.a.	T 1
F 2	8 8 18	4° 0'27	23°17	22° 8	13°22	3°15	20♏19	23°13	19°R28	5°40	19°23	14♌ 6	14°51	26°54	n.a.	F 2
S 3	8 12 14	5° 0'15	5♌58	23°14	14°33	3°43	20°16	23°14	19°28	5°42	19°24	14° 6	14°48	27° 1	n.a.	S 3
S 4	8 16 11	6° 0'01	18°52	24°14	15°43	4°11	20°12	23°15	19°28	5°44	19°25	14°D 6	14°45	27° 8	n.a.	S 4
M 5	8 20 8	6°59'44	2♏ 1	25° 6	16°53	4°39	20° 9	23°15	19°28	5°46	19°26	14° 6	14°42	27°15	n.a.	M 5
T 6	8 24 4	7°59'26	15°22	25°50	18° 3	5° 7	20° 5	23°16	19°28	5°48	19°27	14° 6	14°38	27°21	n.a.	T 6
W 7	8 28 1	8°59'06	28°56	26°27	19°13	5°36	20° 1	23°16	19°27	5°50	19°27	14° 7	14°35	27°28	n.a.	W 7
T 8	8 31 57	9°58'43	12♎42	26°55	20°23	6° 4	19°56	23°16	19°27	5°52	19°28	14° 7	14°32	27°35	n.a.	T 8
F 9	8 35 54	10°58'19	26°38	27°14	21°33	6°33	19°52	23°16	19°27	5°54	19°29	14° 8	14°29	27°41	n.a.	F 9
S 10	8 39 50	11°57'53	10♏44	27°26	22°42	7° 2	19°47	23°R16	19°26	5°56	19°29	14°R 8	14°26	27°48	n.a.	S 10
S 11	8 43 47	12°57'25	24°57	27°R29	23°52	7°31	19°43	23°16	19°26	5°58	19°30	14° 8	14°23	27°55	n.a.	S 11
M12	8 47 43	13°56'56	9♐15	27°24	25° 1	8° 1	19°38	23°16	19°25	6° 0	19°31	14°D 8	14°19	28° 2	n.a.	M12
T 13	8 51 40	14°56'24	23°36	27°11	26°10	8°30	19°33	23°16	19°25	6° 1	19°31	14° 8	14°16	28° 8	n.a.	T 13
W14	8 55 37	15°55'51	7♑54	26°50	27°19	9° 0	19°28	23°16	19°24	6° 3	19°32	14° 8	14°13	28°15	n.a.	W14
T 15	8 59 33	16°55'15	22° 7	26°23	28°28	9°29	19°22	23°15	19°24	6° 5	19°32	14° 8	14°10	28°22	n.a.	T 15
F 16	9 3 30	17°54'38	6♒10	25°49	29°37	9°59	19°17	23°15	19°23	6° 7	19°33	14° 8	14° 7	28°29	n.a.	F 16
S 17	9 7 26	18°53'58	20° 0	25°11	0♈45	10°29	19°11	23°14	19°22	6° 9	19°33	14°R 8	14° 4	28°35	n.a.	S 17
S 18	9 11 23	19°53'17	3♓32	24°27	1°54	10°59	19° 5	23°13	19°21	6°11	19°34	14° 8	14° 0	28°42	n.a.	S 18
M19	9 15 19	20°52'32	16°46	23°40	3° 2	11°29	18°59	23°12	19°20	6°12	19°34	14° 7	13°57	28°49	n.a.	M19
T 20	9 19 16	21°51'46	29°41	22°51	4°10	12° 0	18°53	23°12	19°20	6°14	19°34	14° 7	13°54	28°55	n.a.	T 20
W21	9 23 12	22°50'57	12♈17	22° 0	5°18	12°30	18°47	23°10	19°19	6°16	19°35	14° 5	13°51	29° 2	n.a.	W21
T 22	9 27 9	23°50'06	24°37	21° 9	6°25	13° 1	18°41	23° 9	19°18	6°17	19°35	14° 4	13°48	29° 9	n.a.	T 22
F 23	9 31 5	24°49'12	6♉44	20°18	7°33	13°32	18°35	23° 8	19°16	6°19	19°35	14° 3	13°44	29°16	n.a.	F 23
S 24	9 35 2	25°48'16	18°42	19°29	8°40	14° 3	18°28	23° 7	19°15	6°21	19°35	14° 3	13°41	29°22	n.a.	S 24
S 25	9 38 59	26°47'18	0♊35	18°42	9°47	14°34	18°22	23° 5	19°14	6°22	19°35	14°D 3	13°38	29°29	n.a.	S 25
M26	9 42 55	27°46'17	12°28	17°58	10°54	15° 5	18°15	23° 4	19°13	6°24	19°36	14° 3	13°35	29°36	n.a.	M26
T 27	9 46 52	28°45'14	24°26	17°19	12° 1	15°36	18° 8	23° 2	19°12	6°26	19°36	14° 4	13°32	29°42	n.a.	T 27
W28	9 50 48	29°44'08	6♋33	16°43	13° 7	16° 7	18° 1	23° 1	19°11	6°27	19°36	14° 5	13°29	29°49	n.a.	W28
T 29	9 54 45	0♓43'00	18♋53	16♒13	14♈14	16♉39	17♏54	22♎59	19♎ 9	6♑29	19♏36	14♌ 7	13♌25	29♉56	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	19s47	20n28	2s54	13s44	1n 5	7s21	0s17	14n 9	1n37	5n25	1n42	6s51	2n29	7s14	0n32	23s32	0n10	11s14	6n52	16n51	16n37	14n51		n.a.	T 1
F 2	19 33	19 55	1 53	13 6	1 19	6 50	0 13	14 19	1 37	5 27	1 42	6 51	2 29	7 14	0 32	23 31	0 10	11 14	6 52	16 51	16 38	14 52		n.a.	F 2
S 3	19 19	18 21	0 45	12 31	1 34	6 19	0 9	14 28	1 38	5 28	1 42	6 51	2 29	7 14	0 33	23 31	0 10	11 14	6 53	16 51	16 39	14 54		n.a.	S 3
S 4	19 4	15 49	0n26	11 57	1 48	5 48	0 6	14 38	1 38	5 30	1 42	6 51	2 30	7 14	0 33	23 31	0 10	11 14	6 53	16 51	16 40	14 56		n.a.	S 4
M 5	18 49	12 26	1 38	11 26	2 2	5 17	0 2	14 48	1 38	5 32	1 43	6 51	2 30	7 14	0 33	23 31	0 10	11 14	6 53	16 51	16 41	14 57		n.a.	M 5
T 6	18 33	8 23	2 45	10 58	2 16	4 46	0n 2	14 58	1 38	5 34	1 43	6 51	2 30	7 14	0 33	23 31	0 10	11 14	6 53	16 51	16 42	14 59		n.a.	T 6
W 7	18 17	3 51	3 44	10 33	2 30	4 15	0 6	15 7	1 38	5 35	1 43	6 51	2 30	7 14	0 33	23 31	0 10	11 14	6 53	16 51	16 42	15 1		n.a.	W 7
T 8	18 1	0s57	4 31	10 11	2 43	3 43	0 9	15 17	1 38	5 37	1 43	6 51	2 31	7 13	0 33	23 31	0 10	11 14	6 53	16 51	16 43	15 2		n.a.	T 8
F 9	17 45	5 44	5 3	9 53	2 55	3 12	0 13	15 27	1 38	5 39	1 44	6 51	2 31	7 13	0 33	23 31	0 10	11 14	6 53	16 51	16 44	15 4		n.a.	F 9
S 10	17 28	10 16	5 17	9 39	3 6	2 40	0 17	15 37	1 38	5 41	1 44	6 51	2 31	7 13	0 33	23 31	0 10	11 14	6 53	16 51	16 45	15 6		n.a.	S 10
S 11	17 11	14 16	5 12	9 28	3 16	2 9	0 21	15 46	1 38	5 43	1 44	6 50	2 31	7 13	0 33	23 31	0 10	11 15	6 54	16 51	16 46	15 8		n.a.	S 11
M12	16 54	17 27	4 47	9 22	3 25	1 37	0 25	15 56	1 38	5 46	1 44	6 50	2 31	7 13	0 33	23 31	0 10	11 15	6 54	16 51	16 47	15 9		n.a.	M12
T 13	16 36	19 34	4 5	9 19	3 32	1 6	0 29	16 6	1 38	5 48	1 44	6 50	2 32	7 12	0 33	23 31	0 9	11 15	6 54	16 51	16 48	15 11		n.a.	T 13
W14	16 18	20 27	3 8	9 20	3 38	0 34	0 33	16 16	1 38	5 50	1 45	6 50	2 32	7 12	0 33	23 31	0 9	11 15	6 54	16 51	16 49	15 13		n.a.	W14
T 15	16 0	20 0	1 59	9 26	3 43	0 3	0 37	16 25	1 38	5 52	1 45	6 49	2 32	7 12	0 33	23 30	0 9	11 15	6 54	16 50	16 50	15 14		n.a.	T 15
F 16	15 42	18 18	0 44	9 34	3 45	0n29	0 42	16 35	1 38	5 55	1 45	6 49	2 32	7 12	0 33	23 30	0 9	11 15	6 54	16 50	16 51	15 16		n.a.	F 16
S 17	15 23	15 33	0s32	9 47	3 46	1 0	0 46	16 45	1 38	5 57	1 45	6 48	2 32	7 11	0 33	23 30	0 9	11 15	6 54	16 50	16 52	15 18		n.a.	S 17
S 18	15 4	12 0	1 46	10 2	3 45	1 32	0 50	16 54	1 38	6 0	1 45	6 48	2 33	7 11	0 33	23 30	0 9	11 15	6 54	16 50	16 53	15 19		n.a.	S 18
M19	14 45	7 55	2 51	10 21	3 42	2 3	0 54	17 4	1 38	6 2	1 46	6 47	2 33	7 11	0 33	23 30	0 9	11 15	6 55	16 51	16 54	15 21		n.a.	M19
T 20	14 26	3 35	3 46	10 41	3 38	2 34	0 58	17 13	1 38	6 5	1 46	6 47	2 33	7 10	0 33	23 30	0 9	11 15	6 55	16 51	16 55	15 23		n.a.	T 20
W21	14 7	0n48	4 29	11 4	3 31	3 5	1 3	17 23	1 38	6 7	1 46	6 46	2 33	7 10	0 33	23 30	0 9	11 15	6 55	16 51	16 56	15 24		n.a.	W21
T 22	13 47	5 4	4 59	11 28	3 23	3 37	1 7	17 32	1 38	6 10	1 46	6 46	2 34	7 9	0 33	23 30	0 9	11 14	6 55	16 52	16 56	15 26		n.a.	T 22
F 23	13 27	9 2	5 14	11 53	3 13	4 8	1 11	17 42	1 38	6 13	1 46	6 45	2 34	7 9	0 33	23 30	0 9	11 14	6 55	16 52	16 57	15 28		n.a.	F 23
S 24	13 7	12 36	5 15	12 19	3 2	4 39	1 16	17 51	1 38	6 15	1 46	6 44	2 34	7 9	0 33	23 30	0 9	11 14	6 55	16 52	16 58	15 29		n.a.	S 24
S 25	12 46	15 38	5 3	12 45	2 50	5 9	1 20	18 1	1 38	6 18	1 47	6 44	2 34	7 8	0 33	23 30	0 9	11 14	6 55	16 52	16 59	15 31		n.a.	S 25
M26	12 26	18 2	4 39	13 11	2 37	5 40	1 24	18 10	1 38	6 21	1 47	6 43	2 34	7 8	0 33	23 30	0 9	11 14	6 55	16 52	17 0	15 33		n.a.	M26
T 27	12 5	19 40	4 1	13 37	2 23	6 10	1 28	18 19	1 38	6 24	1 47	6 42	2 34	7 7	0 33	23 30	0 9	11 14	6 56	16 52	17 1	15 34		n.a.	T 27
W28	11 44	20 26	3 13	14 1	2 9	6 41	1 33	18 28	1 38	6 27	1 47	6 41	2 35	7 7	0 33	23 30	0 9	11 14	6 56	16 51	17 2	15 36		n.a.	W28
T 29	11s23	20n14	2s15	14s25	1n54	7n11	1n37	18n38	1n38	6n29	1n47	6s40	2n35	7s 6	0n33	23s29	0n 9	11s14	6n56	16n51	17n 3	15n38		n.a.	T 29

Julian Day Number = 1370448.5, Delta T = 06h51m08s
Ecliptic obliquity = 23°48'29, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°20'31, Lahiri = -17°13'31 Julian Calendar 1 Feb. 961 BCE == Greg. Calendar 23 Jan. 961 BCE

The year -960 astronomical counting style corresponds to year 961 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 961 BCE
geocentric

MARCH 961 BCE (-960) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 58 41	1♓41'50	1♌29	15°R47	15♈20	17♉10	17°R47	22°R57	19°R 8	6♊30	19°R36	14♌ 8	13♌22	0♊ 3	n.a.	F 1
S 2	10 2 38	2°40'38	14°23	15♒27	16°25	17°42	17♍40	22♎55	19♎ 6	6°32	19♏36	14°R 8	13°19	0° 9	n.a.	S 2
S 3	10 6 34	3°39'23	27°37	15°12	17°31	18°14	17°33	22°53	19° 5	6°33	19°36	14° 8	13°16	0°16	n.a.	S 3
M 4	10 10 31	4°38'06	11♍ 9	15° 3	18°36	18°45	17°26	22°51	19° 3	6°34	19°36	14° 6	13°13	0°23	n.a.	M 4
T 5	10 14 27	5°36'46	24°58	14°D59	19°41	19°17	17°18	22°49	19° 2	6°36	19°36	14° 4	13° 9	0°29	n.a.	T 5
W 6	10 18 24	6°35'25	9♎ 0	15° 1	20°46	19°49	17°11	22°46	19° 0	6°37	19°35	14° 1	13° 6	0°36	n.a.	W 6
T 7	10 22 21	7°34'02	23°11	15° 7	21°51	20°21	17° 4	22°44	18°59	6°39	19°35	13°57	13° 3	0°43	n.a.	T 7
F 8	10 26 17	8°32'37	7♏28	15°19	22°55	20°54	16°56	22°41	18°57	6°40	19°35	13°55	13° 0	0°50	n.a.	F 8
S 9	10 30 14	9°31'11	21°46	15°36	23°59	21°26	16°48	22°39	18°55	6°41	19°35	13°52	12°57	0°56	n.a.	S 9
S 10	10 34 10	10°29'42	6♐ 1	15°57	25° 3	21°58	16°41	22°36	18°54	6°42	19°34	13°D51	12°54	1° 3	n.a.	S 10
M11	10 38 7	11°28'12	20°11	16°23	26° 7	22°31	16°33	22°34	18°52	6°44	19°34	13°52	12°50	1°10	n.a.	M11
T 12	10 42 3	12°26'41	4♑15	16°53	27°10	23° 3	16°26	22°31	18°50	6°45	19°34	13°53	12°47	1°16	n.a.	T 12
W13	10 46 0	13°25'07	18°10	17°28	28°13	23°36	16°18	22°28	18°48	6°46	19°34	13°54	12°44	1°23	n.a.	W13
T 14	10 49 56	14°23'32	1♒56	18° 6	29°15	24° 8	16°10	22°25	18°46	6°47	19°33	13°56	12°41	1°30	n.a.	T 14
F 15	10 53 53	15°21'55	15°31	18°48	0♉18	24°41	16° 3	22°22	18°44	6°48	19°33	13°R56	12°38	1°37	n.a.	F 15
S 16	10 57 50	16°20'16	28°55	19°34	1°20	25°14	15°55	22°19	18°42	6°49	19°32	13°55	12°35	1°43	n.a.	S 16
S 17	11 1 46	17°18'35	12♓ 7	20°23	2°21	25°47	15°47	22°16	18°40	6°50	19°32	13°52	12°31	1°50	n.a.	S 17
M18	11 5 43	18°16'53	25° 4	21°16	3°23	26°20	15°40	22°13	18°38	6°51	19°31	13°48	12°28	1°57	n.a.	M18
T 19	11 9 39	19°15'08	7♈48	22°12	4°24	26°53	15°32	22° 9	18°36	6°52	19°31	13°43	12°25	2° 3	n.a.	T 19
W20	11 13 36	20°13'21	20°17	23°10	5°24	27°26	15°24	22° 6	18°34	6°53	19°30	13°36	12°22	2°10	n.a.	W20
T 21	11 17 32	21°11'33	2♉34	24°12	6°25	27°59	15°17	22° 2	18°32	6°54	19°29	13°30	12°19	2°17	n.a.	T 21
F 22	11 21 29	22° 9'42	14°39	25°16	7°25	28°33	15° 9	21°59	18°30	6°55	19°29	13°24	12°15	2°24	n.a.	F 22
S 23	11 25 25	23° 7'49	26°37	26°23	8°24	29° 6	15° 2	21°55	18°28	6°56	19°28	13°19	12°12	2°30	n.a.	S 23
S 24	11 29 22	24° 5'54	8♊29	27°32	9°23	29°40	14°54	21°52	18°26	6°57	19°28	13°16	12° 9	2°37	n.a.	S 24
M25	11 33 18	25° 3'58	20°21	28°45	10°22	0♊13	14°47	21°48	18°24	6°58	19°27	13°D15	12° 6	2°44	n.a.	M25
T 26	11 37 15	26° 1'59	2♋18	29°59	11°20	0°47	14°39	21°45	18°21	6°58	19°26	13°15	12° 3	2°50	n.a.	T 26
W27	11 41 12	26°59'58	14°24	1♓16	12°18	1°20	14°32	21°41	18°19	6°59	19°25	13°16	12° 0	2°57	n.a.	W27
T 28	11 45 8	27°57'55	26°44	2°35	13°15	1°54	14°25	21°37	18°17	7° 0	19°25	13°17	11°56	3° 4	n.a.	T 28
F 29	11 49 5	28°55'50	9♌23	3°56	14°12	2°28	14°17	21°33	18°14	7° 1	19°24	13°R18	11°53	3°11	n.a.	F 29
S 30	11 53 1	29°53'43	22°25	5°20	15° 8	3° 2	14°10	21°29	18°12	7° 1	19°23	13°18	11°50	3°17	n.a.	S 30
S 31	11 56 58	0♈51'35	5♍51	6♓45	16♉ 4	3♊36	14♍ 3	21♎25	18♎10	7♑ 2	19♏22	13♌16	11♌47	3♊24	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s 2	19n 1	1s 9	14s47	1n38	7n41	1n41	18n47	1n38	6n32	1n47	6s40	2n35	7s 6	0n33	23s29	0n 9	11s14	6n56	16n51	17n 4	15n39		n.a.
S 2	10 41	16 47	0n 1	15 8	1 23	8 11	1 46	18 56	1 38	6 35	1 47	6 39	2 35	7 5	0 33	23 29	0 9	11 14	6 56	16 50	17 5	15 41		n.a.
S 3	10 19	13 38	1 14	15 27	1 8	8 40	1 50	19 5	1 38	6 38	1 47	6 38	2 35	7 5	0 33	23 29	0 9	11 14	6 56	16 51	17 6	15 43		n.a.
M 4	9 57	9 42	2 23	15 44	0 52	9 9	1 54	19 14	1 38	6 41	1 47	6 37	2 36	7 4	0 33	23 29	0 9	11 13	6 56	16 51	17 7	15 44		n.a.
T 5	9 36	5 11	3 26	16 0	0 37	9 38	1 58	19 23	1 37	6 44	1 47	6 36	2 36	7 3	0 33	23 29	0 9	11 13	6 56	16 52	17 8	15 46		n.a.
W 6	9 14	0 19	4 17	16 13	0 22	10 7	2 3	19 31	1 37	6 47	1 48	6 35	2 36	7 3	0 33	23 29	0 9	11 13	6 57	16 53	17 8	15 47		n.a.
T 7	8 52	4s36	4 54	16 25	0 8	10 36	2 7	19 40	1 37	6 50	1 48	6 34	2 36	7 2	0 33	23 29	0 9	11 13	6 57	16 54	17 9	15 49		n.a.
F 8	8 29	9 18	5 12	16 35	0s 6	11 4	2 11	19 49	1 37	6 53	1 48	6 33	2 36	7 1	0 33	23 29	0 9	11 13	6 57	16 54	17 10	15 51		n.a.
S 9	8 7	13 29	5 11	16 43	0 19	11 32	2 15	19 57	1 37	6 56	1 48	6 32	2 36	7 1	0 33	23 29	0 9	11 13	6 57	16 55	17 11	15 52		n.a.
S 10	7 45	16 52	4 51	16 48	0 32	12 0	2 19	20 6	1 37	6 59	1 48	6 30	2 37	7 0	0 33	23 29	0 9	11 12	6 57	16 55	17 12	15 54		n.a.
M11	7 22	19 14	4 13	16 52	0 44	12 27	2 24	20 14	1 37	7 2	1 48	6 29	2 37	6 59	0 33	23 29	0 9	11 12	6 57	16 55	17 13	15 56		n.a.
T 12	7 0	20 24	3 20	16 54	0 56	12 55	2 28	20 23	1 37	7 5	1 48	6 28	2 37	6 59	0 33	23 29	0 9	11 12	6 57	16 55	17 14	15 57		n.a.
W13	6 37	20 18	2 16	16 54	1 7	13 21	2 32	20 31	1 37	7 8	1 48	6 27	2 37	6 58	0 33	23 29	0 9	11 12	6 57	16 55	17 15	15 59		n.a.
T 14	6 14	18 59	1 5	16 52	1 17	13 48	2 36	20 39	1 37	7 11	1 48	6 26	2 37	6 57	0 33	23 29	0 9	11 12	6 57	16 54	17 16	16 0		n.a.
F 15	5 51	16 34	0s 9	16 48	1 27	14 14	2 40	20 47	1 37	7 14	1 48	6 24	2 37	6 56	0 33	23 29	0 9	11 11	6 58	16 54	17 17	16 2		n.a.
S 16	5 28	13 17	1 21	16 42	1 37	14 40	2 44	20 55	1 36	7 17	1 48	6 23	2 38	6 56	0 33	23 29	0 9	11 11	6 58	16 54	17 18	16 4		n.a.
S 17	5 5	9 24	2 28	16 34	1 45	15 5	2 47	21 3	1 36	7 20	1 48	6 22	2 38	6 55	0 33	23 29	0 9	11 11	6 58	16 55	17 19	16 5		n.a.
M18	4 42	5 7	3 25	16 25	1 53	15 30	2 51	21 11	1 36	7 23	1 48	6 20	2 38	6 54	0 33	23 28	0 9	11 11	6 58	16 56	17 19	16 7		n.a.
T 19	4 19	0 42	4 12	16 13	2 0	15 55	2 55	21 19	1 36	7 26	1 48	6 19	2 38	6 53	0 33	23 28	0 9	11 10	6 58	16 58	17 20	16 9		n.a.
W20	3 56	3n39	4 45	16 0	2 7	16 19	2 59	21 27	1 36	7 29	1 48	6 18	2 38	6 53	0 33	23 28	0 9	11 10	6 58	17 0	17 21	16 10		n.a.
T 21	3 33	7 47	5 5	15 45	2 13	16 43	3 2	21 34	1 36	7 32	1 48	6 16	2 38	6 52	0 33	23 28	0 9	11 10	6 58	17 2	17 22	16 12		n.a.
F 22	3 9	11 33	5 10	15 28	2 19	17 7	3 6	21 42	1 36	7 35	1 48	6 15	2 38	6 51	0 33	23 28	0 9	11 10	6 58	17 3	17 23	16 13		n.a.
S 23	2 46	14 48	5 2	15 9	2 23	17 30	3 9	21 49	1 36	7 38	1 48	6 14	2 38	6 50	0 33	23 28	0 9	11 9	6 58	17 5	17 24	16 15		n.a.
S 24	2 23	17 26	4 41	14 49	2 28	17 53	3 13	21 56	1 35	7 41	1 48	6 12	2 38	6 49	0 33	23 28	0 9	11 9	6 58	17 6	17 25	16 17		n.a.
M25	1 59	19 20	4 8	14 27	2 31	18 15	3 16	22 4	1 35	7 44	1 47	6 11	2 39	6 48	0 33	23 28	0 9	11 9	6 58	17 6	17 26	16 18		n.a.
T 26	1 36	20 24	3 24	14 3	2 34	18 37	3 19	22 11	1 35	7 47	1 47	6 9	2 39	6 47	0 33	23 28	0 9	11 9	6 59	17 6	17 27	16 20		n.a.
W27	1 13	20 32	2 30	13 37	2 37	18 58	3 22	22 18	1 35	7 50	1 47	6 8	2 39	6 47	0 33	23 28	0 9	11 8	6 59	17 6	17 28	16 21		n.a.
T 28	0 49	19 41	1 28	13 10	2 38	19 19	3 26	22 25	1 35	7 52	1 47	6 6	2 39	6 46	0 33	23 28	0 9	11 8	6 59	17 5	17 28	16 23		n.a.
F 29	0 26	17 50	0 21	12 41	2 39	19 39	3 29	22 31	1 35	7 55	1 47	6 5	2 39	6 45	0 33	23 28	0 9	11 8	6 59	17 5	17 29	16 25		n.a.
S 30	0 3	15 2	0n49	12 10	2 40	19 59	3 31	22 38	1 35	7 58	1 47	6 3	2 39	6 44	0 33	23 28	0 9	11 7	6 59	17 5	17 30	16 26		n.a.
S 31	0n21	11n20	1n59	11s38	2s40	20n19	3n34	22n44	1n34	8n 0	1n47	6s 1	2n39	6s43	0n33	23s28	0n 9	11s 7	6n59	17n 6	17n31	16n28		n.a.

Julian Day Number = 1370477.5, Delta T = 06h51m06s
Ecliptic obliquity = 23°48'30, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°20'27, Lahiri = -17°13'27 Julian Calendar 1 March 961 BCE == Greg. Calendar 21 Feb. 961 BCE

The year -960 astronomical counting style corresponds to year 961 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 961 BCE
geocentric

APRIL 961 BCE (-960) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 0 54	1♈49'24	19♍41	8♓13	16♉59	4♊10	13°R56	21°R21	18°R 7	7♑ 2	19°R21	13°R11	11♌44	3♊31	n.a.	M 1
T 2	12 4 51	2°47'12	3♎52	9°43	17°54	4°44	13♍49	21♎17	18♎ 5	7° 3	19♏20	13♌ 5	11°40	3°37	n.a.	T 2
W 3	12 8 47	3°44'58	18°22	11°15	18°48	5°18	13°42	21°13	18° 3	7° 4	19°19	12°58	11°37	3°44	n.a.	W 3
T 4	12 12 44	4°42'43	3♏ 1	12°49	19°42	5°52	13°35	21° 9	18° 0	7° 4	19°18	12°50	11°34	3°51	n.a.	T 4
F 5	12 16 40	5°40'26	17°44	14°25	20°34	6°26	13°29	21° 5	17°58	7° 4	19°17	12°43	11°31	3°58	n.a.	F 5
S 6	12 20 37	6°38'08	2♐22	16° 4	21°27	7° 0	13°22	21° 1	17°55	7° 5	19°16	12°37	11°28	4° 4	n.a.	S 6
S 7	12 24 34	7°35'49	16°51	17°44	22°18	7°34	13°16	20°56	17°53	7° 5	19°15	12°33	11°25	4°11	n.a.	S 7
M 8	12 28 30	8°33'29	1♑ 5	19°26	23° 9	8° 9	13° 9	20°52	17°51	7° 6	19°14	12°31	11°21	4°18	n.a.	M 8
T 9	12 32 27	9°31'07	15° 4	21°11	24° 0	8°43	13° 3	20°48	17°48	7° 6	19°13	12°D31	11°18	4°24	n.a.	T 9
W10	12 36 23	10°28'45	28°47	22°57	24°49	9°18	12°57	20°44	17°46	7° 6	19°12	12°32	11°15	4°31	n.a.	W10
T 11	12 40 20	11°26'21	12♒15	24°45	25°38	9°52	12°51	20°39	17°43	7° 7	19°11	12°R32	11°12	4°38	n.a.	T 11
F 12	12 44 16	12°23'56	25°29	26°36	26°26	10°27	12°45	20°35	17°41	7° 7	19°10	12°31	11° 9	4°45	n.a.	F 12
S 13	12 48 13	13°21'30	8♓30	28°28	27°14	11° 1	12°39	20°31	17°38	7° 7	19° 8	12°28	11° 6	4°51	n.a.	S 13
S 14	12 52 9	14°19'03	21°20	0♈23	28° 0	11°36	12°34	20°26	17°36	7° 7	19° 7	12°23	11° 2	4°58	n.a.	S 14
M15	12 56 6	15°16'34	3♈59	2°20	28°46	12°11	12°28	20°22	17°33	7° 7	19° 6	12°15	10°59	5° 5	n.a.	M15
T 16	13 0 3	16°14'04	16°28	4°18	29°30	12°45	12°23	20°18	17°31	7° 7	19° 5	12° 5	10°56	5°11	n.a.	T 16
W17	13 3 59	17°11'34	28°46	6°18	0♊14	13°20	12°17	20°13	17°28	7° 7	19° 4	11°53	10°53	5°18	n.a.	W17
T 18	13 7 56	18° 9'01	10♉55	8°21	0°57	13°55	12°12	20° 9	17°26	7°R 7	19° 2	11°41	10°50	5°25	n.a.	T 18
F 19	13 11 52	19° 6'28	22°55	10°24	1°39	14°30	12° 7	20° 4	17°23	7° 7	19° 1	11°30	10°46	5°32	n.a.	F 19
S 20	13 15 49	20° 3'53	4♊50	12°30	2°20	15° 5	12° 3	20° 0	17°21	7° 7	19° 0	11°20	10°43	5°38	n.a.	S 20
S 21	13 19 45	21° 1'17	16°40	14°37	3° 0	15°40	11°58	19°55	17°18	7° 7	18°58	11°13	10°40	5°45	n.a.	S 21
M22	13 23 42	21°58'40	28°31	16°45	3°38	16°15	11°54	19°51	17°16	7° 7	18°57	11° 8	10°37	5°52	n.a.	M22
T 23	13 27 38	22°56'02	10♋25	18°55	4°16	16°50	11°49	19°47	17°13	7° 7	18°56	11° 6	10°34	5°58	n.a.	T 23
W24	13 31 35	23°53'22	22°29	21° 5	4°52	17°25	11°45	19°42	17°11	7° 7	18°54	11°D 5	10°31	6° 5	n.a.	W24
T 25	13 35 32	24°50'41	4♌47	23°16	5°27	18° 1	11°41	19°38	17° 8	7° 7	18°53	11°R 5	10°27	6°12	n.a.	T 25
F 26	13 39 28	25°47'58	17°25	25°28	6° 1	18°36	11°37	19°33	17° 6	7° 6	18°52	11° 5	10°24	6°19	n.a.	F 26
S 27	13 43 25	26°45'15	0♍26	27°39	6°33	19°11	11°34	19°29	17° 3	7° 6	18°50	11° 4	10°21	6°25	n.a.	S 27
S 28	13 47 21	27°42'30	13°55	29°51	7° 4	19°47	11°30	19°25	17° 1	7° 6	18°49	11° 1	10°18	6°32	n.a.	S 28
M29	13 51 18	28°39'44	27°52	2♉ 2	7°33	20°22	11°27	19°20	16°58	7° 6	18°47	10°55	10°15	6°39	n.a.	M29
T 30	13 55 14	29♈36'57	12♎17	4♉13	8♊ 1	20♊57	11♍24	19♎16	16♎56	7♑ 5	18♏46	10♌46	10♌11	6♊45	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n44	6n57	3n 3	11s 4	2s39	20n38	3n37	22n51	1n34	8n 3	1n47	6s 0	2n39	6s42	0n33	23s28	0n 9	11s 7	6n59	17n 7	17n32	16n29		n.a.
T 2	1 7	2 4	3 58	10 29	2 38	20 56	3 40	22 57	1 34	8 6	1 47	5 58	2 39	6 41	0 33	23 28	0 9	11 7	6 59	17 9	17 33	16 31		n.a.
W 3	1 31	3s 1	4 39	9 51	2 36	21 14	3 42	23 3	1 34	8 8	1 46	5 57	2 39	6 40	0 33	23 28	0 9	11 6	6 59	17 11	17 34	16 32		n.a.
T 4	1 54	7 59	5 2	9 13	2 34	21 31	3 44	23 9	1 34	8 11	1 46	5 55	2 39	6 39	0 33	23 28	0 9	11 6	6 59	17 13	17 35	16 34		n.a.
F 5	2 17	12 30	5 5	8 32	2 31	21 48	3 47	23 15	1 34	8 13	1 46	5 53	2 39	6 38	0 33	23 28	0 9	11 6	6 59	17 15	17 36	16 36		n.a.
S 6	2 40	16 15	4 48	7 50	2 27	22 4	3 49	23 21	1 33	8 16	1 46	5 52	2 39	6 37	0 33	23 28	0 9	11 5	6 59	17 17	17 37	16 37		n.a.
S 7	3 4	18 57	4 13	7 7	2 23	22 20	3 51	23 27	1 33	8 18	1 46	5 50	2 39	6 37	0 33	23 28	0 9	11 5	6 59	17 18	17 37	16 39		n.a.
M 8	3 27	20 25	3 23	6 22	2 19	22 35	3 52	23 32	1 33	8 20	1 46	5 49	2 39	6 36	0 33	23 28	0 9	11 5	6 59	17 19	17 38	16 40		n.a.
T 9	3 50	20 36	2 22	5 35	2 13	22 50	3 54	23 37	1 33	8 23	1 46	5 47	2 40	6 35	0 33	23 28	0 9	11 4	7 0	17 19	17 39	16 42		n.a.
W10	4 13	19 32	1 13	4 47	2 8	23 4	3 56	23 43	1 33	8 25	1 45	5 45	2 40	6 34	0 33	23 28	0 9	11 4	7 0	17 18	17 40	16 43		n.a.
T 11	4 36	17 22	0 2	3 58	2 1	23 18	3 57	23 48	1 33	8 27	1 45	5 44	2 40	6 33	0 33	23 28	0 9	11 4	7 0	17 18	17 41	16 45		n.a.
F 12	4 58	14 18	1s 9	3 7	1 55	23 31	3 58	23 53	1 32	8 29	1 45	5 42	2 40	6 32	0 33	23 28	0 9	11 3	7 0	17 19	17 42	16 47		n.a.
S 13	5 21	10 34	2 14	2 15	1 47	23 43	3 59	23 58	1 32	8 31	1 45	5 40	2 40	6 31	0 33	23 28	0 9	11 3	7 0	17 19	17 43	16 48		n.a.
S 14	5 44	6 25	3 11	1 22	1 40	23 55	4 0	24 2	1 32	8 33	1 45	5 39	2 40	6 30	0 33	23 28	0 9	11 3	7 0	17 21	17 44	16 50		n.a.
M15	6 6	2 2	3 58	0 27	1 31	24 6	4 1	24 7	1 32	8 35	1 44	5 37	2 40	6 29	0 33	23 28	0 9	11 2	7 0	17 23	17 44	16 51		n.a.
T 16	6 29	2n22	4 33	0n28	1 23	24 17	4 1	24 11	1 32	8 37	1 44	5 35	2 40	6 28	0 33	23 28	0 9	11 2	7 0	17 26	17 45	16 53		n.a.
W17	6 51	6 37	4 55	1 25	1 14	24 27	4 2	24 16	1 31	8 39	1 44	5 34	2 40	6 27	0 33	23 28	0 9	11 1	7 0	17 29	17 46	16 54		n.a.
T 18	7 13	10 33	5 2	2 23	1 4	24 36	4 2	24 20	1 31	8 41	1 44	5 32	2 40	6 26	0 33	23 28	0 9	11 1	7 0	17 33	17 47	16 56		n.a.
F 19	7 36	14 1	4 56	3 21	0 54	24 45	4 2	24 24	1 31	8 42	1 43	5 30	2 40	6 25	0 33	23 28	0 9	11 1	7 0	17 36	17 48	16 57		n.a.
S 20	7 58	16 53	4 38	4 20	0 44	24 53	4 1	24 28	1 31	8 44	1 43	5 29	2 39	6 24	0 33	23 28	0 9	11 0	7 0	17 39	17 49	16 59		n.a.
S 21	8 20	19 2	4 7	5 19	0 34	25 1	4 1	24 32	1 31	8 46	1 43	5 27	2 39	6 23	0 33	23 28	0 9	11 0	7 0	17 41	17 50	17 0		n.a.
M22	8 41	20 22	3 26	6 19	0 24	25 8	4 0	24 35	1 30	8 47	1 43	5 25	2 39	6 22	0 33	23 28	0 9	11 0	7 0	17 42	17 51	17 2		n.a.
T 23	9 3	20 49	2 35	7 19	0 13	25 14	3 59	24 39	1 30	8 49	1 43	5 24	2 39	6 21	0 33	23 28	0 9	10 59	7 0	17 43	17 52	17 3		n.a.
W24	9 25	20 18	1 37	8 19	0 3	25 20	3 58	24 42	1 30	8 50	1 42	5 22	2 39	6 20	0 33	23 28	0 9	10 59	7 0	17 43	17 52	17 5		n.a.
T 25	9 46	18 49	0 33	9 18	0n 8	25 25	3 57	24 45	1 30	8 51	1 42	5 21	2 39	6 19	0 33	23 28	0 9	10 59	7 0	17 43	17 53	17 6		n.a.
F 26	10 7	16 23	0n34	10 17	0 19	25 30	3 55	24 48	1 30	8 53	1 42	5 19	2 39	6 18	0 33	23 28	0 9	10 58	7 0	17 43	17 54	17 8		n.a.
S 27	10 28	13 3	1 41	11 15	0 29	25 33	3 53	24 51	1 29	8 54	1 42	5 17	2 39	6 17	0 33	23 28	0 9	10 58	7 0	17 43	17 55	17 9		n.a.
S 28	10 49	8 57	2 45	12 12	0 39	25 37	3 51	24 53	1 29	8 55	1 41	5 16	2 39	6 17	0 33	23 28	0 9	10 57	7 0	17 44	17 56	17 11		n.a.
M29	11 10	4 14	3 41	13 7	0 49	25 39	3 48	24 56	1 29	8 56	1 41	5 14	2 39	6 16	0 33	23 28	0 9	10 57	7 0	17 46	17 57	17 13		n.a.
T 30	11n30	0s52	4n25	14n 2	0n58	25n41	3n45	24n58	1n29	8n57	1n41	5s13	2n39	6s15	0n33	23s28	0n 9	10s57	7n 0	17n48	17n58	17n14		n.a.

Julian Day Number = 1370508.5, Delta T = 06h51m05s
Ecliptic obliquity = 23°48'30, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°20'23, Lahiri = -17°13'23 Julian Calendar 1 Apr. 961 BCE == Greg. Calendar 23 March 961 BCE

The year -960 astronomical counting style corresponds to year 961 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 961 BCE
geocentric

MAY 961 BCE (-960) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 59 11	0♉34'10	27♎ 3	6♉22	8♊27	21♊33	11°R21	19°R12	16°R54	7°R 5	18°R44	10°R36	10♌ 8	6♊52	n.a.	W 1
T 2	14 3 7	1°31'21	12♏ 4	8°31	8°52	22° 8	11♍18	19♎ 8	16♎51	7♑ 4	18♏43	10♌25	10° 5	6°59	n.a.	T 2
F 3	14 7 4	2°28'32	27°10	10°38	9°15	22°44	11°15	19° 3	16°49	7° 4	18°42	10°15	10° 2	7° 6	n.a.	F 3
S 4	14 11 1	3°25'42	12♐10	12°44	9°36	23°20	11°13	18°59	16°46	7° 4	18°40	10° 7	9°59	7°12	n.a.	S 4
S 5	14 14 57	4°22'52	26°57	14°48	9°56	23°55	11°10	18°55	16°44	7° 3	18°39	10° 1	9°56	7°19	n.a.	S 5
M 6	14 18 54	5°20'02	11♑24	16°50	10°14	24°31	11° 8	18°51	16°42	7° 3	18°37	9°57	9°52	7°26	n.a.	M 6
T 7	14 22 50	6°17'11	25°28	18°50	10°29	25° 7	11° 6	18°47	16°40	7° 2	18°36	9°56	9°49	7°32	n.a.	T 7
W 8	14 26 47	7°14'20	9♒10	20°48	10°43	25°42	11° 4	18°43	16°37	7° 1	18°34	9°56	9°46	7°39	n.a.	W 8
T 9	14 30 43	8°11'28	22°31	22°44	10°55	26°18	11° 3	18°39	16°35	7° 1	18°33	9°56	9°43	7°46	n.a.	T 9
F 10	14 34 40	9° 8'36	5♓34	24°38	11° 4	26°54	11° 1	18°35	16°33	7° 0	18°31	9°54	9°40	7°52	n.a.	F 10
S 11	14 38 37	10° 5'44	18°21	26°30	11°12	27°30	11° 0	18°31	16°30	6°59	18°29	9°51	9°37	7°59	n.a.	S 11
S 12	14 42 33	11° 2'52	0♈55	28°19	11°17	28° 6	10°59	18°27	16°28	6°59	18°28	9°44	9°33	8° 6	n.a.	S 12
M13	14 46 30	12° 0'00	13°18	0♊ 6	11°20	28°42	10°58	18°23	16°26	6°58	18°26	9°35	9°30	8°13	n.a.	M13
T 14	14 50 26	12°57'07	25°33	1°50	11°R21	29°18	10°57	18°19	16°24	6°57	18°25	9°23	9°27	8°19	n.a.	T 14
W15	14 54 23	13°54'14	7♉40	3°33	11°19	29°54	10°57	18°15	16°22	6°56	18°23	9°10	9°24	8°26	n.a.	W15
T 16	14 58 19	14°51'21	19°40	5°13	11°16	0♋30	10°57	18°11	16°20	6°56	18°22	8°56	9°21	8°33	n.a.	T 16
F 17	15 2 16	15°48'28	1♊35	6°50	11° 9	1° 6	10°D56	18° 8	16°18	6°55	18°20	8°43	9°17	8°39	n.a.	F 17
S 18	15 6 12	16°45'34	13°26	8°25	11° 1	1°43	10°56	18° 4	16°16	6°54	18°19	8°32	9°14	8°46	n.a.	S 18
S 19	15 10 9	17°42'40	25°15	9°58	10°50	2°19	10°57	18° 1	16°14	6°53	18°17	8°23	9°11	8°53	n.a.	S 19
M20	15 14 6	18°39'45	7♋ 6	11°29	10°36	2°55	10°57	17°57	16°12	6°52	18°15	8°17	9° 8	9° 0	n.a.	M20
T 21	15 18 2	19°36'51	19° 0	12°57	10°21	3°31	10°58	17°54	16°10	6°51	18°14	8°13	9° 5	9° 6	n.a.	T 21
W22	15 21 59	20°33'56	1♌ 3	14°22	10° 3	4° 8	10°58	17°50	16° 8	6°50	18°12	8°12	9° 2	9°13	n.a.	W22
T 23	15 25 55	21°31'00	13°20	15°45	9°42	4°44	10°59	17°47	16° 6	6°49	18°11	8°D12	8°58	9°20	n.a.	T 23
F 24	15 29 52	22°28'05	25°55	17° 6	9°20	5°21	11° 0	17°44	16° 4	6°48	18° 9	8°R12	8°55	9°26	n.a.	F 24
S 25	15 33 48	23°25'09	8♍52	18°24	8°55	5°57	11° 2	17°41	16° 2	6°47	18° 8	8°11	8°52	9°33	n.a.	S 25
S 26	15 37 45	24°22'12	22°18	19°39	8°28	6°34	11° 3	17°38	16° 0	6°46	18° 6	8° 8	8°49	9°40	n.a.	S 26
M27	15 41 41	25°19'16	6♎12	20°51	8° 0	7°10	11° 5	17°35	15°59	6°45	18° 5	8° 3	8°46	9°46	n.a.	M27
T 28	15 45 38	26°16'19	20°37	22° 1	7°29	7°47	11° 7	17°32	15°57	6°44	18° 3	7°56	8°43	9°53	n.a.	T 28
W29	15 49 35	27°13'22	5♏27	23° 8	6°57	8°23	11° 9	17°29	15°55	6°42	18° 2	7°47	8°39	10° 0	n.a.	W29
T 30	15 53 31	28°10'26	20°35	24°13	6°24	9° 0	11°11	17°26	15°54	6°41	18° 0	7°37	8°36	10° 7	n.a.	T 30
F 31	15 57 28	29♉ 7'30	5♐52	25♊14	5♊49	9♋37	11♍13	17♎23	15♎52	6♑40	17♏58	7♌28	8♌33	10♊13	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	11n51	6s 2	4n53	14n54	1n 7	25n42	3n42	25n 0	1n28	8n58	1n40	5s11	2n39	6s14	0n33	23s28	0n 9	10s56	7n 0	17n51	17n59	17n16			n.a.
T 2	12 11	10 56	5 1	15 45	1 16	25 43	3 38	25 2	1 28	8 59	1 40	5 9	2 39	6 13	0 33	23 28	0 9	10 56	7 0	17 54	17 59	17 17			n.a.
F 3	12 31	15 9	4 48	16 34	1 24	25 43	3 35	25 4	1 28	8 59	1 40	5 8	2 39	6 12	0 33	23 28	0 9	10 56	7 0	17 57	18 0	17 19			n.a.
S 4	12 51	18 23	4 15	17 20	1 31	25 42	3 30	25 6	1 28	9 0	1 40	5 6	2 39	6 11	0 33	23 28	0 9	10 55	7 0	17 59	18 1	17 20			n.a.
S 5	13 11	20 20	3 26	18 5	1 38	25 40	3 26	25 7	1 28	9 1	1 39	5 5	2 38	6 10	0 33	23 28	0 9	10 55	7 0	18 1	18 2	17 22			n.a.
M 6	13 30	20 54	2 25	18 47	1 44	25 38	3 21	25 9	1 27	9 1	1 39	5 3	2 38	6 9	0 33	23 28	0 9	10 55	7 0	18 1	18 3	17 23			n.a.
T 7	13 49	20 8	1 16	19 26	1 49	25 35	3 16	25 10	1 27	9 2	1 39	5 2	2 38	6 8	0 33	23 28	0 9	10 54	6 59	18 2	18 4	17 24			n.a.
W 8	14 8	18 10	0 4	20 4	1 54	25 32	3 10	25 11	1 27	9 2	1 38	5 0	2 38	6 7	0 33	23 28	0 9	10 54	6 59	18 2	18 5	17 26			n.a.
T 9	14 27	15 15	1s 6	20 38	1 58	25 27	3 4	25 12	1 27	9 3	1 38	4 59	2 38	6 7	0 33	23 28	0 9	10 54	6 59	18 2	18 5	17 27			n.a.
F 10	14 46	11 38	2 11	21 11	2 1	25 22	2 57	25 13	1 26	9 3	1 38	4 58	2 38	6 6	0 33	23 28	0 9	10 53	6 59	18 2	18 6	17 29			n.a.
S 11	15 4	7 33	3 8	21 41	2 4	25 17	2 50	25 13	1 26	9 3	1 38	4 56	2 38	6 5	0 33	23 28	0 9	10 53	6 59	18 3	18 7	17 30			n.a.
S 12	15 22	3 12	3 55	22 8	2 6	25 10	2 43	25 14	1 26	9 3	1 37	4 55	2 38	6 4	0 33	23 29	0 9	10 52	6 59	18 5	18 8	17 32			n.a.
M13	15 40	1n12	4 29	22 33	2 7	25 3	2 35	25 14	1 26	9 3	1 37	4 53	2 37	6 3	0 33	23 29	0 9	10 52	6 59	18 8	18 9	17 33			n.a.
T 14	15 58	5 31	4 51	22 56	2 8	24 55	2 27	25 14	1 25	9 3	1 37	4 52	2 37	6 2	0 33	23 29	0 9	10 52	6 59	18 11	18 10	17 35			n.a.
W15	16 15	9 34	5 0	23 16	2 8	24 46	2 19	25 14	1 25	9 3	1 36	4 51	2 37	6 2	0 33	23 29	0 9	10 51	6 59	18 14	18 11	17 36			n.a.
T 16	16 33	13 12	4 55	23 35	2 7	24 37	2 9	25 13	1 25	9 3	1 36	4 50	2 37	6 1	0 33	23 29	0 9	10 51	6 59	18 18	18 11	17 38			n.a.
F 17	16 49	16 17	4 37	23 51	2 5	24 26	2 0	25 13	1 25	9 3	1 36	4 48	2 37	6 0	0 33	23 29	0 9	10 51	6 59	18 22	18 12	17 39			n.a.
S 18	17 6	18 41	4 7	24 5	2 3	24 15	1 50	25 12	1 24	9 3	1 36	4 47	2 37	5 59	0 33	23 29	0 9	10 50	6 59	18 25	18 13	17 41			n.a.
S 19	17 22	20 17	3 26	24 16	2 0	24 3	1 39	25 11	1 24	9 2	1 35	4 46	2 36	5 58	0 33	23 29	0 9	10 50	6 59	18 27	18 14	17 42			n.a.
M20	17 39	21 0	2 37	24 26	1 57	23 51	1 29	25 10	1 24	9 2	1 35	4 45	2 36	5 58	0 33	23 29	0 9	10 50	6 58	18 29	18 15	17 44			n.a.
T 21	17 54	20 47	1 40	24 34	1 53	23 37	1 17	25 9	1 24	9 1	1 35	4 44	2 36	5 57	0 33	23 29	0 9	10 49	6 58	18 29	18 16	17 45			n.a.
W22	18 10	19 37	0 38	24 40	1 48	23 23	1 6	25 8	1 23	9 1	1 34	4 42	2 36	5 56	0 33	23 29	0 9	10 49	6 58	18 30	18 17	17 46			n.a.
T 23	18 25	17 31	0n27	24 44	1 43	23 8	0 54	25 6	1 23	9 0	1 34	4 41	2 36	5 56	0 33	23 29	0 9	10 49	6 58	18 30	18 17	17 48			n.a.
F 24	18 40	14 32	1 33	24 47	1 37	22 52	0 41	25 5	1 23	8 59	1 34	4 40	2 36	5 55	0 33	23 29	0 9	10 48	6 58	18 30	18 18	17 49			n.a.
S 25	18 55	10 45	2 35	24 48	1 30	22 36	0 28	25 3	1 23	8 59	1 33	4 39	2 35	5 54	0 33	23 29	0 9	10 48	6 58	18 30	18 19	17 51			n.a.
S 26	19 9	6 20	3 31	24 47	1 23	22 18	0 15	25 1	1 22	8 58	1 33	4 38	2 35	5 53	0 33	23 29	0 9	10 48	6 58	18 31	18 20	17 52			n.a.
M27	19 23	1 26	4 17	24 45	1 16	22 1	0 2	24 58	1 22	8 57	1 33	4 37	2 35	5 53	0 33	23 29	0 9	10 48	6 58	18 32	18 21	17 54			n.a.
T 28	19 37	3s43	4 49	24 41	1 7	21 42	0s12	24 56	1 22	8 56	1 33	4 36	2 35	5 52	0 33	23 29	0 9	10 47	6 57	18 34	18 22	17 55			n.a.
W29	19 50	8 48	5 2	24 36	0 58	21 23	0 25	24 53	1 21	8 55	1 32	4 35	2 35	5 52	0 32	23 30	0 9	10 47	6 57	18 36	18 23	17 57			n.a.
T 30	20 4	13 26	4 55	24 30	0 49	21 4	0 39	24 51	1 21	8 54	1 32	4 34	2 34	5 51	0 32	23 30	0 9	10 47	6 57	18 39	18 23	17 58			n.a.
F 31	20n16	17s15	4n26	24n22	0n39	20n44	0s53	24n48	1n21	8n53	1n32	4s34	2n34	5s50	0n32	23s30	0n 9	10s46	6n57	18n41	18n24	17n59			n.a.

Julian Day Number = 1370538.5, Delta T = 06h51m03s
Ecliptic obliquity = 23°48'30, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°20'19, Lahiri = -17°13'19 Julian Calendar 1 May 961 BCE == Greg. Calendar 22 Apr. 961 BCE

The year -960 astronomical counting style corresponds to year 961 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 961 BCE
geocentric

JUNE 961 BCE (-960) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 1 24	0♊ 4'33	21♐ 7	26♊12	5°R14	10♋14	11♍16	17°R20	15°R50	6°R39	17°R57	7°R20	8♌30	10♊20	n.a.	S 1
S 2	16 5 21	1° 1'38	6♑ 9	27° 7	4♊37	10°50	11°18	17♎18	15♎49	6♑38	17♏55	7♌14	8°27	10°27	n.a.	S 2
M 3	16 9 17	1°58'43	20°50	27°59	4° 0	11°27	11°21	17°15	15°47	6°36	17°54	7°11	8°23	10°33	n.a.	M 3
T 4	16 13 14	2°55'48	5♒ 5	28°47	3°23	12° 4	11°24	17°13	15°46	6°35	17°52	7°D10	8°20	10°40	n.a.	T 4
W 5	16 17 11	3°52'54	18°54	29°32	2°46	12°41	11°27	17°11	15°45	6°34	17°51	7°10	8°17	10°47	n.a.	W 5
T 6	16 21 7	4°50'01	2♓18	0♋13	2° 8	13°18	11°31	17° 8	15°43	6°33	17°50	7°R11	8°14	10°53	n.a.	T 6
F 7	16 25 4	5°47'08	15°19	0°50	1°32	13°55	11°34	17° 6	15°42	6°31	17°48	7°11	8°11	11° 0	n.a.	F 7
S 8	16 29 0	6°44'17	28° 0	1°24	0°55	14°32	11°38	17° 4	15°41	6°30	17°47	7° 8	8° 8	11° 7	n.a.	S 8
S 9	16 32 57	7°41'25	10♈26	1°53	0°20	15° 9	11°42	17° 2	15°40	6°29	17°45	7° 4	8° 4	11°14	n.a.	S 9
M10	16 36 53	8°38'35	22°40	2°18	29♉46	15°46	11°46	17° 0	15°38	6°27	17°44	6°57	8° 1	11°20	n.a.	M10
T 11	16 40 50	9°35'46	4♉45	2°39	29°13	16°24	11°50	16°58	15°37	6°26	17°42	6°48	7°58	11°27	n.a.	T 11
W12	16 44 46	10°32'57	16°43	2°55	28°41	17° 1	11°54	16°56	15°36	6°24	17°41	6°38	7°55	11°34	n.a.	W12
T 13	16 48 43	11°30'09	28°37	3° 6	28°11	17°38	11°59	16°55	15°35	6°23	17°39	6°28	7°52	11°40	n.a.	T 13
F 14	16 52 40	12°27'22	10♊29	3°13	27°43	18°15	12° 3	16°53	15°34	6°21	17°38	6°18	7°49	11°47	n.a.	F 14
S 15	16 56 36	13°24'35	22°19	3°R15	27°17	18°53	12° 8	16°52	15°33	6°20	17°37	6° 9	7°45	11°54	n.a.	S 15
S 16	17 0 33	14°21'49	4♋ 9	3°11	26°52	19°30	12°13	16°50	15°32	6°18	17°35	6° 3	7°42	12° 0	n.a.	S 16
M17	17 4 29	15°19'04	16° 3	3° 3	26°30	20° 7	12°18	16°49	15°31	6°17	17°34	5°58	7°39	12° 7	n.a.	M17
T 18	17 8 26	16°16'20	28° 2	2°50	26°10	20°45	12°24	16°48	15°31	6°15	17°33	5°56	7°36	12°14	n.a.	T 18
W19	17 12 22	17°13'36	10♌ 9	2°32	25°53	21°22	12°29	16°47	15°30	6°14	17°31	5°D56	7°33	12°21	n.a.	W19
T 20	17 16 19	18°10'53	22°28	2° 9	25°37	22° 0	12°35	16°46	15°29	6°12	17°30	5°57	7°29	12°27	n.a.	T 20
F 21	17 20 15	19° 8'11	5♍ 4	1°42	25°24	22°38	12°40	16°45	15°28	6°11	17°29	5°58	7°26	12°34	n.a.	F 21
S 22	17 24 12	20° 5'29	18° 0	1°10	25°14	23°15	12°46	16°44	15°28	6° 9	17°28	5°R59	7°23	12°41	n.a.	S 22
S 23	17 28 9	21° 2'48	1♎21	0°35	25° 5	23°53	12°52	16°43	15°27	6° 8	17°26	5°58	7°20	12°47	n.a.	S 23
M24	17 32 5	22° 0'07	15° 8	29♊56	24°59	24°31	12°58	16°42	15°27	6° 6	17°25	5°56	7°17	12°54	n.a.	M24
T 25	17 36 2	22°57'27	29°23	29°14	24°56	25° 8	13° 5	16°42	15°26	6° 5	17°24	5°52	7°14	13° 1	n.a.	T 25
W26	17 39 58	23°54'48	14♏ 3	28°31	24°D55	25°46	13°11	16°41	15°26	6° 3	17°23	5°47	7°10	13° 7	n.a.	W26
T 27	17 43 55	24°52'11	29° 4	27°45	24°56	26°24	13°18	16°41	15°26	6° 1	17°22	5°41	7° 7	13°14	n.a.	T 27
F 28	17 47 51	25°49'34	14♐16	26°59	24°59	27° 2	13°25	16°41	15°25	6° 0	17°21	5°36	7° 4	13°21	n.a.	F 28
S 29	17 51 48	26°46'58	29°31	26°13	25° 5	27°40	13°31	16°41	15°25	5°58	17°19	5°31	7° 1	13°28	n.a.	S 29
S 30	17 55 45	27♊44'23	14♑37	25♊28	25♉12	28♋18	13♍38	16°D41	15♎25	5♑57	17♏18	5♌28	6♌58	13♊34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n29	19s52	3n39	24n14	0n29	20n24	1s 7	24n45	1n21	8n51	1n31	4s33	2n34	5s50	0n32	23s30	0n 9	10s46	6n57	18n43	18n25	18n 1		n.a.
S 2	20 41	21 3	2 37	24 4	0 18	20 3	1 22	24 41	1 20	8 50	1 31	4 32	2 34	5 49	0 32	23 30	0 9	10 46	6 57	18 45	18 26	18 2		n.a.
M 3	20 53	20 45	1 26	23 54	0 6	19 43	1 36	24 38	1 20	8 49	1 31	4 31	2 33	5 49	0 32	23 30	0 9	10 46	6 57	18 46	18 27	18 4		n.a.
T 4	21 4	19 7	0 11	23 43	0s 5	19 22	1 49	24 34	1 20	8 47	1 30	4 30	2 33	5 48	0 32	23 30	0 9	10 45	6 56	18 46	18 28	18 5		n.a.
W 5	21 15	16 22	1s 2	23 31	0 18	19 1	2 3	24 31	1 19	8 46	1 30	4 30	2 33	5 48	0 32	23 30	0 9	10 45	6 56	18 46	18 28	18 6		n.a.
T 6	21 26	12 50	2 10	23 18	0 30	18 41	2 16	24 27	1 19	8 44	1 30	4 29	2 33	5 47	0 32	23 30	0 9	10 45	6 56	18 46	18 29	18 8		n.a.
F 7	21 36	8 46	3 9	23 5	0 43	18 21	2 30	24 22	1 19	8 43	1 30	4 28	2 33	5 47	0 32	23 30	0 9	10 45	6 56	18 46	18 30	18 9		n.a.
S 8	21 46	4 25	3 57	22 51	0 57	18 1	2 42	24 18	1 18	8 41	1 29	4 28	2 32	5 46	0 32	23 30	0 9	10 44	6 56	18 46	18 31	18 11		n.a.
S 9	21 56	0n 1	4 33	22 37	1 10	17 41	2 55	24 14	1 18	8 39	1 29	4 27	2 32	5 46	0 32	23 30	0 9	10 44	6 56	18 47	18 32	18 12		n.a.
M10	22 5	4 23	4 55	22 23	1 24	17 22	3 7	24 9	1 18	8 37	1 29	4 27	2 32	5 45	0 32	23 30	0 8	10 44	6 55	18 49	18 33	18 13		n.a.
T 11	22 14	8 32	5 4	22 8	1 39	17 4	3 18	24 4	1 18	8 35	1 28	4 26	2 32	5 45	0 32	23 30	0 8	10 44	6 55	18 51	18 33	18 15		n.a.
W12	22 22	12 18	5 0	21 54	1 53	16 46	3 29	23 59	1 17	8 33	1 28	4 26	2 31	5 44	0 32	23 31	0 8	10 44	6 55	18 54	18 34	18 16		n.a.
T 13	22 30	15 34	4 43	21 39	2 7	16 29	3 40	23 54	1 17	8 31	1 28	4 25	2 31	5 44	0 32	23 31	0 8	10 43	6 55	18 57	18 35	18 18		n.a.
F 14	22 38	18 11	4 13	21 24	2 22	16 13	3 50	23 48	1 17	8 29	1 28	4 25	2 31	5 44	0 32	23 31	0 8	10 43	6 55	18 59	18 36	18 19		n.a.
S 15	22 46	20 3	3 32	21 10	2 36	15 58	3 59	23 43	1 16	8 27	1 27	4 25	2 31	5 43	0 32	23 31	0 8	10 43	6 54	19 1	18 37	18 20		n.a.
S 16	22 53	21 2	2 42	20 56	2 50	15 44	4 8	23 37	1 16	8 25	1 27	4 24	2 30	5 43	0 32	23 31	0 8	10 43	6 54	19 3	18 38	18 22		n.a.
M17	22 59	21 5	1 45	20 42	3 4	15 31	4 17	23 31	1 16	8 23	1 27	4 24	2 30	5 43	0 32	23 31	0 8	10 43	6 54	19 4	18 38	18 23		n.a.
T 18	23 5	20 11	0 43	20 29	3 18	15 19	4 24	23 25	1 15	8 20	1 26	4 24	2 30	5 42	0 32	23 31	0 8	10 43	6 54	19 5	18 39	18 24		n.a.
W19	23 11	18 20	0n23	20 17	3 30	15 8	4 31	23 19	1 15	8 18	1 26	4 24	2 30	5 42	0 32	23 31	0 8	10 42	6 54	19 5	18 40	18 26		n.a.
T 20	23 16	15 37	1 28	20 5	3 43	14 58	4 38	23 12	1 15	8 16	1 26	4 23	2 29	5 42	0 32	23 31	0 8	10 42	6 53	19 4	18 41	18 27		n.a.
F 21	23 21	12 8	2 31	19 54	3 54	14 49	4 44	23 6	1 14	8 13	1 26	4 23	2 29	5 42	0 32	23 31	0 8	10 42	6 53	19 4	18 42	18 29		n.a.
S 22	23 26	7 59	3 28	19 44	4 5	14 41	4 50	22 59	1 14	8 11	1 25	4 23	2 29	5 42	0 32	23 31	0 8	10 42	6 53	19 4	18 43	18 30		n.a.
S 23	23 30	3 21	4 15	19 35	4 14	14 34	4 55	22 52	1 14	8 8	1 25	4 23	2 29	5 41	0 32	23 31	0 8	10 42	6 53	19 4	18 43	18 31		n.a.
M24	23 34	1s36	4 50	19 27	4 22	14 28	4 59	22 45	1 13	8 5	1 25	4 23	2 28	5 41	0 32	23 32	0 8	10 42	6 52	19 5	18 44	18 33		n.a.
T 25	23 37	6 38	5 8	19 20	4 29	14 24	5 3	22 38	1 13	8 3	1 25	4 23	2 28	5 41	0 32	23 32	0 8	10 42	6 52	19 6	18 45	18 34		n.a.
W26	23 40	11 26	5 6	19 14	4 34	14 20	5 7	22 30	1 13	8 0	1 24	4 23	2 28	5 41	0 32	23 32	0 8	10 42	6 52	19 7	18 46	18 35		n.a.
T 27	23 42	15 38	4 44	19 10	4 37	14 17	5 10	22 23	1 12	7 57	1 24	4 23	2 27	5 41	0 32	23 32	0 8	10 41	6 52	19 8	18 47	18 37		n.a.
F 28	23 44	18 51	4 2	19 8	4 39	14 16	5 12	22 15	1 12	7 54	1 24	4 24	2 27	5 41	0 32	23 32	0 8	10 41	6 52	19 10	18 47	18 38		n.a.
S 29	23 46	20 46	3 3	19 6	4 39	14 15	5 14	22 7	1 12	7 51	1 24	4 24	2 27	5 41	0 31	23 32	0 8	10 41	6 51	19 11	18 48	18 39		n.a.
S 30	23n47	21s 9	1n51	19n 7	4s37	14n15	5s16	21n59	1n11	7n48	1n23	4s24	2n27	5s41	0n31	23s32	0n 8	10s41	6n51	19n12	18n49	18n41		n.a.

Julian Day Number = 1370569.5, Delta T = 06h51m02s
Ecliptic obliquity = 23°48'30, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°20'15, Lahiri = -17°13'14 Julian Calendar 1 June 961 BCE == Greg. Calendar 23 May 961 BCE

The year -960 astronomical counting style corresponds to year 961 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 961 BCE
geocentric

JULY 961 BCE (-960) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 59 41	28♊41'50	29♉25	24°R45	25♉22	28♋56	13♍45	16♎41	15°R25	5°R55	17°R17	5°D26	6♌55	13♊41	n.a.	M 1
T 2	18 3 38	29°39'18	13♒50	24♊ 5	25°34	29°34	13°53	16°41	15♎25	5♉53	17♏16	5♌26	6°51	13°48	n.a.	T 2
W 3	18 7 34	0♋36'47	27°48	23°28	25°49	0♌12	14° 0	16°41	15°24	5°52	17°15	5°27	6°48	13°54	n.a.	W 3
T 4	18 11 31	1°34'18	11♓19	22°55	26° 5	0°50	14° 8	16°41	15°D24	5°50	17°14	5°29	6°45	14° 1	n.a.	T 4
F 5	18 15 27	2°31'51	24°25	22°28	26°23	1°28	14°15	16°41	15°25	5°49	17°13	5°30	6°42	14° 8	n.a.	F 5
S 6	18 19 24	3°29'25	7♈ 8	22° 6	26°43	2° 6	14°23	16°42	15°25	5°47	17°12	5°R30	6°39	14°14	n.a.	S 6
S 7	18 23 20	4°27'01	19°33	21°50	27° 4	2°45	14°31	16°43	15°25	5°45	17°11	5°29	6°35	14°21	n.a.	S 7
M 8	18 27 17	5°24'38	1♉43	21°40	27°28	3°23	14°39	16°43	15°25	5°44	17°10	5°27	6°32	14°28	n.a.	M 8
T 9	18 31 14	6°22'18	13°44	21°D38	27°53	4° 1	14°47	16°44	15°25	5°42	17° 9	5°23	6°29	14°35	n.a.	T 9
W10	18 35 10	7°19'59	25°38	21°42	28°19	4°40	14°55	16°45	15°26	5°40	17° 9	5°19	6°26	14°41	n.a.	W10
T 11	18 39 7	8°17'41	7♊29	21°54	28°48	5°18	15° 4	16°46	15°26	5°39	17° 8	5°14	6°23	14°48	n.a.	T 11
F 12	18 43 3	9°15'25	19°19	22°13	29°17	5°56	15°12	16°47	15°26	5°37	17° 7	5°10	6°20	14°55	n.a.	F 12
S 13	18 47 0	10°13'11	1♋11	22°39	29°49	6°35	15°21	16°48	15°27	5°36	17° 6	5° 6	6°16	15° 1	n.a.	S 13
S 14	18 50 56	11°10'59	13° 7	23°13	0♊21	7°14	15°30	16°49	15°27	5°34	17° 5	5° 3	6°13	15° 8	n.a.	S 14
M15	18 54 53	12° 8'48	25° 8	23°54	0°55	7°52	15°38	16°51	15°28	5°32	17° 5	5° 2	6°10	15°15	n.a.	M15
T 16	18 58 49	13° 6'39	7♌17	24°43	1°30	8°31	15°47	16°52	15°29	5°31	17° 4	5°D 1	6° 7	15°21	n.a.	T 16
W17	19 2 46	14° 4'31	19°35	25°38	2° 7	9°10	15°56	16°54	15°29	5°29	17° 3	5° 2	6° 4	15°28	n.a.	W17
T 18	19 6 43	15° 2'24	2♍ 5	26°40	2°45	9°48	16° 6	16°55	15°30	5°27	17° 3	5° 3	6° 0	15°35	n.a.	T 18
F 19	19 10 39	16° 0'19	14°50	27°49	3°23	10°27	16°15	16°57	15°31	5°26	17° 2	5° 5	5°57	15°41	n.a.	F 19
S 20	19 14 36	16°58'16	27°51	29° 3	4° 3	11° 6	16°24	16°59	15°32	5°24	17° 2	5° 6	5°54	15°48	n.a.	S 20
S 21	19 18 32	17°56'14	11♎12	0♋24	4°44	11°45	16°34	17° 1	15°32	5°23	17° 1	5° 7	5°51	15°55	n.a.	S 21
M22	19 22 29	18°54'13	24°54	1°50	5°26	12°24	16°43	17° 3	15°33	5°21	17° 0	5°R 7	5°48	16° 2	n.a.	M22
T 23	19 26 25	19°52'14	8♏58	3°20	6° 9	13° 3	16°53	17° 5	15°34	5°19	17° 0	5° 6	5°45	16° 8	n.a.	T 23
W24	19 30 22	20°50'16	23°22	4°56	6°53	13°42	17° 3	17° 7	15°35	5°18	16°59	5° 5	5°41	16°15	n.a.	W24
T 25	19 34 18	21°48'20	8♐ 4	6°35	7°38	14°21	17°13	17° 9	15°36	5°16	16°59	5° 3	5°38	16°22	n.a.	T 25
F 26	19 38 15	22°46'26	22°58	8°18	8°24	15° 0	17°23	17°12	15°38	5°15	16°59	5° 1	5°35	16°28	n.a.	F 26
S 27	19 42 12	23°44'33	7♑56	10° 4	9°11	15°39	17°33	17°14	15°39	5°13	16°58	5° 0	5°32	16°35	n.a.	S 27
S 28	19 46 8	24°42'42	22°51	11°52	9°58	16°18	17°43	17°17	15°40	5°12	16°58	5° 0	5°29	16°42	n.a.	S 28
M29	19 50 5	25°40'53	7♒35	13°42	10°47	16°57	17°53	17°19	15°41	5°10	16°58	4°D59	5°26	16°48	n.a.	M29
T 30	19 54 1	26°39'06	22° 0	15°35	11°36	17°37	18° 3	17°22	15°43	5° 9	16°57	5° 0	5°22	16°55	n.a.	T 30
W31	19 57 58	27♋37'21	6♓ 1	17♋28	12♊26	18♌16	18♍14	17♎25	15♎44	5♑ 7	16♏57	5♌ 0	5♌19	17♊ 2	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n48	20s 3	0n33	19n 9	4s33	14n16	5s17	21n51	1n11	7n45	1n23	4s24	2n26	5s41	0n31	23s32	0n 8	10s41	6n51	19n12	18n50	18n42			n.a.
T 2	23 48	17 39	0s46	19 13	4 28	14 18	5 18	21 42	1 11	7 42	1 23	4 24	2 26	5 41	0 31	23 32	0 8	10 41	6 50	19 12	18 51	18 43			n.a.
W 3	23 48	14 17	1 59	19 18	4 21	14 21	5 19	21 34	1 10	7 39	1 23	4 25	2 26	5 41	0 31	23 32	0 8	10 41	6 50	19 12	18 51	18 45			n.a.
T 4	23 48	10 15	3 3	19 25	4 13	14 24	5 19	21 25	1 10	7 36	1 22	4 25	2 26	5 41	0 31	23 32	0 8	10 41	6 50	19 11	18 52	18 46			n.a.
F 5	23 47	5 51	3 56	19 33	4 3	14 28	5 19	21 16	1 10	7 33	1 22	4 26	2 25	5 41	0 31	23 33	0 8	10 41	6 50	19 11	18 53	18 47			n.a.
S 6	23 46	1 20	4 35	19 43	3 51	14 33	5 19	21 7	1 9	7 30	1 22	4 26	2 25	5 41	0 31	23 33	0 8	10 41	6 49	19 11	18 54	18 49			n.a.
S 7	23 44	3n 8	5 1	19 55	3 39	14 39	5 18	20 58	1 9	7 26	1 22	4 26	2 25	5 41	0 31	23 33	0 8	10 41	6 49	19 11	18 55	18 50			n.a.
M 8	23 42	7 23	5 12	20 8	3 25	14 45	5 17	20 49	1 8	7 23	1 21	4 27	2 25	5 41	0 31	23 33	0 8	10 41	6 49	19 12	18 56	18 51			n.a.
T 9	23 39	11 17	5 9	20 22	3 11	14 52	5 16	20 39	1 8	7 20	1 21	4 28	2 24	5 41	0 31	23 33	0 8	10 41	6 49	19 13	18 56	18 52			n.a.
W10	23 36	14 43	4 54	20 37	2 56	14 59	5 14	20 29	1 8	7 16	1 21	4 28	2 24	5 41	0 31	23 33	0 8	10 41	6 48	19 14	18 57	18 54			n.a.
T 11	23 33	17 32	4 25	20 54	2 40	15 7	5 12	20 19	1 7	7 13	1 21	4 29	2 24	5 41	0 31	23 33	0 8	10 41	6 48	19 15	18 58	18 55			n.a.
F 12	23 29	19 38	3 45	21 11	2 24	15 15	5 10	20 9	1 7	7 9	1 20	4 29	2 23	5 42	0 31	23 33	0 8	10 41	6 48	19 16	18 59	18 56			n.a.
S 13	23 24	20 53	2 55	21 29	2 8	15 24	5 8	19 59	1 7	7 5	1 20	4 30	2 23	5 42	0 31	23 33	0 8	10 41	6 48	19 17	19 0	18 58			n.a.
S 14	23 20	21 12	1 58	21 47	1 51	15 33	5 6	19 49	1 6	7 2	1 20	4 31	2 23	5 42	0 31	23 33	0 8	10 41	6 47	19 18	19 0	18 59			n.a.
M15	23 15	20 33	0 54	22 5	1 35	15 43	5 3	19 39	1 6	6 58	1 20	4 32	2 23	5 42	0 31	23 33	0 8	10 41	6 47	19 18	19 1	19 0			n.a.
T 16	23 9	18 56	0n12	22 24	1 18	15 53	5 0	19 28	1 6	6 54	1 20	4 32	2 22	5 43	0 31	23 33	0 8	10 41	6 47	19 18	19 2	19 1			n.a.
W17	23 3	16 26	1 20	22 42	1 2	16 3	4 58	19 17	1 5	6 51	1 19	4 33	2 22	5 43	0 31	23 34	0 8	10 42	6 46	19 18	19 3	19 3			n.a.
T 18	22 57	13 8	2 24	22 59	0 47	16 13	4 54	19 6	1 5	6 47	1 19	4 34	2 22	5 43	0 31	23 34	0 8	10 42	6 46	19 18	19 4	19 4			n.a.
F 19	22 50	9 10	3 23	23 16	0 32	16 24	4 51	18 55	1 4	6 43	1 19	4 35	2 22	5 44	0 31	23 34	0 8	10 42	6 46	19 17	19 4	19 5			n.a.
S 20	22 43	4 43	4 12	23 31	0 17	16 34	4 48	18 44	1 4	6 39	1 19	4 36	2 21	5 44	0 31	23 34	0 8	10 42	6 46	19 17	19 5	19 7			n.a.
S 21	22 35	0s 4	4 49	23 46	0 3	16 45	4 44	18 33	1 4	6 35	1 18	4 37	2 21	5 44	0 31	23 34	0 8	10 42	6 45	19 17	19 6	19 8			n.a.
M22	22 27	4 58	5 11	23 58	0n11	16 56	4 40	18 21	1 3	6 31	1 18	4 38	2 21	5 45	0 31	23 34	0 8	10 42	6 45	19 17	19 7	19 9			n.a.
T 23	22 19	9 43	5 16	24 9	0 23	17 8	4 37	18 10	1 3	6 27	1 18	4 39	2 21	5 45	0 31	23 34	0 8	10 42	6 45	19 17	19 8	19 10			n.a.
W24	22 10	14 3	5 0	24 18	0 35	17 19	4 33	17 58	1 2	6 23	1 18	4 40	2 20	5 46	0 31	23 34	0 8	10 42	6 44	19 17	19 8	19 12			n.a.
T 25	22 1	17 37	4 26	24 24	0 46	17 30	4 29	17 46	1 2	6 19	1 18	4 41	2 20	5 46	0 31	23 34	0 8	10 43	6 44	19 18	19 9	19 13			n.a.
F 26	21 51	20 5	3 32	24 28	0 56	17 41	4 25	17 34	1 2	6 15	1 17	4 42	2 20	5 46	0 31	23 34	0 8	10 43	6 44	19 18	19 10	19 14			n.a.
S 27	21 41	21 10	2 24	24 30	1 5	17 53	4 20	17 22	1 1	6 11	1 17	4 44	2 19	5 47	0 31	23 34	0 8	10 43	6 43	19 19	19 11	19 15			n.a.
S 28	21 31	20 44	1 7	24 29	1 13	18 4	4 16	17 10	1 1	6 6	1 17	4 45	2 19	5 47	0 30	23 34	0 8	10 43	6 43	19 19	19 11	19 17			n.a.
M29	21 20	18 53	0s14	24 26	1 21	18 15	4 12	16 57	1 0	6 2	1 17	4 46	2 19	5 48	0 30	23 34	0 8	10 43	6 43	19 19	19 12	19 18			n.a.
T 30	21 9	15 51	1 33	24 19	1 27	18 27	4 7	16 45	1 0	5 58	1 17	4 47	2 19	5 49	0 30	23 35	0 8	10 44	6 42	19 19	19 13	19 19			n.a.
W31	20n57	11s58	2s44	24n11	1n33	18n38	4s 2	16n32	1n 0	5n54	1n17	4s49	2n18	5s49	0n30	23s35	0n 8	10s44	6n42	19n19	19n14	19n20			n.a.

Julian Day Number = 1370599.5, Delta T = 06h51m00s
Ecliptic obliquity = 23°48'30, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°20'11, Lahiri = -17°13'10 Julian Calendar 1 July 961 BCE == Greg. Calendar 22 June 961 BCE

The year -960 astronomical counting style corresponds to year 961 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 961 BCE
geocentric

AUGUST 961 BCE (-960) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 1 54	28♋35'38	19♓38	19♋23	13♊16	18♌55	18♍24	17♎28	15♎45	5°R 6	16°R57	5♌ 1	5♌16	17♊ 8	n.a.	T 1
F 2	20 5 51	29°33'57	2♈49	21°18	14° 8	19°35	18°35	17°31	15°47	5♑ 4	16♏57	5° 2	5°13	17°15	n.a.	F 2
S 3	20 9 47	0♌32'19	15°37	23°13	15° 0	20°14	18°46	17°34	15°48	5° 3	16°56	5° 2	5°10	17°22	n.a.	S 3
S 4	20 13 44	1°30'42	28° 4	25° 9	15°52	20°54	18°56	17°37	15°50	5° 1	16°56	5°R 2	5° 6	17°29	n.a.	S 4
M 5	20 17 40	2°29'08	10♉16	27° 4	16°46	21°33	19° 7	17°40	15°52	5° 0	16°56	5° 2	5° 3	17°35	n.a.	M 5
T 6	20 21 37	3°27'36	22°16	28°59	17°39	22°13	19°18	17°44	15°53	4°59	16°56	5° 2	5° 0	17°42	n.a.	T 6
W 7	20 25 34	4°26'07	4♊ 9	0♌54	18°34	22°52	19°29	17°47	15°55	4°57	16°56	5° 2	4°57	17°49	n.a.	W 7
T 8	20 29 30	5°24'40	15°59	2°48	19°29	23°32	19°40	17°50	15°57	4°56	16°D56	5°D 2	4°54	17°55	n.a.	T 8
F 9	20 33 27	6°23'15	27°50	4°41	20°25	24°12	19°51	17°54	15°59	4°55	16°56	5° 2	4°51	18° 2	n.a.	F 9
S 10	20 37 23	7°21'52	9♋46	6°33	21°21	24°52	20° 3	17°58	16° 1	4°53	16°56	5° 2	4°47	18° 9	n.a.	S 10
S 11	20 41 20	8°20'32	21°49	8°25	22°18	25°31	20°14	18° 1	16° 2	4°52	16°56	5° 2	4°44	18°15	n.a.	S 11
M12	20 45 16	9°19'13	4♌ 1	10°16	23°15	26°11	20°25	18° 5	16° 4	4°51	16°56	5°R 2	4°41	18°22	n.a.	M12
T 13	20 49 13	10°17'57	16°25	12° 5	24°12	26°51	20°37	18° 9	16° 6	4°49	16°57	5° 2	4°38	18°29	n.a.	T 13
W14	20 53 9	11°16'43	29° 1	13°54	25°11	27°31	20°48	18°13	16° 8	4°48	16°57	5° 2	4°35	18°35	n.a.	W14
T 15	20 57 6	12°15'31	11♍50	15°42	26° 9	28°11	21° 0	18°17	16°11	4°47	16°57	5° 1	4°32	18°42	n.a.	T 15
F 16	21 1 3	13°14'21	24°52	17°29	27° 8	28°51	21°12	18°21	16°13	4°46	16°57	5° 0	4°28	18°49	n.a.	F 16
S 17	21 4 59	14°13'13	8♎ 9	19°15	28° 8	29°32	21°23	18°25	16°15	4°45	16°57	4°59	4°25	18°55	n.a.	S 17
S 18	21 8 56	15°12'06	21°40	21° 0	29° 8	0♍12	21°35	18°30	16°17	4°43	16°58	4°58	4°22	19° 2	n.a.	S 18
M19	21 12 52	16°11'02	5♏25	22°44	0♋ 8	0°52	21°47	18°34	16°19	4°42	16°58	4°57	4°19	19° 9	n.a.	M19
T 20	21 16 49	17° 9'59	19°23	24°27	1° 9	1°32	21°59	18°38	16°22	4°41	16°58	4°D57	4°16	19°16	n.a.	T 20
W21	21 20 45	18° 8'59	3♐34	26° 9	2°10	2°13	22°11	18°43	16°24	4°40	16°59	4°58	4°12	19°22	n.a.	W21
T 22	21 24 42	19° 8'00	17°56	27°50	3°11	2°53	22°23	18°47	16°26	4°39	16°59	4°58	4° 9	19°29	n.a.	T 22
F 23	21 28 38	20° 7'03	2♑25	29°30	4°13	3°33	22°35	18°52	16°29	4°38	17° 0	5° 0	4° 6	19°36	n.a.	F 23
S 24	21 32 35	21° 6'08	16°58	1♍ 9	5°15	4°14	22°47	18°57	16°31	4°37	17° 0	5° 1	4° 3	19°42	n.a.	S 24
S 25	21 36 31	22° 5'16	1♒29	2°47	6°17	4°54	22°59	19° 2	16°34	4°36	17° 1	5°R 1	4° 0	19°49	n.a.	S 25
M26	21 40 28	23° 4'25	15°53	4°25	7°20	5°35	23°12	19° 6	16°36	4°35	17° 1	5° 1	3°57	19°56	n.a.	M26
T 27	21 44 25	24° 3'36	0♓ 5	6° 2	8°23	6°15	23°24	19°11	16°39	4°34	17° 2	5° 0	3°53	20° 2	n.a.	T 27
W28	21 48 21	25° 2'49	14° 0	7°38	9°27	6°56	23°36	19°16	16°42	4°33	17° 3	4°58	3°50	20° 9	n.a.	W28
T 29	21 52 18	26° 2'05	27°34	9°13	10°31	7°37	23°49	19°21	16°44	4°32	17° 3	4°55	3°47	20°16	n.a.	T 29
F 30	21 56 14	27° 1'23	10♈46	10°47	11°35	8°18	24° 1	19°26	16°47	4°32	17° 4	4°51	3°44	20°22	n.a.	F 30
S 31	22 0 11	28♌ 0'43	23♈36	12♍20	12♋39	8♍58	24♍14	19♎32	16♎50	4♑31	17♏ 5	4♌48	3♌41	20♊29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20n46	7s35	3s43	23n59	1n37	18n49	3s58	16n19	0n59	5n49	1n16	4s50	2n18	5s50	0n30	23s35	0n 8	10s44	6n42	19n18	19n15	19n21			n.a.
F 2	20 33	2 58	4 29	23 45	1 41	19 0	3 53	16 6	0 59	5 45	1 16	4 51	2 18	5 50	0 30	23 35	0 8	10 44	6 42	19 18	19 15	19 23			n.a.
S 3	20 21	1n38	4 59	23 29	1 44	19 10	3 48	15 53	0 58	5 40	1 16	4 53	2 18	5 51	0 30	23 35	0 8	10 45	6 41	19 18	19 16	19 24			n.a.
S 4	20 8	6 3	5 15	23 10	1 46	19 21	3 43	15 40	0 58	5 36	1 16	4 54	2 17	5 52	0 30	23 35	0 8	10 45	6 41	19 18	19 17	19 25			n.a.
M 5	19 54	10 8	5 16	22 50	1 48	19 31	3 38	15 26	0 57	5 32	1 16	4 56	2 17	5 52	0 30	23 35	0 8	10 45	6 41	19 18	19 18	19 26			n.a.
T 6	19 41	13 44	5 3	22 27	1 48	19 41	3 33	15 13	0 57	5 27	1 15	4 57	2 17	5 53	0 30	23 35	0 8	10 45	6 40	19 18	19 19	19 28			n.a.
W 7	19 27	16 45	4 38	22 2	1 49	19 51	3 28	14 59	0 57	5 23	1 15	4 59	2 17	5 54	0 30	23 35	0 8	10 46	6 40	19 18	19 19	19 29			n.a.
T 8	19 12	19 5	4 0	21 35	1 48	20 0	3 23	14 46	0 56	5 18	1 15	5 0	2 16	5 54	0 30	23 35	0 8	10 46	6 40	19 18	19 20	19 30			n.a.
F 9	18 58	20 35	3 12	21 7	1 47	20 10	3 18	14 32	0 56	5 13	1 15	5 2	2 16	5 55	0 30	23 35	0 8	10 46	6 39	19 18	19 21	19 31			n.a.
S 10	18 43	21 11	2 16	20 37	1 45	20 19	3 13	14 18	0 55	5 9	1 15	5 4	2 16	5 56	0 30	23 35	0 8	10 47	6 39	19 18	19 22	19 32			n.a.
S 11	18 27	20 49	1 13	20 6	1 43	20 27	3 8	14 4	0 55	5 4	1 15	5 5	2 16	5 57	0 30	23 35	0 8	10 47	6 39	19 18	19 22	19 34			n.a.
M12	18 12	19 27	0 6	19 33	1 41	20 36	3 3	13 50	0 54	4 59	1 14	5 7	2 16	5 57	0 30	23 35	0 8	10 47	6 38	19 18	19 23	19 35			n.a.
T 13	17 56	17 9	1n 3	19 0	1 38	20 44	2 57	13 36	0 54	4 55	1 14	5 9	2 15	5 58	0 30	23 36	0 8	10 48	6 38	19 18	19 24	19 36			n.a.
W14	17 40	14 1	2 9	18 25	1 34	20 51	2 52	13 21	0 54	4 50	1 14	5 10	2 15	5 59	0 30	23 36	0 8	10 48	6 38	19 18	19 25	19 37			n.a.
T 15	17 23	10 9	3 10	17 49	1 30	20 58	2 47	13 7	0 53	4 45	1 14	5 12	2 15	6 0	0 30	23 36	0 8	10 48	6 37	19 18	19 26	19 38			n.a.
F 16	17 6	5 46	4 3	17 12	1 26	21 5	2 42	12 52	0 53	4 40	1 14	5 14	2 15	6 1	0 30	23 36	0 8	10 49	6 37	19 19	19 26	19 39			n.a.
S 17	16 49	1 2	4 43	16 34	1 22	21 11	2 36	12 38	0 52	4 35	1 14	5 16	2 14	6 2	0 30	23 36	0 8	10 49	6 37	19 19	19 27	19 41			n.a.
S 18	16 32	3s49	5 8	15 56	1 17	21 17	2 31	12 23	0 52	4 31	1 14	5 18	2 14	6 3	0 30	23 36	0 8	10 49	6 37	19 19	19 28	19 42			n.a.
M19	16 14	8 33	5 17	15 17	1 12	21 23	2 26	12 8	0 51	4 26	1 13	5 19	2 14	6 3	0 30	23 36	0 8	10 50	6 36	19 19	19 29	19 43			n.a.
T 20	15 56	12 56	5 7	14 37	1 7	21 28	2 20	11 53	0 51	4 21	1 13	5 21	2 14	6 4	0 30	23 36	0 8	10 50	6 36	19 19	19 29	19 44			n.a.
W21	15 37	16 38	4 38	13 57	1 1	21 32	2 15	11 38	0 50	4 16	1 13	5 23	2 14	6 5	0 30	23 36	0 8	10 51	6 36	19 19	19 30	19 45			n.a.
T 22	15 19	19 24	3 52	13 17	0 55	21 36	2 10	11 23	0 50	4 11	1 13	5 25	2 13	6 6	0 30	23 36	0 7	10 51	6 35	19 19	19 31	19 46			n.a.
F 23	15 0	20 56	2 51	12 36	0 49	21 40	2 4	11 7	0 49	4 6	1 13	5 27	2 13	6 7	0 30	23 36	0 7	10 52	6 35	19 19	19 32	19 48			n.a.
S 24	14 41	21 5	1 38	11 54	0 43	21 43	1 59	10 52	0 49	4 1	1 13	5 29	2 13	6 8	0 30	23 36	0 7	10 52	6 35	19 18	19 32	19 49			n.a.
S 25	14 22	19 49	0 20	11 13	0 37	21 46	1 54	10 36	0 48	3 56	1 13	5 31	2 13	6 9	0 30	23 36	0 7	10 52	6 34	19 18	19 33	19 50			n.a.
M26	14 2	17 16	1s 0	10 31	0 31	21 48	1 49	10 21	0 48	3 51	1 13	5 33	2 12	6 10	0 30	23 36	0 7	10 53	6 34	19 18	19 34	19 51			n.a.
T 27	13 42	13 42	2 14	9 49	0 24	21 49	1 43	10 5	0 47	3 46	1 12	5 35	2 12	6 11	0 30	23 36	0 7	10 53	6 34	19 19	19 35	19 52			n.a.
W28	13 22	9 26	3 19	9 6	0 17	21 50	1 38	9 50	0 47	3 41	1 12	5 37	2 12	6 12	0 30	23 36	0 7	10 54	6 33	19 19	19 35	19 53			n.a.
T 29	13 2	4 48	4 11	8 24	0 10	21 51	1 33	9 34	0 47	3 36	1 12	5 40	2 12	6 13	0 29	23 36	0 7	10 54	6 33	19 20	19 36	19 54			n.a.
F 30	12 42	0 4	4 47	7 42	0 4	21 50	1 28	9 18	0 46	3 31	1 12	5 42	2 12	6 14	0 29	23 36	0 7	10 55	6 33	19 21	19 37	19 55			n.a.
S 31	12n21	4n32	5s 9	6n59	0s 3	21n50	1s23	9n 2	0n46	3n26	1n12	5s44	2n11	6s16	0n29	23s36	0n 7	10s55	6n32	19n22	19n38	19n57			n.a.

Julian Day Number = 1370630.5, Delta T = 06h50m59s
Ecliptic obliquity = 23°48'30, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°20'07, Lahiri = -17°13'06 Julian Calendar 1 Aug. 961 BCE == Greg. Calendar 23 July 961 BCE

The year -960 astronomical counting style corresponds to year 961 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 961 BCE
geocentric

SEPTEMBER 961 BCE (-960) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 4 7	29♌ 0'06	6♉ 6	13♍53	13♋44	9♍39	24♍26	19♎37	16♎52	4°R30	17♏ 5	4°R45	3♌38	20♊36	n.a.	S 1
M 2	22 8 4	29°59'31	18°20	15°25	14°49	10°20	24°39	19°42	16°55	4♑29	17° 6	4♌44	3°34	20°42	n.a.	M 2
T 3	22 12 0	0♍58'59	0♊21	16°56	15°54	11° 1	24°51	19°47	16°58	4°28	17° 7	4°D43	3°31	20°49	n.a.	T 3
W 4	22 15 57	1°58'29	12°14	18°26	17° 0	11°42	25° 4	19°53	17° 1	4°28	17° 8	4°43	3°28	20°56	n.a.	W 4
T 5	22 19 53	2°58'02	24° 4	19°56	18° 6	12°23	25°17	19°58	17° 4	4°27	17° 9	4°45	3°25	21° 2	n.a.	T 5
F 6	22 23 50	3°57'37	5♋56	21°25	19°12	13° 4	25°29	20° 4	17° 7	4°26	17°10	4°47	3°22	21° 9	n.a.	F 6
S 7	22 27 47	4°57'15	17°54	22°53	20°18	13°45	25°42	20° 9	17°10	4°26	17°11	4°48	3°18	21°16	n.a.	S 7
S 8	22 31 43	5°56'54	0♌ 3	24°20	21°24	14°27	25°55	20°15	17°13	4°25	17°12	4°R49	3°15	21°23	n.a.	S 8
M 9	22 35 40	6°56'37	12°26	25°46	22°31	15° 8	26° 8	20°21	17°16	4°25	17°13	4°49	3°12	21°29	n.a.	M 9
T 10	22 39 36	7°56'21	25° 5	27°12	23°38	15°49	26°21	20°26	17°19	4°24	17°14	4°47	3° 9	21°36	n.a.	T 10
W11	22 43 33	8°56'07	8♍ 1	28°37	24°45	16°31	26°34	20°32	17°22	4°24	17°15	4°44	3° 6	21°43	n.a.	W11
T 12	22 47 29	9°55'56	21°13	0♎ 1	25°53	17°12	26°47	20°38	17°25	4°23	17°16	4°39	3° 3	21°49	n.a.	T 12
F 13	22 51 26	10°55'47	4♎42	1°24	27° 1	17°53	27° 0	20°44	17°28	4°23	17°17	4°33	2°59	21°56	n.a.	F 13
S 14	22 55 22	11°55'39	18°23	2°46	28° 8	18°35	27°13	20°50	17°32	4°22	17°18	4°27	2°56	22° 3	n.a.	S 14
S 15	22 59 19	12°55'34	2♏15	4° 7	29°16	19°17	27°26	20°56	17°35	4°22	17°19	4°21	2°53	22° 9	n.a.	S 15
M16	23 3 16	13°55'30	16°15	5°27	0♌25	19°58	27°39	21° 2	17°38	4°22	17°20	4°17	2°50	22°16	n.a.	M16
T 17	23 7 12	14°55'29	0♐20	6°46	1°33	20°40	27°52	21° 8	17°41	4°21	17°22	4°14	2°47	22°23	n.a.	T 17
W18	23 11 9	15°55'29	14°28	8° 3	2°42	21°22	28° 5	21°14	17°45	4°21	17°23	4°D13	2°43	22°29	n.a.	W18
T 19	23 15 5	16°55'31	28°37	9°20	3°51	22° 3	28°18	21°20	17°48	4°21	17°24	4°14	2°40	22°36	n.a.	T 19
F 20	23 19 2	17°55'34	12♑45	10°35	5° 0	22°45	28°31	21°26	17°51	4°21	17°25	4°15	2°37	22°43	n.a.	F 20
S 21	23 22 58	18°55'40	26°52	11°48	6° 9	23°27	28°45	21°33	17°55	4°21	17°27	4°16	2°34	22°49	n.a.	S 21
S 22	23 26 55	19°55'47	10♒56	12°59	7°18	24° 9	28°58	21°39	17°58	4°20	17°28	4°R16	2°31	22°56	n.a.	S 22
M23	23 30 51	20°55'55	24°53	14° 9	8°28	24°51	29°11	21°45	18° 1	4°20	17°30	4°14	2°28	23° 3	n.a.	M23
T 24	23 34 48	21°56'06	8♓41	15°17	9°37	25°33	29°24	21°52	18° 5	4°20	17°31	4°10	2°24	23° 9	n.a.	T 24
W25	23 38 44	22°56'18	22°17	16°22	10°47	26°15	29°37	21°58	18° 8	4°D20	17°32	4° 4	2°21	23°16	n.a.	W25
T 26	23 42 41	23°56'33	5♈38	17°25	11°57	26°57	29°51	22° 4	18°12	4°20	17°34	3°55	2°18	23°23	n.a.	T 26
F 27	23 46 38	24°56'49	18°42	18°25	13° 7	27°39	0♎ 4	22°11	18°15	4°20	17°35	3°46	2°15	23°29	n.a.	F 27
S 28	23 50 34	25°57'07	1♉28	19°21	14°18	28°21	0°17	22°17	18°19	4°20	17°37	3°36	2°12	23°36	n.a.	S 28
S 29	23 54 31	26°57'27	13°56	20°15	15°28	29° 4	0°30	22°24	18°22	4°20	17°38	3°28	2° 9	23°43	n.a.	S 29
M30	23 58 27	27♍57'50	26♉10	21♎ 4	16♌39	29♍46	0♎44	22♎31	18♎26	4♑21	17♏40	3♌21	2♌ 5	23♊49	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n 0	8n49	5s14	6n17	0s10	21n48	1s17	8n46	0n45	3n20	1n12	5s46	2n11	6s17	0n29	23s37	0n 7	10s56	6n32	19n22	19n39	19n58		n.a.
M 2	11 39	12 39	5 6	5 34	0 17	21 46	1 12	8 30	0 45	3 15	1 12	5 48	2 11	6 18	0 29	23 37	0 7	10 56	6 32	19 23	19 39	19 59		n.a.
T 3	11 18	15 55	4 44	4 52	0 24	21 44	1 7	8 13	0 44	3 10	1 12	5 50	2 11	6 19	0 29	23 37	0 7	10 57	6 32	19 23	19 40	20 0		n.a.
W 4	10 56	18 29	4 10	4 10	0 32	21 41	1 2	7 57	0 44	3 5	1 12	5 53	2 11	6 20	0 29	23 37	0 7	10 57	6 31	19 23	19 41	20 1		n.a.
T 5	10 34	20 15	3 25	3 27	0 39	21 37	0 57	7 41	0 43	3 0	1 11	5 55	2 11	6 21	0 29	23 37	0 7	10 58	6 31	19 22	19 42	20 2		n.a.
F 6	10 12	21 9	2 32	2 45	0 46	21 33	0 52	7 24	0 43	2 54	1 11	5 57	2 10	6 22	0 29	23 37	0 7	10 58	6 31	19 22	19 42	20 3		n.a.
S 7	9 50	21 5	1 31	2 4	0 53	21 28	0 47	7 8	0 42	2 49	1 11	5 59	2 10	6 24	0 29	23 37	0 7	10 59	6 30	19 21	19 43	20 4		n.a.
S 8	9 28	20 2	0 26	1 22	1 0	21 23	0 42	6 51	0 42	2 44	1 11	6 2	2 10	6 25	0 29	23 37	0 7	11 0	6 30	19 21	19 44	20 5		n.a.
M 9	9 6	18 0	0n42	0 41	1 7	21 17	0 38	6 35	0 41	2 39	1 11	6 4	2 10	6 26	0 29	23 37	0 7	11 0	6 30	19 21	19 45	20 7		n.a.
T 10	8 43	15 4	1 48	0 0	1 14	21 10	0 33	6 18	0 41	2 33	1 11	6 6	2 10	6 27	0 29	23 37	0 7	11 1	6 29	19 22	19 45	20 8		n.a.
W11	8 21	11 20	2 51	0s40	1 21	21 3	0 28	6 1	0 40	2 28	1 11	6 9	2 10	6 28	0 29	23 37	0 7	11 1	6 29	19 22	19 46	20 9		n.a.
T 12	7 58	6 59	3 46	1 20	1 28	20 55	0 23	5 44	0 40	2 23	1 11	6 11	2 9	6 30	0 29	23 37	0 7	11 2	6 29	19 24	19 47	20 10		n.a.
F 13	7 35	2 13	4 30	2 0	1 34	20 46	0 19	5 27	0 39	2 17	1 11	6 13	2 9	6 31	0 29	23 37	0 7	11 2	6 29	19 25	19 47	20 11		n.a.
S 14	7 12	2s44	4 58	2 39	1 41	20 37	0 14	5 10	0 38	2 12	1 11	6 16	2 9	6 32	0 29	23 37	0 7	11 3	6 28	19 27	19 48	20 12		n.a.
S 15	6 48	7 36	5 10	3 18	1 48	20 27	0 10	4 53	0 38	2 7	1 11	6 18	2 9	6 33	0 29	23 37	0 7	11 4	6 28	19 28	19 49	20 13		n.a.
M16	6 25	12 7	5 4	3 56	1 54	20 17	0 5	4 36	0 37	2 1	1 11	6 21	2 9	6 35	0 29	23 37	0 7	11 4	6 28	19 29	19 50	20 14		n.a.
T 17	6 2	15 59	4 39	4 33	2 0	20 6	0 1	4 19	0 37	1 56	1 10	6 23	2 9	6 36	0 29	23 37	0 7	11 5	6 27	19 30	19 50	20 15		n.a.
W18	5 38	18 58	3 57	5 10	2 6	19 55	0n 3	4 2	0 36	1 51	1 10	6 26	2 8	6 37	0 29	23 37	0 7	11 5	6 27	19 30	19 51	20 16		n.a.
T 19	5 14	20 47	3 1	5 46	2 12	19 43	0 8	3 45	0 36	1 45	1 10	6 28	2 8	6 39	0 29	23 37	0 7	11 6	6 27	19 30	19 52	20 17		n.a.
F 20	4 51	21 18	1 54	6 21	2 17	19 30	0 12	3 28	0 35	1 40	1 10	6 31	2 8	6 40	0 29	23 37	0 7	11 7	6 27	19 30	19 53	20 18		n.a.
S 21	4 27	20 27	0 40	6 55	2 23	19 17	0 16	3 10	0 35	1 35	1 10	6 33	2 8	6 41	0 29	23 37	0 7	11 7	6 26	19 29	19 53	20 19		n.a.
S 22	4 3	18 20	0s36	7 28	2 28	19 3	0 20	2 53	0 34	1 29	1 10	6 36	2 8	6 43	0 29	23 37	0 7	11 8	6 26	19 29	19 54	20 20		n.a.
M23	3 39	15 8	1 49	8 0	2 32	18 49	0 24	2 35	0 34	1 24	1 10	6 38	2 8	6 44	0 29	23 37	0 7	11 9	6 26	19 30	19 55	20 21		n.a.
T 24	3 15	11 8	2 55	8 30	2 37	18 34	0 28	2 18	0 33	1 19	1 10	6 41	2 8	6 45	0 29	23 37	0 7	11 9	6 25	19 31	19 56	20 22		n.a.
W25	2 51	6 37	3 49	9 0	2 40	18 18	0 31	2 1	0 33	1 13	1 10	6 43	2 8	6 47	0 29	23 37	0 7	11 10	6 25	19 32	19 56	20 23		n.a.
T 26	2 26	1 51	4 30	9 27	2 44	18 2	0 35	1 43	0 32	1 8	1 10	6 46	2 7	6 48	0 29	23 37	0 7	11 11	6 25	19 34	19 57	20 24		n.a.
F 27	2 2	2n53	4 56	9 53	2 47	17 45	0 39	1 26	0 31	1 2	1 10	6 48	2 7	6 49	0 29	23 37	0 7	11 11	6 25	19 37	19 58	20 25		n.a.
S 28	1 38	7 23	5 6	10 18	2 49	17 28	0 42	1 8	0 31	0 57	1 10	6 51	2 7	6 51	0 29	23 37	0 7	11 12	6 24	19 39	19 59	20 26		n.a.
S 29	1 14	11 29	5 1	10 40	2 51	17 11	0 46	0 51	0 30	0 52	1 10	6 53	2 7	6 52	0 29	23 37	0 7	11 13	6 24	19 41	19 59	20 27		n.a.
M30	0n49	15n 1	4s43	11s 0	2s52	16n52	0n49	0n33	0n30	0n46	1n10	6s56	2n 7	6s53	0n29	23s37	0n 7	11s13	6n24	19n42	20n 0	20n28		n.a.

Julian Day Number = 1370661.5, Delta T = 06h50m57s
Ecliptic obliquity = 23°48'31, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°20'02, Lahiri = -17°13'02 Julian Calendar 1 Sept. 961 BCE == Greg. Calendar 23 Aug. 961 BCE

The year -960 astronomical counting style corresponds to year 961 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 961 BCE
geocentric

OCTOBER 961 BCE (-960) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 2 24	28♍58'14	8♊10	21♎48	17♌49	0♎28	0♎57	22♎37	18♎29	4♑21	17♏42	3°R16	2♌ 2	23♊56	n.a.	T 1
W 2	0 6 20	29°58'41	20° 3	22°28	19° 0	1°11	1°10	22°44	18°33	4°21	17°43	3♌14	1°59	24° 3	n.a.	W 2
T 3	0 10 17	0♎59'10	1♋52	23° 2	20°11	1°53	1°24	22°50	18°36	4°21	17°45	3°D13	1°56	24° 9	n.a.	T 3
F 4	0 14 13	1°59'40	13°43	23°30	21°22	2°36	1°37	22°57	18°40	4°22	17°47	3°14	1°53	24°16	n.a.	F 4
S 5	0 18 10	3° 0'13	25°41	23°51	22°34	3°18	1°50	23° 4	18°44	4°22	17°48	3°14	1°49	24°23	n.a.	S 5
S 6	0 22 7	4° 0'48	7♌52	24° 5	23°45	4° 1	2° 4	23°11	18°47	4°22	17°50	3°R15	1°46	24°29	n.a.	S 6
M 7	0 26 3	5° 1'24	20°21	24°R11	24°57	4°44	2°17	23°17	18°51	4°23	17°52	3°13	1°43	24°36	n.a.	M 7
T 8	0 30 0	6° 2'03	3♍ 9	24° 7	26° 8	5°26	2°30	23°24	18°55	4°23	17°53	3° 9	1°40	24°43	n.a.	T 8
W 9	0 33 56	7° 2'43	16°20	23°54	27°20	6° 9	2°44	23°31	18°58	4°23	17°55	3° 2	1°37	24°49	n.a.	W 9
T 10	0 37 53	8° 3'25	29°54	23°31	28°32	6°52	2°57	23°38	19° 2	4°24	17°57	2°53	1°34	24°56	n.a.	T 10
F 11	0 41 49	9° 4'08	13♎48	22°57	29°44	7°35	3°10	23°45	19° 6	4°24	17°59	2°43	1°30	25° 3	n.a.	F 11
S 12	0 45 46	10° 4'53	27°58	22°13	0♍56	8°18	3°23	23°52	19° 9	4°25	18° 1	2°31	1°27	25° 9	n.a.	S 12
S 13	0 49 42	11° 5'39	12♏19	21°19	2° 8	9° 1	3°37	23°58	19°13	4°26	18° 2	2°21	1°24	25°16	n.a.	S 13
M14	0 53 39	12° 6'27	26°44	20°16	3°21	9°44	3°50	24° 5	19°17	4°26	18° 4	2°12	1°21	25°23	n.a.	M14
T 15	0 57 35	13° 7'16	11♐ 8	19° 6	4°33	10°27	4° 3	24°12	19°20	4°27	18° 6	2° 5	1°18	25°30	n.a.	T 15
W16	1 1 32	14° 8'07	25°26	17°49	5°45	11°10	4°17	24°19	19°24	4°28	18° 8	2° 2	1°14	25°36	n.a.	W16
T 17	1 5 29	15° 8'58	9♑36	16°28	6°58	11°53	4°30	24°26	19°28	4°28	18°10	2°D 1	1°11	25°43	n.a.	T 17
F 18	1 9 25	16° 9'51	23°37	15° 6	8°11	12°36	4°43	24°33	19°32	4°29	18°12	2° 1	1° 8	25°50	n.a.	F 18
S 19	1 13 22	17°10'44	7♒28	13°46	9°23	13°19	4°56	24°40	19°35	4°30	18°14	2°R 1	1° 5	25°56	n.a.	S 19
S 20	1 17 18	18°11'39	21° 9	12°30	10°36	14° 3	5° 9	24°47	19°39	4°31	18°16	1°59	1° 2	26° 3	n.a.	S 20
M21	1 21 15	19°12'34	4♓41	11°20	11°49	14°46	5°22	24°54	19°43	4°32	18°18	1°56	0°59	26°10	n.a.	M21
T 22	1 25 11	20°13'31	18° 3	10°20	13° 2	15°30	5°36	25° 1	19°47	4°32	18°20	1°49	0°55	26°16	n.a.	T 22
W23	1 29 8	21°14'28	1♈15	9°29	14°15	16°13	5°49	25° 8	19°50	4°33	18°22	1°39	0°52	26°23	n.a.	W23
T 24	1 33 5	22°15'27	14°15	8°50	15°28	16°57	6° 2	25°15	19°54	4°34	18°24	1°27	0°49	26°30	n.a.	T 24
F 25	1 37 1	23°16'26	27° 3	8°22	16°41	17°40	6°15	25°22	19°58	4°35	18°26	1°13	0°46	26°36	n.a.	F 25
S 26	1 40 58	24°17'27	9♉38	8° 5	17°55	18°24	6°28	25°29	20° 1	4°36	18°28	0°59	0°43	26°43	n.a.	S 26
S 27	1 44 54	25°18'29	21°59	8°D 0	19° 8	19° 7	6°41	25°36	20° 5	4°37	18°30	0°46	0°40	26°50	n.a.	S 27
M28	1 48 51	26°19'32	4♊ 8	8° 6	20°21	19°51	6°54	25°43	20° 9	4°38	18°32	0°35	0°36	26°56	n.a.	M28
T 29	1 52 47	27°20'37	16° 6	8°21	21°35	20°35	7° 7	25°50	20°13	4°40	18°34	0°26	0°33	27° 3	n.a.	T 29
W30	1 56 44	28°21'43	27°56	8°45	22°49	21°19	7°20	25°57	20°16	4°41	18°36	0°21	0°30	27°10	n.a.	W30
T 31	2 0 40	29♎22'49	9♋44	9♎18	24♍ 2	22♎ 2	7♎33	26♎ 4	20♎20	4♑42	18♏38	0♌18	0♌27	27♊16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	0n25	17n52	4s12	11s17	2s53	16n34	0n53	0n15	0n29	0n41	1n10	6s58	2n 7	6s55	0n29	23s37	0n 7	11s14	6n24	19n44	20n 1	20n29					n.a.
W 2	0 1	19 56	3 30	11 32	2 52	16 14	0 56	0s 2	0 29	0 35	1 10	7 1	2 7	6 56	0 29	23 37	0 7	11 15	6 23	19 44	20 1	20 30					n.a.
T 3	0s24	21 8	2 40	11 43	2 51	15 55	0 59	0 20	0 28	0 30	1 10	7 4	2 7	6 58	0 29	23 37	0 7	11 15	6 23	19 44	20 2	20 31					n.a.
F 4	0 48	21 23	1 43	11 52	2 48	15 34	1 2	0 38	0 28	0 24	1 10	7 6	2 6	6 59	0 29	23 37	0 7	11 16	6 23	19 44	20 3	20 32					n.a.
S 5	1 13	20 40	0 40	11 56	2 44	15 14	1 5	0 55	0 27	0 19	1 10	7 9	2 6	7 0	0 29	23 37	0 7	11 17	6 23	19 44	20 4	20 33					n.a.
S 6	1 37	18 59	0n25	11 57	2 40	14 53	1 8	1 13	0 26	0 14	1 10	7 11	2 6	7 2	0 29	23 37	0 7	11 17	6 22	19 44	20 4	20 34					n.a.
M 7	2 2	16 21	1 30	11 53	2 33	14 31	1 11	1 31	0 26	0 8	1 9	7 14	2 6	7 3	0 29	23 37	0 7	11 18	6 22	19 44	20 5	20 35					n.a.
T 8	2 26	12 52	2 33	11 44	2 25	14 9	1 14	1 48	0 25	0 3	1 9	7 17	2 6	7 5	0 29	23 37	0 7	11 19	6 22	19 45	20 6	20 36					n.a.
W 9	2 50	8 40	3 29	11 31	2 16	13 46	1 16	2 6	0 25	0s 2	1 9	7 19	2 6	7 6	0 29	23 37	0 7	11 20	6 22	19 47	20 6	20 37					n.a.
T 10	3 15	3 55	4 14	11 12	2 5	13 24	1 19	2 24	0 24	0 8	1 9	7 22	2 6	7 7	0 29	23 37	0 7	11 20	6 21	19 49	20 7	20 38					n.a.
F 11	3 39	1s 8	4 46	10 47	1 52	13 0	1 21	2 42	0 23	0 13	1 9	7 25	2 6	7 9	0 29	23 37	0 7	11 21	6 21	19 51	20 8	20 39					n.a.
S 12	4 3	6 14	5 1	10 17	1 37	12 37	1 24	2 59	0 23	0 19	1 9	7 27	2 6	7 10	0 29	23 37	0 7	11 22	6 21	19 54	20 9	20 40					n.a.
S 13	4 27	11 3	4 58	9 42	1 21	12 12	1 26	3 17	0 22	0 24	1 9	7 30	2 6	7 12	0 29	23 37	0 7	11 22	6 21	19 56	20 9	20 41					n.a.
M14	4 51	15 16	4 35	9 1	1 3	11 48	1 28	3 35	0 22	0 29	1 9	7 32	2 6	7 13	0 29	23 37	0 7	11 23	6 21	19 58	20 10	20 42					n.a.
T 15	5 15	18 34	3 56	8 16	0 44	11 23	1 30	3 52	0 21	0 35	1 9	7 35	2 6	7 15	0 29	23 37	0 7	11 24	6 20	20 0	20 11	20 43					n.a.
W16	5 39	20 43	3 1	7 28	0 24	10 58	1 32	4 10	0 20	0 40	1 9	7 38	2 5	7 16	0 29	23 37	0 7	11 25	6 20	20 1	20 11	20 44					n.a.
T 17	6 3	21 32	1 56	6 37	0 4	10 32	1 34	4 28	0 20	0 45	1 9	7 40	2 5	7 17	0 29	23 37	0 7	11 25	6 20	20 1	20 12	20 45					n.a.
F 18	6 27	20 59	0 44	5 46	0n17	10 6	1 36	4 46	0 19	0 51	1 9	7 43	2 5	7 19	0 29	23 37	0 7	11 26	6 20	20 1	20 13	20 46					n.a.
S 19	6 51	19 9	0s29	4 56	0 37	9 40	1 37	5 3	0 19	0 56	1 9	7 46	2 5	7 20	0 29	23 37	0 7	11 27	6 20	20 1	20 14	20 47					n.a.
S 20	7 14	16 14	1 40	4 9	0 57	9 14	1 39	5 21	0 18	1 1	1 9	7 48	2 5	7 22	0 29	23 37	0 7	11 27	6 19	20 1	20 14	20 48					n.a.
M21	7 38	12 28	2 44	3 24	1 15	8 47	1 41	5 38	0 17	1 7	1 9	7 51	2 5	7 23	0 29	23 37	0 6	11 28	6 19	20 2	20 15	20 49					n.a.
T 22	8 1	8 8	3 38	2 45	1 31	8 20	1 42	5 56	0 17	1 12	1 9	7 54	2 5	7 25	0 29	23 37	0 6	11 29	6 19	20 4	20 16	20 50					n.a.
W23	8 25	3 27	4 19	2 12	1 46	7 53	1 43	6 13	0 16	1 17	1 9	7 56	2 5	7 26	0 29	23 37	0 6	11 30	6 19	20 6	20 16	20 50					n.a.
T 24	8 48	1n18	4 47	1 45	1 58	7 25	1 45	6 31	0 16	1 22	1 9	7 59	2 5	7 28	0 29	23 37	0 6	11 30	6 19	20 9	20 17	20 51					n.a.
F 25	9 11	5 56	4 59	1 24	2 9	6 57	1 46	6 48	0 15	1 28	1 9	8 1	2 5	7 29	0 29	23 37	0 6	11 31	6 18	20 12	20 18	20 52					n.a.
S 26	9 34	10 14	4 57	1 9	2 17	6 29	1 47	7 6	0 14	1 33	1 9	8 4	2 5	7 30	0 29	23 37	0 6	11 32	6 18	20 15	20 18	20 53					n.a.
S 27	9 56	14 2	4 40	1 1	2 24	6 1	1 48	7 23	0 14	1 38	1 9	8 7	2 5	7 32	0 28	23 37	0 6	11 33	6 18	20 18	20 19	20 54					n.a.
M28	10 19	17 11	4 11	0 59	2 29	5 32	1 49	7 41	0 13	1 43	1 9	8 9	2 5	7 33	0 28	23 37	0 6	11 33	6 18	20 20	20 20	20 55					n.a.
T 29	10 41	19 34	3 31	1 2	2 32	5 4	1 49	7 58	0 12	1 48	1 9	8 12	2 5	7 35	0 28	23 37	0 6	11 34	6 18	20 22	20 21	20 56					n.a.
W30	11 3	21 5	2 42	1 10	2 34	4 35	1 50	8 15	0 12	1 53	1 9	8 14	2 5	7 36	0 28	23 37	0 6	11 35	6 18	20 23	20 21	20 57					n.a.
T 31	11s25	21n41	1s47	1s22	2n35	4n 6	1n51	8s32	0n11	1s59	1n 9	8s17	2n 5	7s38	0n28	23s37	0n 6	11s35	6n17	20n24	20n22	20n58					n.a.

Julian Day Number = 1370691.5, Delta T = 06h50m56s
Ecliptic obliquity = 23°48'31, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°19'58, Lahiri = -17°12'58 Julian Calendar 1 Oct. 961 BCE == Greg. Calendar 22 Sept. 961 BCE

The year -960 astronomical counting style corresponds to year 961 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 961 BCE
geocentric

NOVEMBER 961 BCE (-960) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 4 37	0♏23'57	21♋33	9♎58	25♍16	22♎46	7♎45	26♎11	20♎24	4♑43	18♏40	0°R17	0♌24	27♊23	n.a.	F 1
S 2	2 8 34	1°25'06	3♌29	10°44	26°30	23°30	7°58	26°18	20°27	4°44	18°42	0♌16	0°20	27°30	n.a.	S 2
S 3	2 12 30	2°26'16	15°38	11°35	27°43	24°14	8°11	26°25	20°31	4°46	18°45	0°16	0°17	27°36	n.a.	S 3
M 4	2 16 27	3°27'27	28° 4	12°32	28°57	24°58	8°24	26°32	20°35	4°47	18°47	0°14	0°14	27°43	n.a.	M 4
T 5	2 20 23	4°28'39	10♍54	13°33	0♎11	25°42	8°36	26°39	20°38	4°48	18°49	0°10	0°11	27°50	n.a.	T 5
W 6	2 24 20	5°29'52	24°10	14°38	1°25	26°26	8°49	26°46	20°42	4°50	18°51	0° 3	0° 8	27°56	n.a.	W 6
T 7	2 28 16	6°31'06	7♎53	15°47	2°39	27°11	9° 2	26°53	20°46	4°51	18°53	29♋54	0° 5	28° 3	n.a.	T 7
F 8	2 32 13	7°32'21	22° 3	16°58	3°53	27°55	9°14	27° 0	20°49	4°52	18°55	29°42	0° 1	28°10	n.a.	F 8
S 9	2 36 9	8°33'36	6♏35	18°12	5° 7	28°39	9°27	27° 7	20°53	4°54	18°58	29°30	29♋58	28°16	n.a.	S 9
S 10	2 40 6	9°34'52	21°21	19°28	6°21	29°23	9°39	27°14	20°57	4°55	19° 0	29°18	29°55	28°23	n.a.	S 10
M11	2 44 3	10°36'09	6♐14	20°46	7°36	0♏ 8	9°51	27°21	21° 0	4°57	19° 2	29° 8	29°52	28°30	n.a.	M11
T 12	2 47 59	11°37'25	21° 4	22° 5	8°50	0°52	10° 4	27°28	21° 4	4°58	19° 4	29° 1	29°49	28°36	n.a.	T 12
W13	2 51 56	12°38'42	5♑44	23°26	10° 4	1°37	10°16	27°35	21° 7	5° 0	19° 6	28°56	29°46	28°43	n.a.	W13
T 14	2 55 52	13°40'00	20° 9	24°48	11°18	2°21	10°28	27°42	21°11	5° 1	19° 9	28°55	29°42	28°50	n.a.	T 14
F 15	2 59 49	14°41'17	4♒16	26°12	12°33	3° 6	10°40	27°48	21°14	5° 3	19°11	28°D54	29°39	28°56	n.a.	F 15
S 16	3 3 45	15°42'34	18° 6	27°36	13°47	3°50	10°53	27°55	21°18	5° 5	19°13	28°R55	29°36	29° 3	n.a.	S 16
S 17	3 7 42	16°43'51	1♓38	29° 1	15° 1	4°35	11° 5	28° 2	21°21	5° 6	19°15	28°54	29°33	29°10	n.a.	S 17
M18	3 11 38	17°45'08	14°55	0♏27	16°16	5°19	11°17	28° 9	21°25	5° 8	19°17	28°51	29°30	29°16	n.a.	M18
T 19	3 15 35	18°46'25	27°58	1°54	17°30	6° 4	11°29	28°16	21°28	5° 9	19°20	28°45	29°26	29°23	n.a.	T 19
W20	3 19 32	19°47'41	10♈49	3°21	18°44	6°49	11°40	28°22	21°32	5°11	19°22	28°36	29°23	29°30	n.a.	W20
T 21	3 23 28	20°48'58	23°29	4°49	19°59	7°34	11°52	28°29	21°35	5°13	19°24	28°25	29°20	29°36	n.a.	T 21
F 22	3 27 25	21°50'15	5♉59	6°18	21°13	8°18	12° 4	28°36	21°38	5°15	19°26	28°13	29°17	29°43	n.a.	F 22
S 23	3 31 21	22°51'31	18°18	7°47	22°28	9° 3	12°16	28°42	21°42	5°16	19°28	28° 0	29°14	29°50	n.a.	S 23
S 24	3 35 18	23°52'48	0♊28	9°16	23°42	9°48	12°27	28°49	21°45	5°18	19°31	27°48	29°11	29°56	n.a.	S 24
M25	3 39 14	24°54'04	12°29	10°46	24°57	10°33	12°39	28°55	21°48	5°20	19°33	27°37	29° 7	0♌ 3	n.a.	M25
T 26	3 43 11	25°55'21	24°22	12°16	26°11	11°18	12°50	29° 2	21°51	5°22	19°35	27°29	29° 4	0°10	n.a.	T 26
W27	3 47 8	26°56'38	6♋11	13°47	27°26	12° 3	13° 1	29° 8	21°55	5°24	19°37	27°24	29° 1	0°16	n.a.	W27
T 28	3 51 4	27°57'54	17°58	15°18	28°41	12°48	13°13	29°15	21°58	5°26	19°39	27°22	28°58	0°23	n.a.	T 28
F 29	3 55 1	28°59'11	29°46	16°49	29°55	13°33	13°24	29°21	22° 1	5°28	19°42	27°D21	28°55	0°30	n.a.	F 29
S 30	3 58 57	0♐ 0'27	11♌41	18♏21	1♏10	14♏19	13♎35	29♎28	22♎ 4	5♑30	19♏44	27♋22	28♋51	0♋36	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s47	21n18	0s46	1s39	2n34	3n36	1n51	8s50	0n11	2s 4	1n10	8s20	2n 5	7s39	0n28	23s37	0n 6	11s36	6n17	20n24	20n23	20n58		n.a.
S 2	12 9	19 57	0n17	1 58	2 33	3 7	1 52	9 7	0 10	2 9	1 10	8 22	2 5	7 40	0 28	23 37	0 6	11 37	6 17	20 24	20 23	20 59		n.a.
S 3	12 30	17 41	1 20	2 21	2 30	2 38	1 52	9 24	0 9	2 14	1 10	8 25	2 5	7 42	0 28	23 37	0 6	11 38	6 17	20 24	20 24	21 0		n.a.
M 4	12 52	14 32	2 21	2 46	2 27	2 8	1 52	9 41	0 9	2 19	1 10	8 27	2 5	7 43	0 28	23 37	0 6	11 38	6 17	20 25	20 25	21 1		n.a.
T 5	13 13	10 37	3 17	3 14	2 23	1 38	1 52	9 58	0 8	2 24	1 10	8 30	2 5	7 45	0 28	23 37	0 6	11 39	6 17	20 26	20 25	21 2		n.a.
W 6	13 33	6 5	4 4	3 44	2 19	1 8	1 52	10 14	0 7	2 29	1 10	8 32	2 5	7 46	0 28	23 37	0 6	11 40	6 16	20 27	20 26	21 3		n.a.
T 7	13 54	1 5	4 39	4 15	2 14	0 39	1 52	10 31	0 7	2 34	1 10	8 35	2 5	7 47	0 28	23 37	0 6	11 41	6 16	20 29	20 27	21 4		n.a.
F 8	14 14	4s 7	4 58	4 48	2 8	0 9	1 52	10 48	0 6	2 39	1 10	8 38	2 5	7 49	0 28	23 37	0 6	11 41	6 16	20 32	20 27	21 4		n.a.
S 9	14 34	9 14	4 58	5 21	2 3	0s21	1 52	11 5	0 5	2 44	1 10	8 40	2 5	7 50	0 28	23 37	0 6	11 42	6 16	20 34	20 28	21 5		n.a.
S 10	14 54	13 53	4 39	5 56	1 56	0 51	1 52	11 21	0 5	2 49	1 10	8 43	2 5	7 51	0 28	23 37	0 6	11 43	6 16	20 37	20 29	21 6		n.a.
M11	15 14	17 44	4 1	6 32	1 50	1 21	1 51	11 38	0 4	2 54	1 10	8 45	2 5	7 53	0 28	23 37	0 6	11 43	6 16	20 39	20 30	21 7		n.a.
T 12	15 33	20 25	3 6	7 8	1 44	1 51	1 51	11 54	0 3	2 58	1 10	8 48	2 5	7 54	0 28	23 37	0 6	11 44	6 16	20 40	20 30	21 8		n.a.
W13	15 52	21 42	2 0	7 45	1 37	2 21	1 50	12 10	0 3	3 3	1 10	8 50	2 5	7 55	0 28	23 37	0 6	11 45	6 16	20 41	20 31	21 9		n.a.
T 14	16 11	21 30	0 46	8 22	1 30	2 52	1 50	12 27	0 2	3 8	1 10	8 52	2 5	7 57	0 28	23 37	0 6	11 46	6 15	20 42	20 32	21 9		n.a.
F 15	16 30	19 57	0s28	8 59	1 23	3 22	1 49	12 43	0 1	3 13	1 10	8 55	2 5	7 58	0 28	23 37	0 6	11 46	6 15	20 42	20 32	21 10		n.a.
S 16	16 48	17 13	1 40	9 36	1 16	3 52	1 48	12 59	0 1	3 18	1 10	8 57	2 5	7 59	0 28	23 36	0 6	11 47	6 15	20 42	20 33	21 11		n.a.
S 17	17 6	13 37	2 44	10 14	1 8	4 21	1 47	13 15	0 0	3 22	1 10	9 0	2 5	8 1	0 28	23 36	0 6	11 48	6 15	20 42	20 34	21 12		n.a.
M18	17 23	9 23	3 39	10 51	1 1	4 51	1 47	13 30	0s 1	3 27	1 10	9 2	2 5	8 2	0 28	23 36	0 6	11 48	6 15	20 42	20 34	21 13		n.a.
T 19	17 40	4 47	4 20	11 29	0 54	5 21	1 46	13 46	0 1	3 32	1 10	9 5	2 5	8 3	0 28	23 36	0 6	11 49	6 15	20 44	20 35	21 13		n.a.
W20	17 57	0 4	4 48	12 6	0 47	5 51	1 44	14 2	0 2	3 36	1 10	9 7	2 5	8 5	0 28	23 36	0 6	11 50	6 15	20 45	20 36	21 14		n.a.
T 21	18 14	4n36	5 1	12 43	0 39	6 20	1 43	14 17	0 3	3 41	1 11	9 9	2 5	8 6	0 28	23 36	0 6	11 50	6 15	20 48	20 36	21 15		n.a.
F 22	18 30	9 1	4 59	13 19	0 32	6 50	1 42	14 33	0 3	3 46	1 11	9 12	2 5	8 7	0 29	23 36	0 6	11 51	6 15	20 50	20 37	21 16		n.a.
S 23	18 46	13 0	4 44	13 56	0 25	7 19	1 41	14 48	0 4	3 50	1 11	9 14	2 5	8 9	0 29	23 36	0 6	11 52	6 14	20 53	20 38	21 17		n.a.
S 24	19 2	16 24	4 15	14 32	0 18	7 48	1 40	15 3	0 5	3 55	1 11	9 16	2 5	8 10	0 29	23 36	0 6	11 52	6 14	20 55	20 38	21 17		n.a.
M25	19 17	19 5	3 36	15 7	0 11	8 17	1 38	15 18	0 5	3 59	1 11	9 19	2 5	8 11	0 29	23 36	0 6	11 53	6 14	20 57	20 39	21 18		n.a.
T 26	19 32	20 55	2 47	15 42	0 3	8 46	1 37	15 33	0 6	4 4	1 11	9 21	2 5	8 12	0 29	23 36	0 6	11 54	6 14	20 59	20 40	21 19		n.a.
W27	19 47	21 49	1 51	16 16	0s 4	9 15	1 35	15 48	0 7	4 8	1 11	9 23	2 5	8 13	0 29	23 36	0 6	11 54	6 14	21 0	20 40	21 20		n.a.
T 28	20 1	21 45	0 50	16 50	0 10	9 43	1 33	16 2	0 7	4 12	1 11	9 26	2 5	8 15	0 29	23 36	0 6	11 55	6 14	21 1	20 41	21 20		n.a.
F 29	20 14	20 43	0n13	17 24	0 17	10 11	1 32	16 17	0 8	4 17	1 11	9 28	2 5	8 16	0 29	23 36	0 6	11 56	6 14	21 1	20 42	21 21		n.a.
S 30	20s28	18n46	1n16	17s56	0s24	10s39	1n30	16s31	0s 9	4s21	1n11	9s30	2n 5	8s17	0n29	23s36	0n 6	11s56	6n14	21n 1	20n42	21n22		n.a.

Julian Day Number = 1370722.5, Delta T = 06h50m54s
Ecliptic obliquity = 23°48'31, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°19'54, Lahiri = -17°12'54 Julian Calendar 1 Nov. 961 BCE == Greg. Calendar 23 Oct. 961 BCE

The year -960 astronomical counting style corresponds to year 961 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 961 BCE
geocentric

DECEMBER 961 BCE (-960) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 2 54	1♐ 1'43	23♌47	19♏54	2♏25	15♏ 4	13♎46	29♎34	22♎ 7	5♑31	19♏46	27♋23	28♋48	0♋43	n.a.	S 1
M 2	4 6 50	2° 3'00	6♍10	21°26	3°39	15°49	13°57	29°40	22°10	5°33	19°48	27°R23	28°45	0°50	n.a.	M 2
T 3	4 10 47	3° 4'16	18°54	22°59	4°54	16°34	14° 8	29°47	22°14	5°35	19°50	27°21	28°42	0°56	n.a.	T 3
W 4	4 14 43	4° 5'32	2♎ 5	24°33	6° 9	17°20	14°19	29°53	22°17	5°37	19°52	27°18	28°39	1° 3	n.a.	W 4
T 5	4 18 40	5° 6'48	15°45	26° 7	7°23	18° 5	14°30	29°59	22°20	5°39	19°55	27°12	28°36	1°10	n.a.	T 5
F 6	4 22 37	6° 8'03	29°54	27°41	8°38	18°50	14°40	0♏ 5	22°23	5°41	19°57	27° 5	28°32	1°16	n.a.	F 6
S 7	4 26 33	7° 9'18	14♏31	29°16	9°53	19°36	14°51	0°11	22°25	5°43	19°59	26°56	28°29	1°23	n.a.	S 7
S 8	4 30 30	8°10'33	29°28	0♐51	11° 8	20°21	15° 1	0°17	22°28	5°46	20° 1	26°48	28°26	1°30	n.a.	S 8
M 9	4 34 26	9°11'47	14♐37	2°27	12°22	21° 7	15°11	0°23	22°31	5°48	20° 3	26°41	28°23	1°36	n.a.	M 9
T 10	4 38 23	10°13'01	29°48	4° 3	13°37	21°52	15°22	0°29	22°34	5°50	20° 5	26°37	28°20	1°43	n.a.	T 10
W11	4 42 19	11°14'14	14♑51	5°40	14°52	22°38	15°32	0°35	22°37	5°52	20° 7	26°34	28°17	1°50	n.a.	W11
T 12	4 46 16	12°15'26	29°37	7°17	16° 7	23°23	15°42	0°41	22°40	5°54	20° 9	26°D33	28°13	1°56	n.a.	T 12
F 13	4 50 13	13°16'37	14♒ 2	8°55	17°21	24° 9	15°52	0°47	22°42	5°56	20°12	26°34	28°10	2° 3	n.a.	F 13
S 14	4 54 9	14°17'46	28° 4	10°34	18°36	24°55	16° 2	0°53	22°45	5°58	20°14	26°36	28° 7	2°10	n.a.	S 14
S 15	4 58 6	15°18'55	11♓41	12°13	19°51	25°40	16°11	0°58	22°48	6° 0	20°16	26°R37	28° 4	2°16	n.a.	S 15
M16	5 2 2	16°20'02	24°57	13°52	21° 6	26°26	16°21	1° 4	22°50	6° 3	20°18	26°36	28° 1	2°23	n.a.	M16
T 17	5 5 59	17°21'08	7♈53	15°32	22°20	27°12	16°30	1°10	22°53	6° 5	20°20	26°34	27°57	2°29	n.a.	T 17
W18	5 9 55	18°22'13	20°32	17°13	23°35	27°58	16°40	1°15	22°55	6° 7	20°22	26°30	27°54	2°36	n.a.	W18
T 19	5 13 52	19°23'16	2♉58	18°54	24°50	28°43	16°49	1°21	22°58	6° 9	20°24	26°25	27°51	2°43	n.a.	T 19
F 20	5 17 48	20°24'18	15°13	20°36	26° 5	29°29	16°58	1°26	23° 0	6°11	20°26	26°18	27°48	2°49	n.a.	F 20
S 21	5 21 45	21°25'19	27°19	22°19	27°19	0♐15	17° 7	1°31	23° 3	6°14	20°28	26°11	27°45	2°56	n.a.	S 21
S 22	5 25 42	22°26'19	9♊18	24° 2	28°34	1° 1	17°16	1°37	23° 5	6°16	20°30	26° 5	27°42	3° 3	n.a.	S 22
M23	5 29 38	23°27'18	21°11	25°45	29°49	1°47	17°25	1°42	23° 7	6°18	20°32	26° 0	27°38	3° 9	n.a.	M23
T 24	5 33 35	24°28'16	3♋ 1	27°30	1♐ 3	2°33	17°34	1°47	23° 9	6°20	20°33	25°56	27°35	3°16	n.a.	T 24
W25	5 37 31	25°29'12	14°49	29°15	2°18	3°19	17°42	1°52	23°12	6°22	20°35	25°53	27°32	3°23	n.a.	W25
T 26	5 41 28	26°30'07	26°37	1♑ 0	3°33	4° 5	17°51	1°57	23°14	6°25	20°37	25°D53	27°29	3°29	n.a.	T 26
F 27	5 45 24	27°31'01	8♌29	2°46	4°48	4°51	17°59	2° 2	23°16	6°27	20°39	25°53	27°26	3°36	n.a.	F 27
S 28	5 49 21	28°31'54	20°27	4°33	6° 2	5°37	18° 7	2° 7	23°18	6°29	20°41	25°55	27°23	3°43	n.a.	S 28
S 29	5 53 17	29°32'46	2♍35	6°20	7°17	6°23	18°15	2°12	23°20	6°31	20°43	25°57	27°19	3°49	n.a.	S 29
M30	5 57 14	0♑33'36	14°58	8° 7	8°32	7° 9	18°23	2°16	23°22	6°34	20°45	25°58	27°16	3°56	n.a.	M30
T 31	6 1 11	1♑34'26	27♍39	9♑55	9♐47	7♐55	18♎31	2♏21	23♎24	6♑36	20♏46	25°R59	27♋13	4♋ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s41	15n57	2n17	18s28	0s30	11s 7	1n28	16s45	0s 9	4s25	1n11	9s32	2n 6	8s18	0n29	23s36	0n 6	11s57	6n14	21n 0	20n43	21n23		n.a.
M 2	20 53	12 22	3 13	18 59	0 37	11 34	1 27	16 59	0 10	4 29	1 11	9 34	2 6	8 19	0 29	23 36	0 6	11 58	6 14	21 0	20 44	21 23		n.a.
T 3	21 6	8 9	4 1	19 30	0 43	12 2	1 25	17 13	0 11	4 34	1 12	9 37	2 6	8 21	0 29	23 35	0 6	11 58	6 14	21 1	20 44	21 24		n.a.
W 4	21 17	3 24	4 38	19 59	0 49	12 29	1 23	17 27	0 11	4 38	1 12	9 39	2 6	8 22	0 29	23 35	0 6	11 59	6 14	21 1	20 45	21 25		n.a.
T 5	21 29	1s40	5 1	20 28	0 55	12 55	1 21	17 40	0 12	4 42	1 12	9 41	2 6	8 23	0 29	23 35	0 6	11 59	6 14	21 2	20 46	21 26		n.a.
F 6	21 40	6 50	5 7	20 56	1 1	13 21	1 19	17 54	0 13	4 46	1 12	9 43	2 6	8 24	0 29	23 35	0 6	12 0	6 14	21 4	20 46	21 26		n.a.
S 7	21 50	11 47	4 53	21 23	1 6	13 47	1 17	18 7	0 13	4 50	1 12	9 45	2 6	8 25	0 29	23 35	0 6	12 1	6 14	21 6	20 47	21 27		n.a.
S 8	22 1	16 8	4 19	21 49	1 12	14 13	1 15	18 20	0 14	4 54	1 12	9 47	2 6	8 26	0 29	23 35	0 6	12 1	6 14	21 7	20 48	21 28		n.a.
M 9	22 10	19 29	3 27	22 14	1 17	14 38	1 12	18 33	0 15	4 58	1 12	9 49	2 6	8 27	0 29	23 35	0 6	12 2	6 14	21 8	20 48	21 29		n.a.
T 10	22 19	21 29	2 20	22 37	1 22	15 3	1 10	18 46	0 16	5 2	1 12	9 51	2 6	8 28	0 29	23 35	0 6	12 2	6 14	21 9	20 49	21 29		n.a.
W11	22 28	21 55	1 3	23 0	1 26	15 28	1 8	18 58	0 16	5 6	1 12	9 53	2 6	8 29	0 29	23 35	0 6	12 3	6 13	21 10	20 49	21 30		n.a.
T 12	22 37	20 49	0s17	23 21	1 31	15 52	1 6	19 11	0 17	5 9	1 13	9 55	2 6	8 30	0 29	23 35	0 6	12 4	6 13	21 10	20 50	21 31		n.a.
F 13	22 45	18 21	1 33	23 42	1 35	16 16	1 3	19 23	0 18	5 13	1 13	9 57	2 6	8 31	0 29	23 35	0 6	12 4	6 13	21 10	20 51	21 31		n.a.
S 14	22 52	14 52	2 43	24 1	1 39	16 39	1 1	19 35	0 18	5 17	1 13	9 59	2 7	8 32	0 29	23 35	0 6	12 5	6 13	21 10	20 51	21 32		n.a.
S 15	22 59	10 40	3 40	24 18	1 43	17 2	0 59	19 47	0 19	5 21	1 13	10 1	2 7	8 33	0 29	23 35	0 6	12 5	6 13	21 9	20 52	21 33		n.a.
M16	23 6	6 5	4 25	24 34	1 46	17 24	0 56	19 58	0 20	5 24	1 13	10 3	2 7	8 34	0 29	23 34	0 6	12 6	6 13	21 9	20 53	21 33		n.a.
T 17	23 12	1 20	4 55	24 49	1 49	17 46	0 54	20 10	0 20	5 28	1 13	10 5	2 7	8 35	0 29	23 34	0 6	12 6	6 13	21 10	20 53	21 34		n.a.
W18	23 17	3n23	5 9	25 3	1 52	18 8	0 51	20 21	0 21	5 31	1 13	10 6	2 7	8 36	0 29	23 34	0 6	12 7	6 13	21 11	20 54	21 35		n.a.
T 19	23 23	7 52	5 9	25 14	1 55	18 29	0 49	20 32	0 22	5 35	1 13	10 8	2 7	8 37	0 29	23 34	0 6	12 7	6 13	21 12	20 55	21 35		n.a.
F 20	23 27	11 58	4 54	25 24	1 57	18 49	0 46	20 43	0 22	5 38	1 14	10 10	2 7	8 38	0 29	23 34	0 6	12 8	6 13	21 13	20 55	21 36		n.a.
S 21	23 32	15 32	4 27	25 33	1 58	19 9	0 44	20 54	0 23	5 42	1 14	10 12	2 7	8 39	0 29	23 34	0 6	12 8	6 13	21 14	20 56	21 37		n.a.
S 22	23 35	18 26	3 47	25 40	2 0	19 29	0 41	21 4	0 24	5 45	1 14	10 14	2 7	8 40	0 29	23 34	0 6	12 9	6 13	21 15	20 57	21 37		n.a.
M23	23 39	20 32	2 59	25 45	2 1	19 48	0 39	21 14	0 25	5 48	1 14	10 15	2 8	8 41	0 29	23 34	0 6	12 9	6 13	21 17	20 57	21 38		n.a.
T 24	23 41	21 44	2 2	25 48	2 1	20 6	0 36	21 24	0 25	5 51	1 14	10 17	2 8	8 41	0 29	23 34	0 6	12 10	6 13	21 17	20 58	21 39		n.a.
W25	23 44	21 58	1 0	25 49	2 1	20 24	0 34	21 34	0 26	5 55	1 14	10 19	2 8	8 42	0 29	23 34	0 6	12 10	6 13	21 18	20 58	21 39		n.a.
T 26	23 46	21 13	0n 4	25 49	2 0	20 41	0 31	21 44	0 27	5 58	1 14	10 20	2 8	8 43	0 29	23 34	0 6	12 11	6 13	21 18	20 59	21 40		n.a.
F 27	23 47	19 32	1 9	25 46	2 0	20 57	0 28	21 53	0 27	6 1	1 15	10 22	2 8	8 44	0 29	23 33	0 6	12 11	6 13	21 18	21 0	21 41		n.a.
S 28	23 48	16 58	2 11	25 42	1 58	21 13	0 26	22 2	0 28	6 4	1 15	10 23	2 8	8 45	0 29	23 33	0 5	12 12	6 13	21 17	21 0	21 41		n.a.
S 29	23 48	13 38	3 9	25 35	1 56	21 29	0 23	22 11	0 29	6 7	1 15	10 25	2 8	8 45	0 29	23 33	0 5	12 12	6 13	21 17	21 1	21 42		n.a.
M30	23 48	9 40	3 58	25 26	1 53	21 44	0 21	22 19	0 29	6 10	1 15	10 26	2 8	8 46	0 29	23 33	0 5	12 13	6 14	21 17	21 2	21 42		n.a.
T 31	23s48	5n11	4n38	25s16	1s50	21s58	0n18	22s28	0s30	6s13	1n15	10s28	2n 9	8s47	0n29	23s33	0n 5	12s13	6n14	21n17	21n 2	21n43		n.a.

Julian Day Number = 1370752.5, Delta T = 06h50m53s
Ecliptic obliquity = 23°48'31, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°19'50, Lahiri = -17°12'49 Julian Calendar 1 Dec. 961 BCE == Greg. Calendar 22 Nov. 961 BCE

The year -960 astronomical counting style corresponds to year 961 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 960 BCE
geocentric

JANUARY 960 BCE (-959) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 5 7	2♑35'14	10♎43	11♑42	11♐ 1	8♐42	18♎39	2♏26	23♎26	6♑38	20♏48	25°R59	27♋10	4♋ 9	n.a.	W 1
T 2	6 9 4	3°36'01	24°14	13°30	12°16	9°28	18°46	2°30	23°28	6°41	20°50	25♋58	27° 7	4°16	n.a.	T 2
F 3	6 13 0	4°36'47	8♏12	15°18	13°31	10°14	18°54	2°35	23°30	6°43	20°52	25°56	27° 3	4°23	n.a.	F 3
S 4	6 16 57	5°37'32	22°37	17° 5	14°45	11° 0	19° 1	2°39	23°31	6°45	20°53	25°53	27° 0	4°29	n.a.	S 4
S 5	6 20 53	6°38'15	7♐26	18°51	16° 0	11°47	19° 8	2°43	23°33	6°47	20°55	25°50	26°57	4°36	n.a.	S 5
M 6	6 24 50	7°38'57	22°32	20°37	17°15	12°33	19°15	2°48	23°35	6°50	20°57	25°48	26°54	4°43	n.a.	M 6
T 7	6 28 46	8°39'38	7♑46	22°21	18°29	13°19	19°22	2°52	23°36	6°52	20°58	25°46	26°51	4°49	n.a.	T 7
W 8	6 32 43	9°40'16	22°59	24° 4	19°44	14° 6	19°28	2°56	23°38	6°54	21° 0	25°D46	26°48	4°56	n.a.	W 8
T 9	6 36 40	10°40'54	8♒ 0	25°45	20°59	14°52	19°35	3° 0	23°39	6°56	21° 2	25°46	26°44	5° 3	n.a.	T 9
F 10	6 40 36	11°41'29	22°42	27°23	22°13	15°38	19°41	3° 4	23°41	6°59	21° 3	25°47	26°41	5° 9	n.a.	F 10
S 11	6 44 33	12°42'02	6♓59	28°58	23°28	16°25	19°47	3° 8	23°42	7° 1	21° 5	25°48	26°38	5°16	n.a.	S 11
S 12	6 48 29	13°42'33	20°50	0♒29	24°43	17°11	19°53	3°11	23°44	7° 3	21° 6	25°49	26°35	5°23	n.a.	S 12
M13	6 52 26	14°43'02	4♈14	1°57	25°57	17°58	19°59	3°15	23°45	7° 6	21° 8	25°50	26°32	5°29	n.a.	M13
T 14	6 56 22	15°43'29	17°13	3°19	27°12	18°44	20° 5	3°19	23°46	7° 8	21° 9	25°R50	26°29	5°36	n.a.	T 14
W15	7 0 19	16°43'54	29°52	4°36	28°27	19°30	20°11	3°22	23°47	7°10	21°11	25°49	26°25	5°43	n.a.	W15
T 16	7 4 15	17°44'17	12♉13	5°47	29°41	20°17	20°16	3°26	23°48	7°12	21°12	25°49	26°22	5°49	n.a.	T 16
F 17	7 8 12	18°44'38	24°20	6°51	0♑56	21° 3	20°21	3°29	23°50	7°15	21°13	25°48	26°19	5°56	n.a.	F 17
S 18	7 12 9	19°44'57	6♊18	7°47	2°10	21°50	20°26	3°32	23°51	7°17	21°15	25°47	26°16	6° 3	n.a.	S 18
S 19	7 16 5	20°45'14	18°10	8°36	3°25	22°36	20°31	3°35	23°52	7°19	21°16	25°46	26°13	6° 9	n.a.	S 19
M20	7 20 2	21°45'28	29°58	9°16	4°40	23°23	20°36	3°38	23°53	7°21	21°17	25°46	26° 9	6°16	n.a.	M20
T 21	7 23 58	22°45'41	11♋46	9°47	5°54	24°10	20°41	3°41	23°53	7°23	21°19	25°45	26° 6	6°23	n.a.	T 21
W22	7 27 55	23°45'52	23°36	10° 8	7° 9	24°56	20°45	3°44	23°54	7°26	21°20	25°D45	26° 3	6°29	n.a.	W22
T 23	7 31 51	24°46'00	5♌30	10°20	8°23	25°43	20°49	3°47	23°55	7°28	21°21	25°45	26° 0	6°36	n.a.	T 23
F 24	7 35 48	25°46'07	17°29	10°R23	9°38	26°29	20°53	3°50	23°56	7°30	21°22	25°R45	25°57	6°42	n.a.	F 24
S 25	7 39 44	26°46'12	29°37	10°16	10°52	27°16	20°57	3°52	23°56	7°32	21°24	25°45	25°54	6°49	n.a.	S 25
S 26	7 43 41	27°46'15	11♍56	10° 0	12° 7	28° 2	21° 1	3°55	23°57	7°34	21°25	25°45	25°50	6°56	n.a.	S 26
M27	7 47 38	28°46'16	24°27	9°34	13°21	28°49	21° 5	3°57	23°58	7°37	21°26	25°45	25°47	7° 2	n.a.	M27
T 28	7 51 34	29°46'15	7♎13	9° 1	14°36	29°36	21° 8	4° 0	23°58	7°39	21°27	25°44	25°44	7° 9	n.a.	T 28
W29	7 55 31	0♒46'12	20°17	8°21	15°50	0♑22	21°11	4° 2	23°58	7°41	21°28	25°44	25°41	7°16	n.a.	W29
T 30	7 59 27	1°46'08	3♏42	7°34	17° 5	1° 9	21°14	4° 4	23°59	7°43	21°29	25°D44	25°38	7°22	n.a.	T 30
F 31	8 3 24	2♒46'02	17♏29	6♒43	18♑19	1♑56	21♎17	4♏ 6	23♎59	7♑45	21♏30	25♋44	25♋35	7♋29	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23s47	0n21	5n 5	25s 3	1s46	22s11	0n15	22s36	0s31	6s15	1n15	10s29	2n 9	8s47	0n29	23s33	0n 5	12s14	6n14	21n17	21n 3	21n44			n.a.
T 2	23 45	4s39	5 15	24 48	1 42	22 24	0 13	22 44	0 31	6 18	1 15	10 31	2 9	8 48	0 29	23 33	0 5	12 14	6 14	21 17	21 4	21 44			n.a.
F 3	23 44	9 36	5 8	24 31	1 36	22 36	0 10	22 51	0 32	6 21	1 16	10 32	2 9	8 49	0 29	23 33	0 5	12 14	6 14	21 17	21 4	21 45			n.a.
S 4	23 41	14 10	4 42	24 12	1 30	22 48	0 7	22 59	0 33	6 23	1 16	10 34	2 9	8 49	0 29	23 33	0 5	12 15	6 14	21 18	21 5	21 45			n.a.
S 5	23 38	18 0	3 57	23 50	1 24	22 59	0 5	23 6	0 34	6 26	1 16	10 35	2 9	8 50	0 29	23 32	0 5	12 15	6 14	21 18	21 5	21 46			n.a.
M 6	23 35	20 42	2 54	23 27	1 16	23 9	0 2	23 13	0 34	6 29	1 16	10 36	2 9	8 51	0 29	23 32	0 5	12 16	6 14	21 19	21 6	21 47			n.a.
T 7	23 31	21 57	1 38	23 2	1 8	23 18	0s 0	23 20	0 35	6 31	1 16	10 38	2 10	8 51	0 29	23 32	0 5	12 16	6 14	21 19	21 7	21 47			n.a.
W 8	23 27	21 34	0 15	22 36	0 59	23 27	0 3	23 26	0 36	6 33	1 16	10 39	2 10	8 52	0 29	23 32	0 5	12 16	6 14	21 19	21 7	21 48			n.a.
T 9	23 22	19 38	1s 7	22 8	0 49	23 35	0 6	23 32	0 36	6 36	1 17	10 40	2 10	8 52	0 29	23 32	0 5	12 17	6 14	21 19	21 8	21 48			n.a.
F 10	23 17	16 25	2 24	21 38	0 39	23 43	0 8	23 38	0 37	6 38	1 17	10 41	2 10	8 53	0 29	23 32	0 5	12 17	6 14	21 19	21 9	21 49			n.a.
S 11	23 11	12 19	3 29	21 7	0 27	23 49	0 11	23 44	0 38	6 40	1 17	10 42	2 10	8 53	0 29	23 32	0 5	12 17	6 14	21 19	21 9	21 49			n.a.
S 12	23 5	7 40	4 20	20 36	0 15	23 55	0 13	23 49	0 38	6 42	1 17	10 44	2 10	8 54	0 29	23 32	0 5	12 18	6 14	21 19	21 10	21 50			n.a.
M13	22 59	2 48	4 55	20 4	0 2	24 0	0 16	23 54	0 39	6 45	1 17	10 45	2 11	8 54	0 29	23 32	0 5	12 18	6 14	21 18	21 10	21 51			n.a.
T 14	22 52	2n 2	5 14	19 31	0n12	24 5	0 18	23 59	0 40	6 47	1 17	10 46	2 11	8 55	0 29	23 32	0 5	12 18	6 14	21 18	21 11	21 51			n.a.
W15	22 45	6 40	5 17	18 59	0 26	24 8	0 20	24 3	0 40	6 49	1 18	10 47	2 11	8 55	0 29	23 31	0 5	12 19	6 14	21 18	21 12	21 52			n.a.
T 16	22 37	10 54	5 5	18 27	0 41	24 11	0 23	24 8	0 41	6 50	1 18	10 48	2 11	8 56	0 29	23 31	0 5	12 19	6 14	21 19	21 12	21 52			n.a.
F 17	22 28	14 38	4 39	17 56	0 56	24 14	0 25	24 12	0 42	6 52	1 18	10 49	2 11	8 56	0 29	23 31	0 5	12 19	6 14	21 19	21 13	21 53			n.a.
S 18	22 20	17 43	4 2	17 27	1 12	24 15	0 28	24 15	0 42	6 54	1 18	10 50	2 11	8 56	0 29	23 31	0 5	12 20	6 14	21 19	21 13	21 53			n.a.
S 19	22 11	20 3	3 14	16 59	1 28	24 16	0 30	24 19	0 43	6 56	1 18	10 51	2 12	8 57	0 29	23 31	0 5	12 20	6 15	21 19	21 14	21 54			n.a.
M20	22 1	21 30	2 19	16 33	1 44	24 16	0 32	24 22	0 44	6 57	1 18	10 52	2 12	8 57	0 29	23 31	0 5	12 20	6 15	21 19	21 15	21 54			n.a.
T 21	21 51	22 0	1 17	16 9	2 0	24 15	0 35	24 25	0 44	6 59	1 19	10 52	2 12	8 57	0 29	23 31	0 5	12 20	6 15	21 19	21 15	21 55			n.a.
W22	21 41	21 31	0 12	15 48	2 15	24 13	0 37	24 28	0 45	7 1	1 19	10 53	2 12	8 58	0 29	23 31	0 5	12 21	6 15	21 19	21 16	21 55			n.a.
T 23	21 30	20 4	0n54	15 30	2 31	24 11	0 39	24 30	0 46	7 2	1 19	10 54	2 12	8 58	0 29	23 31	0 5	12 21	6 15	21 19	21 16	21 56			n.a.
F 24	21 19	17 42	1 58	15 16	2 45	24 8	0 41	24 32	0 46	7 3	1 19	10 55	2 12	8 58	0 29	23 30	0 5	12 21	6 15	21 19	21 17	21 56			n.a.
S 25	21 8	14 33	2 58	15 4	2 59	24 4	0 43	24 34	0 47	7 5	1 19	10 56	2 13	8 58	0 29	23 30	0 5	12 21	6 15	21 19	21 18	21 57			n.a.
S 26	20 56	10 43	3 50	14 57	3 11	24 0	0 45	24 35	0 48	7 6	1 20	10 56	2 13	8 59	0 29	23 30	0 5	12 22	6 15	21 19	21 18	21 57			n.a.
M27	20 43	6 23	4 32	14 53	3 23	23 55	0 47	24 36	0 48	7 7	1 20	10 57	2 13	8 59	0 29	23 30	0 5	12 22	6 15	21 19	21 19	21 58			n.a.
T 28	20 31	1 42	5 1	14 52	3 32	23 49	0 49	24 37	0 49	7 8	1 20	10 58	2 13	8 59	0 29	23 30	0 5	12 22	6 15	21 19	21 19	21 58			n.a.
W29	20 18	3s10	5 16	14 55	3 40	23 42	0 51	24 38	0 50	7 9	1 20	10 58	2 13	8 59	0 29	23 30	0 5	12 22	6 15	21 19	21 20	21 59			n.a.
T 30	20 4	8 1	5 15	15 1	3 46	23 35	0 53	24 38	0 50	7 10	1 20	10 59	2 13	8 59	0 29	23 30	0 5	12 22	6 15	21 19	21 21	21 59			n.a.
F 31	19s51	12s35	4n55	15s10	3n51	23s27	0s55	24s38	0s51	7s11	1n20	10s59	2n14	8s59	0n30	23s30	0n 5	12s22	6n16	21n19	21n21	22n 0			n.a.

Julian Day Number = 1370783.5, Delta T = 06h50m51s
Ecliptic obliquity = 23°48'31, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°19'46, Lahiri = -17°12'45 Julian Calendar 1 Jan. 960 BCE == Greg. Calendar 23 Dec. 961 BCE

The year -959 astronomical counting style corresponds to year 960 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 960 BCE
geocentric

FEBRUARY 960 BCE (-959) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 7 20	3♒45'54	1♐38	5°R47	19♑34	2♑42	21♎20	4♏ 8	23♎59	7♑47	21♏31	25♋45	25♋31	7♋36	n.a.	S 1
S 2	8 11 17	4°45'44	16° 8	4♒49	20°48	3°29	21°22	4°10	24° 0	7°49	21°32	25°45	25°28	7°42	n.a.	S 2
M 3	8 15 13	5°45'33	0♑55	3°50	22° 2	4°15	21°25	4°12	24° 0	7°51	21°33	25°46	25°25	7°49	n.a.	M 3
T 4	8 19 10	6°45'20	15°54	2°52	23°17	5° 2	21°27	4°13	24° 0	7°53	21°34	25°47	25°22	7°56	n.a.	T 4
W 5	8 23 7	7°45'04	0♒58	1°54	24°31	5°49	21°29	4°15	24° 0	7°56	21°35	25°R47	25°19	8° 2	n.a.	W 5
T 6	8 27 3	8°44'47	15°56	1° 0	25°46	6°35	21°31	4°16	24°R 0	7°58	21°35	25°46	25°15	8° 9	n.a.	T 6
F 7	8 31 0	9°44'27	0♓41	0° 9	27° 0	7°22	21°32	4°18	24° 0	8° 0	21°36	25°45	25°12	8°16	n.a.	F 7
S 8	8 34 56	10°44'05	15° 6	29♑22	28°15	8° 9	21°33	4°19	24° 0	8° 2	21°37	25°43	25° 9	8°22	n.a.	S 8
S 9	8 38 53	11°43'40	29° 7	28°40	29°29	8°55	21°35	4°20	24° 0	8° 4	21°38	25°41	25° 6	8°29	n.a.	S 9
M10	8 42 49	12°43'14	12♈40	28° 4	0♒43	9°42	21°36	4°21	24° 0	8° 6	21°38	25°39	25° 3	8°36	n.a.	M10
T 11	8 46 46	13°42'44	25°48	27°34	1°58	10°29	21°36	4°22	23°59	8° 7	21°39	25°37	25° 0	8°42	n.a.	T 11
W12	8 50 42	14°42'13	8♉31	27°10	3°12	11°15	21°37	4°23	23°59	8° 9	21°40	25°37	24°56	8°49	n.a.	W12
T 13	8 54 39	15°41'38	20°53	26°52	4°26	12° 2	21°38	4°24	23°59	8°11	21°40	25°D37	24°53	8°56	n.a.	T 13
F 14	8 58 35	16°41'02	3♊ 0	26°40	5°41	12°49	21°38	4°25	23°58	8°13	21°41	25°37	24°50	9° 2	n.a.	F 14
S 15	9 2 32	17°40'23	14°56	26°34	6°55	13°35	21°R38	4°25	23°58	8°15	21°41	25°39	24°47	9° 9	n.a.	S 15
S 16	9 6 29	18°39'42	26°45	26°D34	8° 9	14°22	21°38	4°26	23°57	8°17	21°42	25°41	24°44	9°15	n.a.	S 16
M17	9 10 25	19°38'58	8♋32	26°40	9°23	15° 9	21°37	4°26	23°57	8°19	21°42	25°42	24°41	9°22	n.a.	M17
T 18	9 14 22	20°38'12	20°21	26°51	10°38	15°55	21°37	4°27	23°56	8°21	21°43	25°R43	24°37	9°29	n.a.	T 18
W19	9 18 18	21°37'23	2♌15	27° 7	11°52	16°42	21°36	4°27	23°55	8°22	21°43	25°43	24°34	9°35	n.a.	W19
T 20	9 22 15	22°36'33	14°16	27°28	13° 6	17°28	21°35	4°27	23°55	8°24	21°44	25°42	24°31	9°42	n.a.	T 20
F 21	9 26 11	23°35'40	26°28	27°55	14°20	18°15	21°34	4°R27	23°54	8°26	21°44	25°39	24°28	9°49	n.a.	F 21
S 22	9 30 8	24°34'45	8♍51	28°25	15°35	19° 2	21°33	4°27	23°53	8°28	21°44	25°35	24°25	9°55	n.a.	S 22
S 23	9 34 4	25°33'47	21°26	29° 0	16°49	19°48	21°32	4°27	23°52	8°29	21°45	25°30	24°21	10° 2	n.a.	S 23
M24	9 38 1	26°32'48	4♎14	29°39	18° 3	20°35	21°30	4°26	23°51	8°31	21°45	25°25	24°18	10° 9	n.a.	M24
T 25	9 41 58	27°31'46	17°16	0♒22	19°17	21°21	21°28	4°26	23°50	8°33	21°45	25°20	24°15	10°15	n.a.	T 25
W26	9 45 54	28°30'43	0♏31	1° 8	20°32	22° 8	21°26	4°25	23°49	8°34	21°45	25°16	24°12	10°22	n.a.	W26
T 27	9 49 51	29°29'38	14° 0	1°58	21°46	22°54	21°24	4°25	23°48	8°36	21°45	25°14	24° 9	10°29	n.a.	T 27
F 28	9 53 47	0♓28'31	27♏45	2♒50	23♒ 0	23♑41	21♎22	4♏24	23♎47	8♑37	21♏45	25°D12	24♋ 6	10♋35	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s36	16s36	4n18	15s21	3n53	23s18	0s57	24s38	0s51	7s12	1n21	11s 0	2n14	8s59	0n30	23s29	0n 5	12s23	6n16	21n19	21n22	22n 0		n.a.
S 2	19 22	19 43	3 23	15 35	3 53	23 8	0 59	24 38	0 52	7 13	1 21	11 0	2 14	9 0	0 30	23 29	0 5	12 23	6 16	21 19	21 22	22 1		n.a.
M 3	19 7	21 35	2 14	15 51	3 51	22 58	1 0	24 37	0 53	7 13	1 21	11 1	2 14	9 0	0 30	23 29	0 5	12 23	6 16	21 19	21 23	22 1		n.a.
T 4	18 52	21 56	0 55	16 9	3 47	22 47	1 2	24 36	0 53	7 14	1 21	11 1	2 14	9 0	0 30	23 29	0 5	12 23	6 16	21 19	21 24	22 1		n.a.
W 5	18 37	20 43	0s29	16 27	3 41	22 36	1 4	24 35	0 54	7 15	1 21	11 1	2 15	9 0	0 30	23 29	0 5	12 23	6 16	21 19	21 24	22 2		n.a.
T 6	18 21	18 3	1 50	16 47	3 33	22 23	1 5	24 33	0 55	7 15	1 22	11 2	2 15	9 0	0 30	23 29	0 5	12 23	6 16	21 19	21 25	22 2		n.a.
F 7	18 5	14 13	3 2	17 6	3 24	22 10	1 7	24 31	0 55	7 16	1 22	11 2	2 15	9 0	0 30	23 29	0 5	12 23	6 16	21 19	21 25	22 3		n.a.
S 8	17 49	9 38	4 1	17 26	3 14	21 57	1 8	24 29	0 56	7 16	1 22	11 2	2 15	8 59	0 30	23 29	0 5	12 24	6 16	21 20	21 26	22 3		n.a.
S 9	17 32	4 41	4 43	17 46	3 2	21 42	1 10	24 26	0 56	7 16	1 22	11 3	2 15	8 59	0 30	23 29	0 5	12 24	6 16	21 20	21 27	22 4		n.a.
M10	17 15	0n21	5 8	18 6	2 50	21 28	1 11	24 24	0 57	7 16	1 22	11 3	2 15	8 59	0 30	23 28	0 5	12 24	6 16	21 20	21 27	22 4		n.a.
T 11	16 58	5 13	5 16	18 24	2 37	21 12	1 12	24 21	0 58	7 17	1 22	11 3	2 16	8 59	0 30	23 28	0 5	12 24	6 17	21 21	21 28	22 4		n.a.
W12	16 40	9 42	5 8	18 43	2 23	20 56	1 14	24 17	0 58	7 17	1 23	11 3	2 16	8 59	0 30	23 28	0 5	12 24	6 17	21 21	21 28	22 5		n.a.
T 13	16 23	13 39	4 46	19 0	2 9	20 39	1 15	24 14	0 59	7 17	1 23	11 3	2 16	8 59	0 30	23 28	0 5	12 24	6 17	21 21	21 29	22 5		n.a.
F 14	16 5	16 58	4 12	19 16	1 55	20 22	1 16	24 10	0 59	7 17	1 23	11 3	2 16	8 59	0 30	23 28	0 5	12 24	6 17	21 21	21 29	22 6		n.a.
S 15	15 46	19 31	3 27	19 31	1 41	20 4	1 17	24 6	1 0	7 16	1 23	11 3	2 16	8 59	0 30	23 28	0 5	12 24	6 17	21 20	21 30	22 6		n.a.
S 16	15 28	21 13	2 33	19 45	1 26	19 46	1 18	24 1	1 0	7 16	1 23	11 3	2 17	8 58	0 30	23 28	0 5	12 24	6 17	21 20	21 31	22 6		n.a.
M17	15 9	21 59	1 33	19 58	1 12	19 27	1 19	23 57	1 1	7 16	1 24	11 3	2 17	8 58	0 30	23 28	0 5	12 24	6 17	21 20	21 31	22 7		n.a.
T 18	14 50	21 45	0 30	20 10	0 58	19 7	1 20	23 52	1 2	7 16	1 24	11 3	2 17	8 58	0 30	23 28	0 5	12 24	6 17	21 20	21 32	22 7		n.a.
W19	14 31	20 33	0n36	20 20	0 45	18 47	1 21	23 46	1 2	7 15	1 24	11 3	2 17	8 58	0 30	23 28	0 5	12 24	6 17	21 20	21 32	22 8		n.a.
T 20	14 11	18 24	1 40	20 29	0 31	18 26	1 21	23 41	1 3	7 15	1 24	11 3	2 17	8 57	0 30	23 27	0 5	12 24	6 18	21 20	21 33	22 8		n.a.
F 21	13 52	15 24	2 41	20 36	0 18	18 5	1 22	23 35	1 3	7 14	1 24	11 3	2 17	8 57	0 30	23 27	0 5	12 24	6 18	21 20	21 33	22 8		n.a.
S 22	13 32	11 41	3 35	20 42	0 6	17 44	1 23	23 29	1 4	7 14	1 24	11 3	2 18	8 57	0 30	23 27	0 5	12 24	6 18	21 21	21 34	22 9		n.a.
S 23	13 12	7 24	4 19	20 47	0s 6	17 21	1 23	23 23	1 4	7 13	1 25	11 2	2 18	8 56	0 30	23 27	0 5	12 24	6 18	21 22	21 35	22 9		n.a.
M24	12 51	2 44	4 51	20 50	0 18	16 59	1 24	23 16	1 5	7 12	1 25	11 2	2 18	8 56	0 30	23 27	0 5	12 24	6 18	21 23	21 35	22 9		n.a.
T 25	12 31	2s 8	5 9	20 52	0 29	16 36	1 24	23 10	1 5	7 11	1 25	11 2	2 18	8 56	0 30	23 27	0 5	12 24	6 18	21 24	21 36	22 10		n.a.
W26	12 10	6 59	5 11	20 52	0 40	16 12	1 25	23 3	1 6	7 10	1 25	11 1	2 18	8 55	0 30	23 27	0 5	12 24	6 18	21 25	21 36	22 10		n.a.
T 27	11 49	11 35	4 56	20 51	0 50	15 48	1 25	22 55	1 6	7 9	1 25	11 1	2 19	8 55	0 30	23 27	0 5	12 24	6 18	21 25	21 37	22 10		n.a.
F 28	11s28	15s41	4n24	20s48	1s 0	15s24	1s25	22s48	1s 7	7s 8	1n25	11s 1	2n19	8s54	0n30	23s27	0n 5	12s24	6n18	21n25	21n37	22n11		n.a.

Julian Day Number = 1370814.5, Delta T = 06h50m50s
Ecliptic obliquity = 23°48'31, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°19'42, Lahiri = -17°12'41 Julian Calendar 1 Feb. 960 BCE == Greg. Calendar 23 Jan. 960 BCE

The year -959 astronomical counting style corresponds to year 960 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 960 BCE
geocentric

MARCH 960 BCE (-959) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 57 44	1♓27'22	11♐43	3♒46	24♒14	24♑27	21°R19	4°R23	23°R46	8♑39	21♏46	25♋13	24♋ 2	10♋42	n.a.	S 1
S 2	10 1 40	2°26'12	25°57	4°45	25°28	25°14	21♎17	4♏22	23♎45	8°41	21°46	25°14	23°59	10°49	n.a.	S 2
M 3	10 5 37	3°24'59	10♑22	5°47	26°42	26° 0	21°14	4°22	23°44	8°42	21°R46	25°15	23°56	10°55	n.a.	M 3
T 4	10 9 33	4°23'45	24°58	6°51	27°56	26°47	21°11	4°20	23°42	8°44	21°46	25°R16	23°53	11° 2	n.a.	T 4
W 5	10 13 30	5°22'29	9♒38	7°58	29°11	27°33	21° 7	4°19	23°41	8°45	21°46	25°15	23°50	11° 9	n.a.	W 5
T 6	10 17 26	6°21'11	24°17	9° 7	0♓25	28°19	21° 4	4°18	23°40	8°46	21°45	25°13	23°46	11°15	n.a.	T 6
F 7	10 21 23	7°19'51	8♓49	10°19	1°39	29° 6	21° 1	4°17	23°38	8°48	21°45	25° 8	23°43	11°22	n.a.	F 7
S 8	10 25 20	8°18'28	23° 7	11°33	2°53	29°52	20°57	4°15	23°37	8°49	21°45	25° 2	23°40	11°28	n.a.	S 8
S 9	10 29 16	9°17'04	7♈ 5	12°49	4° 7	0♒39	20°53	4°14	23°35	8°51	21°45	24°54	23°37	11°35	n.a.	S 9
M10	10 33 13	10°15'37	20°40	14° 7	5°21	1°25	20°49	4°12	23°34	8°52	21°45	24°47	23°34	11°42	n.a.	M10
T 11	10 37 9	11°14'08	3♉50	15°27	6°35	2°11	20°44	4°10	23°32	8°53	21°45	24°41	23°31	11°48	n.a.	T 11
W12	10 41 6	12°12'37	16°37	16°49	7°49	2°57	20°40	4° 9	23°30	8°54	21°44	24°36	23°27	11°55	n.a.	W12
T 13	10 45 2	13°11'04	29° 2	18°13	9° 3	3°44	20°36	4° 7	23°29	8°56	21°44	24°33	23°24	12° 2	n.a.	T 13
F 14	10 48 59	14° 9'28	11♊10	19°38	10°17	4°30	20°31	4° 5	23°27	8°57	21°44	24°D31	23°21	12° 8	n.a.	F 14
S 15	10 52 55	15° 7'50	23° 7	21° 6	11°31	5°16	20°26	4° 3	23°25	8°58	21°43	24°32	23°18	12°15	n.a.	S 15
S 16	10 56 52	16° 6'10	4♋56	22°36	12°45	6° 2	20°21	4° 1	23°24	8°59	21°43	24°33	23°15	12°22	n.a.	S 16
M17	11 0 49	17° 4'28	16°44	24° 7	13°59	6°48	20°16	3°58	23°22	9° 0	21°43	24°34	23°12	12°28	n.a.	M17
T 18	11 4 45	18° 2'43	28°35	25°40	15°13	7°34	20°10	3°56	23°20	9° 1	21°42	24°R34	23° 8	12°35	n.a.	T 18
W19	11 8 42	19° 0'57	10♌34	27°15	16°27	8°20	20° 5	3°54	23°18	9° 3	21°42	24°33	23° 5	12°42	n.a.	W19
T 20	11 12 38	19°59'08	22°44	28°52	17°41	9° 6	19°59	3°51	23°16	9° 4	21°41	24°29	23° 2	12°48	n.a.	T 20
F 21	11 16 35	20°57'17	5♍ 8	0♓30	18°55	9°52	19°54	3°49	23°14	9° 5	21°41	24°23	22°59	12°55	n.a.	F 21
S 22	11 20 31	21°55'25	17°47	2°11	20° 9	10°38	19°48	3°46	23°12	9° 6	21°40	24°15	22°56	13° 2	n.a.	S 22
S 23	11 24 28	22°53'30	0♎43	3°53	21°23	11°24	19°42	3°43	23°10	9° 6	21°40	24° 5	22°52	13° 8	n.a.	S 23
M24	11 28 24	23°51'34	13°53	5°37	22°37	12°10	19°36	3°40	23° 8	9° 7	21°39	23°55	22°49	13°15	n.a.	M24
T 25	11 32 21	24°49'36	27°17	7°22	23°51	12°56	19°30	3°38	23° 6	9° 8	21°38	23°45	22°46	13°21	n.a.	T 25
W26	11 36 17	25°47'36	10♏53	9°10	25° 5	13°42	19°23	3°35	23° 4	9° 9	21°38	23°37	22°43	13°28	n.a.	W26
T 27	11 40 14	26°45'35	24°38	10°59	26°19	14°28	19°17	3°32	23° 2	9°10	21°37	23°31	22°40	13°35	n.a.	T 27
F 28	11 44 11	27°43'32	8♐32	12°50	27°32	15°14	19°10	3°29	23° 0	9°11	21°36	23°27	22°37	13°41	n.a.	F 28
S 29	11 48 7	28°41'28	22°32	14°43	28°46	15°59	19° 4	3°25	22°58	9°12	21°35	23°25	22°33	13°48	n.a.	S 29
S 30	11 52 4	29°39'23	6♑38	16°37	0♈ 0	16°45	18°57	3°22	22°55	9°12	21°35	23°D25	22°30	13°55	n.a.	S 30
M31	11 56 0	0♈37'16	20♑49	18♓33	1♈14	17♒31	18♎50	3♏19	22♎53	9♑13	21♏34	23°R26	22♋27	14♋ 1	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 7	18s59	3n35	20s44	1s10	14s59	1s25	22s40	1s 7	7s 7	1n26	11s 0	2n19	8s54	0n30	23s27	0n 5	12s24	6n18	21n25	21n38	22n11		n.a.
S 2	10 46	21 12	2 33	20 38	1 18	14 34	1 25	22 32	1 8	7 6	1 26	11 0	2 19	8 54	0 30	23 26	0 5	12 24	6 19	21 25	21 39	22 11		n.a.
M 3	10 24	22 4	1 20	20 31	1 27	14 8	1 26	22 24	1 8	7 5	1 26	10 59	2 19	8 53	0 30	23 26	0 5	12 23	6 19	21 25	21 39	22 12		n.a.
T 4	10 3	21 26	0 2	20 22	1 34	13 42	1 26	22 15	1 9	7 4	1 26	10 59	2 19	8 53	0 30	23 26	0 5	12 23	6 19	21 25	21 40	22 12		n.a.
W 5	9 41	19 21	1s17	20 11	1 42	13 16	1 25	22 6	1 9	7 2	1 26	10 58	2 20	8 52	0 30	23 26	0 5	12 23	6 19	21 25	21 40	22 12		n.a.
T 6	9 19	16 0	2 31	19 59	1 48	12 50	1 25	21 57	1 10	7 1	1 26	10 58	2 20	8 52	0 30	23 26	0 5	12 23	6 19	21 25	21 41	22 13		n.a.
F 7	8 57	11 41	3 34	19 46	1 54	12 23	1 25	21 48	1 10	6 59	1 26	10 57	2 20	8 51	0 30	23 26	0 5	12 23	6 19	21 26	21 41	22 13		n.a.
S 8	8 35	6 47	4 23	19 30	2 0	11 55	1 25	21 39	1 11	6 58	1 27	10 56	2 20	8 50	0 30	23 26	0 5	12 23	6 19	21 27	21 42	22 13		n.a.
S 9	8 13	1 38	4 54	19 13	2 5	11 28	1 25	21 29	1 11	6 56	1 27	10 56	2 20	8 50	0 30	23 26	0 5	12 23	6 19	21 29	21 42	22 13		n.a.
M10	7 50	3n26	5 8	18 55	2 10	11 0	1 24	21 19	1 12	6 55	1 27	10 55	2 20	8 49	0 30	23 26	0 5	12 23	6 19	21 30	21 43	22 14		n.a.
T 11	7 28	8 13	5 5	18 35	2 14	10 32	1 24	21 9	1 12	6 53	1 27	10 54	2 20	8 49	0 30	23 26	0 5	12 22	6 19	21 31	21 44	22 14		n.a.
W12	7 5	12 29	4 47	18 13	2 17	10 3	1 23	20 58	1 13	6 51	1 27	10 54	2 21	8 48	0 30	23 26	0 5	12 22	6 20	21 32	21 44	22 14		n.a.
T 13	6 42	16 6	4 15	17 50	2 20	9 34	1 23	20 48	1 13	6 49	1 27	10 53	2 21	8 47	0 30	23 26	0 5	12 22	6 20	21 33	21 45	22 15		n.a.
F 14	6 20	18 57	3 33	17 25	2 23	9 5	1 22	20 37	1 13	6 47	1 27	10 52	2 21	8 47	0 30	23 25	0 5	12 22	6 20	21 33	21 45	22 15		n.a.
S 15	5 57	20 56	2 42	16 58	2 25	8 36	1 21	20 26	1 14	6 45	1 27	10 51	2 21	8 46	0 30	23 25	0 5	12 22	6 20	21 33	21 46	22 15		n.a.
S 16	5 34	21 59	1 44	16 30	2 26	8 7	1 21	20 15	1 14	6 43	1 27	10 50	2 21	8 45	0 30	23 25	0 5	12 22	6 20	21 33	21 46	22 15		n.a.
M17	5 11	22 3	0 42	16 0	2 27	7 37	1 20	20 4	1 15	6 41	1 28	10 49	2 21	8 45	0 30	23 25	0 5	12 21	6 20	21 32	21 47	22 16		n.a.
T 18	4 48	21 7	0n22	15 28	2 27	7 7	1 19	19 52	1 15	6 39	1 28	10 48	2 21	8 44	0 30	23 25	0 5	12 21	6 20	21 32	21 47	22 16		n.a.
W19	4 25	19 13	1 25	14 55	2 27	6 37	1 18	19 40	1 15	6 37	1 28	10 48	2 22	8 43	0 30	23 25	0 5	12 21	6 20	21 33	21 48	22 16		n.a.
T 20	4 2	16 26	2 25	14 20	2 26	6 7	1 17	19 28	1 16	6 35	1 28	10 47	2 22	8 43	0 30	23 25	0 5	12 21	6 20	21 33	21 49	22 16		n.a.
F 21	3 38	12 52	3 20	13 43	2 25	5 37	1 16	19 16	1 16	6 33	1 28	10 46	2 22	8 42	0 30	23 25	0 5	12 21	6 20	21 34	21 49	22 16		n.a.
S 22	3 15	8 39	4 6	13 5	2 23	5 6	1 15	19 4	1 17	6 30	1 28	10 45	2 22	8 41	0 30	23 25	0 5	12 20	6 20	21 36	21 50	22 17		n.a.
S 23	2 52	3 59	4 40	12 25	2 21	4 36	1 14	18 51	1 17	6 28	1 28	10 44	2 22	8 40	0 30	23 25	0 5	12 20	6 20	21 38	21 50	22 17		n.a.
M24	2 28	0s58	5 0	11 44	2 18	4 5	1 13	18 39	1 17	6 26	1 28	10 42	2 22	8 40	0 30	23 25	0 5	12 20	6 21	21 39	21 51	22 17		n.a.
T 25	2 5	5 57	5 4	11 1	2 15	3 34	1 11	18 26	1 18	6 23	1 28	10 41	2 22	8 39	0 30	23 25	0 5	12 20	6 21	21 41	21 51	22 17		n.a.
W26	1 42	10 43	4 51	10 16	2 10	3 3	1 10	18 13	1 18	6 21	1 28	10 40	2 22	8 38	0 30	23 25	0 5	12 19	6 21	21 43	21 52	22 17		n.a.
T 27	1 18	15 0	4 21	9 30	2 6	2 32	1 9	17 59	1 18	6 18	1 28	10 39	2 23	8 37	0 30	23 25	0 5	12 19	6 21	21 44	21 52	22 18		n.a.
F 28	0 55	18 31	3 36	8 42	2 1	2 1	1 7	17 46	1 19	6 16	1 28	10 38	2 23	8 36	0 30	23 25	0 4	12 19	6 21	21 44	21 53	22 18		n.a.
S 29	0 32	20 59	2 37	7 53	1 55	1 30	1 6	17 33	1 19	6 13	1 28	10 37	2 23	8 36	0 30	23 25	0 4	12 19	6 21	21 45	21 53	22 18		n.a.
S 30	0 8	22 10	1 28	7 2	1 49	0 59	1 4	17 19	1 19	6 10	1 28	10 36	2 23	8 35	0 30	23 25	0 4	12 18	6 21	21 45	21 54	22 18		n.a.
M31	0n15	21s56	0n14	6s 9	1s42	0s28	1s 3	17s 5	1s20	6s 8	1n28	10s34	2n23	8s34	0n30	23s25	0n 4	12s18	6n21	21n44	21n54	22n18		n.a.

Julian Day Number = 1370842.5, Delta T = 06h50m48s
Ecliptic obliquity = 23°48'32, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°19'38, Lahiri = -17°12'37 Julian Calendar 1 March 960 BCE == Greg. Calendar 20 Feb. 960 BCE

The year -959 astronomical counting style corresponds to year 960 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 960 BCE
geocentric

APRIL 960 BCE (-959) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 59 57	1♈35'08	5♒ 3	20♓32	2♈28	18♒16	18°R43	3°R16	22°R51	9♑14	21°R33	23°R25	22♋24	14♋ 8	n.a.	T 1
W 2	12 3 53	2°32'58	19°19	22°31	3°42	19° 2	18♎36	3♏12	22♎49	9°14	21♏32	23♋23	22°21	14°15	n.a.	W 2
T 3	12 7 50	3°30'47	3♓33	24°33	4°55	19°48	18°29	3° 9	22°46	9°15	21°31	23°18	22°18	14°21	n.a.	T 3
F 4	12 11 46	4°28'35	17°41	26°36	6° 9	20°33	18°22	3° 5	22°44	9°15	21°30	23°10	22°14	14°28	n.a.	F 4
S 5	12 15 43	5°26'21	1♈38	28°41	7°23	21°19	18°15	3° 2	22°42	9°16	21°29	23° 1	22°11	14°35	n.a.	S 5
S 6	12 19 39	6°24'05	15°21	0♈47	8°37	22° 4	18° 8	2°58	22°39	9°16	21°29	22°49	22° 8	14°41	n.a.	S 6
M 7	12 23 36	7°21'48	28°45	2°54	9°51	22°49	18° 0	2°54	22°37	9°17	21°28	22°37	22° 5	14°48	n.a.	M 7
T 8	12 27 33	8°19'30	11♉49	5° 2	11° 5	23°35	17°53	2°50	22°35	9°17	21°27	22°27	22° 2	14°55	n.a.	T 8
W 9	12 31 29	9°17'09	24°33	7°12	12°18	24°20	17°45	2°47	22°32	9°18	21°26	22°18	21°58	15° 1	n.a.	W 9
T 10	12 35 26	10°14'48	6♊57	9°22	13°32	25° 5	17°38	2°43	22°30	9°18	21°24	22°11	21°55	15° 8	n.a.	T 10
F 11	12 39 22	11°12'24	19° 5	11°33	14°46	25°50	17°30	2°39	22°27	9°18	21°23	22° 7	21°52	15°14	n.a.	F 11
S 12	12 43 19	12° 9'59	1♋ 2	13°44	16° 0	26°36	17°23	2°35	22°25	9°19	21°22	22° 5	21°49	15°21	n.a.	S 12
S 13	12 47 15	13° 7'33	12°52	15°55	17°13	27°21	17°15	2°31	22°23	9°19	21°21	22°D 5	21°46	15°28	n.a.	S 13
M14	12 51 12	14° 5'05	24°40	18° 6	18°27	28° 6	17° 8	2°27	22°20	9°19	21°20	22°R 5	21°43	15°34	n.a.	M14
T 15	12 55 8	15° 2'35	6♌33	20°16	19°41	28°51	17° 0	2°23	22°18	9°20	21°19	22° 4	21°39	15°41	n.a.	T 15
W16	12 59 5	16° 0'04	18°35	22°25	20°54	29°36	16°52	2°19	22°15	9°20	21°18	22° 2	21°36	15°48	n.a.	W16
T 17	13 3 2	16°57'31	0♍51	24°34	22° 8	0♓21	16°45	2°15	22°13	9°20	21°17	21°58	21°33	15°54	n.a.	T 17
F 18	13 6 58	17°54'57	13°24	26°41	23°22	1° 5	16°37	2°10	22°10	9°20	21°15	21°50	21°30	16° 1	n.a.	F 18
S 19	13 10 55	18°52'21	26°17	28°46	24°35	1°50	16°29	2° 6	22° 8	9°20	21°14	21°41	21°27	16° 8	n.a.	S 19
S 20	13 14 51	19°49'44	9♎30	0♉50	25°49	2°35	16°22	2° 2	22° 5	9°20	21°13	21°29	21°23	16°14	n.a.	S 20
M21	13 18 48	20°47'06	23° 3	2°52	27° 3	3°20	16°14	1°58	22° 3	9°R20	21°12	21°17	21°20	16°21	n.a.	M21
T 22	13 22 44	21°44'27	6♏52	4°51	28°16	4° 4	16° 7	1°54	22° 0	9°20	21°10	21° 6	21°17	16°28	n.a.	T 22
W23	13 26 41	22°41'47	20°53	6°49	29°30	4°49	15°59	1°49	21°58	9°20	21° 9	20°56	21°14	16°34	n.a.	W23
T 24	13 30 37	23°39'06	5♐ 2	8°44	0♉44	5°33	15°52	1°45	21°55	9°20	21° 8	20°48	21°11	16°41	n.a.	T 24
F 25	13 34 34	24°36'24	19°14	10°36	1°57	6°18	15°44	1°41	21°53	9°20	21° 6	20°43	21° 8	16°47	n.a.	F 25
S 26	13 38 31	25°33'42	3♑27	12°26	3°11	7° 2	15°37	1°36	21°50	9°20	21° 5	20°41	21° 4	16°54	n.a.	S 26
S 27	13 42 27	26°30'59	17°38	14°14	4°25	7°47	15°29	1°32	21°48	9°20	21° 4	20°40	21° 1	17° 1	n.a.	S 27
M28	13 46 24	27°28'16	1♒45	15°58	5°38	8°31	15°22	1°27	21°45	9°19	21° 2	20°40	20°58	17° 7	n.a.	M28
T 29	13 50 20	28°25'32	15°48	17°40	6°52	9°15	15°15	1°23	21°43	9°19	21° 1	20°39	20°55	17°14	n.a.	T 29
W30	13 54 17	29♈22'47	29♒46	19♉20	8♉ 5	9♓59	15♎ 7	1♏19	21♎40	9♑19	20♏59	20♋37	20♋52	17♋21	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n38	20s18	1s 1	5s16	1s35	0n 4	1s 1	16s51	1s20	6s 5	1n28	10s33	2n23	8s33	0n30	23s25	0n 4	12s18	6n21	21n45	21n55	22n19		n.a.
W 2	1 2	17 22	2 13	4 21	1 27	0 35	1 0	16 37	1 20	6 2	1 28	10 32	2 23	8 32	0 30	23 24	0 4	12 18	6 21	21 45	21 55	22 19		n.a.
T 3	1 25	13 24	3 16	3 24	1 19	1 6	0 58	16 23	1 20	6 0	1 28	10 31	2 23	8 31	0 30	23 24	0 4	12 17	6 21	21 46	21 56	22 19		n.a.
F 4	1 48	8 43	4 7	2 27	1 11	1 37	0 56	16 8	1 21	5 57	1 28	10 29	2 23	8 30	0 30	23 24	0 4	12 17	6 21	21 47	21 56	22 19		n.a.
S 5	2 12	3 38	4 41	1 28	1 2	2 9	0 54	15 54	1 21	5 54	1 28	10 28	2 23	8 30	0 30	23 24	0 4	12 17	6 21	21 49	21 57	22 19		n.a.
S 6	2 35	1n33	4 59	0 29	0 52	2 40	0 53	15 39	1 21	5 51	1 28	10 27	2 23	8 29	0 30	23 24	0 4	12 16	6 21	21 51	21 58	22 19		n.a.
M 7	2 58	6 32	5 0	0n31	0 42	3 11	0 51	15 24	1 21	5 49	1 28	10 25	2 24	8 28	0 30	23 24	0 4	12 16	6 21	21 53	21 58	22 19		n.a.
T 8	3 21	11 6	4 45	1 32	0 32	3 42	0 49	15 9	1 22	5 46	1 28	10 24	2 24	8 27	0 30	23 24	0 4	12 16	6 21	21 54	21 59	22 20		n.a.
W 9	3 44	15 4	4 16	2 34	0 22	4 13	0 47	14 54	1 22	5 43	1 28	10 23	2 24	8 26	0 30	23 24	0 4	12 16	6 21	21 56	21 59	22 20		n.a.
T 10	4 7	18 16	3 35	3 35	0 12	4 44	0 45	14 39	1 22	5 40	1 28	10 21	2 24	8 25	0 30	23 24	0 4	12 15	6 22	21 57	22 0	22 20		n.a.
F 11	4 30	20 36	2 46	4 37	0 1	5 15	0 43	14 23	1 22	5 37	1 28	10 20	2 24	8 24	0 30	23 24	0 4	12 15	6 22	21 58	22 0	22 20		n.a.
S 12	4 53	21 59	1 49	5 38	0n 9	5 46	0 41	14 8	1 23	5 34	1 28	10 18	2 24	8 23	0 30	23 24	0 4	12 15	6 22	21 58	22 1	22 20		n.a.
S 13	5 16	22 22	0 49	6 40	0 20	6 16	0 39	13 52	1 23	5 31	1 28	10 17	2 24	8 22	0 30	23 24	0 4	12 14	6 22	21 58	22 1	22 20		n.a.
M14	5 38	21 45	0n14	7 40	0 30	6 47	0 37	13 37	1 23	5 29	1 28	10 16	2 24	8 21	0 30	23 24	0 4	12 14	6 22	21 58	22 2	22 20		n.a.
T 15	6 1	20 9	1 16	8 40	0 41	7 17	0 35	13 21	1 23	5 26	1 28	10 14	2 24	8 21	0 30	23 24	0 4	12 14	6 22	21 58	22 2	22 20		n.a.
W16	6 23	17 38	2 16	9 38	0 51	7 47	0 32	13 5	1 23	5 23	1 28	10 13	2 24	8 20	0 30	23 24	0 4	12 13	6 22	21 58	22 3	22 20		n.a.
T 17	6 46	14 18	3 10	10 36	1 0	8 17	0 30	12 49	1 24	5 20	1 28	10 11	2 24	8 19	0 30	23 24	0 4	12 13	6 22	21 59	22 3	22 20		n.a.
F 18	7 8	10 15	3 56	11 32	1 10	8 47	0 28	12 33	1 24	5 17	1 28	10 10	2 24	8 18	0 30	23 24	0 4	12 13	6 22	22 0	22 4	22 21		n.a.
S 19	7 30	5 39	4 32	12 26	1 19	9 16	0 26	12 17	1 24	5 14	1 28	10 8	2 24	8 17	0 30	23 24	0 4	12 12	6 22	22 2	22 4	22 21		n.a.
S 20	7 52	0 40	4 54	13 18	1 27	9 46	0 23	12 1	1 24	5 11	1 28	10 7	2 24	8 16	0 30	23 24	0 4	12 12	6 22	22 4	22 5	22 21		n.a.
M21	8 14	4s27	5 0	14 8	1 35	10 15	0 21	11 45	1 24	5 8	1 27	10 5	2 24	8 15	0 30	23 24	0 4	12 12	6 22	22 6	22 5	22 21		n.a.
T 22	8 36	9 28	4 49	14 57	1 42	10 44	0 19	11 28	1 24	5 6	1 27	10 4	2 24	8 14	0 30	23 24	0 4	12 11	6 22	22 8	22 6	22 21		n.a.
W23	8 58	14 3	4 21	15 43	1 49	11 13	0 16	11 12	1 24	5 3	1 27	10 2	2 24	8 13	0 30	23 24	0 4	12 11	6 22	22 9	22 6	22 21		n.a.
T 24	9 19	17 55	3 36	16 26	1 55	11 41	0 14	10 55	1 24	5 0	1 27	10 1	2 24	8 12	0 30	23 24	0 4	12 11	6 22	22 10	22 7	22 21		n.a.
F 25	9 41	20 44	2 38	17 8	2 0	12 9	0 12	10 39	1 25	4 57	1 27	9 59	2 24	8 11	0 30	23 24	0 4	12 10	6 22	22 11	22 7	22 21		n.a.
S 26	10 2	22 16	1 30	17 47	2 5	12 37	0 9	10 22	1 25	4 54	1 27	9 58	2 24	8 10	0 30	23 24	0 4	12 10	6 22	22 11	22 8	22 21		n.a.
S 27	10 23	22 22	0 16	18 24	2 9	13 5	0 7	10 5	1 25	4 52	1 27	9 56	2 24	8 9	0 30	23 24	0 4	12 10	6 22	22 12	22 8	22 21		n.a.
M28	10 44	21 1	0s58	18 59	2 12	13 32	0 5	9 49	1 25	4 49	1 27	9 55	2 24	8 8	0 30	23 24	0 4	12 9	6 22	22 12	22 9	22 21		n.a.
T 29	11 5	18 24	2 9	19 31	2 15	13 59	0 2	9 32	1 25	4 46	1 26	9 53	2 24	8 8	0 30	23 24	0 4	12 9	6 22	22 12	22 9	22 21		n.a.
W30	11n25	14s42	3s11	20n 1	2n16	14n25	0n 0	9s15	1s25	4s43	1n26	9s52	2n24	8s 7	0n30	23s24	0n 4	12s 9	6n22	22n12	22n10	22n21		n.a.

Julian Day Number = 1370873.5, Delta T = 06h50m47s
Ecliptic obliquity = 23°48'32, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°19'33, Lahiri = -17°12'33 Julian Calendar 1 Apr. 960 BCE == Greg. Calendar 23 March 960 BCE

The year -959 astronomical counting style corresponds to year 960 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 960 BCE
geocentric

MAY 960 BCE (-959) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 58 13	0♉20'01	13♓37	20♉56	9♉19	10♓44	15°R 0	1°R14	21°R38	9°R18	20°R58	20°R32	20♋49	17♋27	n.a.	T 1
F 2	14 2 10	1°17'15	27°20	22°30	10°33	11°28	14♎53	1♏10	21♎36	9♑18	20♏57	20♋24	20°45	17°34	n.a.	F 2
S 3	14 6 6	2°14'29	10♈53	24° 1	11°46	12°12	14°46	1° 6	21°33	9°18	20°55	20°13	20°42	17°41	n.a.	S 3
S 4	14 10 3	3°11'42	24°13	25°29	13° 0	12°56	14°39	1° 1	21°31	9°17	20°54	20° 2	20°39	17°47	n.a.	S 4
M 5	14 14 0	4° 8'54	7♉19	26°55	14°13	13°39	14°32	0°57	21°28	9°17	20°52	19°50	20°36	17°54	n.a.	M 5
T 6	14 17 56	5° 6'06	20° 8	28°17	15°27	14°23	14°26	0°52	21°26	9°17	20°51	19°38	20°33	18° 1	n.a.	T 6
W 7	14 21 53	6° 3'17	2♊41	29°37	16°41	15° 7	14°19	0°48	21°23	9°16	20°49	19°29	20°29	18° 7	n.a.	W 7
T 8	14 25 49	7° 0'27	14°59	0♊54	17°54	15°51	14°12	0°44	21°21	9°15	20°48	19°22	20°26	18°14	n.a.	T 8
F 9	14 29 46	7°57'37	27° 3	2° 7	19° 8	16°34	14° 6	0°39	21°19	9°15	20°46	19°17	20°23	18°21	n.a.	F 9
S 10	14 33 42	8°54'45	8♋58	3°18	20°21	17°18	13°59	0°35	21°16	9°14	20°45	19°15	20°20	18°27	n.a.	S 10
S 11	14 37 39	9°51'54	20°47	4°25	21°35	18° 1	13°53	0°31	21°14	9°14	20°43	19°D14	20°17	18°34	n.a.	S 11
M12	14 41 36	10°49'01	2♌35	5°29	22°48	18°45	13°47	0°26	21°12	9°13	20°42	19°15	20°14	18°40	n.a.	M12
T 13	14 45 32	11°46'08	14°28	6°30	24° 2	19°28	13°41	0°22	21° 9	9°12	20°40	19°R15	20°10	18°47	n.a.	T 13
W14	14 49 29	12°43'14	26°30	7°28	25°15	20°11	13°35	0°18	21° 7	9°12	20°39	19°14	20° 7	18°54	n.a.	W14
T 15	14 53 25	13°40'19	8♍48	8°22	26°29	20°55	13°29	0°14	21° 5	9°11	20°37	19°11	20° 4	19° 0	n.a.	T 15
F 16	14 57 22	14°37'24	21°26	9°13	27°42	21°38	13°24	0° 9	21° 3	9°10	20°36	19° 6	20° 1	19° 7	n.a.	F 16
S 17	15 1 18	15°34'29	4♎26	10° 0	28°56	22°21	13°18	0° 5	21° 1	9° 9	20°34	18°59	19°58	19°14	n.a.	S 17
S 18	15 5 15	16°31'33	17°50	10°43	0♊ 9	23° 4	13°13	0° 1	20°58	9° 9	20°33	18°50	19°54	19°20	n.a.	S 18
M19	15 9 11	17°28'36	1♏38	11°22	1°23	23°47	13° 8	29♎57	20°56	9° 8	20°31	18°40	19°51	19°27	n.a.	M19
T 20	15 13 8	18°25'39	15°47	11°58	2°36	24°29	13° 3	29°53	20°54	9° 7	20°30	18°31	19°48	19°34	n.a.	T 20
W21	15 17 5	19°22'43	0♐11	12°29	3°50	25°12	12°58	29°49	20°52	9° 6	20°28	18°23	19°45	19°40	n.a.	W21
T 22	15 21 1	20°19'46	14°45	12°56	5° 3	25°55	12°53	29°45	20°50	9° 5	20°26	18°17	19°42	19°47	n.a.	T 22
F 23	15 24 58	21°16'49	29°22	13°19	6°17	26°37	12°48	29°41	20°48	9° 4	20°25	18°13	19°39	19°54	n.a.	F 23
S 24	15 28 54	22°13'53	13♑56	13°37	7°30	27°20	12°44	29°37	20°46	9° 3	20°23	18°D12	19°35	20° 0	n.a.	S 24
S 25	15 32 51	23°10'56	28°22	13°51	8°43	28° 2	12°40	29°33	20°44	9° 2	20°22	18°12	19°32	20° 7	n.a.	S 25
M26	15 36 47	24° 8'00	12♒37	14° 0	9°57	28°45	12°35	29°29	20°42	9° 1	20°20	18°13	19°29	20°14	n.a.	M26
T 27	15 40 44	25° 5'05	26°39	14°R 4	11°10	29°27	12°31	29°26	20°40	9° 0	20°19	18°R13	19°26	20°20	n.a.	T 27
W28	15 44 40	26° 2'09	10♓29	14° 4	12°24	0♈ 9	12°27	29°22	20°38	8°59	20°17	18°12	19°23	20°27	n.a.	W28
T 29	15 48 37	26°59'15	24° 6	14° 0	13°37	0°52	12°24	29°18	20°36	8°58	20°16	18°10	19°20	20°33	n.a.	T 29
F 30	15 52 34	27°56'20	7♈29	13°50	14°51	1°34	12°20	29°15	20°35	8°57	20°14	18° 5	19°16	20°40	n.a.	F 30
S 31	15 56 30	28♉53'26	20♈40	13♊37	16♊ 4	2♈16	12♎17	29♎11	20♎33	8♑56	20♏13	17♋58	19♋13	20♋47	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11n46	10s15	4s 2	20n28	2n17	14n52	0n 3	8s58	1s25	4s41	1n26	9s50	2n24	8s 6	0n30	23s24	0n 4	12s 8	6n22	22n13	22n10	22n21			n.a.
F 2	12 6	5 18	4 38	20 54	2 18	15 17	0 5	8 41	1 25	4 38	1 26	9 49	2 24	8 5	0 30	23 25	0 4	12 8	6 22	22 14	22 11	22 21			n.a.
S 3	12 26	0 11	4 57	21 17	2 17	15 43	0 7	8 24	1 25	4 36	1 26	9 47	2 24	8 4	0 30	23 25	0 4	12 8	6 22	22 16	22 11	22 21			n.a.
S 4	12 46	4n53	5 0	21 38	2 16	16 8	0 10	8 7	1 25	4 33	1 25	9 46	2 24	8 3	0 30	23 25	0 4	12 7	6 22	22 17	22 12	22 21			n.a.
M 5	13 6	9 38	4 48	21 56	2 14	16 33	0 12	7 50	1 25	4 30	1 25	9 44	2 24	8 2	0 30	23 25	0 4	12 7	6 21	22 19	22 12	22 21			n.a.
T 6	13 25	13 52	4 20	22 13	2 11	16 57	0 15	7 33	1 25	4 28	1 25	9 43	2 24	8 1	0 30	23 25	0 4	12 7	6 21	22 21	22 13	22 21			n.a.
W 7	13 45	17 25	3 41	22 27	2 8	17 21	0 17	7 15	1 25	4 26	1 25	9 41	2 24	8 0	0 30	23 25	0 4	12 6	6 21	22 22	22 13	22 21			n.a.
T 8	14 4	20 6	2 51	22 40	2 3	17 44	0 19	6 58	1 25	4 23	1 25	9 40	2 23	7 59	0 30	23 25	0 4	12 6	6 21	22 23	22 14	22 21			n.a.
F 9	14 23	21 51	1 55	22 50	1 59	18 7	0 22	6 41	1 25	4 21	1 25	9 39	2 23	7 58	0 30	23 25	0 4	12 6	6 21	22 24	22 14	22 21			n.a.
S 10	14 41	22 36	0 55	22 59	1 53	18 30	0 24	6 24	1 25	4 19	1 24	9 37	2 23	7 58	0 30	23 25	0 4	12 5	6 21	22 24	22 15	22 21			n.a.
S 11	15 0	22 19	0n 8	23 6	1 47	18 52	0 27	6 6	1 25	4 16	1 24	9 36	2 23	7 57	0 30	23 25	0 4	12 5	6 21	22 24	22 15	22 21			n.a.
M12	15 18	21 2	1 11	23 11	1 40	19 13	0 29	5 49	1 25	4 14	1 24	9 34	2 23	7 56	0 30	23 25	0 4	12 5	6 21	22 24	22 16	22 21			n.a.
T 13	15 36	18 49	2 10	23 14	1 32	19 34	0 31	5 32	1 25	4 12	1 24	9 33	2 23	7 55	0 30	23 25	0 4	12 4	6 21	22 24	22 16	22 21			n.a.
W14	15 54	15 46	3 5	23 16	1 23	19 55	0 34	5 15	1 25	4 10	1 23	9 31	2 23	7 54	0 30	23 25	0 4	12 4	6 21	22 24	22 17	22 21			n.a.
T 15	16 11	11 58	3 53	23 16	1 14	20 15	0 36	4 57	1 25	4 8	1 23	9 30	2 23	7 53	0 30	23 25	0 4	12 4	6 21	22 25	22 17	22 21			n.a.
F 16	16 28	7 34	4 30	23 14	1 4	20 34	0 38	4 40	1 25	4 6	1 23	9 29	2 23	7 53	0 30	23 25	0 4	12 3	6 21	22 25	22 17	22 21			n.a.
S 17	16 45	2 43	4 55	23 11	0 54	20 53	0 40	4 23	1 25	4 4	1 23	9 27	2 23	7 52	0 30	23 25	0 4	12 3	6 21	22 26	22 18	22 20			n.a.
S 18	17 2	2s25	5 4	23 6	0 43	21 11	0 43	4 5	1 25	4 2	1 22	9 26	2 22	7 51	0 30	23 25	0 4	12 3	6 21	22 28	22 18	22 20			n.a.
M19	17 19	7 35	4 57	23 0	0 31	21 29	0 45	3 48	1 25	4 0	1 22	9 25	2 22	7 50	0 30	23 25	0 4	12 2	6 21	22 29	22 19	22 20			n.a.
T 20	17 35	12 30	4 31	22 53	0 19	21 46	0 47	3 31	1 24	3 58	1 22	9 23	2 22	7 49	0 30	23 25	0 4	12 2	6 20	22 30	22 19	22 20			n.a.
W21	17 51	16 48	3 48	22 44	0 6	22 3	0 49	3 13	1 24	3 57	1 22	9 22	2 22	7 49	0 30	23 26	0 4	12 2	6 20	22 32	22 20	22 20			n.a.
T 22	18 6	20 7	2 49	22 34	0s 8	22 19	0 51	2 56	1 24	3 55	1 21	9 21	2 22	7 48	0 30	23 26	0 4	12 1	6 20	22 32	22 20	22 20			n.a.
F 23	18 22	22 9	1 39	22 23	0 22	22 34	0 53	2 39	1 24	3 53	1 21	9 19	2 22	7 47	0 30	23 26	0 4	12 1	6 20	22 33	22 21	22 20			n.a.
S 24	18 37	22 41	0 23	22 11	0 36	22 49	0 55	2 21	1 24	3 52	1 21	9 18	2 22	7 46	0 30	23 26	0 4	12 1	6 20	22 33	22 21	22 20			n.a.
S 25	18 51	21 42	0s54	21 58	0 51	23 3	0 57	2 4	1 24	3 50	1 21	9 17	2 21	7 46	0 30	23 26	0 4	12 1	6 20	22 33	22 22	22 20			n.a.
M26	19 6	19 19	2 7	21 44	1 6	23 16	0 59	1 47	1 24	3 49	1 20	9 16	2 21	7 45	0 30	23 26	0 4	12 0	6 20	22 33	22 22	22 20			n.a.
T 27	19 20	15 49	3 12	21 29	1 22	23 29	1 1	1 30	1 23	3 48	1 20	9 15	2 21	7 44	0 30	23 26	0 4	12 0	6 20	22 33	22 23	22 19			n.a.
W28	19 34	11 30	4 4	21 14	1 37	23 41	1 3	1 12	1 23	3 46	1 20	9 13	2 21	7 43	0 30	23 26	0 4	12 0	6 20	22 33	22 23	22 19			n.a.
T 29	19 47	6 40	4 41	20 58	1 53	23 52	1 5	0 55	1 23	3 45	1 20	9 12	2 21	7 43	0 30	23 26	0 4	11 59	6 19	22 33	22 24	22 19			n.a.
F 30	20 0	1 36	5 2	20 41	2 9	24 3	1 7	0 38	1 23	3 44	1 19	9 11	2 21	7 42	0 30	23 26	0 4	11 59	6 19	22 34	22 24	22 19			n.a.
S 31	20n13	3n28	5s 7	20n24	2s24	24n12	1n 9	0s21	1s23	3s43	1n19	9s10	2n21	7s41	0n30	23s26	0n 4	11s59	6n19	22n35	22n24	22n19			n.a.

Julian Day Number = 1370903.5, Delta T = 06h50m45s
Ecliptic obliquity = 23°48'33, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°19'29, Lahiri = -17°12'29 Julian Calendar 1 May 960 BCE == Greg. Calendar 22 Apr. 960 BCE

The year -959 astronomical counting style corresponds to year 960 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 960 BCE
geocentric

JUNE 960 BCE (-959) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 0 27	29♉50'32	3♉38	13°R19	17♊17	2♈58	12°R14	29°R 8	20°R31	8°R55	20°R11	17°R50	19♋10	20♋53	n.a.	S 1
M 2	16 4 23	0♊47'39	16°23	12♊56	18°31	3°39	12♎11	29♎ 4	20♎29	8♏53	20♏10	17♋41	19° 7	21° 0	n.a.	M 2
T 3	16 8 20	1°44'46	28°54	12°30	19°44	4°21	12° 8	29° 1	20°28	8°52	20° 8	17°34	19° 4	21° 7	n.a.	T 3
W 4	16 12 16	2°41'54	11♊13	12° 1	20°58	5° 3	12° 5	28°58	20°26	8°51	20° 7	17°27	19° 0	21°13	n.a.	W 4
T 5	16 16 13	3°39'02	23°21	11°28	22°11	5°44	12° 3	28°54	20°24	8°50	20° 5	17°22	18°57	21°20	n.a.	T 5
F 6	16 20 10	4°36'10	5♋19	10°53	23°24	6°26	12° 1	28°51	20°23	8°49	20° 4	17°20	18°54	21°27	n.a.	F 6
S 7	16 24 6	5°33'18	17°10	10°16	24°38	7° 7	11°58	28°48	20°21	8°47	20° 2	17°D19	18°51	21°33	n.a.	S 7
S 8	16 28 3	6°30'27	28°57	9°37	25°51	7°48	11°56	28°45	20°20	8°46	20° 1	17°20	18°48	21°40	n.a.	S 8
M 9	16 31 59	7°27'36	10♌44	8°57	27° 4	8°30	11°55	28°42	20°18	8°45	19°59	17°21	18°45	21°47	n.a.	M 9
T 10	16 35 56	8°24'46	22°37	8°17	28°18	9°11	11°53	28°39	20°17	8°43	19°58	17°23	18°41	21°53	n.a.	T 10
W11	16 39 52	9°21'55	4♍39	7°38	29°31	9°52	11°52	28°37	20°16	8°42	19°56	17°R24	18°38	22° 0	n.a.	W11
T 12	16 43 49	10°19'05	16°56	7° 0	0♋44	10°33	11°51	28°34	20°14	8°41	19°55	17°23	18°35	22° 6	n.a.	T 12
F 13	16 47 45	11°16'15	29°32	6°24	1°58	11°14	11°49	28°31	20°13	8°39	19°53	17°22	18°32	22°13	n.a.	F 13
S 14	16 51 42	12°13'26	12♎32	5°50	3°11	11°54	11°49	28°29	20°12	8°38	19°52	17°19	18°29	22°20	n.a.	S 14
S 15	16 55 39	13°10'37	25°58	5°20	4°24	12°35	11°48	28°26	20°11	8°36	19°51	17°15	18°26	22°26	n.a.	S 15
M16	16 59 35	14° 7'49	9♏51	4°54	5°38	13°15	11°47	28°24	20°10	8°35	19°49	17°10	18°22	22°33	n.a.	M16
T 17	17 3 32	15° 5'01	24° 9	4°31	6°51	13°56	11°47	28°21	20° 9	8°33	19°48	17° 5	18°19	22°40	n.a.	T 17
W18	17 7 28	16° 2'14	8♐47	4°14	8° 4	14°36	11°D47	28°19	20° 8	8°32	19°46	17° 1	18°16	22°46	n.a.	W18
T 19	17 11 25	16°59'28	23°40	4° 1	9°17	15°16	11°47	28°17	20° 7	8°30	19°45	16°58	18°13	22°53	n.a.	T 19
F 20	17 15 21	17°56'43	8♑38	3°55	10°31	15°57	11°47	28°15	20° 6	8°29	19°44	16°57	18°10	23° 0	n.a.	F 20
S 21	17 19 18	18°53'59	23°34	3°D53	11°44	16°37	11°48	28°13	20° 5	8°27	19°43	16°D57	18° 6	23° 6	n.a.	S 21
S 22	17 23 15	19°51'16	8♒20	3°58	12°57	17°17	11°48	28°11	20° 4	8°26	19°41	16°58	18° 3	23°13	n.a.	S 22
M23	17 27 11	20°48'34	22°51	4° 9	14°10	17°57	11°49	28° 9	20° 3	8°24	19°40	16°59	18° 0	23°20	n.a.	M23
T 24	17 31 8	21°45'53	7♓ 4	4°26	15°23	18°36	11°50	28° 7	20° 2	8°23	19°39	17° 0	17°57	23°26	n.a.	T 24
W25	17 35 4	22°43'14	20°56	4°50	16°36	19°16	11°51	28° 6	20° 2	8°21	19°37	17°R 1	17°54	23°33	n.a.	W25
T 26	17 39 1	23°40'36	4♈28	5°19	17°50	19°55	11°53	28° 4	20° 1	8°20	19°36	17° 1	17°51	23°40	n.a.	T 26
F 27	17 42 57	24°37'59	17°42	5°55	19° 3	20°35	11°54	28° 3	20° 0	8°18	19°35	16°59	17°47	23°46	n.a.	F 27
S 28	17 46 54	25°35'23	0♉37	6°37	20°16	21°14	11°56	28° 1	20° 0	8°17	19°34	16°57	17°44	23°53	n.a.	S 28
S 29	17 50 50	26°32'50	13°18	7°26	21°29	21°53	11°58	28° 0	19°59	8°15	19°33	16°54	17°41	23°59	n.a.	S 29
M30	17 54 47	27♊30'17	25♉45	8♊20	22♋42	22♈33	12♎ 0	27♎59	19♎59	8♏13	19♏32	16♋51	17♋38	24♋ 6	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n26	8n17	4s56	20n 7	2s40	24n22	1n11	0s 4	1s22	3s42	1n19	9s 9	2n20	7s41	0n30	23s26	0n 4	11s59	6n19	22n36	22n25	22n19		n.a.
M 2	20 38	12 41	4 30	19 49	2 55	24 30	1 12	0n13	1 22	3 41	1 18	9 8	2 20	7 40	0 29	23 27	0 4	11 58	6 19	22 37	22 25	22 18		n.a.
T 3	20 50	16 27	3 52	19 31	3 9	24 38	1 14	0 30	1 22	3 40	1 18	9 7	2 20	7 40	0 29	23 27	0 4	11 58	6 19	22 38	22 26	22 18		n.a.
W 4	21 1	19 27	3 3	19 14	3 23	24 45	1 16	0 47	1 22	3 40	1 18	9 6	2 20	7 39	0 29	23 27	0 4	11 58	6 19	22 39	22 26	22 18		n.a.
T 5	21 12	21 32	2 6	18 57	3 35	24 51	1 17	1 4	1 22	3 39	1 18	9 5	2 20	7 38	0 29	23 27	0 4	11 58	6 18	22 40	22 27	22 18		n.a.
F 6	21 23	22 37	1 5	18 40	3 47	24 57	1 19	1 21	1 21	3 38	1 17	9 4	2 19	7 38	0 29	23 27	0 4	11 57	6 18	22 40	22 27	22 18		n.a.
S 7	21 34	22 40	0 1	18 24	3 58	25 2	1 20	1 38	1 21	3 38	1 17	9 3	2 19	7 37	0 29	23 27	0 4	11 57	6 18	22 40	22 28	22 18		n.a.
S 8	21 44	21 43	1n 3	18 9	4 8	25 6	1 21	1 55	1 21	3 37	1 17	9 2	2 19	7 37	0 29	23 27	0 4	11 57	6 18	22 40	22 28	22 17		n.a.
M 9	21 53	19 48	2 4	17 55	4 16	25 9	1 23	2 11	1 20	3 37	1 16	9 1	2 19	7 36	0 29	23 27	0 4	11 57	6 18	22 40	22 28	22 17		n.a.
T 10	22 3	17 2	3 0	17 43	4 22	25 12	1 24	2 28	1 20	3 36	1 16	9 0	2 19	7 36	0 29	23 27	0 4	11 56	6 18	22 40	22 29	22 17		n.a.
W11	22 12	13 30	3 50	17 31	4 27	25 14	1 25	2 45	1 20	3 36	1 16	9 0	2 18	7 35	0 29	23 27	0 4	11 56	6 17	22 39	22 29	22 17		n.a.
T 12	22 20	9 22	4 29	17 22	4 31	25 15	1 26	3 1	1 20	3 36	1 15	8 59	2 18	7 35	0 29	23 28	0 4	11 56	6 17	22 39	22 30	22 17		n.a.
F 13	22 29	4 43	4 57	17 14	4 33	25 15	1 27	3 18	1 19	3 36	1 15	8 58	2 18	7 34	0 29	23 28	0 4	11 56	6 17	22 40	22 30	22 16		n.a.
S 14	22 36	0s16	5 11	17 8	4 33	25 15	1 29	3 34	1 19	3 36	1 15	8 57	2 18	7 34	0 29	23 28	0 4	11 56	6 17	22 40	22 31	22 16		n.a.
S 15	22 44	5 24	5 9	17 4	4 32	25 14	1 30	3 50	1 19	3 36	1 15	8 57	2 18	7 33	0 29	23 28	0 4	11 55	6 17	22 41	22 31	22 16		n.a.
M16	22 51	10 26	4 48	17 2	4 29	25 12	1 30	4 7	1 18	3 36	1 14	8 56	2 17	7 33	0 29	23 28	0 4	11 55	6 17	22 41	22 32	22 16		n.a.
T 17	22 58	15 4	4 10	17 2	4 24	25 9	1 31	4 23	1 18	3 36	1 14	8 55	2 17	7 33	0 29	23 28	0 4	11 55	6 16	22 42	22 32	22 15		n.a.
W18	23 4	18 55	3 14	17 5	4 19	25 5	1 32	4 39	1 18	3 36	1 14	8 55	2 17	7 32	0 29	23 28	0 4	11 55	6 16	22 42	22 32	22 15		n.a.
T 19	23 10	21 35	2 4	17 10	4 11	25 1	1 33	4 55	1 17	3 36	1 13	8 54	2 17	7 32	0 29	23 28	0 4	11 55	6 16	22 43	22 33	22 15		n.a.
F 20	23 15	22 46	0 46	17 17	4 3	24 56	1 33	5 11	1 17	3 37	1 13	8 54	2 16	7 32	0 29	23 28	0 4	11 55	6 16	22 43	22 33	22 15		n.a.
S 21	23 20	22 19	0s36	17 26	3 53	24 51	1 34	5 27	1 16	3 37	1 13	8 53	2 16	7 31	0 29	23 29	0 4	11 54	6 16	22 43	22 34	22 14		n.a.
S 22	23 25	20 18	1 55	17 37	3 43	24 44	1 35	5 43	1 16	3 38	1 12	8 53	2 16	7 31	0 29	23 29	0 4	11 54	6 15	22 43	22 34	22 14		n.a.
M23	23 29	17 1	3 5	17 50	3 31	24 37	1 35	5 59	1 16	3 38	1 12	8 52	2 16	7 31	0 29	23 29	0 4	11 54	6 15	22 43	22 35	22 14		n.a.
T 24	23 33	12 47	4 2	18 6	3 19	24 29	1 35	6 15	1 15	3 39	1 12	8 52	2 16	7 30	0 29	23 29	0 4	11 54	6 15	22 42	22 35	22 14		n.a.
W25	23 36	7 58	4 43	18 23	3 6	24 20	1 36	6 30	1 15	3 40	1 12	8 51	2 15	7 30	0 29	23 29	0 3	11 54	6 15	22 42	22 35	22 13		n.a.
T 26	23 39	2 53	5 8	18 41	2 53	24 11	1 36	6 46	1 14	3 41	1 11	8 51	2 15	7 30	0 29	23 29	0 3	11 54	6 15	22 42	22 36	22 13		n.a.
F 27	23 42	2n12	5 15	19 1	2 39	24 1	1 36	7 1	1 14	3 41	1 11	8 51	2 15	7 30	0 29	23 29	0 3	11 54	6 14	22 43	22 36	22 13		n.a.
S 28	23 44	7 5	5 6	19 23	2 24	23 50	1 36	7 16	1 14	3 42	1 11	8 51	2 15	7 30	0 29	23 29	0 3	11 54	6 14	22 43	22 37	22 12		n.a.
S 29	23 46	11 35	4 42	19 45	2 10	23 39	1 36	7 32	1 13	3 43	1 10	8 50	2 14	7 29	0 29	23 29	0 3	11 53	6 14	22 43	22 37	22 12		n.a.
M30	23n47	15n31	4s 6	20n 8	1s55	23n27	1n36	7n47	1s13	3s45	1n10	8s50	2n14	7s29	0n29	23s30	0n 3	11s53	6n14	22n44	22n38	22n12		n.a.

Julian Day Number = 1370934.5, Delta T = 06h50m44s
Ecliptic obliquity = 23°48'32, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°19'25, Lahiri = -17°12'25 Julian Calendar 1 June 960 BCE == Greg. Calendar 23 May 960 BCE

The year -959 astronomical counting style corresponds to year 960 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 960 BCE
geocentric

JULY 960 BCE (-959) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 58 44	28♊27'46	8♊ 0	9♊20	23♋55	23♈12	12♎ 2	27°R58	19°R58	8°R12	19°R30	16°R48	17♋35	24♋13	n.a.	T 1
W 2	18 2 40	29°25'16	20° 6	10°26	25° 8	23°50	12° 5	27♎57	19♎58	8♑10	19♏29	16♋46	17°32	24°19	n.a.	W 2
T 3	18 6 37	0♋22'47	2♋ 3	11°38	26°21	24°29	12° 7	27°56	19°58	8° 9	19°28	16°44	17°28	24°26	n.a.	T 3
F 4	18 10 33	1°20'20	13°55	12°56	27°35	25° 8	12°10	27°55	19°58	8° 7	19°27	16°D44	17°25	24°33	n.a.	F 4
S 5	18 14 30	2°17'54	25°43	14°18	28°48	25°46	12°13	27°54	19°57	8° 5	19°26	16°44	17°22	24°39	n.a.	S 5
S 6	18 18 26	3°15'29	7♌29	15°46	0♌ 1	26°25	12°16	27°53	19°57	8° 4	19°25	16°45	17°19	24°46	n.a.	S 6
M 7	18 22 23	4°13'06	19°18	17°18	1°14	27° 3	12°19	27°53	19°57	8° 2	19°24	16°46	17°16	24°53	n.a.	M 7
T 8	18 26 19	5°10'43	1♍11	18°54	2°27	27°41	12°23	27°52	19°D57	8° 1	19°23	16°47	17°12	24°59	n.a.	T 8
W 9	18 30 16	6° 8'22	13°14	20°35	3°40	28°19	12°26	27°52	19°57	7°59	19°22	16°48	17° 9	25° 6	n.a.	W 9
T 10	18 34 13	7° 6'02	25°30	22°19	4°53	28°57	12°30	27°52	19°57	7°57	19°21	16°49	17° 6	25°13	n.a.	T 10
F 11	18 38 9	8° 3'43	8♎ 4	24° 7	6° 6	29°35	12°34	27°52	19°57	7°56	19°20	16°R49	17° 3	25°19	n.a.	F 11
S 12	18 42 6	9° 1'26	21° 0	25°58	7°18	0♉13	12°38	27°D52	19°57	7°54	19°20	16°49	17° 0	25°26	n.a.	S 12
S 13	18 46 2	9°59'09	4♏20	27°51	8°31	0°50	12°43	27°52	19°58	7°52	19°19	16°48	16°57	25°33	n.a.	S 13
M14	18 49 59	10°56'54	18° 8	29°46	9°44	1°28	12°47	27°52	19°58	7°51	19°18	16°48	16°53	25°39	n.a.	M14
T 15	18 53 55	11°54'41	2♐22	1♋42	10°57	2° 5	12°52	27°52	19°58	7°49	19°17	16°47	16°50	25°46	n.a.	T 15
W16	18 57 52	12°52'28	17° 1	3°40	12°10	2°42	12°56	27°52	19°58	7°47	19°16	16°47	16°47	25°52	n.a.	W16
T 17	19 1 48	13°50'18	1♑59	5°39	13°23	3°19	13° 1	27°53	19°59	7°46	19°16	16°46	16°44	25°59	n.a.	T 17
F 18	19 5 45	14°48'09	17° 8	7°39	14°35	3°56	13° 7	27°53	19°59	7°44	19°15	16°D46	16°41	26° 6	n.a.	F 18
S 19	19 9 42	15°46'01	2♒19	9°39	15°48	4°33	13°12	27°54	20° 0	7°43	19°14	16°46	16°38	26°12	n.a.	S 19
S 20	19 13 38	16°43'55	17°23	11°39	17° 1	5° 9	13°17	27°54	20° 0	7°41	19°14	16°R46	16°34	26°19	n.a.	S 20
M21	19 17 35	17°41'52	2♓11	13°38	18°14	5°46	13°23	27°55	20° 1	7°39	19°13	16°46	16°31	26°26	n.a.	M21
T 22	19 21 31	18°39'50	16°39	15°38	19°26	6°22	13°29	27°56	20° 2	7°38	19°12	16°46	16°28	26°32	n.a.	T 22
W23	19 25 28	19°37'50	0♈41	17°36	20°39	6°58	13°34	27°57	20° 2	7°36	19°12	16°46	16°25	26°39	n.a.	W23
T 24	19 29 24	20°35'52	14°17	19°34	21°52	7°34	13°40	27°58	20° 3	7°35	19°11	16°D46	16°22	26°46	n.a.	T 24
F 25	19 33 21	21°33'56	27°29	21°31	23° 4	8°10	13°47	27°59	20° 4	7°33	19°11	16°46	16°18	26°52	n.a.	F 25
S 26	19 37 17	22°32'02	10♉19	23°28	24°17	8°46	13°53	28° 1	20° 5	7°31	19°10	16°46	16°15	26°59	n.a.	S 26
S 27	19 41 14	23°30'11	22°50	25°23	25°29	9°21	13°59	28° 2	20° 6	7°30	19°10	16°47	16°12	27° 6	n.a.	S 27
M28	19 45 11	24°28'21	5♊ 6	27°17	26°42	9°57	14° 6	28° 3	20° 7	7°28	19° 9	16°47	16° 9	27°12	n.a.	M28
T 29	19 49 7	25°26'34	17°10	29°10	27°54	10°32	14°13	28° 5	20° 8	7°27	19° 9	16°48	16° 6	27°19	n.a.	T 29
W30	19 53 4	26°24'49	29° 6	1♌ 2	29° 7	11° 7	14°20	28° 7	20° 9	7°25	19° 9	16°49	16° 3	27°26	n.a.	W30
T 31	19 57 0	27♋23'06	10♋56	2♌53	0♍19	11♉42	14♎27	28♎ 8	20♎10	7♑24	19♏ 8	16°R49	15♋59	27♋32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n48	18n43	3s18	20n33	1s40	23n14	1n36	8n 2	1s12	3s46	1n10	8s50	2n14	7s29	0n29	23s30	0n 3	11s53	6n13	22n44	22n38	22n11		n.a.
W 2	23 48	21 4	2 22	20 57	1 25	23 0	1 36	8 17	1 12	3 47	1 9	8 50	2 14	7 29	0 29	23 30	0 3	11 53	6 13	22 44	22 38	22 11		n.a.
T 3	23 48	22 27	1 20	21 22	1 11	22 46	1 35	8 32	1 11	3 48	1 9	8 50	2 13	7 29	0 29	23 30	0 3	11 53	6 13	22 44	22 39	22 11		n.a.
F 4	23 48	22 49	0 16	21 46	0 56	22 31	1 35	8 47	1 11	3 50	1 9	8 50	2 13	7 29	0 29	23 30	0 3	11 53	6 13	22 45	22 39	22 10		n.a.
S 5	23 47	22 8	0n50	22 11	0 42	22 16	1 35	9 1	1 10	3 51	1 9	8 50	2 13	7 29	0 28	23 30	0 3	11 53	6 12	22 45	22 40	22 10		n.a.
S 6	23 46	20 30	1 53	22 35	0 28	22 0	1 34	9 16	1 10	3 53	1 8	8 50	2 13	7 29	0 28	23 30	0 3	11 53	6 12	22 44	22 40	22 10		n.a.
M 7	23 44	17 58	2 51	22 57	0 14	21 43	1 34	9 30	1 9	3 54	1 8	8 50	2 12	7 29	0 28	23 30	0 3	11 53	6 12	22 44	22 41	22 9		n.a.
T 8	23 42	14 40	3 43	23 19	0 1	21 25	1 33	9 45	1 9	3 56	1 8	8 50	2 12	7 29	0 28	23 30	0 3	11 53	6 12	22 44	22 41	22 9		n.a.
W 9	23 40	10 45	4 25	23 40	0n11	21 7	1 32	9 59	1 8	3 57	1 7	8 50	2 12	7 29	0 28	23 31	0 3	11 53	6 11	22 44	22 41	22 9		n.a.
T 10	23 37	6 20	4 56	23 58	0 23	20 49	1 31	10 13	1 8	3 59	1 7	8 50	2 12	7 29	0 28	23 31	0 3	11 53	6 11	22 44	22 42	22 8		n.a.
F 11	23 34	1 33	5 14	24 15	0 34	20 30	1 30	10 27	1 7	4 1	1 7	8 50	2 11	7 29	0 28	23 31	0 3	11 53	6 11	22 44	22 42	22 8		n.a.
S 12	23 30	3s26	5 17	24 30	0 45	20 10	1 29	10 41	1 6	4 3	1 6	8 50	2 11	7 29	0 28	23 31	0 3	11 53	6 11	22 44	22 43	22 7		n.a.
S 13	23 26	8 25	5 3	24 42	0 54	19 50	1 28	10 55	1 6	4 5	1 6	8 51	2 11	7 29	0 28	23 31	0 3	11 53	6 10	22 44	22 43	22 7		n.a.
M14	23 21	13 9	4 32	24 52	1 3	19 29	1 27	11 9	1 5	4 7	1 6	8 51	2 10	7 29	0 28	23 31	0 3	11 53	6 10	22 44	22 43	22 7		n.a.
T 15	23 16	17 19	3 43	24 59	1 11	19 8	1 26	11 22	1 5	4 9	1 6	8 51	2 10	7 29	0 28	23 31	0 3	11 53	6 10	22 44	22 44	22 6		n.a.
W16	23 10	20 32	2 38	25 4	1 19	18 46	1 25	11 36	1 4	4 11	1 5	8 52	2 10	7 30	0 28	23 31	0 3	11 53	6 10	22 44	22 44	22 6		n.a.
T 17	23 5	22 26	1 21	25 6	1 25	18 24	1 23	11 49	1 3	4 13	1 5	8 52	2 10	7 30	0 28	23 31	0 3	11 53	6 9	22 44	22 45	22 5		n.a.
F 18	22 58	22 44	0s 2	25 5	1 30	18 1	1 22	12 2	1 3	4 16	1 5	8 52	2 9	7 30	0 28	23 32	0 3	11 53	6 9	22 44	22 45	22 5		n.a.
S 19	22 52	21 20	1 25	25 2	1 35	17 37	1 21	12 16	1 2	4 18	1 5	8 53	2 9	7 30	0 28	23 32	0 3	11 53	6 9	22 44	22 45	22 5		n.a.
S 20	22 45	18 26	2 42	24 56	1 39	17 14	1 19	12 29	1 2	4 20	1 4	8 53	2 9	7 30	0 28	23 32	0 3	11 53	6 9	22 44	22 46	22 4		n.a.
M21	22 37	14 22	3 47	24 48	1 42	16 49	1 17	12 41	1 1	4 23	1 4	8 54	2 9	7 31	0 28	23 32	0 3	11 54	6 8	22 44	22 46	22 4		n.a.
T 22	22 29	9 34	4 35	24 37	1 45	16 25	1 16	12 54	1 0	4 25	1 4	8 54	2 8	7 31	0 28	23 32	0 3	11 54	6 8	22 44	22 47	22 3		n.a.
W23	22 21	4 23	5 6	24 23	1 46	16 0	1 14	13 7	1 0	4 28	1 3	8 55	2 8	7 31	0 28	23 32	0 3	11 54	6 8	22 44	22 47	22 3		n.a.
T 24	22 12	0n51	5 18	24 8	1 47	15 34	1 12	13 19	0 59	4 31	1 3	8 56	2 8	7 32	0 28	23 32	0 3	11 54	6 7	22 44	22 47	22 2		n.a.
F 25	22 3	5 53	5 12	23 50	1 48	15 8	1 10	13 32	0 58	4 33	1 3	8 56	2 8	7 32	0 28	23 32	0 3	11 54	6 7	22 44	22 48	22 2		n.a.
S 26	21 54	10 32	4 52	23 30	1 47	14 42	1 8	13 44	0 57	4 36	1 3	8 57	2 7	7 32	0 28	23 32	0 3	11 54	6 7	22 44	22 48	22 2		n.a.
S 27	21 44	14 37	4 17	23 8	1 47	14 15	1 6	13 56	0 57	4 39	1 2	8 58	2 7	7 33	0 28	23 33	0 3	11 54	6 7	22 44	22 49	22 1		n.a.
M28	21 33	18 1	3 32	22 45	1 45	13 48	1 4	14 8	0 56	4 42	1 2	8 58	2 7	7 33	0 28	23 33	0 3	11 55	6 6	22 44	22 49	22 1		n.a.
T 29	21 23	20 34	2 37	22 19	1 43	13 21	1 2	14 20	0 55	4 44	1 2	8 59	2 7	7 34	0 28	23 33	0 3	11 55	6 6	22 44	22 49	22 0		n.a.
W30	21 12	22 11	1 37	21 53	1 41	12 53	0 59	14 32	0 55	4 47	1 2	9 0	2 6	7 34	0 28	23 33	0 3	11 55	6 6	22 44	22 50	22 0		n.a.
T 31	21n 0	22n49	0s33	21n24	1n38	12n25	0n57	14n44	0s54	4s50	1n 1	9s 1	2n 6	7s35	0n28	23s33	0n 3	11s55	6n 5	22n44	22n50	21n59		n.a.

Julian Day Number = 1370964.5, Delta T = 06h50m42s
Ecliptic obliquity = 23°48'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°19'21, Lahiri = -17°12'21 Julian Calendar 1 July 960 BCE == Greg. Calendar 22 June 960 BCE

The year -959 astronomical counting style corresponds to year 960 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 960 BCE
geocentric

AUGUST 960 BCE (-959) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 0 57	28♋21'25	22♋43	4♌43	1♍32	12♉17	14♎34	28♎10	20♎11	7°R22	19°R 8	16°R49	15♋56	27♋39	n.a.	F 1
S 2	20 4 53	29°19'45	4♌31	6°31	2°44	12°51	14°41	28°12	20°13	7♑21	19♏ 8	16♋49	15°53	27°46	n.a.	S 2
S 3	20 8 50	0♌18'08	16°20	8°18	3°57	13°26	14°49	28°14	20°14	7°19	19° 7	16°48	15°50	27°52	n.a.	S 3
M 4	20 12 46	1°16'33	28°13	10° 5	5° 9	14° 0	14°56	28°16	20°15	7°18	19° 7	16°46	15°47	27°59	n.a.	M 4
T 5	20 16 43	2°14'59	10♍12	11°50	6°21	14°34	15° 4	28°19	20°17	7°16	19° 7	16°43	15°44	28° 5	n.a.	T 5
W 6	20 20 40	3°13'28	22°20	13°34	7°34	15° 8	15°12	28°21	20°18	7°15	19° 7	16°41	15°40	28°12	n.a.	W 6
T 7	20 24 36	4°11'58	4♎40	15°16	8°46	15°41	15°20	28°23	20°19	7°13	19° 7	16°39	15°37	28°19	n.a.	T 7
F 8	20 28 33	5°10'30	17°15	16°58	9°58	16°15	15°28	28°26	20°21	7°12	19° 7	16°37	15°34	28°25	n.a.	F 8
S 9	20 32 29	6° 9'03	0♏ 8	18°39	11°10	16°48	15°36	28°28	20°23	7°11	19° 7	16°D36	15°31	28°32	n.a.	S 9
S 10	20 36 26	7° 7'39	13°22	20°18	12°22	17°21	15°45	28°31	20°24	7° 9	19°D 7	16°36	15°28	28°39	n.a.	S 10
M11	20 40 22	8° 6'16	26°59	21°56	13°34	17°54	15°53	28°34	20°26	7° 8	19° 7	16°37	15°24	28°45	n.a.	M11
T 12	20 44 19	9° 4'55	11♐ 1	23°34	14°47	18°27	16° 2	28°36	20°28	7° 7	19° 7	16°38	15°21	28°52	n.a.	T 12
W13	20 48 15	10° 3'36	25°27	25°10	15°59	18°59	16°11	28°39	20°29	7° 5	19° 7	16°40	15°18	28°59	n.a.	W13
T 14	20 52 12	11° 2'19	10♑15	26°46	17°11	19°32	16°19	28°42	20°31	7° 4	19° 7	16°R40	15°15	29° 5	n.a.	T 14
F 15	20 56 8	12° 1'04	25°19	28°20	18°22	20° 4	16°28	28°46	20°33	7° 3	19° 7	16°40	15°12	29°12	n.a.	F 15
S 16	21 0 5	12°59'51	10♒31	29°53	19°34	20°36	16°38	28°49	20°35	7° 1	19° 7	16°39	15° 9	29°19	n.a.	S 16
S 17	21 4 2	13°58'40	25°41	1♍26	20°46	21° 7	16°47	28°52	20°37	7° 0	19° 7	16°36	15° 5	29°25	n.a.	S 17
M18	21 7 58	14°57'31	10♓39	2°57	21°58	21°39	16°56	28°55	20°39	6°59	19° 8	16°33	15° 2	29°32	n.a.	M18
T 19	21 11 55	15°56'24	25°18	4°27	23°10	22°10	17° 6	28°59	20°41	6°58	19° 8	16°28	14°59	29°39	n.a.	T 19
W20	21 15 51	16°55'20	9♈32	5°57	24°21	22°41	17°15	29° 2	20°43	6°57	19° 8	16°24	14°56	29°45	n.a.	W20
T 21	21 19 48	17°54'18	23°17	7°25	25°33	23°12	17°25	29° 6	20°45	6°56	19° 8	16°21	14°53	29°52	n.a.	T 21
F 22	21 23 44	18°53'19	6♉34	8°52	26°45	23°42	17°34	29° 9	20°47	6°54	19° 9	16°19	14°49	29°58	n.a.	F 22
S 23	21 27 41	19°52'22	19°25	10°19	27°56	24°12	17°44	29°13	20°50	6°53	19° 9	16°D18	14°46	0♌ 5	n.a.	S 23
S 24	21 31 37	20°51'27	1♊54	11°44	29° 8	24°43	17°54	29°17	20°52	6°52	19°10	16°19	14°43	0°12	n.a.	S 24
M25	21 35 34	21°50'35	14° 6	13° 8	0♎19	25°12	18° 4	29°21	20°54	6°51	19°10	16°20	14°40	0°18	n.a.	M25
T 26	21 39 31	22°49'46	26° 4	14°32	1°31	25°42	18°15	29°25	20°57	6°50	19°11	16°22	14°37	0°25	n.a.	T 26
W27	21 43 27	23°48'58	7♋55	15°54	2°42	26°11	18°25	29°29	20°59	6°49	19°11	16°23	14°34	0°32	n.a.	W27
T 28	21 47 24	24°48'14	19°42	17°15	3°54	26°40	18°35	29°33	21° 1	6°48	19°12	16°R24	14°30	0°38	n.a.	T 28
F 29	21 51 20	25°47'31	1♌29	18°35	5° 5	27° 9	18°46	29°37	21° 4	6°47	19°12	16°22	14°27	0°45	n.a.	F 29
S 30	21 55 17	26°46'51	13°18	19°53	6°16	27°37	18°56	29°42	21° 6	6°46	19°13	16°19	14°24	0°52	n.a.	S 30
S 31	21 59 13	27♌46'13	25♌13	21♍10	7♎27	28♉ 6	19♎ 7	29♎46	21♎ 9	6♑45	19♏13	16♋14	14♋21	0♌58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n49	22n24	0n33	20n55	1n35	11n57	0n55	14n55	0s53	4s53	1n 1	9s 2	2n 6	7s35	0n28	23s33	0n 3	11s55	6n 5	22n44	22n50	21n59		n.a.
S 2	20 36	20 59	1 37	20 24	1 31	11 28	0 52	15 6	0 52	4 57	1 1	9 3	2 6	7 36	0 28	23 33	0 3	11 55	6 5	22 44	22 51	21 58		n.a.
S 3	20 24	18 40	2 36	19 52	1 27	10 59	0 50	15 18	0 51	5 0	1 1	9 4	2 5	7 36	0 28	23 33	0 3	11 56	6 5	22 44	22 51	21 58		n.a.
M 4	20 11	15 33	3 30	19 19	1 23	10 30	0 47	15 29	0 51	5 3	1 0	9 5	2 5	7 37	0 28	23 33	0 3	11 56	6 4	22 44	22 52	21 57		n.a.
T 5	19 58	11 46	4 14	18 45	1 18	10 0	0 44	15 40	0 50	5 6	1 0	9 6	2 5	7 37	0 27	23 33	0 3	11 56	6 4	22 45	22 52	21 57		n.a.
W 6	19 44	7 29	4 48	18 10	1 13	9 31	0 42	15 51	0 49	5 9	1 0	9 7	2 5	7 38	0 27	23 34	0 3	11 56	6 4	22 45	22 52	21 56		n.a.
T 7	19 30	2 50	5 9	17 35	1 8	9 1	0 39	16 1	0 48	5 13	1 0	9 8	2 4	7 38	0 27	23 34	0 3	11 57	6 3	22 45	22 53	21 56		n.a.
F 8	19 16	2s 1	5 16	16 58	1 2	8 30	0 36	16 12	0 47	5 16	0 59	9 9	2 4	7 39	0 27	23 34	0 3	11 57	6 3	22 45	22 53	21 55		n.a.
S 9	19 1	6 54	5 7	16 22	0 56	8 0	0 33	16 22	0 46	5 20	0 59	9 10	2 4	7 40	0 27	23 34	0 3	11 57	6 3	22 46	22 53	21 55		n.a.
S 10	18 47	11 37	4 42	15 44	0 50	7 29	0 30	16 33	0 46	5 23	0 59	9 11	2 4	7 40	0 27	23 34	0 3	11 57	6 3	22 46	22 54	21 54		n.a.
M11	18 31	15 53	4 1	15 6	0 44	6 59	0 27	16 43	0 45	5 27	0 59	9 13	2 3	7 41	0 27	23 34	0 3	11 58	6 2	22 45	22 54	21 53		n.a.
T 12	18 16	19 24	3 4	14 28	0 37	6 28	0 24	16 53	0 44	5 30	0 58	9 14	2 3	7 42	0 27	23 34	0 3	11 58	6 2	22 45	22 55	21 53		n.a.
W13	18 0	21 49	1 54	13 49	0 31	5 56	0 21	17 3	0 43	5 34	0 58	9 15	2 3	7 42	0 27	23 34	0 3	11 58	6 2	22 45	22 55	21 52		n.a.
T 14	17 44	22 49	0 35	13 10	0 24	5 25	0 18	17 13	0 42	5 38	0 58	9 16	2 3	7 43	0 27	23 34	0 3	11 59	6 1	22 45	22 55	21 52		n.a.
F 15	17 27	22 11	0s47	12 30	0 17	4 54	0 15	17 22	0 41	5 41	0 58	9 18	2 2	7 44	0 27	23 34	0 3	11 59	6 1	22 45	22 56	21 51		n.a.
S 16	17 10	19 55	2 7	11 51	0 10	4 22	0 12	17 32	0 40	5 45	0 57	9 19	2 2	7 44	0 27	23 34	0 3	11 59	6 1	22 45	22 56	21 51		n.a.
S 17	16 53	16 15	3 18	11 11	0 3	3 51	0 8	17 41	0 39	5 49	0 57	9 20	2 2	7 45	0 27	23 34	0 3	12 0	6 1	22 46	22 56	21 50		n.a.
M18	16 36	11 36	4 14	10 31	0s 4	3 19	0 5	17 50	0 38	5 53	0 57	9 22	2 2	7 46	0 27	23 35	0 3	12 0	6 0	22 46	22 57	21 49		n.a.
T 19	16 18	6 21	4 52	9 51	0 12	2 47	0 2	18 0	0 37	5 56	0 57	9 23	2 1	7 47	0 27	23 35	0 3	12 0	6 0	22 47	22 57	21 49		n.a.
W20	16 0	0 55	5 11	9 11	0 19	2 15	0s 2	18 9	0 36	6 0	0 57	9 25	2 1	7 48	0 27	23 35	0 3	12 1	6 0	22 47	22 58	21 48		n.a.
T 21	15 42	4n23	5 11	8 30	0 27	1 43	0 5	18 17	0 35	6 4	0 56	9 26	2 1	7 49	0 27	23 35	0 3	12 1	5 59	22 47	22 58	21 48		n.a.
F 22	15 24	9 18	4 54	7 50	0 34	1 11	0 8	18 26	0 34	6 8	0 56	9 28	2 1	7 49	0 27	23 35	0 3	12 1	5 59	22 48	22 58	21 47		n.a.
S 23	15 5	13 39	4 23	7 10	0 42	0 39	0 12	18 35	0 33	6 12	0 56	9 29	2 1	7 50	0 27	23 35	0 3	12 2	5 59	22 48	22 59	21 46		n.a.
S 24	14 46	17 17	3 40	6 31	0 49	0 7	0 15	18 43	0 32	6 16	0 56	9 31	2 0	7 51	0 27	23 35	0 3	12 2	5 58	22 48	22 59	21 46		n.a.
M25	14 27	20 4	2 47	5 51	0 57	0s25	0 19	18 51	0 31	6 20	0 56	9 33	2 0	7 52	0 27	23 35	0 3	12 3	5 58	22 48	22 59	21 45		n.a.
T 26	14 7	21 56	1 49	5 11	1 5	0 57	0 23	19 0	0 30	6 25	0 55	9 34	2 0	7 53	0 27	23 35	0 3	12 3	5 58	22 47	23 0	21 45		n.a.
W27	13 47	22 48	0 46	4 32	1 12	1 29	0 26	19 8	0 29	6 29	0 55	9 36	2 0	7 54	0 27	23 35	0 3	12 3	5 58	22 47	23 0	21 44		n.a.
T 28	13 27	22 38	0n18	3 53	1 20	2 1	0 30	19 16	0 28	6 33	0 55	9 38	1 59	7 55	0 27	23 35	0 3	12 4	5 57	22 47	23 0	21 43		n.a.
F 29	13 7	21 27	1 21	3 15	1 27	2 33	0 33	19 23	0 27	6 37	0 55	9 39	1 59	7 56	0 27	23 35	0 3	12 4	5 57	22 47	23 1	21 43		n.a.
S 30	12 47	19 20	2 21	2 37	1 35	3 5	0 37	19 31	0 26	6 41	0 55	9 41	1 59	7 57	0 27	23 35	0 3	12 5	5 57	22 48	23 1	21 42		n.a.
S 31	12n26	16n22	3n15	1n59	1s42	3s37	0s41	19n39	0s24	6s46	0n54	9s43	1n59	7s58	0n27	23s35	0n 3	12s 5	5n56	22n48	23n 1	21n41		n.a.

Julian Day Number = 1370995.5, Delta T = 06h50m41s
Ecliptic obliquity = 23°48'32, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°19'17, Lahiri = -17°12'16 Julian Calendar 1 Aug. 960 BCE == Greg. Calendar 23 July 960 BCE

The year -959 astronomical counting style corresponds to year 960 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 960 BCE
geocentric

SEPTEMBER 960 BCE (-959) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 3 10	28♌45'37	7♍15	22♍26	8♎38	28♉34	19♎18	29♎51	21♎11	6°R45	19♏14	16°R 7	14♋18	1♌ 5	n.a.	M 1
T 2	22 7 6	29°45'04	19°26	23°41	9°50	29° 1	19°28	29°55	21°14	6♐44	19°15	15♋59	14°15	1°12	n.a.	T 2
W 3	22 11 3	0♍44'32	1♎46	24°53	11° 1	29°28	19°39	29°59	21°17	6°43	19°16	15°50	14°11	1°18	n.a.	W 3
T 4	22 14 59	1°44'02	14°18	26° 4	12°12	29°55	19°50	0♏ 4	21°19	6°42	19°16	15°42	14° 8	1°25	n.a.	T 4
F 5	22 18 56	2°43'35	27° 1	27°14	13°22	0♊22	20° 1	0° 9	21°22	6°41	19°17	15°36	14° 5	1°32	n.a.	F 5
S 6	22 22 53	3°43'09	9♏59	28°21	14°33	0°48	20°13	0°14	21°25	6°41	19°18	15°31	14° 2	1°38	n.a.	S 6
S 7	22 26 49	4°42'46	23°12	29°26	15°44	1°15	20°24	0°19	21°28	6°40	19°19	15°28	13°59	1°45	n.a.	S 7
M 8	22 30 46	5°42'24	6♐42	0♎29	16°55	1°40	20°35	0°24	21°31	6°39	19°20	15°D28	13°55	1°52	n.a.	M 8
T 9	22 34 42	6°42'04	20°32	1°30	18° 5	2° 6	20°47	0°29	21°33	6°39	19°21	15°28	13°52	1°58	n.a.	T 9
W10	22 38 39	7°41'46	4♑42	2°27	19°16	2°31	20°58	0°34	21°36	6°38	19°22	15°29	13°49	2° 5	n.a.	W10
T 11	22 42 35	8°41'30	19°10	3°22	20°26	2°55	21°10	0°39	21°39	6°38	19°23	15°R30	13°46	2°12	n.a.	T 11
F 12	22 46 32	9°41'16	3♒55	4°13	21°37	3°20	21°21	0°44	21°42	6°37	19°24	15°28	13°43	2°18	n.a.	F 12
S 13	22 50 28	10°41'03	18°51	5° 1	22°47	3°44	21°33	0°49	21°45	6°37	19°25	15°24	13°40	2°25	n.a.	S 13
S 14	22 54 25	11°40'53	3♓50	5°44	23°57	4° 7	21°45	0°55	21°48	6°36	19°26	15°18	13°36	2°31	n.a.	S 14
M15	22 58 21	12°40'44	18°43	6°23	25° 8	4°30	21°57	1° 0	21°51	6°36	19°27	15°10	13°33	2°38	n.a.	M15
T 16	23 2 18	13°40'38	3♈22	6°57	26°18	4°53	22° 9	1° 5	21°55	6°35	19°28	15° 1	13°30	2°45	n.a.	T 16
W17	23 6 15	14°40'34	17°40	7°26	27°28	5°16	22°21	1°11	21°58	6°35	19°29	14°51	13°27	2°51	n.a.	W17
T 18	23 10 11	15°40'32	1♉30	7°48	28°38	5°38	22°33	1°16	22° 1	6°35	19°30	14°43	13°24	2°58	n.a.	T 18
F 19	23 14 8	16°40'32	14°53	8° 4	29°47	6° 0	22°45	1°22	22° 4	6°34	19°31	14°36	13°21	3° 5	n.a.	F 19
S 20	23 18 4	17°40'35	27°48	8°13	0♏57	6°21	22°57	1°28	22° 7	6°34	19°33	14°32	13°17	3°11	n.a.	S 20
S 21	23 22 1	18°40'40	10♊20	8°R14	2° 7	6°42	23° 9	1°33	22°10	6°34	19°34	14°30	13°14	3°18	n.a.	S 21
M22	23 25 57	19°40'47	22°32	8° 7	3°16	7° 2	23°22	1°39	22°14	6°34	19°35	14°D29	13°11	3°25	n.a.	M22
T 23	23 29 54	20°40'56	4♋31	7°51	4°26	7°22	23°34	1°45	22°17	6°33	19°36	14°30	13° 8	3°31	n.a.	T 23
W24	23 33 50	21°41'08	16°20	7°26	5°35	7°41	23°46	1°51	22°20	6°33	19°38	14°R30	13° 5	3°38	n.a.	W24
T 25	23 37 47	22°41'22	28° 7	6°51	6°44	8° 0	23°59	1°57	22°24	6°33	19°39	14°29	13° 1	3°45	n.a.	T 25
F 26	23 41 44	23°41'38	9♌55	6° 7	7°53	8°19	24°12	2° 3	22°27	6°33	19°41	14°26	12°58	3°51	n.a.	F 26
S 27	23 45 40	24°41'57	21°49	5°14	9° 2	8°37	24°24	2° 9	22°30	6°33	19°42	14°20	12°55	3°58	n.a.	S 27
S 28	23 49 37	25°42'17	3♍51	4°12	10°11	8°54	24°37	2°15	22°34	6°D33	19°43	14°11	12°52	4° 5	n.a.	S 28
M29	23 53 33	26°42'39	16° 5	3° 3	11°20	9°11	24°50	2°21	22°37	6°33	19°45	14° 0	12°49	4°11	n.a.	M29
T 30	23 57 30	27♍43'03	28♍30	1♎49	12♏29	9♊28	25♎ 2	2♏27	22♎41	6♐33	19♏46	13♋47	12♋46	4♌18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n 5	12n42	4n 1	1n23	1s49	4s 9	0s44	19n46	0s23	6s50	0n54	9s44	1n59	7s59	0n27	23s36	0n 3	12s 6	5n56	22n49	23n 2	21n41		n.a.
T 2	11 44	8 28	4 36	0 46	1 57	4 41	0 48	19 53	0 22	6 54	0 54	9 46	1 58	8 0	0 27	23 36	0 3	12 6	5 56	22 50	23 2	21 40		n.a.
W 3	11 23	3 51	4 59	0 10	2 4	5 13	0 52	20 1	0 21	6 59	0 54	9 48	1 58	8 1	0 27	23 36	0 3	12 7	5 56	22 51	23 2	21 39		n.a.
T 4	11 1	1s 0	5 8	0s24	2 11	5 44	0 56	20 8	0 20	7 3	0 54	9 50	1 58	8 2	0 27	23 36	0 3	12 7	5 55	22 52	23 3	21 39		n.a.
F 5	10 40	5 53	5 2	0 58	2 17	6 16	0 59	20 15	0 18	7 7	0 53	9 52	1 58	8 3	0 27	23 36	0 3	12 8	5 55	22 53	23 3	21 38		n.a.
S 6	10 18	10 36	4 41	1 32	2 24	6 47	1 3	20 21	0 17	7 12	0 53	9 54	1 58	8 4	0 27	23 36	0 2	12 8	5 55	22 53	23 3	21 37		n.a.
S 7	9 56	14 55	4 4	2 4	2 30	7 18	1 7	20 28	0 16	7 16	0 53	9 56	1 57	8 5	0 27	23 36	0 2	12 9	5 54	22 54	23 4	21 37		n.a.
M 8	9 34	18 35	3 13	2 34	2 36	7 49	1 10	20 35	0 15	7 21	0 53	9 58	1 57	8 6	0 27	23 36	0 2	12 9	5 54	22 54	23 4	21 36		n.a.
T 9	9 11	21 18	2 10	3 4	2 42	8 20	1 14	20 41	0 13	7 25	0 53	9 59	1 57	8 7	0 26	23 36	0 2	12 10	5 54	22 54	23 4	21 35		n.a.
W10	8 49	22 46	0 58	3 32	2 47	8 51	1 18	20 47	0 12	7 30	0 53	10 1	1 57	8 8	0 26	23 36	0 2	12 10	5 54	22 54	23 5	21 34		n.a.
T 11	8 26	22 44	0s20	3 59	2 52	9 22	1 22	20 54	0 11	7 34	0 52	10 3	1 57	8 10	0 26	23 36	0 2	12 11	5 53	22 54	23 5	21 34		n.a.
F 12	8 3	21 9	1 37	4 24	2 56	9 52	1 25	21 0	0 9	7 39	0 52	10 5	1 56	8 11	0 26	23 36	0 2	12 11	5 53	22 54	23 5	21 33		n.a.
S 13	7 40	18 5	2 49	4 46	3 0	10 22	1 29	21 6	0 8	7 44	0 52	10 7	1 56	8 12	0 26	23 36	0 2	12 12	5 53	22 54	23 6	21 32		n.a.
S 14	7 17	13 48	3 49	5 7	3 4	10 52	1 33	21 11	0 7	7 48	0 52	10 9	1 56	8 13	0 26	23 36	0 2	12 12	5 52	22 55	23 6	21 32		n.a.
M15	6 54	8 42	4 33	5 25	3 7	11 21	1 36	21 17	0 5	7 53	0 52	10 12	1 56	8 14	0 26	23 36	0 2	12 13	5 52	22 56	23 6	21 31		n.a.
T 16	6 31	3 12	4 59	5 41	3 9	11 51	1 40	21 23	0 4	7 57	0 51	10 14	1 56	8 15	0 26	23 36	0 2	12 13	5 52	22 57	23 7	21 30		n.a.
W17	6 7	2n21	5 4	5 53	3 10	12 20	1 43	21 28	0 2	8 2	0 51	10 16	1 56	8 17	0 26	23 36	0 2	12 14	5 52	22 58	23 7	21 29		n.a.
T 18	5 44	7 37	4 52	6 3	3 10	12 49	1 47	21 34	0 1	8 7	0 51	10 18	1 55	8 18	0 26	23 36	0 2	12 15	5 51	22 59	23 7	21 29		n.a.
F 19	5 20	12 21	4 24	6 9	3 10	13 17	1 50	21 39	0n 1	8 12	0 51	10 20	1 55	8 19	0 26	23 36	0 2	12 15	5 51	23 0	23 8	21 28		n.a.
S 20	4 57	16 22	3 43	6 10	3 8	13 45	1 54	21 44	0 2	8 16	0 51	10 22	1 55	8 20	0 26	23 36	0 2	12 16	5 51	23 0	23 8	21 27		n.a.
S 21	4 33	19 30	2 52	6 8	3 5	14 13	1 57	21 50	0 4	8 21	0 51	10 24	1 55	8 22	0 26	23 36	0 2	12 16	5 51	23 0	23 8	21 26		n.a.
M22	4 9	21 41	1 55	6 1	3 0	14 41	2 1	21 55	0 5	8 26	0 51	10 26	1 55	8 23	0 26	23 36	0 2	12 17	5 50	23 0	23 9	21 26		n.a.
T 23	3 45	22 51	0 53	5 49	2 54	15 8	2 4	22 0	0 7	8 31	0 50	10 29	1 55	8 24	0 26	23 36	0 2	12 17	5 50	23 0	23 9	21 25		n.a.
W24	3 21	22 57	0n10	5 32	2 46	15 35	2 8	22 4	0 9	8 35	0 50	10 31	1 54	8 25	0 26	23 36	0 2	12 18	5 50	23 0	23 9	21 24		n.a.
T 25	2 57	22 2	1 12	5 9	2 37	16 2	2 11	22 9	0 10	8 40	0 50	10 33	1 54	8 27	0 26	23 36	0 2	12 19	5 50	23 0	23 10	21 23		n.a.
F 26	2 32	20 8	2 11	4 41	2 25	16 28	2 14	22 14	0 12	8 45	0 50	10 35	1 54	8 28	0 26	23 36	0 2	12 19	5 49	23 1	23 10	21 22		n.a.
S 27	2 8	17 21	3 5	4 8	2 12	16 54	2 17	22 18	0 14	8 50	0 50	10 37	1 54	8 29	0 26	23 36	0 2	12 20	5 49	23 1	23 10	21 22		n.a.
S 28	1 44	13 49	3 51	3 29	1 57	17 19	2 20	22 23	0 15	8 55	0 50	10 40	1 54	8 30	0 26	23 36	0 2	12 21	5 49	23 2	23 11	21 21		n.a.
M29	1 20	9 39	4 26	2 46	1 40	17 44	2 23	22 27	0 17	9 0	0 50	10 42	1 54	8 32	0 26	23 37	0 2	12 21	5 49	23 4	23 11	21 20		n.a.
T 30	0n55	5n 2	4n50	1s59	1s22	18s 8	2s26	22n31	0n19	9s 4	0n49	10s44	1n53	8s33	0n26	23s37	0n 2	12s22	5n48	23n 5	23n11	21n19		n.a.

Julian Day Number = 1371026.5, Delta T = 06h50m39s
Ecliptic obliquity = 23°48'33, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°19'13, Lahiri = -17°12'12 Julian Calendar 1 Sept. 960 BCE == Greg. Calendar 23 Aug. 960 BCE

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ASTRODIENST EPHEMERIS for the year 960 BCE
geocentric

OCTOBER 960 BCE (-959) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 1 26	28♍43'29	11♎ 8	0°R31	13♏37	9♊44	25♎15	2♏33	22♎44	6♑33	19♏48	13°R34	12♋42	4♌25	n.a.	W 1
T 2	0 5 23	29°43'56	23°58	29♍12	14°46	9°59	25°28	2°39	22°48	6°33	19°49	13♋21	12°39	4°31	n.a.	T 2
F 3	0 9 19	0♎44'26	7♏ 0	27°54	15°54	10°14	25°41	2°46	22°51	6°33	19°51	13°10	12°36	4°38	n.a.	F 3
S 4	0 13 16	1°44'56	20°13	26°40	17° 2	10°28	25°54	2°52	22°55	6°34	19°53	13° 1	12°33	4°45	n.a.	S 4
S 5	0 17 12	2°45'29	3♐36	25°32	18°10	10°42	26° 7	2°58	22°58	6°34	19°54	12°56	12°30	4°51	n.a.	S 5
M 6	0 21 9	3°46'03	17°11	24°32	19°18	10°55	26°20	3° 5	23° 2	6°34	19°56	12°53	12°26	4°58	n.a.	M 6
T 7	0 25 6	4°46'39	0♑58	23°42	20°26	11° 7	26°33	3°11	23° 5	6°34	19°58	12°52	12°23	5° 5	n.a.	T 7
W 8	0 29 2	5°47'15	14°56	23° 2	21°34	11°19	26°46	3°18	23° 9	6°35	19°59	12°52	12°20	5°11	n.a.	W 8
T 9	0 32 59	6°47'54	29° 7	22°35	22°41	11°30	26°59	3°24	23°12	6°35	20° 1	12°51	12°17	5°18	n.a.	T 9
F 10	0 36 55	7°48'33	13♒30	22°19	23°48	11°41	27°12	3°31	23°16	6°36	20° 3	12°49	12°14	5°25	n.a.	F 10
S 11	0 40 52	8°49'14	28° 0	22°D15	24°55	11°51	27°26	3°37	23°20	6°36	20° 4	12°44	12°11	5°31	n.a.	S 11
S 12	0 44 48	9°49'56	12♓35	22°21	26° 2	12° 0	27°39	3°44	23°23	6°36	20° 6	12°36	12° 7	5°38	n.a.	S 12
M13	0 48 45	10°50'39	27° 7	22°38	27° 9	12° 9	27°52	3°50	23°27	6°37	20° 8	12°25	12° 4	5°44	n.a.	M13
T 14	0 52 41	11°51'24	11♈30	23° 5	28°15	12°17	28° 5	3°57	23°31	6°38	20°10	12°13	12° 1	5°51	n.a.	T 14
W15	0 56 38	12°52'10	25°37	23°40	29°22	12°24	28°19	4° 4	23°34	6°38	20°12	12° 0	11°58	5°58	n.a.	W15
T 16	1 0 35	13°52'58	9♉22	24°23	0♐28	12°31	28°32	4°10	23°38	6°39	20°13	11°48	11°55	6° 4	n.a.	T 16
F 17	1 4 31	14°53'47	22°43	25°13	1°34	12°37	28°46	4°17	23°42	6°39	20°15	11°39	11°52	6°11	n.a.	F 17
S 18	1 8 28	15°54'38	5♊40	26° 9	2°39	12°42	28°59	4°24	23°45	6°40	20°17	11°32	11°48	6°18	n.a.	S 18
S 19	1 12 24	16°55'31	18°13	27°10	3°45	12°46	29°12	4°31	23°49	6°41	20°19	11°28	11°45	6°24	n.a.	S 19
M20	1 16 21	17°56'25	0♋28	28°16	4°50	12°50	29°26	4°37	23°53	6°41	20°21	11°26	11°42	6°31	n.a.	M20
T 21	1 20 17	18°57'21	12°28	29°26	5°55	12°53	29°39	4°44	23°56	6°42	20°23	11°26	11°39	6°38	n.a.	T 21
W22	1 24 14	19°58'18	24°19	0♎39	7° 0	12°55	29°53	4°51	24° 0	6°43	20°25	11°26	11°36	6°44	n.a.	W22
T 23	1 28 10	20°59'17	6♌ 7	1°55	8° 4	12°56	0♏ 7	4°58	24° 4	6°44	20°27	11°25	11°32	6°51	n.a.	T 23
F 24	1 32 7	22° 0'17	17°56	3°14	9° 8	12°R57	0°20	5° 5	24° 8	6°45	20°29	11°22	11°29	6°58	n.a.	F 24
S 25	1 36 4	23° 1'18	29°53	4°35	10°12	12°56	0°34	5°12	24°11	6°46	20°31	11°17	11°26	7° 4	n.a.	S 25
S 26	1 40 0	24° 2'21	12♍ 1	5°58	11°16	12°55	0°47	5°19	24°15	6°47	20°33	11° 9	11°23	7°11	n.a.	S 26
M27	1 43 57	25° 3'25	24°24	7°22	12°19	12°53	1° 1	5°26	24°19	6°48	20°35	10°58	11°20	7°18	n.a.	M27
T 28	1 47 53	26° 4'31	7♎ 3	8°47	13°22	12°51	1°14	5°33	24°22	6°49	20°37	10°46	11°17	7°24	n.a.	T 28
W29	1 51 50	27° 5'37	19°58	10°14	14°25	12°47	1°28	5°40	24°26	6°50	20°39	10°32	11°13	7°31	n.a.	W29
T 30	1 55 46	28° 6'44	3♏10	11°41	15°27	12°43	1°42	5°47	24°30	6°51	20°41	10°19	11°10	7°38	n.a.	T 30
F 31	1 59 43	29♎ 7'53	16♏36	13♎10	16♐29	12♊37	1♏55	5♏54	24♎34	6♑52	20♏43	10♋ 8	11♋ 7	7♌44	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	0n31	0n 8	5n 1	1s10	1s 3	18s33	2s29	22n36	0n21	9s 9	0n49	10s46	1n53	8s34	0n26	23s37	0n 2	12s22	5n48	23n 6	23n12	21n18			n.a.
T 2	0 6	4s52	4 56	0 19	0 42	18 56	2 32	22 40	0 23	9 14	0 49	10 49	1 53	8 36	0 26	23 37	0 2	12 23	5 48	23 8	23 12	21 17			n.a.
F 3	0s18	9 43	4 36	0n31	0 22	19 19	2 35	22 44	0 24	9 19	0 49	10 51	1 53	8 37	0 26	23 37	0 2	12 24	5 48	23 9	23 12	21 17			n.a.
S 4	0 42	14 13	4 1	1 20	0 1	19 42	2 38	22 48	0 26	9 24	0 49	10 53	1 53	8 38	0 26	23 37	0 2	12 24	5 47	23 10	23 12	21 16			n.a.
S 5	1 7	18 4	3 12	2 6	0n19	20 4	2 40	22 52	0 28	9 29	0 49	10 56	1 53	8 40	0 26	23 37	0 2	12 25	5 47	23 10	23 13	21 15			n.a.
M 6	1 31	21 0	2 11	2 47	0 38	20 26	2 43	22 55	0 30	9 34	0 49	10 58	1 53	8 41	0 26	23 37	0 2	12 26	5 47	23 10	23 13	21 14			n.a.
T 7	1 56	22 46	1 3	3 24	0 56	20 47	2 46	22 59	0 32	9 39	0 48	11 0	1 53	8 42	0 26	23 37	0 2	12 26	5 47	23 11	23 13	21 13			n.a.
W 8	2 20	23 8	0s11	3 54	1 12	21 8	2 48	23 3	0 34	9 44	0 48	11 3	1 52	8 44	0 26	23 37	0 2	12 27	5 46	23 11	23 14	21 12			n.a.
T 9	2 44	22 2	1 25	4 19	1 27	21 28	2 50	23 6	0 36	9 48	0 48	11 5	1 52	8 45	0 26	23 37	0 2	12 28	5 46	23 11	23 14	21 11			n.a.
F 10	3 9	19 29	2 34	4 37	1 39	21 48	2 53	23 10	0 38	9 53	0 48	11 7	1 52	8 47	0 26	23 37	0 2	12 28	5 46	23 11	23 14	21 11			n.a.
S 11	3 33	15 42	3 34	4 48	1 50	22 7	2 55	23 13	0 40	9 58	0 48	11 10	1 52	8 48	0 26	23 37	0 2	12 29	5 46	23 11	23 15	21 10			n.a.
S 12	3 57	10 56	4 21	4 54	1 59	22 25	2 57	23 17	0 42	10 3	0 48	11 12	1 52	8 49	0 26	23 37	0 2	12 30	5 46	23 12	23 15	21 9			n.a.
M13	4 21	5 35	4 50	4 54	2 7	22 43	2 59	23 20	0 44	10 8	0 48	11 14	1 52	8 51	0 26	23 37	0 2	12 30	5 45	23 13	23 15	21 8			n.a.
T 14	4 45	0n 1	5 0	4 49	2 13	23 1	3 1	23 23	0 47	10 13	0 48	11 17	1 52	8 52	0 26	23 36	0 2	12 31	5 45	23 14	23 15	21 7			n.a.
W15	5 10	5 31	4 52	4 38	2 17	23 17	3 2	23 26	0 49	10 18	0 48	11 19	1 52	8 53	0 26	23 36	0 2	12 32	5 45	23 15	23 16	21 6			n.a.
T 16	5 34	10 37	4 27	4 24	2 20	23 34	3 4	23 29	0 51	10 23	0 47	11 22	1 52	8 55	0 26	23 36	0 2	12 32	5 45	23 17	23 16	21 5			n.a.
F 17	5 57	15 4	3 47	4 5	2 22	23 49	3 6	23 32	0 53	10 28	0 47	11 24	1 51	8 56	0 26	23 36	0 2	12 33	5 44	23 17	23 16	21 4			n.a.
S 18	6 21	18 40	2 57	3 43	2 22	24 4	3 7	23 35	0 56	10 33	0 47	11 26	1 51	8 58	0 26	23 36	0 2	12 34	5 44	23 18	23 17	21 3			n.a.
S 19	6 45	21 18	2 0	3 18	2 22	24 18	3 8	23 38	0 58	10 38	0 47	11 29	1 51	8 59	0 26	23 36	0 2	12 34	5 44	23 18	23 17	21 2			n.a.
M20	7 9	22 51	0 58	2 50	2 20	24 32	3 10	23 41	1 0	10 43	0 47	11 31	1 51	9 0	0 26	23 36	0 2	12 35	5 44	23 19	23 17	21 1			n.a.
T 21	7 32	23 18	0n 5	2 20	2 18	24 45	3 11	23 44	1 3	10 48	0 47	11 34	1 51	9 2	0 26	23 36	0 2	12 36	5 44	23 19	23 17	21 1			n.a.
W22	7 56	22 42	1 8	1 48	2 16	24 58	3 12	23 46	1 5	10 53	0 47	11 36	1 51	9 3	0 26	23 36	0 2	12 37	5 43	23 19	23 18	21 0			n.a.
T 23	8 19	21 5	2 7	1 14	2 12	25 9	3 12	23 49	1 7	10 57	0 47	11 38	1 51	9 5	0 26	23 36	0 2	12 37	5 43	23 19	23 18	20 59			n.a.
F 24	8 42	18 33	3 1	0 39	2 8	25 20	3 13	23 51	1 10	11 2	0 47	11 41	1 51	9 6	0 26	23 36	0 2	12 38	5 43	23 19	23 18	20 58			n.a.
S 25	9 5	15 13	3 47	0 3	2 4	25 31	3 14	23 54	1 12	11 7	0 46	11 43	1 51	9 7	0 26	23 36	0 2	12 39	5 43	23 19	23 19	20 57			n.a.
S 26	9 28	11 12	4 24	0s35	1 59	25 41	3 14	23 56	1 15	11 12	0 46	11 46	1 51	9 9	0 26	23 36	0 2	12 39	5 43	23 20	23 19	20 56			n.a.
M27	9 51	6 40	4 49	1 14	1 54	25 50	3 14	23 58	1 17	11 17	0 46	11 48	1 51	9 10	0 26	23 36	0 2	12 40	5 43	23 21	23 19	20 55			n.a.
T 28	10 13	1 45	5 0	1 53	1 48	25 58	3 14	24 0	1 20	11 22	0 46	11 50	1 50	9 12	0 26	23 36	0 2	12 41	5 42	23 22	23 19	20 54			n.a.
W29	10 36	3s21	4 57	2 33	1 43	26 6	3 14	24 3	1 22	11 27	0 46	11 53	1 50	9 13	0 26	23 36	0 2	12 41	5 42	23 23	23 20	20 53			n.a.
T 30	10 58	8 25	4 38	3 13	1 37	26 13	3 14	24 5	1 25	11 32	0 46	11 55	1 50	9 14	0 26	23 36	0 2	12 42	5 42	23 24	23 20	20 52			n.a.
F 31	11s20	13s10	4n 3	3s53	1n30	26s19	3s14	24n 6	1n28	11s37	0n46	11s58	1n50	9s16	0n26	23s36	0n 2	12s43	5n42	23n25	23n20	20n51			n.a.

Julian Day Number = 1371056.5, Delta T = 06h50m38s
Ecliptic obliquity = 23°48'34, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°19'09, Lahiri = -17°12'08 Julian Calendar 1 Oct. 960 BCE == Greg. Calendar 22 Sept. 960 BCE

The year -959 astronomical counting style corresponds to year 960 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 960 BCE
geocentric

NOVEMBER 960 BCE (-959) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 3 39	0♏ 9'02	0♐13	14♎39	17♐31	12°R31	2♏ 9	6♏ 1	24♎37	6♑53	20♏45	10°R 0	11♋ 4	7♌51	n.a.	S 1
S 2	2 7 36	1°10'12	13°59	16° 8	18°32	12♊24	2°23	6° 8	24°41	6°54	20°47	9♋54	11° 1	7°58	n.a.	S 2
M 3	2 11 33	2°11'23	27°51	17°38	19°33	12°16	2°36	6°15	24°45	6°55	20°49	9°52	10°57	8° 4	n.a.	M 3
T 4	2 15 29	3°12'34	11♑49	19° 9	20°34	12° 8	2°50	6°22	24°48	6°56	20°51	9°D51	10°54	8°11	n.a.	T 4
W 5	2 19 26	4°13'45	25°51	20°40	21°34	11°58	3° 4	6°29	24°52	6°58	20°53	9°52	10°51	8°18	n.a.	W 5
T 6	2 23 22	5°14'57	9♒56	22°11	22°34	11°48	3°17	6°36	24°56	6°59	20°55	9°R52	10°48	8°24	n.a.	T 6
F 7	2 27 19	6°16'10	24° 3	23°42	23°33	11°37	3°31	6°43	24°59	7° 0	20°58	9°50	10°45	8°31	n.a.	F 7
S 8	2 31 15	7°17'22	8♓12	25°14	24°32	11°25	3°45	6°50	25° 3	7° 2	21° 0	9°47	10°42	8°38	n.a.	S 8
S 9	2 35 12	8°18'35	22°20	26°46	25°30	11°12	3°58	6°57	25° 7	7° 3	21° 2	9°40	10°38	8°44	n.a.	S 9
M10	2 39 8	9°19'48	6♈23	28°18	26°28	10°58	4°12	7° 4	25°10	7° 4	21° 4	9°32	10°35	8°51	n.a.	M10
T 11	2 43 5	10°21'02	20°19	29°50	27°25	10°44	4°26	7°11	25°14	7° 6	21° 6	9°22	10°32	8°58	n.a.	T 11
W12	2 47 2	11°22'16	4♉ 2	1♏23	28°22	10°29	4°39	7°18	25°18	7° 7	21° 8	9°11	10°29	9° 4	n.a.	W12
T 13	2 50 58	12°23'30	17°29	2°55	29°18	10°13	4°53	7°25	25°21	7° 9	21°11	9° 1	10°26	9°11	n.a.	T 13
F 14	2 54 55	13°24'45	0♊37	4°28	0♑13	9°56	5° 6	7°32	25°25	7°10	21°13	8°53	10°23	9°18	n.a.	F 14
S 15	2 58 51	14°26'00	13°26	6° 1	1° 8	9°39	5°20	7°39	25°28	7°12	21°15	8°48	10°19	9°24	n.a.	S 15
S 16	3 2 48	15°27'16	25°57	7°34	2° 3	9°21	5°34	7°46	25°32	7°13	21°17	8°45	10°16	9°31	n.a.	S 16
M17	3 6 44	16°28'32	8♋11	9° 8	2°56	9° 3	5°47	7°53	25°35	7°15	21°19	8°D44	10°13	9°38	n.a.	M17
T 18	3 10 41	17°29'49	20°12	10°41	3°49	8°43	6° 1	8° 0	25°39	7°17	21°21	8°44	10°10	9°44	n.a.	T 18
W19	3 14 38	18°31'06	2♌ 4	12°15	4°42	8°23	6°14	8° 6	25°42	7°18	21°24	8°45	10° 7	9°51	n.a.	W19
T 20	3 18 34	19°32'24	13°52	13°49	5°33	8° 3	6°28	8°13	25°46	7°20	21°26	8°47	10° 3	9°58	n.a.	T 20
F 21	3 22 31	20°33'42	25°43	15°23	6°24	7°42	6°41	8°20	25°49	7°21	21°28	8°R47	10° 0	10° 4	n.a.	F 21
S 22	3 26 27	21°35'00	7♍40	16°58	7°14	7°20	6°55	8°27	25°53	7°23	21°30	8°45	9°57	10°11	n.a.	S 22
S 23	3 30 24	22°36'18	19°50	18°33	8° 3	6°59	7° 8	8°34	25°56	7°25	21°32	8°41	9°54	10°18	n.a.	S 23
M24	3 34 20	23°37'37	2♎15	20° 8	8°51	6°36	7°22	8°41	26° 0	7°27	21°35	8°36	9°51	10°24	n.a.	M24
T 25	3 38 17	24°38'56	15° 1	21°43	9°38	6°13	7°35	8°48	26° 3	7°28	21°37	8°29	9°48	10°31	n.a.	T 25
W26	3 42 13	25°40'15	28° 7	23°19	10°25	5°50	7°48	8°55	26° 7	7°30	21°39	8°21	9°44	10°38	n.a.	W26
T 27	3 46 10	26°41'34	11♏34	24°55	11°10	5°27	8° 2	9° 2	26°10	7°32	21°41	8°13	9°41	10°44	n.a.	T 27
F 28	3 50 7	27°42'53	25°21	26°32	11°55	5° 3	8°15	9° 8	26°13	7°34	21°43	8° 6	9°38	10°51	n.a.	F 28
S 29	3 54 3	28°44'11	9♐24	28° 8	12°38	4°39	8°28	9°15	26°16	7°36	21°46	8° 2	9°35	10°58	n.a.	S 29
S 30	3 58 0	29♏45'30	23♐37	29♏46	13♑20	4♊15	8♏42	9♏22	26♎20	7♑38	21♏48	7♋59	9♋32	11♌ 4	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s42	17s21	3n14	4s34	1n24	26s25	3s13	24n 8	1n30	11s41	0n46	12s 0	1n50	9s17	0n26	23s36	0n 2	12s44	5n42	23n26	23n20	20n50		n.a.
S 2	12 4	20 38	2 13	5 15	1 18	26 30	3 13	24 10	1 33	11 46	0 46	12 2	1 50	9 18	0 26	23 36	0 2	12 44	5 42	23 26	23 21	20 49		n.a.
M 3	12 25	22 44	1 3	5 56	1 11	26 35	3 12	24 11	1 35	11 51	0 46	12 5	1 50	9 20	0 26	23 36	0 2	12 45	5 41	23 26	23 21	20 48		n.a.
T 4	12 46	23 27	0s10	6 37	1 4	26 38	3 11	24 13	1 38	11 56	0 46	12 7	1 50	9 21	0 26	23 36	0 2	12 46	5 41	23 26	23 21	20 47		n.a.
W 5	13 8	22 41	1 24	7 18	0 57	26 41	3 10	24 14	1 41	12 1	0 45	12 9	1 50	9 23	0 26	23 36	0 2	12 46	5 41	23 26	23 21	20 46		n.a.
T 6	13 28	20 29	2 33	7 59	0 51	26 44	3 8	24 15	1 43	12 5	0 45	12 12	1 50	9 24	0 26	23 36	0 2	12 47	5 41	23 26	23 22	20 45		n.a.
F 7	13 49	17 3	3 33	8 40	0 44	26 46	3 7	24 17	1 46	12 10	0 45	12 14	1 50	9 25	0 26	23 36	0 2	12 48	5 41	23 26	23 22	20 44		n.a.
S 8	14 9	12 37	4 20	9 20	0 37	26 47	3 5	24 18	1 49	12 15	0 45	12 17	1 50	9 27	0 26	23 36	0 2	12 48	5 41	23 27	23 22	20 43		n.a.
S 9	14 30	7 31	4 50	10 1	0 30	26 47	3 3	24 18	1 52	12 20	0 45	12 19	1 50	9 28	0 26	23 36	0 2	12 49	5 41	23 27	23 23	20 42		n.a.
M10	14 49	2 4	5 4	10 41	0 23	26 47	3 1	24 19	1 54	12 24	0 45	12 21	1 50	9 29	0 26	23 35	0 2	12 50	5 40	23 28	23 23	20 41		n.a.
T 11	15 9	3n27	4 59	11 20	0 16	26 46	2 59	24 20	1 57	12 29	0 45	12 24	1 50	9 31	0 26	23 35	0 2	12 50	5 40	23 28	23 23	20 40		n.a.
W12	15 28	8 44	4 36	11 59	0 9	26 44	2 56	24 20	2 0	12 34	0 45	12 26	1 50	9 32	0 26	23 35	0 2	12 51	5 40	23 29	23 23	20 38		n.a.
T 13	15 48	13 29	3 59	12 38	0 2	26 42	2 54	24 20	2 2	12 39	0 45	12 28	1 50	9 33	0 26	23 35	0 2	12 52	5 40	23 30	23 24	20 37		n.a.
F 14	16 6	17 30	3 10	13 16	0s 4	26 39	2 51	24 21	2 5	12 43	0 45	12 31	1 50	9 35	0 26	23 35	0 2	12 52	5 40	23 30	23 24	20 36		n.a.
S 15	16 25	20 35	2 12	13 54	0 11	26 36	2 48	24 20	2 8	12 48	0 45	12 33	1 50	9 36	0 26	23 35	0 2	12 53	5 40	23 31	23 24	20 35		n.a.
S 16	16 43	22 37	1 8	14 31	0 17	26 32	2 44	24 20	2 10	12 53	0 45	12 35	1 50	9 37	0 26	23 35	0 2	12 54	5 40	23 31	23 24	20 34		n.a.
M17	17 1	23 30	0 3	15 8	0 24	26 27	2 41	24 20	2 13	12 57	0 45	12 38	1 50	9 39	0 26	23 35	0 1	12 55	5 40	23 31	23 25	20 33		n.a.
T 18	17 19	23 17	1n 1	15 44	0 30	26 22	2 37	24 19	2 15	13 2	0 45	12 40	1 50	9 40	0 26	23 35	0 1	12 55	5 39	23 31	23 25	20 32		n.a.
W19	17 36	22 0	2 3	16 20	0 37	26 16	2 33	24 19	2 18	13 6	0 45	12 42	1 49	9 41	0 26	23 35	0 1	12 56	5 39	23 31	23 25	20 31		n.a.
T 20	17 53	19 45	2 58	16 55	0 43	26 10	2 29	24 18	2 20	13 11	0 44	12 44	1 49	9 43	0 26	23 35	0 1	12 57	5 39	23 31	23 25	20 30		n.a.
F 21	18 10	16 41	3 46	17 29	0 49	26 3	2 24	24 17	2 23	13 16	0 44	12 47	1 49	9 44	0 26	23 35	0 1	12 57	5 39	23 31	23 26	20 29		n.a.
S 22	18 26	12 54	4 25	18 2	0 55	25 56	2 19	24 16	2 25	13 20	0 44	12 49	1 49	9 45	0 26	23 35	0 1	12 58	5 39	23 31	23 26	20 28		n.a.
S 23	18 42	8 33	4 52	18 35	1 0	25 48	2 14	24 14	2 28	13 25	0 44	12 51	1 49	9 46	0 26	23 34	0 1	12 59	5 39	23 31	23 26	20 26		n.a.
M24	18 58	3 46	5 7	19 6	1 6	25 39	2 9	24 12	2 30	13 29	0 44	12 53	1 49	9 48	0 26	23 34	0 1	12 59	5 39	23 32	23 26	20 25		n.a.
T 25	19 13	1s18	5 7	19 37	1 11	25 30	2 4	24 11	2 32	13 34	0 44	12 56	1 49	9 49	0 26	23 34	0 1	13 0	5 39	23 32	23 26	20 24		n.a.
W26	19 28	6 27	4 51	20 7	1 16	25 21	1 58	24 9	2 35	13 38	0 44	12 58	1 49	9 50	0 26	23 34	0 1	13 0	5 39	23 33	23 27	20 23		n.a.
T 27	19 43	11 26	4 19	20 36	1 21	25 11	1 52	24 7	2 37	13 42	0 44	13 0	1 49	9 51	0 26	23 34	0 1	13 1	5 39	23 33	23 27	20 22		n.a.
F 28	19 57	15 59	3 31	21 5	1 26	25 1	1 45	24 4	2 39	13 47	0 44	13 2	1 49	9 53	0 26	23 34	0 1	13 2	5 38	23 33	23 27	20 21		n.a.
S 29	20 11	19 45	2 29	21 32	1 31	24 50	1 39	24 2	2 41	13 51	0 44	13 4	1 49	9 54	0 26	23 34	0 1	13 2	5 38	23 34	23 27	20 20		n.a.
S 30	20s25	22s22	1n17	21s58	1s35	24s39	1s32	23n59	2n43	13s55	0n44	13s 6	1n49	9s55	0n26	23s34	0n 1	13s 3	5n38	23n34	23n28	20n18		n.a.

Julian Day Number = 1371087.5, Delta T = 06h50m36s
Ecliptic obliquity = 23°48'34, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°19'04, Lahiri = -17°12'04 Julian Calendar 1 Nov. 960 BCE == Greg. Calendar 23 Oct. 960 BCE

The year -959 astronomical counting style corresponds to year 960 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 960 BCE
geocentric

DECEMBER 960 BCE (-959) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 1 56	0♐46'48	7♑58	1♐23	14♑ 1	3°R51	8♏55	9♏29	26♎23	7♑40	21♏50	7°D58	9♋29	11♌11	n.a.	M 1
T 2	4 5 53	1°48'06	22°20	3° 1	14°41	3♊27	9° 8	9°35	26°26	7°41	21°52	7♋58	9°25	11°18	n.a.	T 2
W 3	4 9 49	2°49'23	6♒39	4°40	15°20	3° 3	9°21	9°42	26°29	7°43	21°54	8° 0	9°22	11°24	n.a.	W 3
T 4	4 13 46	3°50'39	20°54	6°18	15°57	2°39	9°34	9°49	26°33	7°45	21°56	8° 1	9°19	11°31	n.a.	T 4
F 5	4 17 43	4°51'54	5♓ 2	7°58	16°33	2°15	9°47	9°55	26°36	7°47	21°59	8°R 2	9°16	11°38	n.a.	F 5
S 6	4 21 39	5°53'09	19° 1	9°37	17° 8	1°51	10° 0	10° 2	26°39	7°49	22° 1	8° 1	9°13	11°44	n.a.	S 6
S 7	4 25 36	6°54'22	2♈51	11°17	17°41	1°28	10°13	10° 8	26°42	7°51	22° 3	7°59	9° 9	11°51	n.a.	S 7
M 8	4 29 32	7°55'35	16°30	12°58	18°12	1° 4	10°26	10°15	26°45	7°53	22° 5	7°55	9° 6	11°58	n.a.	M 8
T 9	4 33 29	8°56'47	29°58	14°39	18°42	0°41	10°39	10°21	26°48	7°55	22° 7	7°51	9° 3	12° 4	n.a.	T 9
W10	4 37 25	9°57'58	13♉13	16°20	19°11	0°18	10°52	10°28	26°51	7°57	22° 9	7°46	9° 0	12°11	n.a.	W10
T 11	4 41 22	10°59'08	26°15	18° 1	19°37	29♉56	11° 5	10°34	26°54	7°59	22°11	7°41	8°57	12°18	n.a.	T 11
F 12	4 45 18	12° 0'18	9♊ 3	19°43	20° 2	29°34	11°17	10°40	26°57	8° 2	22°13	7°38	8°54	12°24	n.a.	F 12
S 13	4 49 15	13° 1'27	21°37	21°25	20°25	29°12	11°30	10°47	27° 0	8° 4	22°15	7°36	8°50	12°31	n.a.	S 13
S 14	4 53 12	14° 2'35	3♋58	23° 8	20°46	28°51	11°43	10°53	27° 2	8° 6	22°18	7°D35	8°47	12°38	n.a.	S 14
M15	4 57 8	15° 3'42	16° 6	24°50	21° 5	28°31	11°55	10°59	27° 5	8° 8	22°20	7°35	8°44	12°44	n.a.	M15
T 16	5 1 5	16° 4'48	28° 5	26°33	21°22	28°11	12° 8	11° 5	27° 8	8°10	22°22	7°36	8°41	12°51	n.a.	T 16
W17	5 5 1	17° 5'54	9♌57	28°15	21°36	27°52	12°20	11°12	27°11	8°12	22°24	7°38	8°38	12°58	n.a.	W17
T 18	5 8 58	18° 6'59	21°45	29°58	21°49	27°33	12°32	11°18	27°13	8°14	22°26	7°39	8°35	13° 4	n.a.	T 18
F 19	5 12 54	19° 8'03	3♍36	1♑39	22° 0	27°15	12°45	11°24	27°16	8°17	22°28	7°41	8°31	13°11	n.a.	F 19
S 20	5 16 51	20° 9'07	15°32	3°21	22° 8	26°57	12°57	11°30	27°19	8°19	22°30	7°R41	8°28	13°18	n.a.	S 20
S 21	5 20 48	21°10'09	27°40	5° 1	22°13	26°40	13° 9	11°36	27°21	8°21	22°32	7°41	8°25	13°24	n.a.	S 21
M22	5 24 44	22°11'11	10♎ 3	6°40	22°17	26°24	13°21	11°42	27°24	8°23	22°34	7°41	8°22	13°31	n.a.	M22
T 23	5 28 41	23°12'12	22°47	8°18	22°R18	26° 9	13°33	11°47	27°26	8°25	22°36	7°39	8°19	13°38	n.a.	T 23
W24	5 32 37	24°13'12	5♏53	9°55	22°16	25°54	13°45	11°53	27°29	8°28	22°38	7°37	8°15	13°44	n.a.	W24
T 25	5 36 34	25°14'11	19°24	11°28	22°12	25°40	13°57	11°59	27°31	8°30	22°39	7°35	8°12	13°51	n.a.	T 25
F 26	5 40 30	26°15'09	3♐20	13° 0	22° 6	25°27	14° 9	12° 5	27°34	8°32	22°41	7°34	8° 9	13°58	n.a.	F 26
S 27	5 44 27	27°16'06	17°39	14°28	21°57	25°15	14°21	12°10	27°36	8°34	22°43	7°33	8° 6	14° 4	n.a.	S 27
S 28	5 48 23	28°17'02	2♑14	15°52	21°45	25° 3	14°33	12°16	27°38	8°36	22°45	7°D32	8° 3	14°11	n.a.	S 28
M29	5 52 20	29°17'56	17° 1	17°11	21°31	24°52	14°44	12°21	27°40	8°39	22°47	7°32	8° 0	14°18	n.a.	M29
T 30	5 56 17	0♑18'49	1♒51	18°25	21°15	24°42	14°56	12°27	27°43	8°41	22°49	7°33	7°56	14°24	n.a.	T 30
W31	6 0 13	1♑19'40	16♒38	19♑34	20♑56	24♉33	15♏ 7	12♏32	27♎45	8♑43	22♏51	7♋33	7♋53	14♌31	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	20s38	23s34	0n 0	22s22	1s39	24s28	1s25	23n56	2n45	14s 0	0n44	13s 9	1n49	9s56	0n26	23s34	0n 1	13s 4	5n38	23n34	23n28	20n17			n.a.
T 2	20 50	23 12	1s18	22 46	1 43	24 16	1 17	23 54	2 47	14 4	0 44	13 11	1 49	9 57	0 26	23 34	0 1	13 4	5 38	23 34	23 28	20 16			n.a.
W 3	21 3	21 19	2 30	23 9	1 47	24 4	1 10	23 50	2 48	14 8	0 44	13 13	1 50	9 59	0 26	23 34	0 1	13 5	5 38	23 34	23 28	20 15			n.a.
T 4	21 15	18 6	3 33	23 30	1 50	23 51	1 2	23 47	2 50	14 13	0 44	13 15	1 50	10 0	0 26	23 33	0 1	13 5	5 38	23 34	23 29	20 14			n.a.
F 5	21 26	13 52	4 23	23 50	1 53	23 39	0 53	23 44	2 52	14 17	0 44	13 17	1 50	10 1	0 26	23 33	0 1	13 6	5 38	23 34	23 29	20 13			n.a.
S 6	21 37	8 56	4 56	24 8	1 55	23 26	0 44	23 41	2 53	14 21	0 44	13 19	1 50	10 2	0 26	23 33	0 1	13 7	5 38	23 34	23 29	20 11			n.a.
S 7	21 48	3 36	5 11	24 25	1 58	23 12	0 35	23 37	2 55	14 25	0 44	13 21	1 50	10 3	0 26	23 33	0 1	13 7	5 38	23 34	23 29	20 10			n.a.
M 8	21 58	1n50	5 9	24 41	2 0	22 59	0 26	23 33	2 56	14 29	0 44	13 23	1 50	10 4	0 26	23 33	0 1	13 8	5 38	23 34	23 29	20 9			n.a.
T 9	22 8	7 7	4 50	24 55	2 1	22 45	0 16	23 30	2 57	14 33	0 44	13 25	1 50	10 5	0 26	23 33	0 1	13 8	5 38	23 34	23 30	20 8			n.a.
W10	22 17	12 0	4 15	25 7	2 2	22 31	0 6	23 26	2 59	14 38	0 44	13 27	1 50	10 6	0 26	23 33	0 1	13 9	5 38	23 35	23 30	20 7			n.a.
T 11	22 26	16 15	3 28	25 18	2 3	22 17	0n 4	23 22	3 0	14 42	0 44	13 29	1 50	10 7	0 26	23 33	0 1	13 10	5 38	23 35	23 30	20 5			n.a.
F 12	22 35	19 40	2 30	25 27	2 3	22 3	0 14	23 18	3 1	14 46	0 43	13 31	1 50	10 8	0 26	23 33	0 1	13 10	5 38	23 35	23 30	20 4			n.a.
S 13	22 43	22 6	1 27	25 34	2 3	21 49	0 25	23 15	3 2	14 50	0 43	13 33	1 50	10 10	0 26	23 32	0 1	13 11	5 38	23 35	23 31	20 3			n.a.
S 14	22 50	23 25	0 20	25 40	2 2	21 34	0 37	23 11	3 3	14 54	0 43	13 35	1 50	10 11	0 26	23 32	0 1	13 11	5 38	23 35	23 31	20 2			n.a.
M15	22 57	23 36	0n47	25 43	2 1	21 20	0 48	23 7	3 3	14 58	0 43	13 37	1 50	10 12	0 26	23 32	0 1	13 12	5 38	23 35	23 31	20 0			n.a.
T 16	23 4	22 40	1 51	25 45	1 59	21 5	1 0	23 3	3 4	15 1	0 43	13 39	1 50	10 13	0 26	23 32	0 1	13 12	5 38	23 35	23 31	19 59			n.a.
W17	23 10	20 45	2 49	25 44	1 56	20 51	1 13	22 59	3 5	15 5	0 43	13 41	1 50	10 14	0 26	23 32	0 1	13 13	5 37	23 35	23 31	19 58			n.a.
T 18	23 16	17 56	3 40	25 42	1 53	20 36	1 25	22 55	3 6	15 9	0 43	13 43	1 50	10 15	0 26	23 32	0 1	13 13	5 37	23 35	23 32	19 57			n.a.
F 19	23 21	14 24	4 22	25 37	1 50	20 22	1 38	22 52	3 6	15 13	0 43	13 44	1 50	10 15	0 26	23 32	0 1	13 14	5 37	23 35	23 32	19 55			n.a.
S 20	23 26	10 17	4 53	25 31	1 45	20 8	1 51	22 48	3 7	15 17	0 43	13 46	1 50	10 16	0 26	23 32	0 1	13 14	5 37	23 35	23 32	19 54			n.a.
S 21	23 31	5 42	5 12	25 22	1 40	19 53	2 5	22 44	3 7	15 21	0 43	13 48	1 50	10 17	0 26	23 31	0 1	13 15	5 37	23 35	23 32	19 53			n.a.
M22	23 34	0 48	5 16	25 12	1 34	19 39	2 19	22 41	3 7	15 24	0 43	13 50	1 50	10 18	0 26	23 31	0 1	13 15	5 37	23 35	23 32	19 52			n.a.
T 23	23 38	4s16	5 6	24 59	1 27	19 25	2 33	22 37	3 7	15 28	0 43	13 52	1 50	10 19	0 26	23 31	0 1	13 16	5 37	23 35	23 33	19 50			n.a.
W24	23 41	9 18	4 39	24 45	1 19	19 12	2 47	22 34	3 8	15 32	0 43	13 53	1 50	10 20	0 26	23 31	0 1	13 16	5 37	23 35	23 33	19 49			n.a.
T 25	23 43	14 4	3 56	24 29	1 11	18 58	3 1	22 31	3 8	15 35	0 43	13 55	1 50	10 21	0 26	23 31	0 1	13 17	5 37	23 35	23 33	19 48			n.a.
F 26	23 45	18 14	2 59	24 11	1 1	18 45	3 16	22 27	3 8	15 39	0 43	13 57	1 51	10 22	0 26	23 31	0 1	13 17	5 37	23 35	23 33	19 46			n.a.
S 27	23 47	21 26	1 48	23 51	0 51	18 32	3 30	22 24	3 8	15 42	0 43	13 58	1 51	10 23	0 26	23 31	0 1	13 18	5 37	23 35	23 33	19 45			n.a.
S 28	23 48	23 18	0 29	23 30	0 40	18 19	3 45	22 21	3 8	15 46	0 43	14 0	1 51	10 23	0 26	23 31	0 1	13 18	5 37	23 35	23 34	19 44			n.a.
M29	23 48	23 34	0s52	23 8	0 27	18 6	4 0	22 19	3 8	15 49	0 43	14 2	1 51	10 24	0 26	23 30	0 1	13 19	5 37	23 35	23 34	19 43			n.a.
T 30	23 49	22 11	2 11	22 45	0 14	17 54	4 15	22 16	3 8	15 53	0 43	14 3	1 51	10 25	0 26	23 30	0 1	13 19	5 37	23 35	23 34	19 41			n.a.
W31	23s48	19s16	3s21	22s22	0s 0	17s43	4n30	22n13	3n 7	15s56	0n43	14s 5	1n51	10s26	0n26	23s30	0n 1	13s20	5n37	23n35	23n34	19n40			n.a.

Julian Day Number = 1371117.5, Delta T = 06h50m35s
Ecliptic obliquity = 23°48'33, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°19'00, Lahiri = -17°12'00 Julian Calendar 1 Dec. 960 BCE == Greg. Calendar 22 Nov. 960 BCE

The year -959 astronomical counting style corresponds to year 960 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 959 BCE
geocentric

JANUARY 959 BCE (-958) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 4 10	2♉20'29	1♓15	20♉35	20°R34	24°R25	15♏19	12♏38	27♎47	8♉46	22♏52	7♋34	7♋50	14♌38	n.a.	T 1
F 2	6 8 6	3°21'17	15°37	21°30	20♉11	24♉17	15°30	12°43	27°49	8°48	22°54	7°34	7°47	14°44	n.a.	F 2
S 3	6 12 3	4°22'03	29°41	22°15	19°45	24°11	15°41	12°48	27°51	8°50	22°56	7°R35	7°44	14°51	n.a.	S 3
S 4	6 15 59	5°22'47	13♈27	22°52	19°17	24° 5	15°53	12°53	27°53	8°52	22°58	7°35	7°41	14°58	n.a.	S 4
M 5	6 19 56	6°23'29	26°54	23°19	18°47	24° 0	16° 4	12°58	27°55	8°55	22°59	7°34	7°37	15° 4	n.a.	M 5
T 6	6 23 52	7°24'10	10♉ 4	23°37	18°15	23°55	16°15	13° 4	27°57	8°57	23° 1	7°D34	7°34	15°11	n.a.	T 6
W 7	6 27 49	8°24'48	22°58	23°R43	17°42	23°52	16°25	13° 8	27°59	8°59	23° 3	7°34	7°31	15°18	n.a.	W 7
T 8	6 31 46	9°25'25	5♊37	23°39	17° 8	23°49	16°36	13°13	28° 0	9° 1	23° 5	7°35	7°28	15°24	n.a.	T 8
F 9	6 35 42	10°26'00	18° 5	23°25	16°32	23°47	16°47	13°18	28° 2	9° 4	23° 6	7°35	7°25	15°31	n.a.	F 9
S 10	6 39 39	11°26'33	0♋21	23° 0	15°55	23°46	16°57	13°23	28° 4	9° 6	23° 8	7°35	7°21	15°38	n.a.	S 10
S 11	6 43 35	12°27'05	12°29	22°26	15°18	23°D45	17° 8	13°28	28° 5	9° 8	23° 9	7°R35	7°18	15°45	n.a.	S 11
M12	6 47 32	13°27'35	24°29	21°43	14°40	23°46	17°18	13°32	28° 7	9°11	23°11	7°35	7°15	15°51	n.a.	M12
T 13	6 51 28	14°28'03	6♌23	20°52	14° 3	23°47	17°29	13°37	28° 8	9°13	23°12	7°34	7°12	15°58	n.a.	T 13
W14	6 55 25	15°28'29	18°13	19°55	13°25	23°49	17°39	13°41	28°10	9°15	23°14	7°33	7° 9	16° 5	n.a.	W14
T 15	6 59 21	16°28'54	0♍ 3	18°53	12°48	23°51	17°49	13°46	28°11	9°17	23°15	7°32	7° 6	16°11	n.a.	T 15
F 16	7 3 18	17°29'17	11°54	17°48	12°11	23°54	17°59	13°50	28°13	9°20	23°17	7°31	7° 2	16°18	n.a.	F 16
S 17	7 7 15	18°29'38	23°51	16°41	11°36	23°58	18° 9	13°54	28°14	9°22	23°18	7°29	6°59	16°25	n.a.	S 17
S 18	7 11 11	19°29'57	5♎58	15°35	11° 1	24° 3	18°18	13°58	28°15	9°24	23°20	7°28	6°56	16°31	n.a.	S 18
M19	7 15 8	20°30'15	18°18	14°31	10°28	24° 8	18°28	14° 3	28°17	9°26	23°21	7°D28	6°53	16°38	n.a.	M19
T 20	7 19 4	21°30'32	0♏55	13°31	9°56	24°14	18°38	14° 7	28°18	9°29	23°23	7°28	6°50	16°45	n.a.	T 20
W21	7 23 1	22°30'47	13°55	12°34	9°26	24°20	18°47	14°11	28°19	9°31	23°24	7°29	6°47	16°51	n.a.	W21
T 22	7 26 57	23°31'00	27°20	11°43	8°58	24°27	18°56	14°14	28°20	9°33	23°25	7°30	6°43	16°58	n.a.	T 22
F 23	7 30 54	24°31'11	11♐12	10°58	8°33	24°35	19° 6	14°18	28°21	9°35	23°27	7°31	6°40	17° 5	n.a.	F 23
S 24	7 34 50	25°31'21	25°31	10°20	8° 9	24°44	19°15	14°22	28°22	9°38	23°28	7°32	6°37	17°11	n.a.	S 24
S 25	7 38 47	26°31'29	10♑13	9°49	7°47	24°53	19°24	14°25	28°23	9°40	23°29	7°R33	6°34	17°18	n.a.	S 25
M26	7 42 44	27°31'35	25°13	9°24	7°28	25° 2	19°32	14°29	28°24	9°42	23°30	7°32	6°31	17°25	n.a.	M26
T 27	7 46 40	28°31'40	10♒23	9° 7	7°11	25°13	19°41	14°32	28°25	9°44	23°31	7°30	6°27	17°31	n.a.	T 27
W28	7 50 37	29°31'41	25°32	8°56	6°57	25°23	19°50	14°36	28°25	9°46	23°33	7°27	6°24	17°38	n.a.	W28
T 29	7 54 33	0♒31'41	10♓32	8°D52	6°45	25°35	19°58	14°39	28°26	9°48	23°34	7°24	6°21	17°45	n.a.	T 29
F 30	7 58 30	1°31'38	25°14	8°54	6°35	25°47	20° 6	14°42	28°27	9°51	23°35	7°21	6°18	17°51	n.a.	F 30
S 31	8 2 26	2♒31'33	9♈34	9♉ 3	6♉28	25♉59	20♏15	14♏45	28♎27	9♉53	23♏36	7♋19	6♋15	17♌58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23 s47	15 s11	4 s16	21 s58	0n15	17 s31	4n44	22n11	3n 7	16 s 0	0n43	14 s 6	1n51	10 s27	0n26	23 s30	0n 1	13 s20	5n37	23n35	23n34	19n39			n.a.
F 2	23 46	10 16	4 55	21 34	0 30	17 20	4 59	22 9	3 7	16 3	0 43	14 8	1 51	10 27	0 26	23 30	0 1	13 21	5 37	23 35	23 35	19 37			n.a.
S 3	23 44	4 56	5 15	21 11	0 46	17 10	5 13	22 7	3 7	16 6	0 43	14 9	1 51	10 28	0 26	23 30	0 1	13 21	5 37	23 35	23 35	19 36			n.a.
S 4	23 42	0n33	5 16	20 48	1 3	17 0	5 27	22 5	3 6	16 10	0 43	14 11	1 51	10 29	0 26	23 30	0 1	13 21	5 37	23 35	23 35	19 35			n.a.
M 5	23 39	5 52	5 0	20 26	1 20	16 51	5 41	22 3	3 6	16 13	0 43	14 12	1 51	10 29	0 26	23 29	0 1	13 22	5 37	23 35	23 35	19 33			n.a.
T 6	23 36	10 49	4 28	20 6	1 38	16 42	5 54	22 2	3 5	16 16	0 43	14 14	1 51	10 30	0 26	23 29	0 1	13 22	5 38	23 35	23 35	19 32			n.a.
W 7	23 32	15 12	3 43	19 48	1 55	16 33	6 7	22 0	3 5	16 19	0 43	14 15	1 52	10 31	0 26	23 29	0 1	13 23	5 38	23 35	23 36	19 30			n.a.
T 8	23 28	18 49	2 48	19 32	2 12	16 26	6 19	21 59	3 4	16 22	0 43	14 17	1 52	10 31	0 26	23 29	0 1	13 23	5 38	23 35	23 36	19 29			n.a.
F 9	23 24	21 30	1 46	19 18	2 29	16 18	6 31	21 58	3 4	16 25	0 43	14 18	1 52	10 32	0 26	23 29	0 1	13 23	5 38	23 35	23 36	19 28			n.a.
S 10	23 18	23 8	0 40	19 6	2 45	16 12	6 42	21 57	3 3	16 28	0 43	14 19	1 52	10 33	0 26	23 29	0 1	13 24	5 38	23 35	23 36	19 26			n.a.
S 11	23 13	23 40	0n27	18 58	3 0	16 6	6 52	21 57	3 3	16 31	0 43	14 21	1 52	10 33	0 26	23 29	0 1	13 24	5 38	23 35	23 36	19 25			n.a.
M12	23 7	23 4	1 32	18 51	3 13	16 0	7 1	21 56	3 2	16 34	0 43	14 22	1 52	10 34	0 26	23 28	0 1	13 24	5 38	23 35	23 36	19 24			n.a.
T 13	23 1	21 26	2 33	18 48	3 25	15 56	7 10	21 56	3 1	16 37	0 43	14 23	1 52	10 34	0 26	23 28	0 1	13 25	5 38	23 35	23 37	19 22			n.a.
W14	22 54	18 53	3 27	18 46	3 35	15 52	7 18	21 56	3 1	16 40	0 43	14 25	1 52	10 35	0 26	23 28	0 1	13 25	5 38	23 35	23 37	19 21			n.a.
T 15	22 46	15 33	4 12	18 47	3 42	15 48	7 25	21 56	3 0	16 43	0 43	14 26	1 52	10 35	0 26	23 28	0 1	13 25	5 38	23 35	23 37	19 19			n.a.
F 16	22 39	11 36	4 46	18 50	3 48	15 46	7 31	21 56	2 59	16 46	0 43	14 27	1 52	10 36	0 26	23 28	0 1	13 26	5 38	23 36	23 37	19 18			n.a.
S 17	22 31	7 10	5 8	18 55	3 51	15 44	7 36	21 56	2 59	16 49	0 43	14 28	1 53	10 36	0 26	23 28	0 1	13 26	5 38	23 36	23 37	19 17			n.a.
S 18	22 22	2 26	5 17	19 2	3 52	15 42	7 40	21 57	2 58	16 51	0 43	14 29	1 53	10 37	0 26	23 28	0 1	13 26	5 38	23 36	23 37	19 15			n.a.
M19	22 13	2 s30	5 11	19 10	3 51	15 41	7 43	21 57	2 57	16 54	0 43	14 30	1 53	10 37	0 26	23 27	0 1	13 27	5 38	23 36	23 38	19 14			n.a.
T 20	22 4	7 26	4 51	19 20	3 48	15 41	7 46	21 58	2 57	16 57	0 43	14 31	1 53	10 37	0 26	23 27	0 1	13 27	5 38	23 36	23 38	19 12			n.a.
W21	21 54	12 12	4 15	19 30	3 43	15 42	7 48	21 59	2 56	16 59	0 43	14 33	1 53	10 38	0 26	23 27	0 1	13 27	5 38	23 36	23 38	19 11			n.a.
T 22	21 44	16 33	3 25	19 42	3 36	15 43	7 48	22 0	2 55	17 2	0 43	14 34	1 53	10 38	0 26	23 27	0 1	13 28	5 38	23 36	23 38	19 9			n.a.
F 23	21 33	20 9	2 21	19 54	3 28	15 44	7 48	22 1	2 54	17 4	0 43	14 35	1 53	10 39	0 26	23 27	0 1	13 28	5 38	23 36	23 38	19 8			n.a.
S 24	21 22	22 38	1 6	20 6	3 18	15 47	7 48	22 3	2 54	17 7	0 43	14 36	1 53	10 39	0 26	23 27	0 1	13 28	5 38	23 35	23 38	19 7			n.a.
S 25	21 10	23 39	0 s15	20 19	3 8	15 49	7 46	22 4	2 53	17 9	0 43	14 37	1 53	10 39	0 26	23 26	0 1	13 28	5 38	23 35	23 39	19 5			n.a.
M26	20 59	23 0	1 36	20 32	2 56	15 52	7 44	22 6	2 52	17 12	0 43	14 37	1 54	10 40	0 26	23 26	0 1	13 29	5 38	23 35	23 39	19 4			n.a.
T 27	20 46	20 39	2 51	20 45	2 45	15 56	7 41	22 8	2 51	17 14	0 43	14 38	1 54	10 40	0 26	23 26	0 1	13 29	5 38	23 36	23 39	19 2			n.a.
W28	20 34	16 53	3 55	20 58	2 32	16 0	7 38	22 9	2 50	17 16	0 43	14 39	1 54	10 40	0 26	23 26	0 1	13 29	5 39	23 36	23 39	19 1			n.a.
T 29	20 21	12 3	4 41	21 11	2 19	16 5	7 34	22 11	2 49	17 19	0 43	14 40	1 54	10 40	0 26	23 26	0 1	13 29	5 39	23 36	23 39	18 59			n.a.
F 30	20 8	6 37	5 8	21 24	2 6	16 10	7 29	22 14	2 49	17 21	0 43	14 41	1 54	10 41	0 26	23 26	0 1	13 29	5 39	23 36	23 39	18 58			n.a.
S 31	19 s54	0 s58	5 s14	21 s37	1n53	16 s15	7n24	22n16	2n48	17 s23	0n43	14 s42	1n54	10 s41	0n26	23 s26	0n 1	13 s30	5n39	23n36	23n40	18n56			n.a.

Julian Day Number = 1371148.5, Delta T = 06h50m33s
Ecliptic obliquity = 23°48'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°18'56, Lahiri = -17°11'56 Julian Calendar 1 Jan. 959 BCE == Greg. Calendar 23 Dec. 960 BCE

The year -958 astronomical counting style corresponds to year 959 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 959 BCE
geocentric

FEBRUARY 959 BCE (-958) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 6 23	3♒31'26	23♈27	9♑17	6°R24	26♉12	20♏23	14♏48	28♎28	9♑55	23♏37	7°R17	6♋12	18♌ 5	n.a.	S 1
M 2	8 10 19	4°31'16	6♉55	9°37	6°D22	26°25	20°31	14°51	28°28	9°57	23°38	7°D17	6° 8	18°11	n.a.	M 2
T 3	8 14 16	5°31'04	19°59	10° 1	6♑22	26°39	20°38	14°54	28°29	9°59	23°39	7♋18	6° 5	18°18	n.a.	T 3
W 4	8 18 13	6°30'49	2♊42	10°31	6°25	26°54	20°46	14°57	28°29	10° 1	23°40	7°19	6° 2	18°25	n.a.	W 4
T 5	8 22 9	7°30'32	15° 8	11° 5	6°30	27° 9	20°54	15° 0	28°29	10° 3	23°41	7°21	5°59	18°32	n.a.	T 5
F 6	8 26 6	8°30'13	27°22	11°43	6°37	27°24	21° 1	15° 2	28°30	10° 5	23°42	7°22	5°56	18°38	n.a.	F 6
S 7	8 30 2	9°29'52	9♋25	12°25	6°47	27°40	21° 8	15° 5	28°30	10° 7	23°42	7°R23	5°53	18°45	n.a.	S 7
S 8	8 33 59	10°29'28	21°22	13°11	6°58	27°56	21°15	15° 7	28°30	10° 9	23°43	7°22	5°49	18°52	n.a.	S 8
M 9	8 37 55	11°29'02	3♌14	14° 0	7°12	28°13	21°22	15° 9	28°30	10°11	23°44	7°19	5°46	18°58	n.a.	M 9
T 10	8 41 52	12°28'34	15° 5	14°53	7°28	28°30	21°29	15°11	28°30	10°13	23°45	7°14	5°43	19° 5	n.a.	T 10
W11	8 45 48	13°28'03	26°55	15°49	7°46	28°48	21°36	15°14	28°R30	10°15	23°46	7° 8	5°40	19°12	n.a.	W11
T 12	8 49 45	14°27'31	8♍47	16°47	8° 5	29° 5	21°42	15°16	28°30	10°17	23°46	7° 2	5°37	19°18	n.a.	T 12
F 13	8 53 41	15°26'56	20°42	17°48	8°27	29°24	21°48	15°18	28°30	10°19	23°47	6°54	5°33	19°25	n.a.	F 13
S 14	8 57 38	16°26'19	2♎43	18°52	8°50	29°43	21°55	15°19	28°30	10°21	23°48	6°47	5°30	19°32	n.a.	S 14
S 15	9 1 35	17°25'40	14°52	19°58	9°16	0♊ 2	22° 1	15°21	28°30	10°23	23°48	6°42	5°27	19°38	n.a.	S 15
M16	9 5 31	18°25'00	27°13	21° 7	9°42	0°21	22° 7	15°23	28°29	10°25	23°49	6°38	5°24	19°45	n.a.	M16
T 17	9 9 28	19°24'17	9♏49	22°17	10°11	0°41	22°12	15°24	28°29	10°27	23°49	6°35	5°21	19°52	n.a.	T 17
W18	9 13 24	20°23'33	22°43	23°30	10°41	1° 1	22°18	15°26	28°29	10°29	23°50	6°D35	5°18	19°58	n.a.	W18
T 19	9 17 21	21°22'46	5♐59	24°45	11°12	1°22	22°23	15°27	28°28	10°31	23°50	6°36	5°14	20° 5	n.a.	T 19
F 20	9 21 17	22°21'58	19°40	26° 2	11°45	1°43	22°28	15°28	28°28	10°33	23°51	6°37	5°11	20°12	n.a.	F 20
S 21	9 25 14	23°21'08	3♑48	27°20	12°19	2° 4	22°34	15°29	28°27	10°34	23°51	6°R38	5° 8	20°18	n.a.	S 21
S 22	9 29 10	24°20'16	18°22	28°41	12°55	2°25	22°38	15°30	28°27	10°36	23°52	6°37	5° 5	20°25	n.a.	S 22
M23	9 33 7	25°19'22	3♒18	0♒ 3	13°32	2°47	22°43	15°31	28°26	10°38	23°52	6°35	5° 2	20°32	n.a.	M23
T 24	9 37 4	26°18'26	18°29	1°27	14°10	3° 9	22°48	15°32	28°25	10°40	23°52	6°30	4°58	20°39	n.a.	T 24
W25	9 41 0	27°17'28	3♓47	2°52	14°49	3°32	22°52	15°33	28°25	10°41	23°52	6°23	4°55	20°45	n.a.	W25
T 26	9 44 57	28°16'28	18°59	4°19	15°29	3°55	22°56	15°34	28°24	10°43	23°53	6°15	4°52	20°52	n.a.	T 26
F 27	9 48 53	29°15'25	3♈55	5°48	16°10	4°18	23° 0	15°34	28°23	10°45	23°53	6° 7	4°49	20°59	n.a.	F 27
S 28	9 52 50	0♓14'20	18♈28	7♒19	16♑53	4♊41	23♏ 4	15♏35	28♎22	10♑46	23♏53	6♋ 0	4♋46	21♌ 5	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	19s40	4n34	5s 2	21s48	1n40	16s21	7n19	22n18	2n47	17s25	0n43	14s43	1n54	10s41	0n26	23s25	0n 1	13s30	5n39	23n36	23n40	18n55			n.a.
M 2	19 26	9 43	4 34	22 0	1 28	16 27	7 13	22 21	2 46	17 27	0 43	14 43	1 54	10 41	0 26	23 25	0 1	13 30	5 39	23 36	23 40	18 53			n.a.
T 3	19 11	14 18	3 52	22 11	1 15	16 33	7 7	22 23	2 45	17 30	0 43	14 44	1 55	10 41	0 26	23 25	0 1	13 30	5 39	23 36	23 40	18 52			n.a.
W 4	18 56	18 6	2 59	22 21	1 2	16 40	7 0	22 26	2 44	17 32	0 43	14 45	1 55	10 41	0 26	23 25	0 0	13 30	5 39	23 36	23 40	18 50			n.a.
T 5	18 41	21 0	1 59	22 31	0 50	16 46	6 53	22 28	2 44	17 34	0 43	14 45	1 55	10 41	0 26	23 25	0 0	13 30	5 39	23 36	23 40	18 49			n.a.
F 6	18 25	22 52	0 55	22 39	0 38	16 53	6 46	22 31	2 43	17 36	0 43	14 46	1 55	10 42	0 26	23 25	0 0	13 31	5 39	23 36	23 40	18 47			n.a.
S 7	18 9	23 39	0n11	22 47	0 26	17 0	6 39	22 34	2 42	17 37	0 43	14 47	1 55	10 42	0 27	23 25	0 0	13 31	5 39	23 36	23 41	18 46			n.a.
S 8	17 53	23 20	1 16	22 54	0 15	17 7	6 31	22 37	2 41	17 39	0 43	14 47	1 55	10 42	0 27	23 24	0 0	13 31	5 39	23 36	23 41	18 44			n.a.
M 9	17 36	21 57	2 17	23 0	0 4	17 14	6 23	22 40	2 40	17 41	0 43	14 48	1 55	10 42	0 27	23 24	0 0	13 31	5 39	23 36	23 41	18 43			n.a.
T 10	17 19	19 36	3 11	23 5	0s 7	17 21	6 15	22 43	2 39	17 43	0 43	14 48	1 56	10 42	0 27	23 24	0 0	13 31	5 39	23 36	23 41	18 41			n.a.
W11	17 2	16 26	3 57	23 9	0 17	17 28	6 7	22 47	2 39	17 45	0 43	14 49	1 56	10 42	0 27	23 24	0 0	13 31	5 40	23 37	23 41	18 40			n.a.
T 12	16 45	12 37	4 33	23 11	0 27	17 35	5 59	22 50	2 38	17 46	0 43	14 49	1 56	10 42	0 27	23 24	0 0	13 31	5 40	23 37	23 41	18 38			n.a.
F 13	16 27	8 17	4 58	23 13	0 37	17 42	5 51	22 53	2 37	17 48	0 43	14 50	1 56	10 42	0 27	23 24	0 0	13 31	5 40	23 38	23 41	18 36			n.a.
S 14	16 9	3 37	5 9	23 13	0 46	17 49	5 43	22 56	2 36	17 50	0 43	14 50	1 56	10 41	0 27	23 24	0 0	13 31	5 40	23 38	23 42	18 35			n.a.
S 15	15 51	1s15	5 7	23 12	0 55	17 56	5 34	23 0	2 35	17 51	0 44	14 50	1 56	10 41	0 27	23 23	0 0	13 32	5 40	23 38	23 42	18 33			n.a.
M16	15 32	6 8	4 50	23 10	1 3	18 2	5 26	23 3	2 34	17 53	0 44	14 51	1 56	10 41	0 27	23 23	0 0	13 32	5 40	23 38	23 42	18 32			n.a.
T 17	15 14	10 53	4 20	23 6	1 11	18 9	5 17	23 7	2 34	17 54	0 44	14 51	1 57	10 41	0 27	23 23	0 0	13 32	5 40	23 39	23 42	18 30			n.a.
W18	14 55	15 16	3 35	23 1	1 19	18 15	5 9	23 10	2 33	17 56	0 44	14 51	1 57	10 41	0 27	23 23	0 0	13 32	5 40	23 39	23 42	18 29			n.a.
T 19	14 36	19 3	2 38	22 55	1 26	18 21	5 0	23 14	2 32	17 57	0 44	14 52	1 57	10 41	0 27	23 23	0 0	13 32	5 40	23 39	23 42	18 27			n.a.
F 20	14 16	21 54	1 30	22 47	1 32	18 27	4 51	23 17	2 31	17 58	0 44	14 52	1 57	10 41	0 27	23 23	0 0	13 32	5 40	23 38	23 42	18 25			n.a.
S 21	13 57	23 30	0 15	22 38	1 39	18 32	4 43	23 21	2 30	18 0	0 44	14 52	1 57	10 40	0 27	23 23	0 0	13 32	5 40	23 38	23 42	18 24			n.a.
S 22	13 37	23 34	1s 3	22 27	1 44	18 37	4 34	23 24	2 30	18 1	0 44	14 52	1 57	10 40	0 27	23 22	0 0	13 32	5 40	23 38	23 43	18 22			n.a.
M23	13 17	21 58	2 19	22 14	1 50	18 42	4 26	23 28	2 29	18 2	0 44	14 52	1 57	10 40	0 27	23 22	0 0	13 32	5 41	23 39	23 43	18 21			n.a.
T 24	12 56	18 46	3 26	22 0	1 55	18 47	4 17	23 32	2 28	18 3	0 44	14 52	1 58	10 40	0 27	23 22	0 0	13 32	5 41	23 39	23 43	18 19			n.a.
W25	12 36	14 17	4 19	21 45	1 59	18 51	4 9	23 35	2 27	18 4	0 44	14 52	1 58	10 39	0 27	23 22	0 0	13 32	5 41	23 39	23 43	18 17			n.a.
T 26	12 15	8 54	4 53	21 28	2 3	18 55	4 0	23 39	2 26	18 5	0 44	14 53	1 58	10 39	0 27	23 22	0 0	13 32	5 41	23 40	23 43	18 16			n.a.
F 27	11 55	3 5	5 6	21 9	2 7	18 58	3 52	23 43	2 25	18 6	0 44	14 53	1 58	10 39	0 27	23 22	0 0	13 32	5 41	23 40	23 43	18 14			n.a.
S 28	11s34	2n45	4s59	20s49	2s10	19s 2	3n44	23n46	2n25	18s 7	0n44	14s53	1n58	10s39	0n27	23s22	0n 0	13s32	5n41	23n40	23n43	18n13			n.a.

Julian Day Number = 1371179.5, Delta T = 06h50m32s
Ecliptic obliquity = 23°48'34, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°18'52, Lahiri = -17°11'51 Julian Calendar 1 Feb. 959 BCE == Greg. Calendar 23 Jan. 959 BCE

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ASTRODIENST EPHEMERIS for the year 959 BCE
geocentric

MARCH 959 BCE (-958) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 56 46	1♓13'12	2♉33	8♒50	17♑36	5♊ 5	23♏ 8	15♏35	28°R21	10♑48	23♏53	5°R55	4♋43	21♌12	n.a.	S 1
M 2	10 0 43	2°12'03	16° 8	10°24	18°20	5°28	23°12	15°35	28♎20	10°50	23°53	5♋51	4°39	21°19	n.a.	M 2
T 3	10 4 39	3°10'50	29°15	11°59	19° 5	5°53	23°15	15°35	28°19	10°51	23°54	5°D50	4°36	21°25	n.a.	T 3
W 4	10 8 36	4° 9'36	11♊58	13°36	19°51	6°17	23°18	15°R36	28°18	10°53	23°54	5°50	4°33	21°32	n.a.	W 4
T 5	10 12 32	5° 8'19	24°20	15°14	20°38	6°42	23°21	15°35	28°17	10°54	23°54	5°51	4°30	21°39	n.a.	T 5
F 6	10 16 29	6° 7'00	6♋28	16°53	21°26	7° 7	23°24	15°35	28°16	10°56	23°R54	5°R51	4°27	21°45	n.a.	F 6
S 7	10 20 26	7° 5'38	18°25	18°35	22°14	7°32	23°27	15°35	28°15	10°57	23°54	5°51	4°24	21°52	n.a.	S 7
S 8	10 24 22	8° 4'14	0♌16	20°17	23° 3	7°57	23°29	15°35	28°14	10°59	23°54	5°48	4°20	21°59	n.a.	S 8
M 9	10 28 19	9° 2'48	12° 5	22° 2	23°53	8°23	23°31	15°34	28°12	11° 0	23°53	5°42	4°17	22° 5	n.a.	M 9
T 10	10 32 15	10° 1'20	23°54	23°48	24°44	8°49	23°33	15°34	28°11	11° 1	23°53	5°34	4°14	22°12	n.a.	T 10
W11	10 36 12	10°59'49	5♍46	25°35	25°35	9°15	23°35	15°33	28°10	11° 3	23°53	5°24	4°11	22°19	n.a.	W11
T 12	10 40 8	11°58'17	17°43	27°24	26°27	9°41	23°37	15°33	28° 8	11° 4	23°53	5°12	4° 8	22°26	n.a.	T 12
F 13	10 44 5	12°56'42	29°46	29°15	27°20	10° 8	23°39	15°32	28° 7	11° 5	23°53	4°59	4° 4	22°32	n.a.	F 13
S 14	10 48 1	13°55'06	11♎56	1♓ 7	28°13	10°34	23°40	15°31	28° 5	11° 7	23°53	4°47	4° 1	22°39	n.a.	S 14
S 15	10 51 58	14°53'27	24°15	3° 1	29° 6	11° 1	23°41	15°30	28° 4	11° 8	23°52	4°36	3°58	22°46	n.a.	S 15
M16	10 55 54	15°51'47	6♏43	4°57	0♒ 1	11°28	23°42	15°29	28° 2	11° 9	23°52	4°28	3°55	22°52	n.a.	M16
T 17	10 59 51	16°50'05	19°24	6°54	0°55	11°56	23°43	15°28	28° 0	11°10	23°52	4°23	3°52	22°59	n.a.	T 17
W18	11 3 48	17°48'22	2♐20	8°52	1°51	12°23	23°43	15°26	27°59	11°12	23°51	4°20	3°49	23° 6	n.a.	W18
T 19	11 7 44	18°46'37	15°33	10°52	2°46	12°51	23°44	15°25	27°57	11°13	23°51	4°D19	3°45	23°12	n.a.	T 19
F 20	11 11 41	19°44'50	29° 7	12°54	3°43	13°19	23°44	15°23	27°55	11°14	23°50	4°R19	3°42	23°19	n.a.	F 20
S 21	11 15 37	20°43'02	13♑ 3	14°57	4°39	13°47	23°R44	15°22	27°54	11°15	23°50	4°19	3°39	23°26	n.a.	S 21
S 22	11 19 34	21°41'12	27°22	17° 1	5°37	14°15	23°44	15°20	27°52	11°16	23°50	4°17	3°36	23°32	n.a.	S 22
M23	11 23 30	22°39'20	12♒ 3	19° 7	6°34	14°43	23°44	15°19	27°50	11°17	23°49	4°13	3°33	23°39	n.a.	M23
T 24	11 27 27	23°37'27	27° 1	21°13	7°32	15°12	23°43	15°17	27°48	11°18	23°48	4° 7	3°30	23°46	n.a.	T 24
W25	11 31 23	24°35'33	12♓ 8	23°21	8°31	15°41	23°42	15°15	27°46	11°19	23°48	3°58	3°26	23°52	n.a.	W25
T 26	11 35 20	25°33'36	27°14	25°30	9°29	16°10	23°42	15°13	27°44	11°20	23°47	3°47	3°23	23°59	n.a.	T 26
F 27	11 39 17	26°31'38	12♈10	27°39	10°28	16°39	23°40	15°11	27°42	11°21	23°47	3°36	3°20	24° 6	n.a.	F 27
S 28	11 43 13	27°29'37	26°46	29°48	11°28	17° 8	23°39	15° 9	27°40	11°22	23°46	3°26	3°17	24°13	n.a.	S 28
S 29	11 47 10	28°27'35	10♉56	1♈58	12°28	17°37	23°38	15° 6	27°38	11°22	23°45	3°17	3°14	24°19	n.a.	S 29
M30	11 51 6	29°25'31	24°36	4° 7	13°28	18° 7	23°36	15° 4	27°36	11°23	23°45	3°11	3°10	24°26	n.a.	M30
T 31	11 55 3	0♈23'26	7♊48	6♈16	14♒28	18♊37	23♏34	15♏ 2	27♎34	11♑24	23♏44	3♋ 8	3♋ 7	24♌33	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	11s12	8n15	4s34	20s27	2s12	19s 4	3n36	23n50	2n24	18s 8	0n44	14s53	1n58	10s38	0n27	23s22	0n 0	13s32	5n41	23n41	23n43	18n11			n.a.
M 2	10 51	13 11	3 54	20 3	2 14	19 7	3 27	23 54	2 23	18 9	0 44	14 53	1 58	10 38	0 27	23 21	0 0	13 32	5 41	23 41	23 44	18 9			n.a.
T 3	10 30	17 19	3 3	19 38	2 16	19 8	3 19	23 57	2 22	18 10	0 44	14 52	1 58	10 37	0 27	23 21	0 0	13 32	5 41	23 41	23 44	18 8			n.a.
W 4	10 8	20 31	2 5	19 11	2 17	19 10	3 11	24 1	2 22	18 11	0 44	14 52	1 59	10 37	0 27	23 21	0 0	13 32	5 41	23 41	23 44	18 6			n.a.
T 5	9 46	22 40	1 1	18 42	2 18	19 11	3 3	24 4	2 21	18 11	0 44	14 52	1 59	10 37	0 27	23 21	0 0	13 31	5 41	23 41	23 44	18 4			n.a.
F 6	9 24	23 42	0n 3	18 12	2 18	19 11	2 55	24 8	2 20	18 12	0 44	14 52	1 59	10 36	0 27	23 21	0 0	13 31	5 41	23 41	23 44	18 3			n.a.
S 7	9 2	23 37	1 7	17 40	2 17	19 11	2 47	24 11	2 19	18 13	0 44	14 52	1 59	10 36	0 27	23 21	0 0	13 31	5 42	23 41	23 44	18 1			n.a.
S 8	8 40	22 28	2 7	17 6	2 17	19 11	2 40	24 15	2 18	18 13	0 44	14 52	1 59	10 35	0 27	23 21	0 0	13 31	5 42	23 41	23 44	17 59			n.a.
M 9	8 18	20 19	3 1	16 30	2 15	19 10	2 32	24 18	2 18	18 14	0 44	14 51	1 59	10 35	0 27	23 21	0 0	13 31	5 42	23 41	23 44	17 58			n.a.
T 10	7 56	17 19	3 47	15 53	2 13	19 9	2 24	24 22	2 17	18 14	0 44	14 51	1 59	10 34	0 27	23 21	0 0	13 31	5 42	23 41	23 44	17 56			n.a.
W11	7 33	13 36	4 23	15 14	2 11	19 7	2 17	24 25	2 16	18 15	0 44	14 51	2 0	10 34	0 27	23 20	0 0	13 31	5 42	23 42	23 45	17 54			n.a.
T 12	7 11	9 20	4 48	14 33	2 8	19 4	2 9	24 29	2 15	18 15	0 44	14 50	2 0	10 33	0 27	23 20	0 0	13 31	5 42	23 42	23 45	17 53			n.a.
F 13	6 48	4 41	5 1	13 51	2 4	19 1	2 2	24 32	2 15	18 16	0 44	14 50	2 0	10 33	0 27	23 20	0 0	13 31	5 42	23 43	23 45	17 51			n.a.
S 14	6 25	0s12	5 0	13 7	2 0	18 58	1 55	24 35	2 14	18 16	0 44	14 50	2 0	10 32	0 27	23 20	0 0	13 31	5 42	23 43	23 45	17 49			n.a.
S 15	6 2	5 8	4 45	12 21	1 56	18 54	1 48	24 38	2 13	18 16	0 44	14 49	2 0	10 32	0 27	23 20	0 0	13 30	5 42	23 44	23 45	17 48			n.a.
M16	5 40	9 57	4 16	11 33	1 50	18 50	1 40	24 41	2 12	18 17	0 44	14 49	2 0	10 31	0 27	23 20	0s 0	13 30	5 42	23 44	23 45	17 46			n.a.
T 17	5 17	14 25	3 34	10 44	1 45	18 45	1 33	24 45	2 12	18 17	0 44	14 48	2 0	10 30	0 27	23 20	0 0	13 30	5 42	23 44	23 45	17 44			n.a.
W18	4 53	18 19	2 41	9 53	1 38	18 39	1 27	24 48	2 11	18 17	0 44	14 48	2 0	10 30	0 27	23 20	0 0	13 30	5 42	23 44	23 45	17 42			n.a.
T 19	4 30	21 24	1 38	9 1	1 32	18 33	1 20	24 50	2 10	18 17	0 44	14 47	2 1	10 29	0 27	23 20	0 0	13 30	5 42	23 44	23 45	17 41			n.a.
F 20	4 7	23 21	0 28	8 7	1 24	18 26	1 13	24 53	2 9	18 17	0 44	14 47	2 1	10 29	0 27	23 20	0 0	13 30	5 42	23 44	23 45	17 39			n.a.
S 21	3 44	23 55	0s46	7 12	1 17	18 19	1 7	24 56	2 9	18 17	0 44	14 46	2 1	10 28	0 27	23 20	0 0	13 29	5 43	23 44	23 46	17 37			n.a.
S 22	3 21	22 57	1 59	6 15	1 8	18 11	1 0	24 59	2 8	18 17	0 44	14 46	2 1	10 27	0 27	23 19	0 0	13 29	5 43	23 44	23 46	17 36			n.a.
M23	2 57	20 24	3 5	5 17	1 0	18 3	0 54	25 2	2 7	18 17	0 44	14 45	2 1	10 27	0 27	23 19	0 0	13 29	5 43	23 44	23 46	17 34			n.a.
T 24	2 34	16 27	4 1	4 18	0 51	17 54	0 48	25 4	2 7	18 17	0 44	14 44	2 1	10 26	0 27	23 19	0 0	13 29	5 43	23 45	23 46	17 32			n.a.
W25	2 11	11 24	4 39	3 18	0 41	17 45	0 41	25 7	2 6	18 17	0 44	14 44	2 1	10 25	0 27	23 19	0 0	13 29	5 43	23 45	23 46	17 30			n.a.
T 26	1 47	5 40	4 59	2 18	0 31	17 35	0 35	25 9	2 5	18 16	0 44	14 43	2 1	10 25	0 27	23 19	0 0	13 28	5 43	23 45	23 46	17 29			n.a.
F 27	1 24	0n20	4 57	1 16	0 21	17 25	0 29	25 11	2 4	18 16	0 44	14 42	2 1	10 24	0 27	23 19	0 0	13 28	5 43	23 46	23 46	17 27			n.a.
S 28	1 1	6 11	4 36	0 14	0 11	17 14	0 24	25 14	2 4	18 16	0 44	14 42	2 2	10 23	0 27	23 19	0 0	13 28	5 43	23 46	23 46	17 25			n.a.
S 29	0 37	11 33	3 59	0n48	0n 0	17 3	0 18	25 16	2 3	18 15	0 44	14 41	2 2	10 22	0 27	23 19	0 0	13 28	5 43	23 46	23 46	17 23			n.a.
M30	0 14	16 10	3 9	1 50	0 11	16 51	0 12	25 18	2 2	18 15	0 44	14 40	2 2	10 22	0 27	23 19	0 0	13 28	5 43	23 46	23 46	17 21			n.a.
T 31	0n 9	19n49	2s10	2n51	0n22	16s38	0n 7	25n20	2n 2	18s15	0n44	14s39	2n 2	10s21	0n27	23s19	0s 0	13s27	5n43	23n46	23n46	17n20			n.a.

Julian Day Number = 1371207.5, Delta T = 06h50m30s
Ecliptic obliquity = 23°48'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°18'48, Lahiri = -17°11'48 Julian Calendar 1 March 959 BCE == Greg. Calendar 20 Feb. 959 BCE

The year -958 astronomical counting style corresponds to year 959 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 959 BCE
geocentric

APRIL 959 BCE (-958) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 58 59	1♈21'18	20♊34	8♈24	15♒29	19♊ 6	23°R32	14°R59	27°R32	11♑25	23°R43	3°R 7	3♋ 4	24♌39	n.a.	W 1
T 2	12 2 56	2°19'08	2♋59	10°32	16°30	19°36	23♏30	14♏57	27♎30	11°26	23♏42	3♋ 7	3° 1	24°46	n.a.	T 2
F 3	12 6 52	3°16'57	15° 7	12°38	17°31	20° 7	23°28	14°54	27°28	11°26	23°42	3° 7	2°58	24°53	n.a.	F 3
S 4	12 10 49	4°14'44	27° 3	14°42	18°33	20°37	23°25	14°51	27°25	11°27	23°41	3° 5	2°55	24°59	n.a.	S 4
S 5	12 14 46	5°12'28	8♌54	16°45	19°35	21° 7	23°22	14°48	27°23	11°27	23°40	3° 2	2°51	25° 6	n.a.	S 5
M 6	12 18 42	6°10'11	20°43	18°45	20°37	21°38	23°19	14°46	27°21	11°28	23°39	2°56	2°48	25°13	n.a.	M 6
T 7	12 22 39	7° 7'53	2♍34	20°43	21°39	22° 9	23°16	14°43	27°19	11°29	23°38	2°47	2°45	25°19	n.a.	T 7
W 8	12 26 35	8° 5'32	14°30	22°39	22°42	22°39	23°13	14°40	27°16	11°29	23°37	2°36	2°42	25°26	n.a.	W 8
T 9	12 30 32	9° 3'10	26°35	24°32	23°45	23°10	23°10	14°36	27°14	11°30	23°36	2°23	2°39	25°33	n.a.	T 9
F 10	12 34 28	10° 0'47	8♎48	26°22	24°48	23°41	23° 6	14°33	27°12	11°30	23°35	2°10	2°35	25°40	n.a.	F 10
S 11	12 38 25	10°58'22	21°10	28° 9	25°52	24°13	23° 2	14°30	27° 9	11°30	23°34	1°57	2°32	25°46	n.a.	S 11
S 12	12 42 21	11°55'56	3♏43	29°54	26°55	24°44	22°58	14°27	27° 7	11°31	23°33	1°45	2°29	25°53	n.a.	S 12
M13	12 46 18	12°53'28	16°27	1♉35	27°59	25°15	22°54	14°23	27° 5	11°31	23°32	1°36	2°26	26° 0	n.a.	M13
T 14	12 50 14	13°51'00	29°22	3°13	29° 3	25°47	22°50	14°20	27° 2	11°32	23°31	1°30	2°23	26° 6	n.a.	T 14
W15	12 54 11	14°48'30	12♐29	4°48	0♓ 7	26°19	22°45	14°17	27° 0	11°32	23°30	1°27	2°20	26°13	n.a.	W15
T 16	12 58 8	15°46'00	25°49	6°20	1°12	26°50	22°41	14°13	26°57	11°32	23°29	1°D26	2°16	26°20	n.a.	T 16
F 17	13 2 4	16°43'28	9♑24	7°48	2°16	27°22	22°36	14° 9	26°55	11°32	23°28	1°26	2°13	26°26	n.a.	F 17
S 18	13 6 1	17°40'56	23°16	9°13	3°21	27°54	22°31	14° 6	26°53	11°33	23°26	1°R26	2°10	26°33	n.a.	S 18
S 19	13 9 57	18°38'22	7♒24	10°34	4°26	28°26	22°26	14° 2	26°50	11°33	23°25	1°25	2° 7	26°40	n.a.	S 19
M20	13 13 54	19°35'48	21°48	11°52	5°31	28°59	22°21	13°58	26°48	11°33	23°24	1°21	2° 4	26°47	n.a.	M20
T 21	13 17 50	20°33'13	6♓26	13° 7	6°37	29°31	22°16	13°55	26°45	11°33	23°23	1°16	2° 1	26°53	n.a.	T 21
W22	13 21 47	21°30'37	21°12	14°18	7°42	0♋ 3	22°10	13°51	26°43	11°33	23°22	1° 7	1°57	27° 0	n.a.	W22
T 23	13 25 43	22°28'00	5♈58	15°26	8°48	0°36	22° 5	13°47	26°40	11°R33	23°20	0°58	1°54	27° 7	n.a.	T 23
F 24	13 29 40	23°25'22	20°37	16°30	9°54	1° 9	21°59	13°43	26°38	11°33	23°19	0°48	1°51	27°13	n.a.	F 24
S 25	13 33 37	24°22'43	5♉ 1	17°30	11° 0	1°41	21°53	13°39	26°35	11°33	23°18	0°38	1°48	27°20	n.a.	S 25
S 26	13 37 33	25°20'03	19° 3	18°26	12° 6	2°14	21°47	13°35	26°33	11°33	23°16	0°30	1°45	27°27	n.a.	S 26
M27	13 41 30	26°17'22	2♊41	19°19	13°12	2°47	21°41	13°31	26°30	11°33	23°15	0°25	1°41	27°33	n.a.	M27
T 28	13 45 26	27°14'40	15°53	20° 7	14°18	3°20	21°34	13°27	26°28	11°33	23°14	0°22	1°38	27°40	n.a.	T 28
W29	13 49 23	28°11'57	28°41	20°52	15°25	3°53	21°28	13°23	26°25	11°33	23°12	0°D21	1°35	27°47	n.a.	W29
T 30	13 53 19	29♈ 9'13	11♋ 7	21♉32	16♓32	4♋27	21♏22	13♏18	26♎23	11♑32	23♏11	0♋21	1♋32	27♌54	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n33	22n22	1s 6	3n53	0n32	16s25	0n 1	25n22	2n 1	18s14	0n44	14s38	2n 2	10s20	0n27	23s19	0s 0	13s27	5n43	23n46	23n46	17n18		n.a.
T 2	0 56	23 46	0 1	4 53	0 43	16 12	0s 4	25 24	2 0	18 14	0 44	14 38	2 2	10 19	0 27	23 19	0 0	13 27	5 43	23 46	23 46	17 16		n.a.
F 3	1 19	23 59	1n 3	5 53	0 53	15 58	0 9	25 25	2 0	18 13	0 44	14 37	2 2	10 18	0 27	23 19	0 0	13 27	5 43	23 46	23 47	17 14		n.a.
S 4	1 43	23 5	2 3	6 51	1 4	15 43	0 14	25 27	1 59	18 12	0 44	14 36	2 2	10 18	0 27	23 19	0 0	13 26	5 43	23 46	23 47	17 13		n.a.
S 5	2 6	21 9	2 57	7 48	1 13	15 29	0 19	25 28	1 58	18 12	0 44	14 35	2 2	10 17	0 27	23 19	0 0	13 26	5 43	23 46	23 47	17 11		n.a.
M 6	2 29	18 20	3 43	8 44	1 23	15 13	0 24	25 30	1 57	18 11	0 44	14 34	2 2	10 16	0 27	23 19	0 0	13 26	5 43	23 47	23 47	17 9		n.a.
T 7	2 52	14 45	4 20	9 38	1 32	14 57	0 29	25 31	1 57	18 10	0 44	14 33	2 2	10 15	0 27	23 19	0 0	13 26	5 43	23 47	23 47	17 7		n.a.
W 8	3 15	10 34	4 45	10 30	1 40	14 41	0 33	25 32	1 56	18 9	0 44	14 32	2 2	10 14	0 27	23 19	0 0	13 25	5 43	23 47	23 47	17 5		n.a.
T 9	3 39	5 56	4 58	11 20	1 48	14 24	0 38	25 33	1 55	18 8	0 44	14 31	2 3	10 14	0 27	23 19	0 0	13 25	5 43	23 47	23 47	17 3		n.a.
F 10	4 2	1 1	4 58	12 7	1 56	14 7	0 42	25 34	1 55	18 8	0 44	14 30	2 3	10 13	0 27	23 19	0 0	13 25	5 43	23 48	23 47	17 2		n.a.
S 11	4 24	4s 1	4 44	12 53	2 3	13 49	0 46	25 35	1 54	18 7	0 44	14 29	2 3	10 12	0 27	23 18	0 0	13 25	5 44	23 48	23 47	17 0		n.a.
S 12	4 47	8 57	4 15	13 36	2 9	13 31	0 51	25 35	1 53	18 6	0 44	14 28	2 3	10 11	0 27	23 18	0 0	13 24	5 44	23 48	23 47	16 58		n.a.
M13	5 10	13 36	3 34	14 18	2 14	13 13	0 55	25 36	1 53	18 5	0 44	14 27	2 3	10 10	0 27	23 18	0 0	13 24	5 44	23 48	23 47	16 56		n.a.
T 14	5 33	17 42	2 41	14 56	2 19	12 54	0 59	25 36	1 52	18 4	0 44	14 26	2 3	10 9	0 27	23 18	0 0	13 24	5 44	23 48	23 47	16 54		n.a.
W15	5 55	21 1	1 39	15 33	2 22	12 34	1 2	25 37	1 51	18 2	0 44	14 25	2 3	10 8	0 27	23 18	0 0	13 23	5 44	23 48	23 47	16 52		n.a.
T 16	6 18	23 15	0 30	16 7	2 25	12 15	1 6	25 37	1 51	18 1	0 44	14 24	2 3	10 8	0 27	23 18	0 0	13 23	5 44	23 48	23 47	16 51		n.a.
F 17	6 40	24 10	0s42	16 39	2 28	11 55	1 10	25 37	1 50	18 0	0 44	14 23	2 3	10 7	0 27	23 18	0 0	13 23	5 44	23 48	23 47	16 49		n.a.
S 18	7 3	23 38	1 53	17 8	2 29	11 34	1 13	25 37	1 49	17 59	0 44	14 22	2 3	10 6	0 27	23 18	0 0	13 23	5 44	23 48	23 47	16 47		n.a.
S 19	7 25	21 35	2 58	17 35	2 30	11 13	1 17	25 37	1 49	17 58	0 44	14 20	2 3	10 5	0 27	23 18	0 0	13 22	5 44	23 48	23 48	16 45		n.a.
M20	7 47	18 8	3 54	18 0	2 30	10 52	1 20	25 36	1 48	17 56	0 44	14 19	2 3	10 4	0 27	23 18	0 0	13 22	5 44	23 48	23 48	16 43		n.a.
T 21	8 9	13 32	4 35	18 23	2 29	10 30	1 23	25 36	1 47	17 55	0 44	14 18	2 3	10 3	0 27	23 18	0 0	13 22	5 44	23 48	23 48	16 41		n.a.
W22	8 31	8 5	4 58	18 43	2 27	10 8	1 26	25 35	1 47	17 54	0 43	14 17	2 3	10 2	0 27	23 18	0 0	13 21	5 44	23 48	23 48	16 39		n.a.
T 23	8 52	2 11	5 1	19 1	2 24	9 46	1 29	25 35	1 46	17 52	0 43	14 16	2 3	10 1	0 27	23 18	0 0	13 21	5 44	23 48	23 48	16 37		n.a.
F 24	9 14	3n47	4 45	19 16	2 21	9 23	1 32	25 34	1 45	17 51	0 43	14 15	2 3	10 0	0 27	23 18	0 1	13 21	5 44	23 48	23 48	16 36		n.a.
S 25	9 36	9 28	4 10	19 30	2 17	9 0	1 34	25 33	1 45	17 49	0 43	14 13	2 3	9 59	0 27	23 18	0 1	13 20	5 44	23 48	23 48	16 34		n.a.
S 26	9 57	14 32	3 21	19 41	2 11	8 37	1 37	25 32	1 44	17 48	0 43	14 12	2 3	9 59	0 27	23 18	0 1	13 20	5 44	23 49	23 48	16 32		n.a.
M27	10 18	18 42	2 22	19 50	2 5	8 14	1 39	25 30	1 43	17 46	0 43	14 11	2 3	9 58	0 27	23 18	0 1	13 20	5 44	23 49	23 48	16 30		n.a.
T 28	10 39	21 47	1 16	19 57	1 58	7 50	1 42	25 29	1 43	17 45	0 43	14 10	2 3	9 57	0 27	23 19	0 1	13 20	5 44	23 49	23 48	16 28		n.a.
W29	11 0	23 39	0 9	20 1	1 51	7 26	1 44	25 27	1 42	17 43	0 43	14 8	2 3	9 56	0 27	23 19	0 1	13 19	5 44	23 49	23 48	16 26		n.a.
T 30	11n21	24n17	0n57	20n 4	1n42	7s 1	1s46	25n26	1n42	17s41	0n43	14s 7	2n 3	9s55	0n27	23s19	0s 1	13s19	5n44	23n49	23n48	16n24		n.a.

Julian Day Number = 1371238.5, Delta T = 06h50m29s
Ecliptic obliquity = 23°48'35, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°18'44, Lahiri = -17°11'43 Julian Calendar 1 Apr. 959 BCE == Greg. Calendar 23 March 959 BCE

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ASTRODIENST EPHEMERIS for the year 959 BCE
geocentric

MAY 959 BCE (-958) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 57 16	0♉ 6'28	23♋18	22♉ 9	17♓39	5♋ 0	21°R15	13°R14	26°R20	11°R32	23°R10	0♋22	1♋29	28♌ 0	n.a.	F 1
S 2	14 1 12	1° 3'42	5♌16	22°41	18°45	5°34	21♏ 8	13♏10	26♎18	11♑32	23♏ 8	0°R22	1°26	28° 7	n.a.	S 2
S 3	14 5 9	2° 0'54	17° 8	23° 8	19°52	6° 7	21° 2	13° 6	26°16	11°32	23° 7	0°21	1°22	28°14	n.a.	S 3
M 4	14 9 6	2°58'06	28°59	23°31	21° 0	6°41	20°55	13° 1	26°13	11°31	23° 6	0°17	1°19	28°20	n.a.	M 4
T 5	14 13 2	3°55'17	10♍53	23°50	22° 7	7°14	20°48	12°57	26°11	11°31	23° 4	0°12	1°16	28°27	n.a.	T 5
W 6	14 16 59	4°52'26	22°55	24° 4	23°14	7°48	20°41	12°53	26° 8	11°31	23° 3	0° 4	1°13	28°34	n.a.	W 6
T 7	14 20 55	5°49'35	5♎ 6	24°14	24°22	8°22	20°34	12°48	26° 6	11°30	23° 1	29♊56	1°10	28°40	n.a.	T 7
F 8	14 24 52	6°46'44	17°29	24°19	25°30	8°56	20°26	12°44	26° 3	11°30	23° 0	29°46	1° 6	28°47	n.a.	F 8
S 9	14 28 48	7°43'51	0♏ 6	24°R19	26°37	9°30	20°19	12°40	26° 1	11°29	22°58	29°37	1° 3	28°54	n.a.	S 9
S 10	14 32 45	8°40'58	12°56	24°15	27°45	10° 4	20°12	12°35	25°58	11°29	22°57	29°29	1° 0	29° 1	n.a.	S 10
M11	14 36 41	9°38'05	25°59	24° 7	28°53	10°39	20° 4	12°31	25°56	11°28	22°55	29°23	0°57	29° 7	n.a.	M11
T 12	14 40 38	10°35'11	9♐14	23°54	0♈ 1	11°13	19°57	12°27	25°54	11°28	22°54	29°19	0°54	29°14	n.a.	T 12
W13	14 44 35	11°32'17	22°41	23°38	1° 9	11°47	19°50	12°22	25°51	11°27	22°52	29°17	0°51	29°21	n.a.	W13
T 14	14 48 31	12°29'23	6♑19	23°17	2°18	12°22	19°42	12°18	25°49	11°26	22°51	29°D17	0°47	29°27	n.a.	T 14
F 15	14 52 28	13°26'29	20° 7	22°54	3°26	12°56	19°34	12°14	25°47	11°26	22°49	29°18	0°44	29°34	n.a.	F 15
S 16	14 56 24	14°23'35	4♒ 5	22°27	4°35	13°31	19°27	12° 9	25°44	11°25	22°48	29°19	0°41	29°41	n.a.	S 16
S 17	15 0 21	15°20'41	18°11	21°57	5°43	14° 6	19°19	12° 5	25°42	11°24	22°46	29°R20	0°38	29°47	n.a.	S 17
M18	15 4 17	16°17'46	2♓26	21°25	6°52	14°40	19°12	12° 0	25°40	11°24	22°45	29°18	0°35	29°54	n.a.	M18
T 19	15 8 14	17°14'52	16°46	20°52	8° 1	15°15	19° 4	11°56	25°38	11°23	22°43	29°16	0°32	0♍ 1	n.a.	T 19
W20	15 12 11	18°11'58	1♈ 8	20°17	9°10	15°50	18°56	11°52	25°35	11°22	22°42	29°11	0°28	0° 8	n.a.	W20
T 21	15 16 7	19° 9'04	15°28	19°42	10°19	16°25	18°49	11°47	25°33	11°21	22°40	29° 5	0°25	0°14	n.a.	T 21
F 22	15 20 4	20° 6'10	29°41	19° 7	11°28	17° 0	18°41	11°43	25°31	11°20	22°39	28°59	0°22	0°21	n.a.	F 22
S 23	15 24 0	21° 3'16	13♉42	18°32	12°37	17°36	18°33	11°39	25°29	11°20	22°37	28°54	0°19	0°28	n.a.	S 23
S 24	15 27 57	22° 0'22	27°25	17°59	13°46	18°11	18°26	11°34	25°27	11°19	22°36	28°49	0°16	0°34	n.a.	S 24
M25	15 31 53	22°57'28	10♊50	17°27	14°55	18°46	18°18	11°30	25°24	11°18	22°34	28°46	0°12	0°41	n.a.	M25
T 26	15 35 50	23°54'34	23°54	16°58	16° 5	19°22	18°10	11°26	25°22	11°17	22°33	28°D45	0° 9	0°48	n.a.	T 26
W27	15 39 46	24°51'40	6♋37	16°32	17°14	19°57	18° 3	11°22	25°20	11°16	22°31	28°45	0° 6	0°55	n.a.	W27
T 28	15 43 43	25°48'46	19° 3	16° 9	18°24	20°33	17°55	11°17	25°18	11°15	22°29	28°46	0° 3	1° 1	n.a.	T 28
F 29	15 47 40	26°45'51	1♌13	15°50	19°34	21° 9	17°48	11°13	25°16	11°14	22°28	28°48	29♊59	1° 8	n.a.	F 29
S 30	15 51 36	27°42'57	13°13	15°35	20°43	21°44	17°40	11° 9	25°14	11°13	22°26	28°49	29°57	1°15	n.a.	S 30
S 31	15 55 33	28♉40'02	25♌ 7	15♉24	21♈53	22♋20	17♏33	11♏ 5	25♎12	11♑12	22♏25	28°R50	29♊53	1♍21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n41	23n44	1n59	20n 5	1n33	6s37	1s48	25n24	1n41	17s40	0n43	14s 6	2n 3	9s54	0n27	23s19	0s 1	13s19	5n44	23n49	23n48	16n22		n.a.
S 2	12 1	22 5	2 55	20 3	1 22	6 12	1 50	25 22	1 40	17 38	0 43	14 5	2 3	9 53	0 27	23 19	0 1	13 18	5 43	23 49	23 48	16 20		n.a.
S 3	12 21	19 29	3 43	19 59	1 11	5 47	1 52	25 19	1 40	17 36	0 43	14 3	2 3	9 52	0 27	23 19	0 1	13 18	5 43	23 49	23 48	16 18		n.a.
M 4	12 41	16 4	4 21	19 54	0 59	5 21	1 53	25 17	1 39	17 35	0 43	14 2	2 3	9 51	0 27	23 19	0 1	13 18	5 43	23 49	23 48	16 16		n.a.
T 5	13 1	12 2	4 48	19 46	0 47	4 56	1 55	25 15	1 38	17 33	0 42	14 1	2 3	9 50	0 27	23 19	0 1	13 17	5 43	23 49	23 48	16 14		n.a.
W 6	13 21	7 29	5 3	19 37	0 33	4 30	1 56	25 12	1 38	17 31	0 42	13 59	2 3	9 50	0 27	23 19	0 1	13 17	5 43	23 49	23 48	16 12		n.a.
T 7	13 40	2 35	5 4	19 26	0 19	4 4	1 58	25 9	1 37	17 29	0 42	13 58	2 3	9 49	0 27	23 19	0 1	13 17	5 43	23 49	23 48	16 11		n.a.
F 8	13 59	2s30	4 51	19 13	0 5	3 38	1 59	25 6	1 36	17 27	0 42	13 57	2 3	9 48	0 27	23 19	0 1	13 16	5 43	23 49	23 48	16 9		n.a.
S 9	14 18	7 34	4 24	18 58	0s11	3 12	2 0	25 3	1 36	17 26	0 42	13 56	2 3	9 47	0 27	23 19	0 1	13 16	5 43	23 49	23 48	16 7		n.a.
S 10	14 37	12 25	3 43	18 42	0 26	2 45	2 1	25 0	1 35	17 24	0 42	13 54	2 3	9 46	0 27	23 19	0 1	13 16	5 43	23 49	23 48	16 5		n.a.
M11	14 55	16 48	2 49	18 24	0 43	2 19	2 2	24 57	1 35	17 22	0 42	13 53	2 3	9 45	0 27	23 19	0 1	13 15	5 43	23 48	23 48	16 3		n.a.
T 12	15 14	20 26	1 46	18 5	0 59	1 52	2 3	24 53	1 34	17 20	0 42	13 52	2 3	9 44	0 27	23 19	0 1	13 15	5 43	23 48	23 48	16 1		n.a.
W13	15 32	23 1	0 36	17 45	1 16	1 25	2 4	24 50	1 33	17 18	0 42	13 50	2 3	9 43	0 27	23 19	0 1	13 15	5 43	23 48	23 48	15 59		n.a.
T 14	15 49	24 17	0s38	17 24	1 32	0 58	2 4	24 46	1 33	17 16	0 41	13 49	2 3	9 43	0 27	23 19	0 1	13 15	5 43	23 48	23 48	15 57		n.a.
F 15	16 7	24 5	1 50	17 2	1 49	0 31	2 5	24 42	1 32	17 14	0 41	13 48	2 3	9 42	0 27	23 19	0 1	13 14	5 43	23 48	23 48	15 55		n.a.
S 16	16 24	22 24	2 57	16 39	2 5	0 4	2 5	24 38	1 31	17 12	0 41	13 47	2 3	9 41	0 27	23 19	0 1	13 14	5 43	23 48	23 48	15 53		n.a.
S 17	16 41	19 18	3 53	16 16	2 21	0n23	2 6	24 33	1 31	17 10	0 41	13 45	2 3	9 40	0 27	23 19	0 1	13 14	5 43	23 48	23 48	15 51		n.a.
M18	16 58	15 3	4 36	15 53	2 36	0 51	2 6	24 29	1 30	17 8	0 41	13 44	2 2	9 39	0 27	23 20	0 1	13 13	5 43	23 48	23 49	15 49		n.a.
T 19	17 15	9 55	5 2	15 30	2 51	1 18	2 6	24 24	1 30	17 6	0 41	13 43	2 2	9 38	0 27	23 20	0 1	13 13	5 42	23 48	23 49	15 47		n.a.
W20	17 31	4 15	5 9	15 7	3 5	1 45	2 6	24 19	1 29	17 4	0 41	13 41	2 2	9 38	0 27	23 20	0 1	13 13	5 42	23 48	23 49	15 45		n.a.
T 21	17 47	1n38	4 57	14 45	3 18	2 13	2 6	24 15	1 28	17 2	0 40	13 40	2 2	9 37	0 27	23 20	0 1	13 12	5 42	23 48	23 49	15 43		n.a.
F 22	18 3	7 23	4 26	14 24	3 30	2 40	2 6	24 9	1 28	17 0	0 40	13 39	2 2	9 36	0 27	23 20	0 1	13 12	5 42	23 48	23 49	15 41		n.a.
S 23	18 18	12 42	3 40	14 4	3 41	3 8	2 6	24 4	1 27	16 58	0 40	13 38	2 2	9 35	0 27	23 20	0 1	13 12	5 42	23 48	23 49	15 39		n.a.
S 24	18 33	17 16	2 42	13 46	3 50	3 35	2 6	23 59	1 26	16 56	0 40	13 36	2 2	9 35	0 27	23 20	0 1	13 12	5 42	23 48	23 49	15 37		n.a.
M25	18 48	20 50	1 36	13 30	3 58	4 3	2 5	23 53	1 26	16 54	0 40	13 35	2 2	9 34	0 27	23 20	0 1	13 11	5 42	23 48	23 49	15 35		n.a.
T 26	19 2	23 14	0 26	13 15	4 5	4 30	2 5	23 47	1 25	16 52	0 40	13 34	2 2	9 33	0 27	23 20	0 1	13 11	5 42	23 48	23 49	15 33		n.a.
W27	19 17	24 21	0n43	13 3	4 10	4 58	2 4	23 42	1 25	16 50	0 40	13 33	2 2	9 32	0 27	23 20	0 1	13 11	5 42	23 48	23 49	15 30		n.a.
T 28	19 30	24 13	1 49	12 52	4 14	5 25	2 3	23 36	1 24	16 48	0 39	13 32	2 2	9 32	0 27	23 20	0 1	13 10	5 42	23 48	23 49	15 28		n.a.
F 29	19 44	22 56	2 48	12 45	4 16	5 53	2 3	23 29	1 23	16 46	0 39	13 30	2 1	9 31	0 27	23 21	0 1	13 10	5 41	23 48	23 49	15 26		n.a.
S 30	19 57	20 36	3 39	12 39	4 17	6 20	2 2	23 23	1 23	16 44	0 39	13 29	2 1	9 30	0 26	23 21	0 1	13 10	5 41	23 48	23 49	15 24		n.a.
S 31	20n10	17n26	4n21	12n37	4s17	6n47	2s 1	23n16	1n22	16s42	0n39	13s28	2n 1	9s29	0n26	23s21	0s 1	13s10	5n41	23n48	23n49	15n22		n.a.

Julian Day Number = 1371268.5, Delta T = 06h50m27s
Ecliptic obliquity = 23°48'35, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°18'40, Lahiri = -17°11'39 Julian Calendar 1 May 959 BCE == Greg. Calendar 22 Apr. 959 BCE

The year -958 astronomical counting style corresponds to year 959 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 959 BCE
geocentric

JUNE 959 BCE (-958) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 59 29	29♉37'08	6♍59	15°R18	23♈ 3	22♋56	17°R25	11°R 1	25°R11	11°R11	22°R23	28°R50	29♊50	1♍28	n.a.	M 1
T 2	16 3 26	0♊34'13	18°55	15°D17	24°13	23°32	17♏18	10♏57	25♎ 9	11♑ 9	22♏22	28♊49	29°47	1°35	n.a.	T 2
W 3	16 7 22	1°31'18	0♎59	15♉21	25°23	24° 8	17°11	10°53	25° 7	11° 8	22°20	28°46	29°44	1°41	n.a.	W 3
T 4	16 11 19	2°28'24	13°14	15°30	26°33	24°44	17° 4	10°49	25° 5	11° 7	22°19	28°43	29°41	1°48	n.a.	T 4
F 5	16 15 16	3°25'30	25°45	15°44	27°43	25°20	16°57	10°45	25° 3	11° 6	22°17	28°39	29°38	1°55	n.a.	F 5
S 6	16 19 12	4°22'35	8♏32	16° 4	28°53	25°56	16°50	10°41	25° 1	11° 5	22°16	28°35	29°34	2° 2	n.a.	S 6
S 7	16 23 9	5°19'42	21°37	16°29	0♉ 4	26°33	16°43	10°38	25° 0	11° 3	22°14	28°32	29°31	2° 8	n.a.	S 7
M 8	16 27 5	6°16'48	5♐ 0	16°59	1°14	27° 9	16°36	10°34	24°58	11° 2	22°13	28°29	29°28	2°15	n.a.	M 8
T 9	16 31 2	7°13'56	18°38	17°34	2°24	27°45	16°29	10°30	24°57	11° 1	22°11	28°28	29°25	2°22	n.a.	T 9
W10	16 34 58	8°11'03	2♑30	18°15	3°35	28°22	16°22	10°27	24°55	11° 0	22°10	28°D28	29°22	2°28	n.a.	W10
T 11	16 38 55	9° 8'12	16°33	19° 1	4°45	28°59	16°16	10°23	24°53	10°58	22° 8	28°28	29°18	2°35	n.a.	T 11
F 12	16 42 51	10° 5'21	0♒44	19°52	5°56	29°35	16° 9	10°19	24°52	10°57	22° 7	28°30	29°15	2°42	n.a.	F 12
S 13	16 46 48	11° 2'31	14°58	20°48	7° 7	0♌12	16° 3	10°16	24°50	10°56	22° 5	28°31	29°12	2°49	n.a.	S 13
S 14	16 50 45	11°59'42	29°14	21°50	8°18	0°49	15°57	10°13	24°49	10°54	22° 4	28°32	29° 9	2°55	n.a.	S 14
M15	16 54 41	12°56'54	13♓29	22°56	9°28	1°25	15°51	10° 9	24°48	10°53	22° 3	28°R32	29° 6	3° 2	n.a.	M15
T 16	16 58 38	13°54'07	27°39	24° 7	10°39	2° 2	15°45	10° 6	24°46	10°51	22° 1	28°32	29° 3	3° 9	n.a.	T 16
W17	17 2 34	14°51'21	11♈44	25°23	11°50	2°39	15°39	10° 3	24°45	10°50	22° 0	28°31	28°59	3°15	n.a.	W17
T 18	17 6 31	15°48'36	25°40	26°44	13° 1	3°16	15°33	10° 0	24°44	10°49	21°58	28°29	28°56	3°22	n.a.	T 18
F 19	17 10 27	16°45'52	9♉26	28° 9	14°13	3°54	15°27	9°56	24°43	10°47	21°57	28°28	28°53	3°29	n.a.	F 19
S 20	17 14 24	17°43'09	23° 0	29°38	15°24	4°31	15°22	9°53	24°41	10°46	21°56	28°26	28°50	3°36	n.a.	S 20
S 21	17 18 21	18°40'28	6♊19	1♊12	16°35	5° 8	15°17	9°50	24°40	10°44	21°54	28°25	28°47	3°42	n.a.	S 21
M22	17 22 17	19°37'47	19°23	2°50	17°46	5°45	15°11	9°48	24°39	10°43	21°53	28°25	28°44	3°49	n.a.	M22
T 23	17 26 14	20°35'07	2♋12	4°32	18°58	6°23	15° 6	9°45	24°38	10°41	21°52	28°D25	28°40	3°56	n.a.	T 23
W24	17 30 10	21°32'28	14°45	6°17	20° 9	7° 0	15° 2	9°42	24°37	10°40	21°50	28°25	28°37	4° 2	n.a.	W24
T 25	17 34 7	22°29'50	27° 4	8° 6	21°21	7°38	14°57	9°39	24°36	10°38	21°49	28°26	28°34	4° 9	n.a.	T 25
F 26	17 38 3	23°27'13	9♌12	9°57	22°32	8°15	14°52	9°37	24°35	10°37	21°48	28°26	28°31	4°16	n.a.	F 26
S 27	17 42 0	24°24'37	21°10	11°52	23°44	8°53	14°48	9°34	24°34	10°35	21°47	28°27	28°28	4°23	n.a.	S 27
S 28	17 45 56	25°22'01	3♍ 4	13°48	24°56	9°31	14°44	9°32	24°34	10°34	21°46	28°27	28°24	4°29	n.a.	S 28
M29	17 49 53	26°19'27	14°56	15°47	26° 7	10° 8	14°40	9°30	24°33	10°32	21°44	28°27	28°21	4°36	n.a.	M29
T 30	17 53 50	27♊16'53	26♍51	17♊48	27♉19	10♌46	14♏36	9♏27	24♎32	10♑30	21♏43	28°R27	28♊18	4♍43	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n23	13n34	4n51	12n37	4s15	7n14	2s 0	23n10	1n21	16s41	0n39	13s27	2n 1	9s29	0n26	23s21	0s 1	13s 9	5n41	23n48	23n49	15n20		n.a.
T 2	20 35	9 10	5 9	12 39	4 12	7 42	1 59	23 3	1 21	16 39	0 39	13 26	2 1	9 28	0 26	23 21	0 1	13 9	5 41	23 48	23 49	15 18		n.a.
W 3	20 47	4 23	5 13	12 44	4 8	8 8	1 58	22 56	1 20	16 37	0 38	13 25	2 1	9 27	0 26	23 21	0 1	13 9	5 41	23 48	23 49	15 16		n.a.
T 4	20 59	0s39	5 3	12 52	4 3	8 35	1 56	22 49	1 20	16 35	0 38	13 24	2 1	9 27	0 26	23 21	0 1	13 9	5 41	23 48	23 49	15 14		n.a.
F 5	21 10	5 46	4 39	13 2	3 56	9 2	1 55	22 42	1 19	16 33	0 38	13 23	2 0	9 26	0 26	23 21	0 1	13 8	5 41	23 48	23 49	15 12		n.a.
S 6	21 21	10 46	4 1	13 15	3 49	9 29	1 54	22 34	1 18	16 31	0 38	13 21	2 0	9 26	0 26	23 21	0 1	13 8	5 40	23 48	23 49	15 10		n.a.
S 7	21 31	15 25	3 9	13 30	3 41	9 55	1 52	22 26	1 18	16 29	0 38	13 20	2 0	9 25	0 26	23 22	0 1	13 8	5 40	23 48	23 49	15 8		n.a.
M 8	21 41	19 24	2 6	13 47	3 31	10 21	1 51	22 19	1 17	16 28	0 37	13 19	2 0	9 24	0 26	23 22	0 1	13 8	5 40	23 48	23 49	15 6		n.a.
T 9	21 51	22 25	0 54	14 7	3 22	10 47	1 49	22 11	1 16	16 26	0 37	13 18	2 0	9 24	0 26	23 22	0 1	13 7	5 40	23 48	23 48	15 4		n.a.
W10	22 1	24 9	0s22	14 28	3 11	11 13	1 48	22 3	1 16	16 24	0 37	13 17	2 0	9 23	0 26	23 22	0 1	13 7	5 40	23 48	23 48	15 1		n.a.
T 11	22 10	24 23	1 38	14 52	3 0	11 39	1 46	21 54	1 15	16 22	0 37	13 16	2 0	9 23	0 26	23 22	0 1	13 7	5 40	23 48	23 48	14 59		n.a.
F 12	22 18	23 3	2 49	15 17	2 48	12 4	1 44	21 46	1 15	16 21	0 37	13 15	1 59	9 22	0 26	23 22	0 1	13 7	5 39	23 48	23 48	14 57		n.a.
S 13	22 27	20 14	3 49	15 44	2 36	12 29	1 42	21 37	1 14	16 19	0 36	13 14	1 59	9 22	0 26	23 22	0 1	13 7	5 39	23 48	23 48	14 55		n.a.
S 14	22 35	16 12	4 36	16 12	2 24	12 54	1 41	21 29	1 13	16 17	0 36	13 14	1 59	9 21	0 26	23 22	0 1	13 6	5 39	23 48	23 48	14 53		n.a.
M15	22 42	11 16	5 5	16 41	2 11	13 19	1 39	21 20	1 13	16 16	0 36	13 13	1 59	9 21	0 26	23 23	0 1	13 6	5 39	23 48	23 48	14 51		n.a.
T 16	22 49	5 46	5 16	17 12	1 58	13 43	1 37	21 11	1 12	16 14	0 36	13 12	1 59	9 20	0 26	23 23	0 1	13 6	5 39	23 48	23 48	14 49		n.a.
W17	22 56	0n 0	5 7	17 43	1 44	14 7	1 35	21 2	1 11	16 13	0 36	13 11	1 58	9 20	0 26	23 23	0 1	13 6	5 39	23 48	23 48	14 47		n.a.
T 18	23 2	5 43	4 41	18 15	1 31	14 31	1 33	20 52	1 11	16 11	0 35	13 10	1 58	9 19	0 26	23 23	0 1	13 6	5 38	23 48	23 48	14 44		n.a.
F 19	23 8	11 5	3 59	18 48	1 17	14 55	1 30	20 43	1 10	16 10	0 35	13 9	1 58	9 19	0 26	23 23	0 1	13 5	5 38	23 48	23 48	14 42		n.a.
S 20	23 14	15 51	3 4	19 21	1 4	15 18	1 28	20 33	1 10	16 8	0 35	13 9	1 58	9 18	0 26	23 23	0 1	13 5	5 38	23 48	23 48	14 40		n.a.
S 21	23 19	19 44	1 59	19 54	0 51	15 41	1 26	20 24	1 9	16 7	0 35	13 8	1 58	9 18	0 26	23 23	0 1	13 5	5 38	23 48	23 48	14 38		n.a.
M22	23 24	22 33	0 50	20 26	0 37	16 3	1 24	20 14	1 8	16 6	0 35	13 7	1 58	9 18	0 26	23 23	0 1	13 5	5 38	23 48	23 48	14 36		n.a.
T 23	23 28	24 8	0n21	20 58	0 24	16 26	1 21	20 4	1 8	16 4	0 34	13 6	1 57	9 17	0 26	23 24	0 1	13 5	5 38	23 48	23 48	14 34		n.a.
W24	23 32	24 27	1 29	21 30	0 12	16 47	1 19	19 53	1 7	16 3	0 34	13 6	1 57	9 17	0 26	23 24	0 1	13 5	5 37	23 48	23 48	14 31		n.a.
T 25	23 36	23 33	2 32	22 0	0n 0	17 9	1 17	19 43	1 6	16 2	0 34	13 5	1 57	9 17	0 26	23 24	0 1	13 5	5 37	23 48	23 48	14 29		n.a.
F 26	23 39	21 33	3 27	22 29	0 12	17 30	1 14	19 32	1 6	16 1	0 34	13 4	1 57	9 16	0 26	23 24	0 1	13 4	5 37	23 48	23 48	14 27		n.a.
S 27	23 41	18 38	4 13	22 57	0 24	17 50	1 12	19 22	1 5	16 0	0 33	13 4	1 57	9 16	0 26	23 24	0 1	13 4	5 37	23 48	23 48	14 25		n.a.
S 28	23 44	14 59	4 47	23 23	0 34	18 11	1 9	19 11	1 5	15 59	0 33	13 3	1 56	9 16	0 26	23 24	0 1	13 4	5 37	23 48	23 48	14 23		n.a.
M29	23 45	10 45	5 8	23 46	0 44	18 30	1 7	19 0	1 4	15 58	0 33	13 3	1 56	9 15	0 26	23 24	0 1	13 4	5 36	23 48	23 48	14 21		n.a.
T 30	23n47	6n 6	5n17	24n 8	0n54	18n50	1s 4	18n49	1n 3	15s57	0n33	13s 2	1n56	9s15	0n26	23s25	0s 1	13s 4	5n36	23n48	23n48	14n18		n.a.

Julian Day Number = 1371299.5, Delta T = 06h50m26s
Ecliptic obliquity = 23°48'35, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°18'36, Lahiri = -17°11'35 Julian Calendar 1 June 959 BCE == Greg. Calendar 23 May 959 BCE

The year -958 astronomical counting style corresponds to year 959 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 959 BCE
geocentric

JULY 959 BCE (-958) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 57 46	28♊14'20	8♎55	19♊49	28♉31	11♌24	14°R32	9°R25	24°R32	10°R29	21°R42	28°D27	28♊15	4♍49	n.a.	W 1
T 2	18 1 43	29°11'48	21°10	21°52	29°43	12° 2	14♏28	9♏23	24♎31	10♑27	21♏41	28♊27	28°12	4°56	n.a.	T 2
F 3	18 5 39	0♋ 9'18	3♏42	23°55	0♊55	12°40	14°25	9°21	24°30	10°26	21°40	28°27	28° 9	5° 3	n.a.	F 3
S 4	18 9 36	1° 6'48	16°34	25°59	2° 7	13°18	14°22	9°19	24°30	10°24	21°39	28°28	28° 5	5°10	n.a.	S 4
S 5	18 13 32	2° 4'19	29°47	28° 3	3°19	13°56	14°19	9°18	24°29	10°22	21°38	28°28	28° 2	5°16	n.a.	S 5
M 6	18 17 29	3° 1'52	13♐23	0♋ 6	4°31	14°35	14°16	9°16	24°29	10°21	21°36	28°28	27°59	5°23	n.a.	M 6
T 7	18 21 25	3°59'26	27°21	2°10	5°44	15°13	14°13	9°14	24°29	10°19	21°35	28°R28	27°56	5°30	n.a.	T 7
W 8	18 25 22	4°57'01	11♑37	4°12	6°56	15°51	14°11	9°13	24°28	10°18	21°34	28°28	27°53	5°36	n.a.	W 8
T 9	18 29 19	5°54'38	26° 7	6°14	8° 8	16°30	14° 8	9°11	24°28	10°16	21°33	28°28	27°50	5°43	n.a.	T 9
F 10	18 33 15	6°52'16	10♒44	8°15	9°21	17° 8	14° 6	9°10	24°28	10°14	21°32	28°27	27°46	5°50	n.a.	F 10
S 11	18 37 12	7°49'56	25°23	10°14	10°33	17°47	14° 4	9° 9	24°28	10°13	21°31	28°26	27°43	5°57	n.a.	S 11
S 12	18 41 8	8°47'37	9♓58	12°13	11°46	18°25	14° 2	9° 7	24°28	10°11	21°31	28°25	27°40	6° 3	n.a.	S 12
M13	18 45 5	9°45'21	24°23	14°10	12°58	19° 4	14° 1	9° 6	24°D28	10° 9	21°30	28°24	27°37	6°10	n.a.	M13
T 14	18 49 1	10°43'06	8♈35	16° 7	14°11	19°43	13°59	9° 5	24°28	10° 8	21°29	28°D24	27°34	6°17	n.a.	T 14
W15	18 52 58	11°40'53	22°32	18° 2	15°23	20°22	13°58	9° 4	24°28	10° 6	21°28	28°24	27°30	6°23	n.a.	W15
T 16	18 56 54	12°38'41	6♉13	19°55	16°36	21° 0	13°57	9° 3	24°28	10° 4	21°27	28°25	27°27	6°30	n.a.	T 16
F 17	19 0 51	13°36'32	19°37	21°48	17°49	21°39	13°56	9° 3	24°28	10° 3	21°26	28°26	27°24	6°37	n.a.	F 17
S 18	19 4 48	14°34'25	2♊47	23°39	19° 2	22°18	13°55	9° 2	24°28	10° 1	21°26	28°27	27°21	6°44	n.a.	S 18
S 19	19 8 44	15°32'19	15°43	25°28	20°15	22°57	13°55	9° 2	24°28	10° 0	21°25	28°28	27°18	6°50	n.a.	S 19
M20	19 12 41	16°30'16	28°26	27°16	21°28	23°37	13°55	9° 1	24°29	9°58	21°24	28°R28	27°15	6°57	n.a.	M20
T 21	19 16 37	17°28'14	10♋56	29° 3	22°41	24°16	13°D55	9° 1	24°29	9°56	21°23	28°28	27°11	7° 4	n.a.	T 21
W22	19 20 34	18°26'14	23°16	0♌49	23°54	24°55	13°55	9° 1	24°30	9°55	21°23	28°26	27° 8	7°10	n.a.	W22
T 23	19 24 30	19°24'16	5♌26	2°33	25° 7	25°34	13°55	9° 0	24°30	9°53	21°22	28°24	27° 5	7°17	n.a.	T 23
F 24	19 28 27	20°22'19	17°28	4°16	26°20	26°14	13°55	9°D 0	24°31	9°52	21°21	28°21	27° 2	7°24	n.a.	F 24
S 25	19 32 23	21°20'24	29°24	5°58	27°34	26°53	13°56	9° 0	24°31	9°50	21°21	28°17	26°59	7°31	n.a.	S 25
S 26	19 36 20	22°18'31	11♍16	7°39	28°47	27°33	13°57	9° 1	24°32	9°48	21°20	28°13	26°56	7°37	n.a.	S 26
M27	19 40 17	23°16'39	23° 7	9°18	0♋ 0	28°12	13°58	9° 1	24°32	9°47	21°20	28°10	26°52	7°44	n.a.	M27
T 28	19 44 13	24°14'49	5♎ 1	10°56	1°14	28°52	13°59	9° 1	24°33	9°45	21°19	28° 7	26°49	7°51	n.a.	T 28
W29	19 48 10	25°13'00	17° 2	12°33	2°27	29°32	14° 1	9° 2	24°34	9°44	21°19	28° 6	26°46	7°57	n.a.	W29
T 30	19 52 6	26°11'13	29°14	14° 8	3°41	0♍11	14° 2	9° 2	24°35	9°42	21°18	28°D 5	26°43	8° 4	n.a.	T 30
F 31	19 56 3	27♋ 9'28	11♏43	15♌43	4♋54	0♍51	14♏ 4	9♏ 3	24♎36	9♑40	21♏18	28♊ 6	26♊40	8♍11	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23n48	1n11	5n12	24n27	1n 2	19n 8	1s 1	18n38	1n 3	15s56	0n33	13s 2	1n56	9s15	0n26	23s25	0s 1	13s 4	5n36	23n48	23n48	14n16			n.a.
T 2	23 48	3s52	4 53	24 43	1 10	19 27	0 59	18 26	1 2	15 55	0 32	13 1	1 55	9 15	0 26	23 25	0 1	13 4	5 36	23 48	23 48	14 14			n.a.
F 3	23 49	8 53	4 19	24 57	1 17	19 45	0 56	18 15	1 1	15 54	0 32	13 1	1 55	9 15	0 26	23 25	0 1	13 4	5 35	23 48	23 48	14 12			n.a.
S 4	23 48	13 40	3 32	25 9	1 24	20 2	0 53	18 3	1 1	15 53	0 32	13 0	1 55	9 14	0 26	23 25	0 1	13 4	5 35	23 48	23 48	14 10			n.a.
S 5	23 48	17 56	2 32	25 17	1 29	20 19	0 51	17 52	1 0	15 53	0 32	13 0	1 55	9 14	0 26	23 25	0 1	13 4	5 35	23 48	23 48	14 7			n.a.
M 6	23 46	21 24	1 23	25 23	1 34	20 35	0 48	17 40	1 0	15 52	0 31	13 0	1 55	9 14	0 25	23 25	0 1	13 4	5 35	23 48	23 48	14 5			n.a.
T 7	23 45	23 41	0 6	25 26	1 38	20 51	0 45	17 28	0 59	15 51	0 31	12 59	1 54	9 14	0 25	23 26	0 2	13 3	5 35	23 48	23 48	14 3			n.a.
W 8	23 43	24 29	1s12	25 26	1 42	21 6	0 43	17 15	0 58	15 51	0 31	12 59	1 54	9 14	0 25	23 26	0 2	13 3	5 34	23 48	23 48	14 1			n.a.
T 9	23 40	23 40	2 27	25 24	1 44	21 21	0 40	17 3	0 58	15 50	0 31	12 59	1 54	9 14	0 25	23 26	0 2	13 3	5 34	23 48	23 47	13 59			n.a.
F 10	23 38	21 13	3 33	25 19	1 46	21 35	0 37	16 51	0 57	15 50	0 31	12 59	1 54	9 14	0 25	23 26	0 2	13 3	5 34	23 48	23 47	13 56			n.a.
S 11	23 34	17 24	4 25	25 12	1 47	21 49	0 34	16 38	0 56	15 49	0 30	12 58	1 53	9 14	0 25	23 26	0 2	13 3	5 34	23 48	23 47	13 54			n.a.
S 12	23 31	12 34	5 0	25 2	1 48	22 2	0 31	16 25	0 56	15 49	0 30	12 58	1 53	9 14	0 25	23 26	0 2	13 3	5 33	23 48	23 47	13 52			n.a.
M13	23 27	7 5	5 16	24 50	1 48	22 14	0 29	16 13	0 55	15 49	0 30	12 58	1 53	9 14	0 25	23 26	0 2	13 3	5 33	23 48	23 47	13 50			n.a.
T 14	23 22	1 18	5 11	24 36	1 47	22 26	0 26	16 0	0 55	15 49	0 30	12 58	1 53	9 14	0 25	23 27	0 2	13 3	5 33	23 48	23 47	13 47			n.a.
W15	23 17	4n26	4 49	24 20	1 46	22 37	0 23	15 47	0 54	15 48	0 29	12 58	1 53	9 14	0 25	23 27	0 2	13 3	5 33	23 48	23 47	13 45			n.a.
T 16	23 12	9 52	4 10	24 2	1 44	22 47	0 20	15 33	0 53	15 48	0 29	12 58	1 52	9 14	0 25	23 27	0 2	13 3	5 32	23 48	23 47	13 43			n.a.
F 17	23 6	14 44	3 18	23 42	1 42	22 57	0 18	15 20	0 53	15 48	0 29	12 58	1 52	9 14	0 25	23 27	0 2	13 3	5 32	23 48	23 47	13 41			n.a.
S 18	23 0	18 48	2 17	23 20	1 40	23 6	0 15	15 7	0 52	15 48	0 29	12 58	1 52	9 14	0 25	23 27	0 2	13 3	5 32	23 48	23 47	13 38			n.a.
S 19	22 53	21 52	1 10	22 57	1 36	23 15	0 12	14 53	0 51	15 48	0 29	12 58	1 52	9 14	0 25	23 27	0 2	13 4	5 32	23 48	23 47	13 36			n.a.
M20	22 46	23 48	0 0	22 33	1 33	23 23	0 9	14 39	0 51	15 49	0 28	12 58	1 51	9 15	0 25	23 27	0 2	13 4	5 31	23 48	23 47	13 34			n.a.
T 21	22 39	24 29	1n 8	22 7	1 29	23 30	0 6	14 25	0 50	15 49	0 28	12 58	1 51	9 15	0 25	23 28	0 2	13 4	5 31	23 48	23 47	13 31			n.a.
W22	22 31	23 57	2 12	21 39	1 24	23 36	0 4	14 12	0 49	15 49	0 28	12 58	1 51	9 15	0 25	23 28	0 2	13 4	5 31	23 48	23 47	13 29			n.a.
T 23	22 23	22 16	3 10	21 11	1 20	23 42	0 1	13 57	0 49	15 49	0 28	12 58	1 51	9 15	0 25	23 28	0 2	13 4	5 31	23 48	23 47	13 27			n.a.
F 24	22 14	19 36	3 58	20 42	1 15	23 47	0n 2	13 43	0 48	15 50	0 27	12 59	1 50	9 15	0 25	23 28	0 2	13 4	5 30	23 48	23 47	13 25			n.a.
S 25	22 5	16 8	4 35	20 11	1 9	23 52	0 4	13 29	0 48	15 50	0 27	12 59	1 50	9 16	0 25	23 28	0 2	13 4	5 30	23 48	23 46	13 22			n.a.
S 26	21 56	12 3	5 0	19 40	1 4	23 55	0 7	13 15	0 47	15 50	0 27	12 59	1 50	9 16	0 25	23 28	0 2	13 4	5 30	23 48	23 46	13 20			n.a.
M27	21 46	7 32	5 12	19 8	0 58	23 58	0 10	13 0	0 46	15 51	0 27	13 0	1 50	9 16	0 25	23 28	0 2	13 4	5 30	23 48	23 46	13 18			n.a.
T 28	21 36	2 44	5 11	18 35	0 51	24 1	0 12	12 46	0 46	15 52	0 27	13 0	1 49	9 16	0 25	23 28	0 2	13 4	5 29	23 48	23 46	13 15			n.a.
W29	21 25	2s14	4 57	18 1	0 45	24 2	0 15	12 31	0 45	15 52	0 26	13 0	1 49	9 17	0 25	23 29	0 2	13 4	5 29	23 48	23 46	13 13			n.a.
T 30	21 14	7 12	4 28	17 27	0 38	24 3	0 18	12 16	0 44	15 53	0 26	13 1	1 49	9 17	0 25	23 29	0 2	13 5	5 29	23 48	23 46	13 11			n.a.
F 31	21n 3	11s59	3n47	16n52	0n31	24n 3	0n20	12n 1	0n44	15s54	0n26	13s 1	1n49	9s17	0n25	23s29	0s 2	13s 5	5n29	23n48	23n46	13n 8			n.a.

Julian Day Number = 1371329.5, Delta T = 06h50m24s
Ecliptic obliquity = 23°48'35, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°18'31, Lahiri = -17°11'31 Julian Calendar 1 July 959 BCE == Greg. Calendar 22 June 959 BCE

The year -958 astronomical counting style corresponds to year 959 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 959 BCE
geocentric

AUGUST 959 BCE (-958) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 59 59	28♋ 7'44	24♏32	17♌16	6♋ 8	1♍31	14♏ 6	9♏ 4	24♎37	9°R39	21°R18	28♊ 8	26♊36	8♍18	n.a.	S 1
S 2	20 3 56	29° 6'02	7♐44	18°48	7°22	2°11	14° 8	9° 4	24°38	9♑37	21♏17	28° 9	26°33	8°24	n.a.	S 2
M 3	20 7 52	0♌ 4'22	21°23	20°18	8°35	2°51	14°11	9° 5	24°39	9°36	21°17	28°R10	26°30	8°31	n.a.	M 3
T 4	20 11 49	1° 2'44	5♑29	21°48	9°49	3°31	14°13	9° 6	24°40	9°34	21°17	28°10	26°27	8°38	n.a.	T 4
W 5	20 15 46	2° 1'07	20° 0	23°16	11° 3	4°11	14°16	9° 7	24°41	9°33	21°16	28° 9	26°24	8°44	n.a.	W 5
T 6	20 19 42	2°59'33	4♒50	24°43	12°17	4°52	14°19	9° 9	24°42	9°31	21°16	28° 6	26°21	8°51	n.a.	T 6
F 7	20 23 39	3°58'00	19°51	26° 9	13°31	5°32	14°22	9°10	24°43	9°30	21°16	28° 1	26°17	8°58	n.a.	F 7
S 8	20 27 35	4°56'30	4♓56	27°33	14°45	6°12	14°25	9°11	24°45	9°29	21°16	27°56	26°14	9° 5	n.a.	S 8
S 9	20 31 32	5°55'01	19°54	28°57	15°59	6°52	14°29	9°13	24°46	9°27	21°16	27°50	26°11	9°11	n.a.	S 9
M10	20 35 28	6°53'35	4♈37	0♍18	17°13	7°33	14°32	9°14	24°47	9°26	21°16	27°46	26° 8	9°18	n.a.	M10
T 11	20 39 25	7°52'11	19° 0	1°39	18°27	8°13	14°36	9°16	24°49	9°24	21°16	27°43	26° 5	9°25	n.a.	T 11
W12	20 43 21	8°50'50	2♉59	2°58	19°41	8°54	14°40	9°18	24°50	9°23	21°15	27°D41	26° 2	9°31	n.a.	W12
T 13	20 47 18	9°49'31	16°35	4°16	20°55	9°35	14°44	9°20	24°52	9°22	21°D15	27°41	25°58	9°38	n.a.	T 13
F 14	20 51 15	10°48'15	29°49	5°32	22° 9	10°15	14°48	9°22	24°53	9°20	21°16	27°42	25°55	9°45	n.a.	F 14
S 15	20 55 11	11°47'01	12♊44	6°47	23°24	10°56	14°53	9°24	24°55	9°19	21°16	27°44	25°52	9°52	n.a.	S 15
S 16	20 59 8	12°45'49	25°23	8° 0	24°38	11°37	14°57	9°26	24°57	9°18	21°16	27°R44	25°49	9°58	n.a.	S 16
M17	21 3 4	13°44'39	7♋48	9°11	25°52	12°18	15° 2	9°28	24°58	9°16	21°16	27°44	25°46	10° 5	n.a.	M17
T 18	21 7 1	14°43'32	20° 3	10°21	27° 7	12°59	15° 7	9°30	25° 0	9°15	21°16	27°41	25°42	10°12	n.a.	T 18
W19	21 10 57	15°42'28	2♌10	11°28	28°21	13°40	15°12	9°33	25° 2	9°14	21°16	27°37	25°39	10°18	n.a.	W19
T 20	21 14 54	16°41'25	14°11	12°33	29°36	14°21	15°18	9°35	25° 4	9°13	21°16	27°30	25°36	10°25	n.a.	T 20
F 21	21 18 50	17°40'24	26° 7	13°37	0♌50	15° 2	15°23	9°38	25° 6	9°11	21°17	27°21	25°33	10°32	n.a.	F 21
S 22	21 22 47	18°39'26	8♍ 0	14°37	2° 5	15°43	15°29	9°41	25° 8	9°10	21°17	27°11	25°30	10°39	n.a.	S 22
S 23	21 26 43	19°38'30	19°51	15°36	3°19	16°25	15°35	9°43	25°10	9° 9	21°17	27° 0	25°27	10°45	n.a.	S 23
M24	21 30 40	20°37'35	1♎43	16°31	4°34	17° 6	15°41	9°46	25°12	9° 8	21°17	26°51	25°23	10°52	n.a.	M24
T 25	21 34 37	21°36'43	13°37	17°24	5°49	17°47	15°47	9°49	25°14	9° 7	21°18	26°43	25°20	10°59	n.a.	T 25
W26	21 38 33	22°35'52	25°37	18°13	7° 3	18°29	15°53	9°52	25°16	9° 6	21°18	26°37	25°17	11° 6	n.a.	W26
T 27	21 42 30	23°35'04	7♏47	18°58	8°18	19°10	16° 0	9°56	25°18	9° 5	21°19	26°33	25°14	11°12	n.a.	T 27
F 28	21 46 26	24°34'17	20°11	19°40	9°33	19°52	16° 6	9°59	25°20	9° 4	21°19	26°D32	25°11	11°19	n.a.	F 28
S 29	21 50 23	25°33'33	2♐53	20°18	10°48	20°34	16°13	10° 2	25°23	9° 3	21°20	26°32	25° 7	11°26	n.a.	S 29
S 30	21 54 19	26°32'50	15°59	20°51	12° 3	21°15	16°20	10° 5	25°25	9° 2	21°20	26°33	25° 4	11°32	n.a.	S 30
M31	21 58 16	27♌32'10	29♐31	21♍19	13♌17	21♍57	16♏27	10♏ 9	25♎27	9♑ 1	21♏21	26°R33	25♊ 1	11♍39	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n51	16s23	2n54	16n17	0n24	24n 3	0n23	11n46	0n43	15s54	0n26	13s 2	1n49	9s18	0n25	23s29	0s 2	13s 5	5n28	23n48	23n46	13n 6		n.a.
S 2	20 39	20 8	1 49	15 42	0 17	24 1	0 25	11 31	0 42	15 55	0 26	13 2	1 48	9 18	0 25	23 29	0 2	13 5	5 28	23 48	23 46	13 4		n.a.
M 3	20 27	22 55	0 37	15 6	0 10	23 59	0 28	11 16	0 42	15 56	0 25	13 3	1 48	9 19	0 25	23 29	0 2	13 5	5 28	23 48	23 46	13 2		n.a.
T 4	20 14	24 21	0s40	14 29	0 2	23 57	0 30	11 0	0 41	15 57	0 25	13 3	1 48	9 19	0 25	23 29	0 2	13 5	5 28	23 48	23 46	12 59		n.a.
W 5	20 1	24 13	1 56	13 53	0s 6	23 53	0 33	10 45	0 41	15 58	0 25	13 4	1 48	9 19	0 25	23 29	0 2	13 6	5 27	23 48	23 46	12 57		n.a.
T 6	19 47	22 22	3 6	13 16	0 13	23 49	0 35	10 30	0 40	15 59	0 25	13 4	1 47	9 20	0 25	23 30	0 2	13 6	5 27	23 48	23 45	12 55		n.a.
F 7	19 34	18 57	4 4	12 40	0 21	23 44	0 37	10 14	0 39	16 0	0 25	13 5	1 47	9 20	0 25	23 30	0 2	13 6	5 27	23 48	23 45	12 52		n.a.
S 8	19 19	14 16	4 46	12 3	0 29	23 38	0 40	9 58	0 39	16 2	0 24	13 6	1 47	9 21	0 24	23 30	0 2	13 6	5 26	23 48	23 45	12 50		n.a.
S 9	19 5	8 45	5 7	11 26	0 38	23 32	0 42	9 42	0 38	16 3	0 24	13 6	1 47	9 21	0 24	23 30	0 2	13 6	5 26	23 48	23 45	12 47		n.a.
M10	18 50	2 50	5 8	10 49	0 46	23 25	0 44	9 27	0 37	16 4	0 24	13 7	1 46	9 22	0 24	23 30	0 2	13 7	5 26	23 47	23 45	12 45		n.a.
T 11	18 35	3n 6	4 49	10 13	0 54	23 17	0 46	9 11	0 37	16 5	0 24	13 8	1 46	9 23	0 24	23 30	0 2	13 7	5 26	23 47	23 45	12 43		n.a.
W12	18 20	8 44	4 14	9 36	1 2	23 8	0 48	8 55	0 36	16 7	0 23	13 9	1 46	9 23	0 24	23 30	0 2	13 7	5 25	23 47	23 45	12 40		n.a.
T 13	18 4	13 47	3 24	9 0	1 11	22 59	0 50	8 39	0 35	16 8	0 23	13 9	1 46	9 24	0 24	23 30	0 2	13 7	5 25	23 47	23 45	12 38		n.a.
F 14	17 48	18 4	2 25	8 24	1 19	22 49	0 52	8 22	0 35	16 10	0 23	13 10	1 45	9 24	0 24	23 31	0 2	13 8	5 25	23 47	23 45	12 36		n.a.
S 15	17 31	21 21	1 20	7 49	1 27	22 38	0 54	8 6	0 34	16 11	0 23	13 11	1 45	9 25	0 24	23 31	0 2	13 8	5 25	23 47	23 45	12 33		n.a.
S 16	17 14	23 31	0 13	7 13	1 36	22 27	0 56	7 50	0 33	16 13	0 23	13 12	1 45	9 26	0 24	23 31	0 2	13 8	5 24	23 47	23 45	12 31		n.a.
M17	16 57	24 29	0n54	6 39	1 44	22 15	0 58	7 33	0 33	16 14	0 22	13 13	1 45	9 26	0 24	23 31	0 2	13 9	5 24	23 47	23 44	12 29		n.a.
T 18	16 40	24 13	1 57	6 5	1 52	22 2	1 0	7 17	0 32	16 16	0 22	13 14	1 45	9 27	0 24	23 31	0 2	13 9	5 24	23 47	23 44	12 26		n.a.
W19	16 22	22 49	2 55	5 31	2 0	21 49	1 2	7 0	0 31	16 18	0 22	13 15	1 44	9 28	0 24	23 31	0 2	13 9	5 23	23 47	23 44	12 24		n.a.
T 20	16 5	20 23	3 43	4 59	2 8	21 35	1 4	6 43	0 31	16 20	0 22	13 16	1 44	9 28	0 24	23 31	0 2	13 10	5 23	23 47	23 44	12 21		n.a.
F 21	15 46	17 6	4 22	4 27	2 16	21 20	1 5	6 27	0 30	16 21	0 22	13 17	1 44	9 29	0 24	23 31	0 2	13 10	5 23	23 47	23 44	12 19		n.a.
S 22	15 28	13 9	4 49	3 56	2 24	21 5	1 7	6 10	0 29	16 23	0 22	13 18	1 44	9 30	0 24	23 31	0 2	13 10	5 23	23 47	23 44	12 17		n.a.
S 23	15 9	8 42	5 3	3 27	2 31	20 49	1 8	5 53	0 29	16 25	0 21	13 19	1 43	9 31	0 24	23 31	0 2	13 11	5 22	23 47	23 44	12 14		n.a.
M24	14 50	3 57	5 4	2 58	2 39	20 33	1 10	5 36	0 28	16 27	0 21	13 20	1 43	9 31	0 24	23 32	0 2	13 11	5 22	23 46	23 44	12 12		n.a.
T 25	14 31	0s58	4 52	2 31	2 46	20 16	1 11	5 19	0 27	16 29	0 21	13 21	1 43	9 32	0 24	23 32	0 2	13 11	5 22	23 46	23 44	12 9		n.a.
W26	14 12	5 54	4 27	2 5	2 53	19 58	1 13	5 2	0 27	16 31	0 21	13 23	1 43	9 33	0 24	23 32	0 2	13 12	5 22	23 46	23 43	12 7		n.a.
T 27	13 52	10 42	3 50	1 41	2 59	19 39	1 14	4 45	0 26	16 33	0 21	13 24	1 43	9 34	0 24	23 32	0 2	13 12	5 21	23 46	23 43	12 5		n.a.
F 28	13 32	15 9	3 2	1 19	3 5	19 21	1 15	4 28	0 25	16 35	0 20	13 25	1 42	9 35	0 24	23 32	0 2	13 12	5 21	23 46	23 43	12 2		n.a.
S 29	13 12	19 3	2 3	0 59	3 11	19 1	1 16	4 11	0 25	16 37	0 20	13 26	1 42	9 36	0 24	23 32	0 2	13 13	5 21	23 46	23 43	12 0		n.a.
S 30	12 51	22 8	0 56	0 41	3 16	18 41	1 17	3 53	0 24	16 40	0 20	13 28	1 42	9 36	0 24	23 32	0 2	13 13	5 20	23 46	23 43	11 57		n.a.
M31	12n31	24s 4	0s16	0n26	3s20	18n20	1n19	3n36	0n23	16s42	0n20	13s29	1n42	9s37	0n24	23s32	0s 2	13s14	5n20	23n46	23n43	11n55		n.a.

Julian Day Number = 1371360.5, Delta T = 06h50m23s
Ecliptic obliquity = 23°48'35, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°18'27, Lahiri = -17°11'27 Julian Calendar 1 Aug. 959 BCE == Greg. Calendar 23 July 959 BCE

The year -958 astronomical counting style corresponds to year 959 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 959 BCE
geocentric

SEPTEMBER 959 BCE (-958) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 2 12	28♌31'31	13♉33	21♍41	14♌32	22♍39	16♏34	10♏12	25♎30	9°R 0	21♏21	26°R32	24♊58	11♍46	n.a.	T 1
W 2	22 6 9	29°30'54	28° 3	21°58	15°47	23°21	16°41	10°16	25°32	8♉59	21°22	26♊28	24°55	11°53	n.a.	W 2
T 3	22 10 6	0♍30'19	12♒58	22° 8	17° 2	24° 3	16°49	10°20	25°35	8°58	21°23	26°22	24°52	11°59	n.a.	T 3
F 4	22 14 2	1°29'46	28°11	22°R11	18°17	24°45	16°57	10°24	25°37	8°57	21°23	26°14	24°48	12° 6	n.a.	F 4
S 5	22 17 59	2°29'16	13♓31	22° 7	19°32	25°27	17° 4	10°28	25°40	8°56	21°24	26° 4	24°45	12°13	n.a.	S 5
S 6	22 21 55	3°28'47	28°47	21°56	20°47	26° 9	17°12	10°31	25°42	8°56	21°25	25°54	24°42	12°19	n.a.	S 6
M 7	22 25 52	4°28'21	13♈49	21°36	22° 2	26°51	17°20	10°36	25°45	8°55	21°25	25°45	24°39	12°26	n.a.	M 7
T 8	22 29 48	5°27'57	28°27	21° 7	23°18	27°33	17°28	10°40	25°47	8°54	21°26	25°38	24°36	12°33	n.a.	T 8
W 9	22 33 45	6°27'36	12♉37	20°31	24°33	28°16	17°37	10°44	25°50	8°53	21°27	25°34	24°33	12°40	n.a.	W 9
T 10	22 37 41	7°27'17	26°18	19°46	25°48	28°58	17°45	10°48	25°53	8°53	21°28	25°31	24°29	12°46	n.a.	T 10
F 11	22 41 38	8°27'00	9♊33	18°53	27° 3	29°41	17°54	10°52	25°56	8°52	21°29	25°D31	24°26	12°53	n.a.	F 11
S 12	22 45 34	9°26'46	22°23	17°53	28°18	0♎23	18° 2	10°57	25°58	8°51	21°30	25°R31	24°23	13° 0	n.a.	S 12
S 13	22 49 31	10°26'35	4♋54	16°46	29°34	1° 6	18°11	11° 1	26° 1	8°51	21°31	25°31	24°20	13° 7	n.a.	S 13
M14	22 53 28	11°26'25	17°10	15°35	0♍49	1°48	18°20	11° 6	26° 4	8°50	21°32	25°29	24°17	13°13	n.a.	M14
T 15	22 57 24	12°26'18	29°15	14°21	2° 4	2°31	18°29	11°11	26° 7	8°50	21°33	25°25	24°13	13°20	n.a.	T 15
W16	23 1 21	13°26'14	11♌13	13° 6	3°19	3°14	18°39	11°15	26°10	8°49	21°34	25°17	24°10	13°27	n.a.	W16
T 17	23 5 17	14°26'11	23° 8	11°52	4°35	3°57	18°48	11°20	26°13	8°49	21°35	25° 7	24° 7	13°33	n.a.	T 17
F 18	23 9 14	15°26'11	5♍ 0	10°41	5°50	4°40	18°57	11°25	26°16	8°48	21°36	24°54	24° 4	13°40	n.a.	F 18
S 19	23 13 10	16°26'12	16°51	9°36	7° 5	5°22	19° 7	11°30	26°19	8°48	21°37	24°39	24° 1	13°47	n.a.	S 19
S 20	23 17 7	17°26'16	28°44	8°39	8°21	6° 5	19°17	11°35	26°22	8°48	21°38	24°25	23°58	13°54	n.a.	S 20
M21	23 21 3	18°26'21	10♎39	7°51	9°36	6°49	19°26	11°40	26°25	8°47	21°39	24°10	23°54	14° 0	n.a.	M21
T 22	23 25 0	19°26'29	22°38	7°13	10°52	7°32	19°36	11°45	26°28	8°47	21°41	23°58	23°51	14° 7	n.a.	T 22
W23	23 28 56	20°26'38	4♏42	6°47	12° 7	8°15	19°46	11°50	26°31	8°47	21°42	23°49	23°48	14°14	n.a.	W23
T 24	23 32 53	21°26'50	16°55	6°32	13°23	8°58	19°57	11°55	26°35	8°47	21°43	23°42	23°45	14°20	n.a.	T 24
F 25	23 36 50	22°27'03	29°20	6°D28	14°38	9°41	20° 7	12° 1	26°38	8°46	21°44	23°39	23°42	14°27	n.a.	F 25
S 26	23 40 46	23°27'17	12♐ 0	6°36	15°54	10°25	20°17	12° 6	26°41	8°46	21°46	23°37	23°39	14°34	n.a.	S 26
S 27	23 44 43	24°27'34	24°59	6°54	17° 9	11° 8	20°28	12°11	26°44	8°46	21°47	23°37	23°35	14°41	n.a.	S 27
M28	23 48 39	25°27'52	8♑22	7°22	18°25	11°52	20°38	12°17	26°48	8°46	21°49	23°37	23°32	14°47	n.a.	M28
T 29	23 52 36	26°28'11	22°12	7°59	19°40	12°35	20°49	12°22	26°51	8°46	21°50	23°35	23°29	14°54	n.a.	T 29
W30	23 56 32	27♍28'33	6♒29	8♍45	20♍56	13♎19	21♏ 0	12♏28	26♎54	8°D46	21♏51	23♊31	23♊26	15♍ 1	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n10	24s35	1s29	0n14	3s24	17n59	1n20	3n19	0n23	16s44	0n20	13s30	1n41	9s38	0n24	23s32	0s 2	13s14	5n20	23n46	23n43	11n52		n.a.
W 2	11 49	23 28	2 39	0 4	3 27	17 38	1 20	3 1	0 22	16 46	0 19	13 32	1 41	9 39	0 24	23 32	0 2	13 14	5 20	23 46	23 43	11 50		n.a.
T 3	11 28	20 42	3 41	0s 2	3 29	17 16	1 21	2 44	0 22	16 49	0 19	13 33	1 41	9 40	0 24	23 32	0 2	13 15	5 19	23 46	23 43	11 48		n.a.
F 4	11 6	16 27	4 27	0 4	3 30	16 53	1 22	2 26	0 21	16 51	0 19	13 34	1 41	9 41	0 24	23 32	0 2	13 15	5 19	23 45	23 42	11 45		n.a.
S 5	10 45	11 6	4 55	0 2	3 30	16 30	1 23	2 9	0 20	16 53	0 19	13 36	1 41	9 42	0 24	23 32	0 2	13 16	5 19	23 45	23 42	11 43		n.a.
S 6	10 23	5 6	5 2	0n 4	3 29	16 6	1 24	1 51	0 20	16 56	0 19	13 37	1 40	9 43	0 24	23 33	0 2	13 16	5 19	23 45	23 42	11 40		n.a.
M 7	10 1	1n 7	4 48	0 14	3 26	15 42	1 24	1 33	0 19	16 58	0 19	13 39	1 40	9 44	0 24	23 33	0 2	13 17	5 18	23 44	23 42	11 38		n.a.
T 8	9 39	7 8	4 15	0 30	3 21	15 18	1 25	1 16	0 18	17 1	0 18	13 40	1 40	9 45	0 24	23 33	0 2	13 17	5 18	23 44	23 42	11 35		n.a.
W 9	9 17	12 35	3 27	0 50	3 15	14 53	1 25	0 58	0 18	17 3	0 18	13 42	1 40	9 46	0 24	23 33	0 2	13 18	5 18	23 44	23 42	11 33		n.a.
T 10	8 54	17 13	2 28	1 15	3 7	14 27	1 26	0 40	0 17	17 6	0 18	13 43	1 40	9 47	0 24	23 33	0 2	13 18	5 18	23 44	23 42	11 30		n.a.
F 11	8 32	20 51	1 24	1 45	2 57	14 2	1 26	0 23	0 16	17 9	0 18	13 45	1 39	9 48	0 24	23 33	0 2	13 19	5 17	23 44	23 41	11 28		n.a.
S 12	8 9	23 19	0 17	2 20	2 45	13 35	1 26	0 5	0 16	17 11	0 18	13 46	1 39	9 49	0 24	23 33	0 2	13 19	5 17	23 44	23 41	11 25		n.a.
S 13	7 46	24 33	0n50	2 59	2 31	13 9	1 26	0s13	0 15	17 14	0 18	13 48	1 39	9 50	0 24	23 33	0 2	13 20	5 17	23 44	23 41	11 23		n.a.
M14	7 23	24 32	1 52	3 41	2 16	12 42	1 27	0 31	0 14	17 16	0 17	13 50	1 39	9 51	0 24	23 33	0 2	13 20	5 16	23 44	23 41	11 20		n.a.
T 15	7 0	23 22	2 48	4 26	1 58	12 15	1 27	0 49	0 14	17 19	0 17	13 51	1 39	9 52	0 23	23 33	0 2	13 21	5 16	23 44	23 41	11 18		n.a.
W16	6 37	21 8	3 36	5 13	1 39	11 47	1 27	1 6	0 13	17 22	0 17	13 53	1 38	9 53	0 23	23 33	0 2	13 21	5 16	23 43	23 41	11 15		n.a.
T 17	6 13	18 1	4 15	6 0	1 20	11 19	1 27	1 24	0 12	17 25	0 17	13 54	1 38	9 55	0 23	23 33	0 2	13 22	5 16	23 43	23 41	11 13		n.a.
F 18	5 50	14 11	4 42	6 46	0 59	10 51	1 26	1 42	0 12	17 27	0 17	13 56	1 38	9 56	0 23	23 33	0 2	13 22	5 15	23 43	23 40	11 10		n.a.
S 19	5 26	9 48	4 57	7 30	0 39	10 22	1 26	2 0	0 11	17 30	0 17	13 58	1 38	9 57	0 23	23 33	0 2	13 23	5 15	23 42	23 40	11 8		n.a.
S 20	5 2	5 4	4 58	8 10	0 18	9 54	1 26	2 18	0 10	17 33	0 16	14 0	1 38	9 58	0 23	23 33	0 2	13 23	5 15	23 41	23 40	11 5		n.a.
M21	4 38	0 7	4 47	8 47	0n 1	9 24	1 26	2 36	0 10	17 36	0 16	14 1	1 38	9 59	0 23	23 33	0 2	13 24	5 15	23 41	23 40	11 3		n.a.
T 22	4 15	4s52	4 23	9 18	0 20	8 55	1 25	2 54	0 9	17 39	0 16	14 3	1 37	10 0	0 23	23 33	0 2	13 24	5 14	23 40	23 40	11 0		n.a.
W23	3 51	9 43	3 47	9 45	0 38	8 25	1 25	3 12	0 8	17 42	0 16	14 5	1 37	10 1	0 23	23 33	0 2	13 25	5 14	23 40	23 40	10 58		n.a.
T 24	3 27	14 16	3 1	10 5	0 54	7 56	1 24	3 30	0 7	17 45	0 16	14 7	1 37	10 3	0 23	23 33	0 2	13 25	5 14	23 39	23 40	10 55		n.a.
F 25	3 2	18 18	2 4	10 20	1 8	7 25	1 24	3 48	0 7	17 48	0 16	14 8	1 37	10 4	0 23	23 33	0 3	13 26	5 14	23 39	23 39	10 53		n.a.
S 26	2 38	21 34	1 1	10 29	1 21	6 55	1 23	4 5	0 6	17 51	0 16	14 10	1 37	10 5	0 23	23 33	0 3	13 27	5 13	23 39	23 39	10 50		n.a.
S 27	2 14	23 50	0s 7	10 33	1 33	6 25	1 22	4 23	0 5	17 54	0 15	14 12	1 36	10 6	0 23	23 33	0 3	13 27	5 13	23 39	23 39	10 48		n.a.
M28	1 50	24 49	1 17	10 31	1 42	5 54	1 22	4 41	0 5	17 57	0 15	14 14	1 36	10 7	0 23	23 33	0 3	13 28	5 13	23 39	23 39	10 45		n.a.
T 29	1 25	24 20	2 25	10 24	1 50	5 23	1 21	4 59	0 4	18 0	0 15	14 16	1 36	10 9	0 23	23 33	0 3	13 28	5 13	23 39	23 39	10 43		n.a.
W30	1n 1	22s15	3s26	10n13	1n57	4n52	1n20	5s17	0n 3	18s 3	0n15	14s18	1n36	10s10	0n23	23s33	0s 3	13s29	5n13	23n39	23n39	10n40		n.a.

Julian Day Number = 1371391.5, Delta T = 06h50m21s
Ecliptic obliquity = 23°48'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°18'23, Lahiri = -17°11'23 Julian Calendar 1 Sept. 959 BCE == Greg. Calendar 23 Aug. 959 BCE

The year -958 astronomical counting style corresponds to year 959 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 959 BCE
geocentric

OCTOBER 959 BCE (-958) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 0 29	28♍28'55	21♒13	9♍38	22♍11	14♎ 2	21♏10	12♏34	26♎58	8♑46	21♏53	23°R25	23♊23	15♍ 8	n.a.	T 1
F 2	0 4 25	29°29'20	6♓18	10°37	23°27	14°46	21°21	12°39	27° 1	8°46	21°54	23♊15	23°19	15°14	n.a.	F 2
S 3	0 8 22	0♎29'45	21°36	11°42	24°42	15°30	21°32	12°45	27° 4	8°46	21°56	23° 4	23°16	15°21	n.a.	S 3
S 4	0 12 19	1°30'13	6♈55	12°52	25°58	16°14	21°44	12°51	27° 8	8°46	21°57	22°53	23°13	15°28	n.a.	S 4
M 5	0 16 15	2°30'42	22° 4	14° 7	27°13	16°57	21°55	12°57	27°11	8°46	21°59	22°42	23°10	15°34	n.a.	M 5
T 6	0 20 12	3°31'14	6♉52	15°25	28°29	17°41	22° 6	13° 3	27°15	8°47	22° 0	22°34	23° 7	15°41	n.a.	T 6
W 7	0 24 8	4°31'47	21°13	16°45	29°44	18°25	22°18	13° 9	27°18	8°47	22° 2	22°28	23° 4	15°48	n.a.	W 7
T 8	0 28 5	5°32'22	5♊ 5	18° 9	1♎ 0	19° 9	22°29	13°15	27°22	8°47	22° 4	22°25	23° 0	15°55	n.a.	T 8
F 9	0 32 1	6°32'59	18°26	19°35	2°16	19°54	22°41	13°21	27°25	8°47	22° 5	22°D24	22°57	16° 1	n.a.	F 9
S 10	0 35 58	7°33'38	1♋21	21° 2	3°31	20°38	22°52	13°27	27°29	8°48	22° 7	22°R24	22°54	16° 8	n.a.	S 10
S 11	0 39 54	8°34'19	13°53	22°31	4°47	21°22	23° 4	13°33	27°32	8°48	22° 9	22°24	22°51	16°15	n.a.	S 11
M12	0 43 51	9°35'02	26° 8	24° 2	6° 2	22° 6	23°16	13°39	27°36	8°48	22°10	22°22	22°48	16°21	n.a.	M12
T 13	0 47 48	10°35'46	8♌10	25°33	7°18	22°50	23°28	13°45	27°39	8°49	22°12	22°19	22°44	16°28	n.a.	T 13
W14	0 51 44	11°36'32	20° 5	27° 5	8°34	23°35	23°40	13°52	27°43	8°49	22°14	22°13	22°41	16°35	n.a.	W14
T 15	0 55 41	12°37'20	1♍56	28°38	9°49	24°19	23°52	13°58	27°47	8°50	22°15	22° 4	22°38	16°42	n.a.	T 15
F 16	0 59 37	13°38'10	13°47	0♎11	11° 5	25° 4	24° 4	14° 4	27°50	8°50	22°17	21°52	22°35	16°48	n.a.	F 16
S 17	1 3 34	14°39'01	25°40	1°44	12°20	25°48	24°16	14°11	27°54	8°51	22°19	21°39	22°32	16°55	n.a.	S 17
S 18	1 7 30	15°39'53	7♎37	3°18	13°36	26°33	24°29	14°17	27°57	8°51	22°21	21°26	22°29	17° 2	n.a.	S 18
M19	1 11 27	16°40'47	19°39	4°52	14°52	27°18	24°41	14°24	28° 1	8°52	22°23	21°13	22°25	17° 9	n.a.	M19
T 20	1 15 23	17°41'42	1♏47	6°27	16° 7	28° 2	24°53	14°30	28° 5	8°53	22°25	21° 2	22°22	17°15	n.a.	T 20
W21	1 19 20	18°42'39	14° 2	8° 1	17°23	28°47	25° 6	14°37	28° 8	8°53	22°26	20°54	22°19	17°22	n.a.	W21
T 22	1 23 16	19°43'37	26°27	9°35	18°39	29°32	25°18	14°43	28°12	8°54	22°28	20°48	22°16	17°29	n.a.	T 22
F 23	1 27 13	20°44'36	9♐ 1	11°10	19°54	0♏17	25°31	14°50	28°16	8°55	22°30	20°45	22°13	17°35	n.a.	F 23
S 24	1 31 10	21°45'35	21°48	12°44	21°10	1° 2	25°44	14°56	28°19	8°56	22°32	20°D44	22°10	17°42	n.a.	S 24
S 25	1 35 6	22°46'36	4♑50	14°19	22°25	1°47	25°57	15° 3	28°23	8°56	22°34	20°45	22° 6	17°49	n.a.	S 25
M26	1 39 3	23°47'38	18°10	15°53	23°41	2°32	26° 9	15°10	28°27	8°57	22°36	20°R46	22° 3	17°56	n.a.	M26
T 27	1 42 59	24°48'40	1♒52	17°27	24°57	3°17	26°22	15°16	28°30	8°58	22°38	20°46	22° 0	18° 2	n.a.	T 27
W28	1 46 56	25°49'44	15°55	19° 2	26°12	4° 2	26°35	15°23	28°34	8°59	22°40	20°44	21°57	18° 9	n.a.	W28
T 29	1 50 52	26°50'47	0♓20	20°36	27°28	4°47	26°48	15°30	28°38	9° 0	22°42	20°40	21°54	18°16	n.a.	T 29
F 30	1 54 49	27°51'52	15° 4	22°10	28°43	5°32	27° 1	15°37	28°42	9° 1	22°44	20°33	21°50	18°22	n.a.	F 30
S 31	1 58 46	28♎52'57	0♈ 1	23♎44	29♎59	6♏17	27♏14	15♏44	28♎45	9♑ 2	22♏46	20♊25	21♊47	18♍29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	0n37	18s39	4s15	9n58	2n 2	4n21	1n19	5s35	0n 3	18s 6	0n15	14s20	1n36	10s11	0n23	23s33	0s 3	13s29	5n12	23n39	23n38	10n38			n.a.
F 2	0 12	13 46	4 47	9 39	2 6	3 50	1 18	5 52	0 2	18 9	0 15	14 21	1 36	10 12	0 23	23 33	0 3	13 30	5 12	23 38	23 38	10 35			n.a.
S 3	0s12	7 58	5 0	9 16	2 9	3 19	1 17	6 10	0 1	18 12	0 15	14 23	1 36	10 14	0 23	23 33	0 3	13 31	5 12	23 38	23 38	10 33			n.a.
S 4	0 36	1 40	4 51	8 50	2 11	2 47	1 16	6 28	0 1	18 15	0 14	14 25	1 35	10 15	0 23	23 33	0 3	13 31	5 12	23 37	23 38	10 30			n.a.
M 5	1 1	4n41	4 22	8 22	2 12	2 16	1 15	6 46	0 0	18 18	0 14	14 27	1 35	10 16	0 23	23 33	0 3	13 32	5 11	23 36	23 38	10 27			n.a.
T 6	1 25	10 37	3 36	7 51	2 11	1 44	1 13	7 3	0s 1	18 21	0 14	14 29	1 35	10 18	0 23	23 33	0 3	13 32	5 11	23 36	23 38	10 25			n.a.
W 7	1 50	15 49	2 37	7 18	2 10	1 12	1 12	7 21	0 1	18 24	0 14	14 31	1 35	10 19	0 23	23 33	0 3	13 33	5 11	23 36	23 37	10 22			n.a.
T 8	2 14	20 0	1 30	6 44	2 9	0 41	1 11	7 39	0 2	18 27	0 14	14 33	1 35	10 20	0 23	23 33	0 3	13 34	5 11	23 35	23 37	10 20			n.a.
F 9	2 38	22 57	0 21	6 7	2 6	0 9	1 9	7 56	0 3	18 30	0 14	14 35	1 35	10 21	0 23	23 33	0 3	13 34	5 11	23 35	23 37	10 17			n.a.
S 10	3 3	24 35	0n47	5 30	2 4	0s23	1 8	8 14	0 3	18 34	0 14	14 37	1 34	10 23	0 23	23 33	0 3	13 35	5 10	23 35	23 37	10 15			n.a.
S 11	3 27	24 55	1 51	4 51	2 0	0 55	1 6	8 31	0 4	18 37	0 13	14 39	1 34	10 24	0 23	23 33	0 3	13 36	5 10	23 35	23 37	10 12			n.a.
M12	3 51	24 0	2 49	4 11	1 56	1 27	1 5	8 48	0 5	18 40	0 13	14 41	1 34	10 25	0 23	23 33	0 3	13 36	5 10	23 35	23 37	10 10			n.a.
T 13	4 15	22 0	3 37	3 30	1 52	1 58	1 3	9 6	0 5	18 43	0 13	14 43	1 34	10 27	0 23	23 33	0 3	13 37	5 10	23 35	23 36	10 7			n.a.
W14	4 40	19 3	4 16	2 49	1 47	2 30	1 2	9 23	0 6	18 46	0 13	14 45	1 34	10 28	0 23	23 33	0 3	13 38	5 9	23 35	23 36	10 4			n.a.
T 15	5 4	15 21	4 43	2 7	1 42	3 2	1 0	9 40	0 7	18 49	0 13	14 47	1 34	10 29	0 23	23 33	0 3	13 38	5 9	23 34	23 36	10 2			n.a.
F 16	5 28	11 3	4 59	1 24	1 37	3 34	0 58	9 57	0 7	18 53	0 13	14 49	1 34	10 31	0 23	23 33	0 3	13 39	5 9	23 33	23 36	9 59			n.a.
S 17	5 52	6 20	5 1	0 41	1 31	4 5	0 56	10 15	0 8	18 56	0 13	14 51	1 34	10 32	0 23	23 33	0 3	13 39	5 9	23 33	23 36	9 57			n.a.
S 18	6 15	1 22	4 50	0s 2	1 26	4 37	0 55	10 32	0 9	18 59	0 12	14 53	1 33	10 33	0 23	23 33	0 3	13 40	5 9	23 32	23 36	9 54			n.a.
M19	6 39	3s42	4 26	0 45	1 20	5 8	0 53	10 49	0 9	19 2	0 12	14 55	1 33	10 35	0 23	23 33	0 3	13 41	5 8	23 31	23 35	9 51			n.a.
T 20	7 3	8 41	3 50	1 28	1 14	5 39	0 51	11 6	0 10	19 5	0 12	14 57	1 33	10 36	0 23	23 33	0 3	13 41	5 8	23 30	23 35	9 49			n.a.
W21	7 26	13 24	3 2	2 12	1 7	6 11	0 49	11 22	0 11	19 8	0 12	14 59	1 33	10 37	0 23	23 33	0 3	13 42	5 8	23 30	23 35	9 46			n.a.
T 22	7 50	17 37	2 6	2 55	1 1	6 42	0 47	11 39	0 11	19 12	0 12	15 1	1 33	10 39	0 23	23 33	0 3	13 43	5 8	23 29	23 35	9 44			n.a.
F 23	8 13	21 7	1 2	3 39	0 55	7 12	0 45	11 56	0 12	19 15	0 12	15 3	1 33	10 40	0 23	23 33	0 3	13 43	5 8	23 29	23 35	9 41			n.a.
S 24	8 36	23 39	0s 6	4 22	0 48	7 43	0 43	12 12	0 12	19 18	0 12	15 6	1 33	10 41	0 23	23 33	0 3	13 44	5 8	23 29	23 34	9 38			n.a.
S 25	9 0	24 58	1 15	5 5	0 41	8 14	0 41	12 29	0 13	19 21	0 12	15 8	1 33	10 43	0 23	23 33	0 3	13 45	5 7	23 29	23 34	9 36			n.a.
M26	9 22	24 53	2 21	5 49	0 35	8 44	0 39	12 45	0 14	19 24	0 11	15 10	1 33	10 44	0 23	23 33	0 3	13 45	5 7	23 29	23 34	9 33			n.a.
T 27	9 45	23 20	3 22	6 31	0 28	9 14	0 37	13 1	0 14	19 28	0 11	15 12	1 32	10 45	0 23	23 33	0 3	13 46	5 7	23 29	23 34	9 30			n.a.
W28	10 8	20 18	4 12	7 14	0 22	9 44	0 34	13 18	0 15	19 31	0 11	15 14	1 32	10 47	0 23	23 33	0 3	13 47	5 7	23 29	23 34	9 28			n.a.
T 29	10 30	15 59	4 47	7 56	0 15	10 14	0 32	13 34	0 16	19 34	0 11	15 16	1 32	10 48	0 23	23 33	0 3	13 47	5 7	23 29	23 33	9 25			n.a.
F 30	10 53	10 38	5 5	8 38	0 8	10 43	0 30	13 50	0 16	19 37	0 11	15 18	1 32	10 49	0 23	23 33	0 3	13 48	5 7	23 28	23 33	9 23			n.a.
S 31	11s15	4s35	5s 2	9s20	0n 2	11s12	0n28	14s 5	0s17	19s40	0n11	15s20	1n32	10s51	0n23	23s33	0s 3	13s49	5n 6	23n28	23n33	9n20			n.a.

Julian Day Number = 1371421.5, Delta T = 06h50m20s
Ecliptic obliquity = 23°48'37, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°18'19, Lahiri = -17°11'19 Julian Calendar 1 Oct. 959 BCE == Greg. Calendar 22 Sept. 959 BCE

The year -958 astronomical counting style corresponds to year 959 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 959 BCE
geocentric

NOVEMBER 959 BCE (-958) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 2 42	29♎54'03	15♈ 3	25♎19	1♏15	7♏ 3	27♏27	15♏50	28♎49	9♑ 3	22♏48	20°R17	21♊44	18♍36	n.a.	S 1
M 2	2 6 39	0♏55'10	0♉ 0	26°53	2°30	7°48	27°41	15°57	28°53	9° 4	22°50	20♊ 9	21°41	18°43	n.a.	M 2
T 3	2 10 35	1°56'17	14°43	28°27	3°46	8°33	27°54	16° 4	28°56	9° 5	22°52	20° 3	21°38	18°49	n.a.	T 3
W 4	2 14 32	2°57'26	29° 5	0♏ 1	5° 1	9°19	28° 7	16°11	29° 0	9° 7	22°54	19°59	21°35	18°56	n.a.	W 4
T 5	2 18 28	3°58'35	13♊ 1	1°36	6°17	10° 4	28°20	16°18	29° 4	9° 8	22°56	19°57	21°31	19° 3	n.a.	T 5
F 6	2 22 25	4°59'46	26°29	3°10	7°32	10°50	28°34	16°25	29° 7	9° 9	22°58	19°D57	21°28	19°10	n.a.	F 6
S 7	2 26 21	6° 0'57	9♋31	4°44	8°48	11°35	28°47	16°32	29°11	9°10	23° 0	19°58	21°25	19°16	n.a.	S 7
S 8	2 30 18	7° 2'10	22° 9	6°19	10° 3	12°21	29° 1	16°39	29°15	9°11	23° 3	20° 0	21°22	19°23	n.a.	S 8
M 9	2 34 15	8° 3'23	4♌28	7°53	11°19	13° 7	29°14	16°46	29°19	9°13	23° 5	20°R 1	21°19	19°30	n.a.	M 9
T 10	2 38 11	9° 4'37	16°33	9°28	12°35	13°52	29°28	16°53	29°22	9°14	23° 7	20° 0	21°16	19°36	n.a.	T 10
W11	2 42 8	10° 5'52	28°29	11° 3	13°50	14°38	29°41	17° 0	29°26	9°15	23° 9	19°58	21°12	19°43	n.a.	W11
T 12	2 46 4	11° 7'07	10♍21	12°38	15° 6	15°24	29°55	17° 7	29°30	9°17	23°11	19°55	21° 9	19°50	n.a.	T 12
F 13	2 50 1	12° 8'23	22°12	14°13	16°21	16°10	0♐ 9	17°14	29°33	9°18	23°13	19°49	21° 6	19°57	n.a.	F 13
S 14	2 53 57	13° 9'40	4♎ 7	15°48	17°37	16°55	0°22	17°21	29°37	9°20	23°15	19°43	21° 3	20° 3	n.a.	S 14
S 15	2 57 54	14°10'57	16° 8	17°24	18°52	17°41	0°36	17°28	29°40	9°21	23°17	19°35	21° 0	20°10	n.a.	S 15
M16	3 1 50	15°12'15	28°18	19° 0	20° 8	18°27	0°50	17°35	29°44	9°23	23°20	19°29	20°56	20°17	n.a.	M16
T 17	3 5 47	16°13'33	10♏38	20°35	21°23	19°13	1° 4	17°42	29°48	9°24	23°22	19°23	20°53	20°24	n.a.	T 17
W18	3 9 44	17°14'52	23° 9	22°11	22°39	19°59	1°17	17°49	29°51	9°26	23°24	19°19	20°50	20°30	n.a.	W18
T 19	3 13 40	18°16'10	5♐51	23°48	23°54	20°46	1°31	17°56	29°55	9°27	23°26	19°16	20°47	20°37	n.a.	T 19
F 20	3 17 37	19°17'29	18°45	25°24	25°10	21°32	1°45	18° 3	29°58	9°29	23°28	19°D15	20°44	20°44	n.a.	F 20
S 21	3 21 33	20°18'48	1♑51	27° 1	26°25	22°18	1°59	18°10	0♏ 2	9°30	23°30	19°16	20°41	20°50	n.a.	S 21
S 22	3 25 30	21°20'07	15° 9	28°38	27°40	23° 4	2°13	18°17	0° 5	9°32	23°33	19°17	20°37	20°57	n.a.	S 22
M23	3 29 26	22°21'26	28°40	0♐15	28°56	23°50	2°27	18°24	0° 9	9°34	23°35	19°19	20°34	21° 4	n.a.	M23
T 24	3 33 23	23°22'44	12♒25	1°53	0♐11	24°37	2°41	18°31	0°12	9°35	23°37	19°20	20°31	21°11	n.a.	T 24
W25	3 37 20	24°24'02	26°24	3°30	1°27	25°23	2°55	18°38	0°16	9°37	23°39	19°R21	20°28	21°17	n.a.	W25
T 26	3 41 16	25°25'19	10♓35	5° 8	2°42	26° 9	3° 9	18°45	0°19	9°39	23°41	19°20	20°25	21°24	n.a.	T 26
F 27	3 45 13	26°26'36	24°57	6°45	3°57	26°56	3°23	18°52	0°23	9°41	23°44	19°18	20°21	21°31	n.a.	F 27
S 28	3 49 9	27°27'53	9♈27	8°23	5°13	27°42	3°37	18°59	0°26	9°42	23°46	19°15	20°18	21°38	n.a.	S 28
S 29	3 53 6	28°29'09	24° 0	10° 1	6°28	28°28	3°51	19° 6	0°30	9°44	23°48	19°12	20°15	21°44	n.a.	S 29
M30	3 57 2	29♏30'24	8♉30	11♐38	7♐44	29♏15	4♐ 5	19♏13	0♏33	9♑46	23♏50	19♊ 9	20♊12	21♍51	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s37	1n45	4s38	10s 1	0s 5	11s41	0n26	14s21	0s18	19s43	0n11	15s22	1n32	10s52	0n23	23s33	0s 3	13s49	5n 6	23n27	23n33	9n17		n.a.
M 2	11 58	7 58	3 56	10 42	0 11	12 10	0 23	14 37	0 18	19 47	0 11	15 24	1 32	10 53	0 23	23 33	0 3	13 50	5 6	23 26	23 33	9 15		n.a.
T 3	12 20	13 40	2 58	11 22	0 18	12 38	0 21	14 52	0 19	19 50	0 10	15 26	1 32	10 55	0 23	23 33	0 3	13 51	5 6	23 26	23 32	9 12		n.a.
W 4	12 41	18 28	1 50	12 2	0 24	13 6	0 19	15 8	0 20	19 53	0 10	15 28	1 32	10 56	0 23	23 32	0 3	13 51	5 6	23 26	23 32	9 9		n.a.
T 5	13 2	22 6	0 37	12 41	0 31	13 34	0 16	15 23	0 20	19 56	0 10	15 31	1 32	10 57	0 23	23 32	0 3	13 52	5 6	23 25	23 32	9 7		n.a.
F 6	13 23	24 21	0n35	13 20	0 37	14 1	0 14	15 38	0 21	19 59	0 10	15 33	1 31	10 59	0 23	23 32	0 3	13 53	5 5	23 25	23 32	9 4		n.a.
S 7	13 44	25 11	1 44	13 58	0 43	14 28	0 12	15 53	0 22	20 2	0 10	15 35	1 31	11 0	0 23	23 32	0 3	13 53	5 5	23 25	23 32	9 1		n.a.
S 8	14 4	24 40	2 45	14 36	0 49	14 55	0 9	16 8	0 22	20 5	0 10	15 37	1 31	11 1	0 23	23 32	0 3	13 54	5 5	23 26	23 31	8 59		n.a.
M 9	14 25	22 57	3 38	15 13	0 55	15 21	0 7	16 23	0 23	20 8	0 10	15 39	1 31	11 3	0 23	23 32	0 3	13 55	5 5	23 26	23 31	8 56		n.a.
T 10	14 45	20 13	4 19	15 50	1 1	15 47	0 5	16 37	0 23	20 12	0 10	15 41	1 31	11 4	0 23	23 32	0 3	13 55	5 5	23 26	23 31	8 53		n.a.
W11	15 4	16 41	4 49	16 25	1 6	16 12	0 2	16 52	0 24	20 15	0 9	15 43	1 31	11 5	0 23	23 32	0 3	13 56	5 5	23 25	23 31	8 51		n.a.
T 12	15 24	12 30	5 6	17 0	1 12	16 37	0s 0	17 6	0 25	20 18	0 9	15 45	1 31	11 7	0 23	23 32	0 3	13 57	5 5	23 25	23 31	8 48		n.a.
F 13	15 43	7 52	5 10	17 35	1 17	17 1	0 2	17 20	0 25	20 21	0 9	15 47	1 31	11 8	0 23	23 32	0 3	13 57	5 4	23 25	23 30	8 45		n.a.
S 14	16 2	2 55	5 0	18 8	1 22	17 26	0 5	17 34	0 26	20 24	0 9	15 49	1 31	11 9	0 23	23 32	0 3	13 58	5 4	23 24	23 30	8 43		n.a.
S 15	16 20	2s11	4 38	18 41	1 27	17 49	0 7	17 48	0 27	20 27	0 9	15 51	1 31	11 11	0 23	23 32	0 3	13 59	5 4	23 24	23 30	8 40		n.a.
M16	16 39	7 16	4 2	19 12	1 32	18 12	0 10	18 1	0 27	20 30	0 9	15 53	1 31	11 12	0 23	23 31	0 3	13 59	5 4	23 23	23 30	8 37		n.a.
T 17	16 57	12 10	3 15	19 43	1 36	18 35	0 12	18 15	0 28	20 33	0 9	15 55	1 31	11 13	0 23	23 31	0 3	14 0	5 4	23 23	23 29	8 35		n.a.
W18	17 15	16 38	2 18	20 13	1 41	18 57	0 14	18 28	0 28	20 36	0 9	15 57	1 31	11 14	0 23	23 31	0 3	14 1	5 4	23 22	23 29	8 32		n.a.
T 19	17 32	20 25	1 13	20 42	1 45	19 18	0 17	18 41	0 29	20 39	0 9	15 59	1 31	11 16	0 23	23 31	0 3	14 1	5 4	23 22	23 29	8 29		n.a.
F 20	17 49	23 17	0 3	21 10	1 48	19 39	0 19	18 54	0 30	20 42	0 8	16 1	1 31	11 17	0 23	23 31	0 3	14 2	5 4	23 22	23 29	8 27		n.a.
S 21	18 6	24 56	1s 8	21 36	1 52	20 0	0 21	19 7	0 30	20 45	0 8	16 3	1 30	11 18	0 23	23 31	0 3	14 2	5 4	23 22	23 29	8 24		n.a.
S 22	18 22	25 12	2 17	22 2	1 55	20 20	0 24	19 19	0 31	20 48	0 8	16 5	1 30	11 19	0 23	23 31	0 3	14 3	5 3	23 22	23 28	8 21		n.a.
M23	18 39	24 0	3 20	22 26	1 58	20 39	0 26	19 32	0 32	20 50	0 8	16 8	1 30	11 21	0 23	23 31	0 3	14 4	5 3	23 22	23 28	8 18		n.a.
T 24	18 54	21 21	4 12	22 49	2 0	20 58	0 28	19 44	0 32	20 53	0 8	16 10	1 30	11 22	0 23	23 31	0 3	14 4	5 3	23 22	23 28	8 16		n.a.
W25	19 10	17 26	4 50	23 11	2 2	21 16	0 31	19 56	0 33	20 56	0 8	16 11	1 30	11 23	0 23	23 30	0 3	14 5	5 3	23 22	23 28	8 13		n.a.
T 26	19 25	12 29	5 11	23 31	2 4	21 34	0 33	20 8	0 33	20 59	0 8	16 13	1 30	11 24	0 23	23 30	0 3	14 6	5 3	23 22	23 27	8 10		n.a.
F 27	19 40	6 48	5 13	23 50	2 6	21 50	0 35	20 19	0 34	21 2	0 8	16 15	1 30	11 26	0 23	23 30	0 3	14 6	5 3	23 22	23 27	8 8		n.a.
S 28	19 54	0 42	4 55	24 8	2 7	22 7	0 37	20 31	0 34	21 5	0 8	16 17	1 30	11 27	0 23	23 30	0 3	14 7	5 3	23 22	23 27	8 5		n.a.
S 29	20 8	5n27	4 18	24 23	2 7	22 22	0 39	20 42	0 35	21 7	0 7	16 19	1 30	11 28	0 23	23 30	0 3	14 7	5 3	23 22	23 27	8 2		n.a.
M30	20s21	11n19	3s25	24s37	2s 7	22s37	0s42	20s53	0s36	21s10	0n 7	16s21	1n30	11s29	0n23	23s30	0s 3	14s 8	5n 3	23n22	23n26	7n59		n.a.

Julian Day Number = 1371452.5, Delta T = 06h50m18s
Ecliptic obliquity = 23°48'37, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°18'15, Lahiri = -17°11'14 Julian Calendar 1 Nov. 959 BCE == Greg. Calendar 23 Oct. 959 BCE

The year -958 astronomical counting style corresponds to year 959 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 959 BCE
geocentric

DECEMBER 959 BCE (-958) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 0 59	0♐31'40	22♉51	13♐16	8♐59	0♐ 1	4♐19	19♏20	0♏36	9♑48	23♏52	19°R 7	20♊ 9	21♍58	n.a.	T 1
W 2	4 4 55	1°32'55	6♊57	14°53	10°14	0°48	4°33	19°27	0°40	9°50	23°54	19♊ 6	20° 6	22° 4	n.a.	W 2
T 3	4 8 52	2°34'10	20°44	16°29	11°29	1°34	4°47	19°34	0°43	9°52	23°56	19°D 6	20° 2	22°11	n.a.	T 3
F 4	4 12 49	3°35'24	4♋ 9	18° 5	12°45	2°21	5° 1	19°41	0°46	9°54	23°59	19° 6	19°59	22°18	n.a.	F 4
S 5	4 16 45	4°36'38	17°12	19°40	14° 0	3° 8	5°15	19°48	0°49	9°56	24° 1	19° 7	19°56	22°25	n.a.	S 5
S 6	4 20 42	5°37'52	29°54	21°14	15°15	3°54	5°29	19°54	0°53	9°57	24° 3	19° 8	19°53	22°31	n.a.	S 6
M 7	4 24 38	6°39'06	12♌18	22°47	16°31	4°41	5°43	20° 1	0°56	9°59	24° 5	19°10	19°50	22°38	n.a.	M 7
T 8	4 28 35	7°40'19	24°27	24°18	17°46	5°28	5°57	20° 8	0°59	10° 1	24° 7	19°11	19°47	22°45	n.a.	T 8
W 9	4 32 31	8°41'32	6♍26	25°47	19° 1	6°14	6°11	20°15	1° 2	10° 3	24° 9	19°R11	19°43	22°51	n.a.	W 9
T 10	4 36 28	9°42'44	18°19	27°14	20°16	7° 1	6°25	20°22	1° 5	10° 5	24°11	19°11	19°40	22°58	n.a.	T 10
F 11	4 40 25	10°43'56	0♎11	28°37	21°32	7°48	6°39	20°28	1° 8	10° 7	24°14	19°10	19°37	23° 5	n.a.	F 11
S 12	4 44 21	11°45'08	12° 7	29°57	22°47	8°35	6°53	20°35	1°11	10° 9	24°16	19° 9	19°34	23°12	n.a.	S 12
S 13	4 48 18	12°46'19	24°11	1♑13	24° 2	9°22	7° 7	20°42	1°14	10°12	24°18	19° 8	19°31	23°18	n.a.	S 13
M14	4 52 14	13°47'29	6♏26	2°24	25°17	10° 8	7°21	20°49	1°17	10°14	24°20	19° 8	19°27	23°25	n.a.	M14
T 15	4 56 11	14°48'39	18°56	3°30	26°32	10°55	7°35	20°55	1°20	10°16	24°22	19° 7	19°24	23°32	n.a.	T 15
W16	5 0 7	15°49'48	1♐41	4°29	27°47	11°42	7°49	21° 2	1°23	10°18	24°24	19° 7	19°21	23°39	n.a.	W16
T 17	5 4 4	16°50'57	14°42	5°20	29° 3	12°29	8° 3	21° 8	1°26	10°20	24°26	19°D 6	19°18	23°45	n.a.	T 17
F 18	5 8 0	17°52'04	27°59	6° 4	0♑18	13°16	8°17	21°15	1°29	10°22	24°28	19° 6	19°15	23°52	n.a.	F 18
S 19	5 11 57	18°53'10	11♑32	6°39	1°33	14° 3	8°31	21°22	1°32	10°24	24°30	19°R 7	19°12	23°59	n.a.	S 19
S 20	5 15 54	19°54'16	25°16	7° 4	2°48	14°50	8°45	21°28	1°35	10°26	24°32	19° 6	19° 8	24° 5	n.a.	S 20
M21	5 19 50	20°55'20	9♒12	7°18	4° 3	15°37	8°59	21°34	1°37	10°29	24°34	19° 6	19° 5	24°12	n.a.	M21
T 22	5 23 47	21°56'22	23°15	7°R21	5°18	16°24	9°13	21°41	1°40	10°31	24°36	19° 6	19° 2	24°19	n.a.	T 22
W23	5 27 43	22°57'24	7♓23	7°14	6°33	17°11	9°27	21°47	1°43	10°33	24°38	19° 6	18°59	24°26	n.a.	W23
T 24	5 31 40	23°58'23	21°34	6°54	7°48	17°58	9°40	21°54	1°45	10°35	24°40	19°D 6	18°56	24°32	n.a.	T 24
F 25	5 35 36	24°59'22	5♈46	6°24	9° 3	18°45	9°54	22° 0	1°48	10°37	24°42	19° 6	18°53	24°39	n.a.	F 25
S 26	5 39 33	26° 0'18	19°55	5°43	10°18	19°32	10° 8	22° 6	1°51	10°40	24°44	19° 6	18°49	24°46	n.a.	S 26
S 27	5 43 29	27° 1'13	4♉ 1	4°53	11°33	20°20	10°22	22°12	1°53	10°42	24°46	19° 7	18°46	24°53	n.a.	S 27
M28	5 47 26	28° 2'07	18° 0	3°54	12°48	21° 7	10°36	22°18	1°55	10°44	24°48	19° 8	18°43	24°59	n.a.	M28
T 29	5 51 23	29° 2'59	1♊51	2°49	14° 3	21°54	10°49	22°25	1°58	10°46	24°50	19° 8	18°40	25° 6	n.a.	T 29
W30	5 55 19	0♑ 3'50	15°30	1°40	15°18	22°41	11° 3	22°31	2° 0	10°48	24°51	19°R 9	18°37	25°13	n.a.	W30
T 31	5 59 16	1♑ 4'39	28♊56	0♑28	16♑33	23♐28	11♐17	22♏37	2♏ 3	10♑51	24♏53	19♊ 9	18♊33	25♍19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s35	16n31	2s20	24s50	2s 6	22s51	0s44	21s 4	0s36	21s13	0n 7	16s23	1n30	11s30	0n23	23s30	0s 3	14s 9	5n 3	23n21	23n26	7n57		n.a.
W 2	20 47	20 43	1 7	25 1	2 5	23 5	0 46	21 14	0 37	21 16	0 7	16 25	1 30	11 32	0 23	23 30	0 3	14 9	5 3	23 21	23 26	7 54		n.a.
T 3	21 0	23 38	0n 9	25 10	2 4	23 18	0 48	21 24	0 37	21 18	0 7	16 27	1 30	11 33	0 23	23 29	0 3	14 10	5 2	23 21	23 26	7 51		n.a.
F 4	21 12	25 7	1 22	25 17	2 1	23 30	0 50	21 34	0 38	21 21	0 7	16 29	1 30	11 34	0 23	23 29	0 3	14 11	5 2	23 21	23 26	7 49		n.a.
S 5	21 23	25 9	2 29	25 22	1 58	23 42	0 52	21 44	0 39	21 24	0 7	16 31	1 30	11 35	0 23	23 29	0 3	14 11	5 2	23 21	23 25	7 46		n.a.
S 6	21 35	23 51	3 27	25 25	1 54	23 52	0 54	21 54	0 39	21 26	0 7	16 33	1 30	11 36	0 23	23 29	0 3	14 12	5 2	23 21	23 25	7 43		n.a.
M 7	21 45	21 25	4 14	25 26	1 50	24 2	0 56	22 3	0 40	21 29	0 7	16 35	1 30	11 37	0 23	23 29	0 3	14 12	5 2	23 22	23 25	7 40		n.a.
T 8	21 56	18 5	4 48	25 26	1 45	24 12	0 58	22 12	0 40	21 32	0 6	16 37	1 30	11 38	0 23	23 29	0 3	14 13	5 2	23 22	23 25	7 38		n.a.
W 9	22 6	14 3	5 9	25 23	1 38	24 20	1 0	22 21	0 41	21 34	0 6	16 38	1 30	11 40	0 23	23 29	0 3	14 13	5 2	23 22	23 24	7 35		n.a.
T 10	22 15	9 32	5 17	25 18	1 31	24 28	1 1	22 30	0 41	21 37	0 6	16 40	1 30	11 41	0 23	23 29	0 3	14 14	5 2	23 22	23 24	7 32		n.a.
F 11	22 24	4 40	5 11	25 11	1 23	24 35	1 3	22 38	0 42	21 39	0 6	16 42	1 30	11 42	0 23	23 28	0 3	14 15	5 2	23 22	23 24	7 29		n.a.
S 12	22 33	0s24	4 52	25 3	1 14	24 41	1 5	22 46	0 42	21 42	0 6	16 44	1 30	11 43	0 23	23 28	0 3	14 15	5 2	23 22	23 24	7 27		n.a.
S 13	22 41	5 30	4 19	24 53	1 4	24 47	1 7	22 54	0 43	21 44	0 6	16 46	1 30	11 44	0 23	23 28	0 3	14 16	5 2	23 21	23 23	7 24		n.a.
M14	22 49	10 30	3 35	24 40	0 53	24 52	1 8	23 2	0 43	21 47	0 6	16 47	1 30	11 45	0 23	23 28	0 3	14 16	5 2	23 21	23 23	7 21		n.a.
T 15	22 56	15 10	2 40	24 27	0 41	24 56	1 10	23 9	0 44	21 49	0 6	16 49	1 30	11 46	0 23	23 28	0 3	14 17	5 2	23 21	23 23	7 18		n.a.
W16	23 3	19 16	1 35	24 12	0 28	24 59	1 11	23 16	0 45	21 52	0 6	16 51	1 30	11 47	0 23	23 28	0 3	14 17	5 2	23 21	23 23	7 16		n.a.
T 17	23 9	22 31	0 24	23 56	0 14	25 1	1 13	23 23	0 45	21 54	0 5	16 53	1 30	11 48	0 23	23 27	0 3	14 18	5 2	23 21	23 22	7 13		n.a.
F 18	23 15	24 37	0s49	23 39	0n 2	25 3	1 14	23 30	0 46	21 56	0 5	16 54	1 30	11 49	0 23	23 27	0 3	14 18	5 2	23 21	23 22	7 10		n.a.
S 19	23 20	25 19	2 1	23 21	0 18	25 4	1 16	23 36	0 46	21 59	0 5	16 56	1 30	11 50	0 23	23 27	0 3	14 19	5 2	23 21	23 22	7 7		n.a.
S 20	23 25	24 29	3 7	23 2	0 35	25 4	1 17	23 42	0 47	22 1	0 5	16 58	1 30	11 51	0 23	23 27	0 3	14 19	5 2	23 21	23 21	7 4		n.a.
M21	23 30	22 8	4 3	22 44	0 53	25 3	1 18	23 48	0 47	22 3	0 5	17 0	1 30	11 52	0 23	23 27	0 3	14 20	5 2	23 21	23 21	7 2		n.a.
T 22	23 34	18 27	4 45	22 25	1 11	25 2	1 20	23 54	0 48	22 6	0 5	17 1	1 30	11 53	0 23	23 27	0 3	14 20	5 1	23 21	23 21	6 59		n.a.
W23	23 37	13 43	5 10	22 7	1 30	24 59	1 21	23 59	0 48	22 8	0 5	17 3	1 30	11 54	0 23	23 27	0 4	14 21	5 1	23 21	23 21	6 56		n.a.
T 24	23 40	8 14	5 17	21 50	1 48	24 56	1 22	24 4	0 49	22 10	0 5	17 5	1 30	11 55	0 23	23 26	0 4	14 21	5 1	23 21	23 20	6 53		n.a.
F 25	23 43	2 19	5 4	21 33	2 6	24 52	1 23	24 8	0 49	22 12	0 5	17 6	1 30	11 56	0 23	23 26	0 4	14 22	5 1	23 21	23 20	6 50		n.a.
S 26	23 45	3n43	4 32	21 17	2 24	24 48	1 24	24 13	0 50	22 14	0 4	17 8	1 30	11 56	0 23	23 26	0 4	14 22	5 1	23 21	23 20	6 48		n.a.
S 27	23 47	9 32	3 45	21 2	2 41	24 42	1 25	24 17	0 50	22 17	0 4	17 9	1 30	11 57	0 23	23 26	0 4	14 23	5 1	23 21	23 20	6 45		n.a.
M28	23 48	14 50	2 44	20 49	2 56	24 36	1 26	24 21	0 51	22 19	0 4	17 11	1 30	11 58	0 23	23 26	0 4	14 23	5 1	23 21	23 19	6 42		n.a.
T 29	23 48	19 19	1 34	20 37	3 10	24 29	1 27	24 24	0 51	22 21	0 4	17 12	1 30	11 59	0 23	23 25	0 4	14 24	5 1	23 21	23 19	6 39		n.a.
W30	23 49	22 40	0 20	20 27	3 21	24 22	1 27	24 28	0 51	22 23	0 4	17 14	1 30	12 0	0 23	23 25	0 4	14 24	5 1	23 22	23 19	6 36		n.a.
T 31	23s48	24n42	0n54	20s18	3n30	24s13	1s28	24s31	0s52	22s25	0n 4	17s16	1n30	12s 1	0n23	23s25	0s 4	14s25	5n 1	23n21	23n19	6n34		n.a.

Julian Day Number = 1371482.5, Delta T = 06h50m17s
Ecliptic obliquity = 23°48'36, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°18'11, Lahiri = -17°11'10 Julian Calendar 1 Dec. 959 BCE == Greg. Calendar 22 Nov. 959 BCE

The year -958 astronomical counting style corresponds to year 959 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 958 BCE
geocentric

JANUARY 958 BCE (-957) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 3 12	2♉ 5'27	12♋ 6	29°R15	17♉48	24♐15	11♐30	22♏43	2♏ 5	10♉53	24♏55	19°R 8	18♊30	25♍26	n.a.	F 1
S 2	6 7 9	3° 6'13	25° 1	28♐ 4	19° 2	25° 2	11°44	22°49	2° 7	10°55	24°57	19♊ 6	18°27	25°33	n.a.	S 2
S 3	6 11 5	4° 6'58	7♌39	26°56	20°17	25°50	11°57	22°55	2° 9	10°58	24°59	19° 4	18°24	25°40	n.a.	S 3
M 4	6 15 2	5° 7'42	20° 2	25°53	21°32	26°37	12°11	23° 0	2°12	11° 0	25° 1	19° 2	18°21	25°46	n.a.	M 4
T 5	6 18 59	6° 8'24	2♍12	24°56	22°47	27°24	12°25	23° 6	2°14	11° 2	25° 2	18°59	18°18	25°53	n.a.	T 5
W 6	6 22 55	7° 9'05	14°12	24° 6	24° 2	28°11	12°38	23°12	2°16	11° 4	25° 4	18°57	18°14	26° 0	n.a.	W 6
T 7	6 26 52	8° 9'45	26° 6	23°24	25°16	28°58	12°51	23°18	2°18	11° 7	25° 6	18°56	18°11	26° 7	n.a.	T 7
F 8	6 30 48	9°10'23	7♎59	22°49	26°31	29°46	13° 5	23°23	2°20	11° 9	25° 7	18°D55	18° 8	26°13	n.a.	F 8
S 9	6 34 45	10°10'59	19°54	22°22	27°46	0♉33	13°18	23°29	2°22	11°11	25° 9	18°55	18° 5	26°20	n.a.	S 9
S 10	6 38 41	11°11'35	1♏57	22° 3	29° 0	1°20	13°31	23°34	2°24	11°13	25°11	18°56	18° 2	26°27	n.a.	S 10
M11	6 42 38	12°12'09	14°13	21°52	0♒15	2° 7	13°45	23°40	2°26	11°16	25°12	18°58	17°59	26°33	n.a.	M11
T 12	6 46 34	13°12'41	26°45	21°D48	1°30	2°54	13°58	23°45	2°27	11°18	25°14	19° 0	17°55	26°40	n.a.	T 12
W13	6 50 31	14°13'12	9♐38	21°51	2°44	3°42	14°11	23°50	2°29	11°20	25°16	19° 1	17°52	26°47	n.a.	W13
T 14	6 54 28	15°13'42	22°52	22° 1	3°59	4°29	14°24	23°56	2°31	11°23	25°17	19°R 1	17°49	26°54	n.a.	T 14
F 15	6 58 24	16°14'10	6♉28	22°17	5°13	5°16	14°37	24° 1	2°32	11°25	25°19	19° 0	17°46	27° 0	n.a.	F 15
S 16	7 2 21	17°14'36	20°25	22°39	6°28	6° 3	14°50	24° 6	2°34	11°27	25°20	18°58	17°43	27° 7	n.a.	S 16
S 17	7 6 17	18°15'00	4♒39	23° 6	7°42	6°51	15° 3	24°11	2°36	11°29	25°22	18°54	17°39	27°14	n.a.	S 17
M18	7 10 14	19°15'22	19° 4	23°38	8°57	7°38	15°16	24°16	2°37	11°32	25°23	18°49	17°36	27°20	n.a.	M18
T 19	7 14 10	20°15'42	3♓35	24°14	10°11	8°25	15°29	24°21	2°39	11°34	25°25	18°45	17°33	27°27	n.a.	T 19
W20	7 18 7	21°16'00	18° 6	24°55	11°26	9°12	15°41	24°26	2°40	11°36	25°26	18°40	17°30	27°34	n.a.	W20
T 21	7 22 3	22°16'16	2♈31	25°40	12°40	10° 0	15°54	24°31	2°41	11°38	25°27	18°37	17°27	27°41	n.a.	T 21
F 22	7 26 0	23°16'29	16°46	26°28	13°54	10°47	16° 7	24°35	2°43	11°41	25°29	18°36	17°24	27°47	n.a.	F 22
S 23	7 29 57	24°16'40	0♉49	27°20	15° 9	11°34	16°19	24°40	2°44	11°43	25°30	18°D36	17°20	27°54	n.a.	S 23
S 24	7 33 53	25°16'49	14°40	28°15	16°23	12°21	16°32	24°45	2°45	11°45	25°31	18°37	17°17	28° 1	n.a.	S 24
M25	7 37 50	26°16'56	28°17	29°13	17°37	13° 8	16°44	24°49	2°46	11°47	25°33	18°39	17°14	28° 8	n.a.	M25
T 26	7 41 46	27°17'01	11♊42	0♉13	18°51	13°55	16°56	24°54	2°47	11°50	25°34	18°40	17°11	28°14	n.a.	T 26
W27	7 45 43	28°17'03	24°55	1°16	20° 5	14°43	17° 9	24°58	2°48	11°52	25°35	18°R40	17° 8	28°21	n.a.	W27
T 28	7 49 39	29°17'03	7♋56	2°21	21°20	15°30	17°21	25° 2	2°49	11°54	25°36	18°38	17° 5	28°28	n.a.	T 28
F 29	7 53 36	0♒17'01	20°46	3°29	22°34	16°17	17°33	25° 6	2°50	11°56	25°38	18°34	17° 1	28°34	n.a.	F 29
S 30	7 57 32	1°16'57	3♌24	4°39	23°48	17° 4	17°45	25°11	2°51	11°58	25°39	18°28	16°58	28°41	n.a.	S 30
S 31	8 1 29	2♒16'51	15♌51	5♉51	25♒ 2	17♉51	17♐57	25♏15	2♏52	12♉ 1	25♏40	18♊21	16♊55	28♍48	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s48	25n18	2n 4	20s11	3n37	24s 4	1s29	24s33	0s52	22s27	0n 4	17s17	1n30	12s 1	0n23	23s25	0s 4	14s25	5n 1	23n21	23n18	6n31		n.a.
S 2	23 46	24 30	3 5	20 6	3 42	23 54	1 29	24 36	0 53	22 29	0 4	17 19	1 30	12 2	0 23	23 25	0 4	14 26	5 1	23 21	23 18	6 28		n.a.
S 3	23 45	22 27	3 57	20 2	3 44	23 44	1 30	24 38	0 53	22 31	0 4	17 20	1 30	12 3	0 23	23 25	0 4	14 26	5 1	23 21	23 18	6 25		n.a.
M 4	23 43	19 23	4 36	20 0	3 44	23 32	1 30	24 40	0 54	22 33	0 4	17 21	1 30	12 4	0 23	23 24	0 4	14 26	5 1	23 21	23 17	6 22		n.a.
T 5	23 40	15 32	5 2	20 1	3 42	23 20	1 31	24 41	0 54	22 35	0 3	17 23	1 30	12 5	0 23	23 24	0 4	14 27	5 1	23 21	23 17	6 20		n.a.
W 6	23 37	11 7	5 14	20 2	3 38	23 8	1 31	24 42	0 55	22 36	0 3	17 24	1 30	12 5	0 23	23 24	0 4	14 27	5 1	23 21	23 17	6 17		n.a.
T 7	23 33	6 20	5 13	20 6	3 33	22 54	1 31	24 43	0 55	22 38	0 3	17 26	1 30	12 6	0 23	23 24	0 4	14 28	5 1	23 20	23 17	6 14		n.a.
F 8	23 29	1 20	4 58	20 11	3 26	22 40	1 31	24 44	0 55	22 40	0 3	17 27	1 30	12 7	0 23	23 24	0 4	14 28	5 1	23 20	23 16	6 11		n.a.
S 9	23 25	3s44	4 30	20 18	3 18	22 25	1 31	24 44	0 56	22 42	0 3	17 28	1 30	12 7	0 23	23 24	0 4	14 28	5 1	23 20	23 16	6 8		n.a.
S 10	23 20	8 44	3 51	20 26	3 8	22 10	1 31	24 44	0 56	22 44	0 3	17 30	1 30	12 8	0 23	23 23	0 4	14 29	5 1	23 20	23 16	6 5		n.a.
M11	23 14	13 29	3 0	20 35	2 59	21 54	1 31	24 44	0 57	22 45	0 3	17 31	1 30	12 9	0 23	23 23	0 4	14 29	5 1	23 21	23 15	6 3		n.a.
T 12	23 9	17 48	1 59	20 45	2 48	21 37	1 31	24 44	0 57	22 47	0 3	17 32	1 30	12 9	0 23	23 23	0 4	14 30	5 1	23 21	23 15	6 0		n.a.
W13	23 2	21 23	0 51	20 57	2 37	21 20	1 31	24 43	0 57	22 49	0 3	17 34	1 31	12 10	0 23	23 23	0 4	14 30	5 1	23 21	23 15	5 57		n.a.
T 14	22 56	23 58	0s21	21 8	2 26	21 2	1 31	24 42	0 58	22 50	0 2	17 35	1 31	12 10	0 23	23 23	0 4	14 30	5 1	23 21	23 15	5 54		n.a.
F 15	22 48	25 13	1 34	21 21	2 14	20 43	1 31	24 40	0 58	22 52	0 2	17 36	1 31	12 11	0 23	23 22	0 4	14 31	5 1	23 21	23 14	5 51		n.a.
S 16	22 41	24 55	2 44	21 34	2 3	20 24	1 30	24 39	0 59	22 54	0 2	17 37	1 31	12 12	0 23	23 22	0 4	14 31	5 2	23 21	23 14	5 48		n.a.
S 17	22 33	23 1	3 44	21 47	1 51	20 4	1 30	24 37	0 59	22 55	0 2	17 39	1 31	12 12	0 23	23 22	0 4	14 31	5 2	23 20	23 14	5 46		n.a.
M18	22 24	19 37	4 31	22 0	1 39	19 44	1 29	24 34	0 59	22 57	0 2	17 40	1 31	12 13	0 23	23 22	0 4	14 32	5 2	23 20	23 13	5 43		n.a.
T 19	22 15	15 0	5 1	22 13	1 28	19 23	1 29	24 32	1 0	22 58	0 2	17 41	1 31	12 13	0 23	23 22	0 4	14 32	5 2	23 19	23 13	5 40		n.a.
W20	22 6	9 33	5 12	22 26	1 16	19 2	1 28	24 29	1 0	23 0	0 2	17 42	1 31	12 14	0 23	23 22	0 4	14 32	5 2	23 19	23 13	5 37		n.a.
T 21	21 56	3 36	5 3	22 39	1 5	18 40	1 27	24 26	1 0	23 1	0 2	17 43	1 31	12 14	0 23	23 21	0 4	14 32	5 2	23 19	23 12	5 34		n.a.
F 22	21 46	2n28	4 35	22 52	0 54	18 17	1 27	24 22	1 1	23 3	0 2	17 44	1 31	12 14	0 23	23 21	0 4	14 33	5 2	23 19	23 12	5 31		n.a.
S 23	21 36	8 20	3 51	23 4	0 43	17 54	1 26	24 19	1 1	23 4	0 1	17 45	1 31	12 15	0 23	23 21	0 4	14 33	5 2	23 19	23 12	5 28		n.a.
S 24	21 25	13 43	2 54	23 15	0 32	17 31	1 25	24 15	1 1	23 6	0 1	17 47	1 31	12 15	0 23	23 21	0 4	14 33	5 2	23 19	23 12	5 26		n.a.
M25	21 13	18 19	1 49	23 26	0 22	17 7	1 24	24 10	1 2	23 7	0 1	17 48	1 31	12 16	0 23	23 21	0 4	14 34	5 2	23 19	23 11	5 23		n.a.
T 26	21 2	21 55	0 38	23 37	0 12	16 43	1 23	24 6	1 2	23 8	0 1	17 49	1 31	12 16	0 23	23 20	0 4	14 34	5 2	23 19	23 11	5 20		n.a.
W27	20 49	24 17	0n34	23 46	0 2	16 18	1 22	24 1	1 2	23 10	0 1	17 50	1 31	12 16	0 23	23 20	0 4	14 34	5 2	23 19	23 11	5 17		n.a.
T 28	20 37	25 17	1 43	23 55	0s 7	15 53	1 20	23 56	1 3	23 11	0 1	17 51	1 31	12 17	0 23	23 20	0 4	14 34	5 2	23 19	23 10	5 14		n.a.
F 29	20 24	24 54	2 45	24 3	0 17	15 27	1 19	23 50	1 3	23 12	0 1	17 51	1 32	12 17	0 23	23 20	0 4	14 35	5 2	23 19	23 10	5 11		n.a.
S 30	20 11	23 14	3 38	24 9	0 26	15 1	1 18	23 45	1 3	23 14	0 1	17 52	1 32	12 17	0 23	23 20	0 4	14 35	5 2	23 18	23 10	5 8		n.a.
S 31	19s57	20n27	4n20	24s15	0s34	14s35	1s17	23s39	1s 3	23s15	0n 1	17s53	1n32	12s18	0n23	23s19	0s 4	14s35	5n 2	23n17	23n 9	5n 5		n.a.

Julian Day Number = 1371513.5, Delta T = 06h50m15s
Ecliptic obliquity = 23°48'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°18'06, Lahiri = -17°11'06 Julian Calendar 1 Jan. 958 BCE == Greg. Calendar 23 Dec. 959 BCE

The year -957 astronomical counting style corresponds to year 958 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 958 BCE
geocentric

FEBRUARY 958 BCE (-957) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 5 26	3♒16'42	28♌ 7	7♉ 4	26♒16	18♉38	18♐ 9	25♏19	2♏53	12♉ 3	25♏41	18°R12	16♊52	28♍55	n.a.	M 1
T 2	8 9 22	4°16'32	10♍13	8°20	27°30	19°25	18°21	25°23	2°54	12° 5	25°42	18♊ 4	16°49	29° 1	n.a.	T 2
W 3	8 13 19	5°16'20	22°12	9°37	28°43	20°12	18°33	25°26	2°54	12° 7	25°43	17°56	16°45	29° 8	n.a.	W 3
T 4	8 17 15	6°16'05	4♎ 5	10°56	29°57	21° 0	18°44	25°30	2°55	12° 9	25°44	17°49	16°42	29°15	n.a.	T 4
F 5	8 21 12	7°15'49	15°57	12°16	1♓11	21°47	18°56	25°34	2°56	12°11	25°45	17°44	16°39	29°21	n.a.	F 5
S 6	8 25 8	8°15'31	27°50	13°38	2°25	22°34	19° 7	25°37	2°56	12°13	25°46	17°42	16°36	29°28	n.a.	S 6
S 7	8 29 5	9°15'11	9♏51	15° 2	3°39	23°21	19°19	25°41	2°56	12°15	25°47	17°D41	16°33	29°35	n.a.	S 7
M 8	8 33 1	10°14'49	22° 4	16°27	4°52	24° 8	19°30	25°44	2°57	12°17	25°48	17°41	16°30	29°42	n.a.	M 8
T 9	8 36 58	11°14'26	4♐34	17°54	6° 6	24°55	19°41	25°48	2°57	12°20	25°49	17°43	16°26	29°48	n.a.	T 9
W10	8 40 54	12°14'00	17°26	19°21	7°20	25°42	19°53	25°51	2°58	12°22	25°49	17°R43	16°23	29°55	n.a.	W10
T 11	8 44 51	13°13'33	0♑43	20°51	8°33	26°29	20° 4	25°54	2°58	12°24	25°50	17°42	16°20	0♎ 2	n.a.	T 11
F 12	8 48 48	14°13'04	14°27	22°21	9°47	27°15	20°15	25°57	2°58	12°26	25°51	17°39	16°17	0° 9	n.a.	F 12
S 13	8 52 44	15°12'32	28°38	23°53	11° 0	28° 2	20°25	26° 0	2°58	12°28	25°52	17°34	16°14	0°15	n.a.	S 13
S 14	8 56 41	16°11'59	13♒12	25°27	12°14	28°49	20°36	26° 3	2°58	12°30	25°52	17°26	16°11	0°22	n.a.	S 14
M15	9 0 37	17°11'23	28° 2	27° 1	13°27	29°36	20°47	26° 6	2°R58	12°32	25°53	17°17	16° 7	0°29	n.a.	M15
T 16	9 4 34	18°10'45	13♓ 1	28°37	14°40	0♒23	20°57	26° 8	2°58	12°33	25°54	17° 8	16° 4	0°35	n.a.	T 16
W17	9 8 30	19°10'05	27°57	0♒15	15°54	1°10	21° 8	26°11	2°58	12°35	25°54	16°59	16° 1	0°42	n.a.	W17
T 18	9 12 27	20° 9'22	12♈44	1°53	17° 7	1°57	21°18	26°14	2°58	12°37	25°55	16°52	15°58	0°49	n.a.	T 18
F 19	9 16 23	21° 8'37	27°14	3°33	18°20	2°43	21°29	26°16	2°58	12°39	25°55	16°48	15°55	0°56	n.a.	F 19
S 20	9 20 20	22° 7'50	11♉24	5°15	19°33	3°30	21°39	26°18	2°58	12°41	25°56	16°45	15°51	1° 2	n.a.	S 20
S 21	9 24 17	23° 7'00	25°13	6°57	20°47	4°17	21°49	26°21	2°57	12°43	25°56	16°D45	15°48	1° 9	n.a.	S 21
M22	9 28 13	24° 6'07	8♊42	8°42	22° 0	5° 3	21°59	26°23	2°57	12°45	25°57	16°45	15°45	1°16	n.a.	M22
T 23	9 32 10	25° 5'12	21°53	10°27	23°13	5°50	22° 9	26°25	2°57	12°47	25°57	16°R45	15°42	1°22	n.a.	T 23
W24	9 36 6	26° 4'15	4♋48	12°14	24°26	6°37	22°18	26°27	2°56	12°48	25°58	16°44	15°39	1°29	n.a.	W24
T 25	9 40 3	27° 3'15	17°30	14° 2	25°38	7°23	22°28	26°29	2°56	12°50	25°58	16°40	15°36	1°36	n.a.	T 25
F 26	9 43 59	28° 2'13	0♌ 1	15°52	26°51	8°10	22°37	26°30	2°55	12°52	25°58	16°34	15°32	1°43	n.a.	F 26
S 27	9 47 56	29° 1'09	12°23	17°43	28° 4	8°56	22°47	26°32	2°55	12°54	25°59	16°24	15°29	1°49	n.a.	S 27
S 28	9 51 52	0♓ 0'02	24♌36	19♒35	29♓17	9♒43	22♐56	26♏34	2♏54	12♉55	25♏59	16♊12	15♊26	1♎56	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s43	16n49	4n49	24s20	0s43	14s 8	1s15	23s33	1s 4	23s16	0n 0	17s54	1n32	12s18	0n23	23s19	0s 4	14s35	5n 2	23n17	23n 9	5n 3		n.a.
T 2	19 29	12 32	5 4	24 23	0 51	13 41	1 14	23 26	1 4	23 17	0 0	17 55	1 32	12 18	0 23	23 19	0 4	14 35	5 2	23 16	23 9	5 0		n.a.
W 3	19 15	7 49	5 6	24 25	0 58	13 13	1 12	23 19	1 4	23 18	0 0	17 56	1 32	12 18	0 23	23 19	0 4	14 36	5 2	23 15	23 8	4 57		n.a.
T 4	19 0	2 51	4 55	24 26	1 6	12 45	1 10	23 12	1 4	23 19	0 0	17 57	1 32	12 19	0 23	23 19	0 4	14 36	5 2	23 15	23 8	4 54		n.a.
F 5	18 44	2s12	4 31	24 26	1 12	12 17	1 9	23 5	1 5	23 20	0s 0	17 58	1 32	12 19	0 23	23 19	0 4	14 36	5 2	23 14	23 8	4 51		n.a.
S 6	18 29	7 13	3 55	24 25	1 19	11 49	1 7	22 57	1 5	23 22	0 0	17 58	1 32	12 19	0 23	23 18	0 4	14 36	5 2	23 14	23 7	4 48		n.a.
S 7	18 13	12 0	3 9	24 22	1 25	11 20	1 5	22 50	1 5	23 23	0 0	17 59	1 32	12 19	0 23	23 18	0 4	14 36	5 2	23 14	23 7	4 45		n.a.
M 8	17 57	16 25	2 13	24 17	1 31	10 51	1 3	22 42	1 5	23 24	0 0	18 0	1 32	12 19	0 23	23 18	0 4	14 36	5 2	23 14	23 7	4 42		n.a.
T 9	17 40	20 14	1 10	24 11	1 37	10 22	1 1	22 33	1 6	23 25	0 1	18 1	1 32	12 19	0 23	23 18	0 4	14 37	5 3	23 14	23 6	4 39		n.a.
W10	17 24	23 11	0 2	24 4	1 42	9 52	0 59	22 25	1 6	23 26	0 1	18 1	1 32	12 19	0 23	23 18	0 4	14 37	5 3	23 14	23 6	4 37		n.a.
T 11	17 6	24 58	1s 9	23 55	1 47	9 22	0 57	22 16	1 6	23 27	0 1	18 2	1 33	12 19	0 23	23 17	0 4	14 37	5 3	23 14	23 6	4 34		n.a.
F 12	16 49	25 18	2 18	23 45	1 51	8 52	0 55	22 7	1 6	23 28	0 1	18 3	1 33	12 20	0 23	23 17	0 4	14 37	5 3	23 14	23 5	4 31		n.a.
S 13	16 31	24 1	3 21	23 33	1 55	8 22	0 53	21 58	1 6	23 28	0 1	18 3	1 33	12 20	0 23	23 17	0 4	14 37	5 3	23 13	23 5	4 28		n.a.
S 14	16 14	21 8	4 12	23 19	1 58	7 51	0 51	21 48	1 7	23 29	0 1	18 4	1 33	12 20	0 23	23 17	0 4	14 37	5 3	23 12	23 5	4 25		n.a.
M15	15 55	16 49	4 47	23 4	2 1	7 21	0 48	21 38	1 7	23 30	0 1	18 4	1 33	12 20	0 23	23 17	0 4	14 37	5 3	23 12	23 4	4 22		n.a.
T 16	15 37	11 25	5 3	22 47	2 4	6 50	0 46	21 28	1 7	23 31	0 1	18 5	1 33	12 20	0 23	23 17	0 4	14 37	5 3	23 11	23 4	4 19		n.a.
W17	15 18	5 22	4 58	22 28	2 6	6 19	0 44	21 18	1 7	23 32	0 1	18 6	1 33	12 20	0 23	23 16	0 4	14 37	5 3	23 10	23 4	4 16		n.a.
T 18	14 59	0n55	4 34	22 7	2 8	5 48	0 41	21 8	1 7	23 33	0 2	18 6	1 33	12 19	0 23	23 16	0 4	14 38	5 3	23 9	23 3	4 13		n.a.
F 19	14 40	7 3	3 52	21 45	2 9	5 17	0 39	20 57	1 7	23 34	0 2	18 7	1 33	12 19	0 23	23 16	0 4	14 38	5 3	23 9	23 3	4 10		n.a.
S 20	14 21	12 42	2 56	21 21	2 10	4 45	0 36	20 46	1 8	23 34	0 2	18 7	1 33	12 19	0 23	23 16	0 4	14 38	5 3	23 8	23 3	4 7		n.a.
S 21	14 1	17 33	1 52	20 56	2 11	4 14	0 34	20 35	1 8	23 35	0 2	18 7	1 33	12 19	0 23	23 16	0 4	14 38	5 3	23 8	23 2	4 5		n.a.
M22	13 42	21 23	0 43	20 28	2 11	3 42	0 31	20 24	1 8	23 36	0 2	18 8	1 33	12 19	0 23	23 16	0 4	14 38	5 3	23 8	23 2	4 2		n.a.
T 23	13 22	24 1	0n27	19 59	2 10	3 10	0 29	20 12	1 8	23 37	0 2	18 8	1 34	12 19	0 23	23 15	0 4	14 38	5 3	23 8	23 2	3 59		n.a.
W24	13 1	25 18	1 34	19 27	2 9	2 38	0 26	20 0	1 8	23 37	0 2	18 9	1 34	12 19	0 23	23 15	0 4	14 38	5 3	23 8	23 1	3 56		n.a.
T 25	12 41	25 13	2 35	18 54	2 7	2 7	0 23	19 48	1 8	23 38	0 2	18 9	1 34	12 19	0 23	23 15	0 4	14 38	5 3	23 8	23 1	3 53		n.a.
F 26	12 20	23 51	3 28	18 19	2 5	1 35	0 20	19 36	1 8	23 39	0 3	18 9	1 34	12 18	0 24	23 15	0 4	14 38	5 4	23 7	23 1	3 50		n.a.
S 27	12 0	21 20	4 10	17 42	2 3	1 3	0 18	19 24	1 8	23 39	0 3	18 10	1 34	12 18	0 24	23 15	0 4	14 38	5 4	23 6	23 0	3 47		n.a.
S 28	11s39	17n54	4n40	17s 4	2s 0	0s31	0s15	19s11	1s 8	23s40	0s 3	18s10	1n34	12s18	0n24	23s15	0s 4	14s38	5n 4	23n 5	23n 0	3n44		n.a.

Julian Day Number = 1371544.5, Delta T = 06h50m14s
Ecliptic obliquity = 23°48'37, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°18'02, Lahiri = -17°11'02 Julian Calendar 1 Feb. 958 BCE == Greg. Calendar 23 Jan. 958 BCE

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ASTRODIENST EPHEMERIS for the year 958 BCE
geocentric

MARCH 958 BCE (-957) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 55 49	0♓58'53	6♍43	21♒29	0♈29	10♒29	23♐ 5	26♏35	2°R53	12♑57	25♏59	15°R59	15♊23	2♎ 3	n.a.	M 1
T 2	9 59 45	1°57'42	18°43	23°24	1°42	11°16	23°14	26°37	2♏53	12°59	25°59	15♊46	15°20	2° 9	n.a.	T 2
W 3	10 3 42	2°56'29	0♎38	25°21	2°54	12° 2	23°23	26°38	2°52	13° 0	26° 0	15°33	15°16	2°16	n.a.	W 3
T 4	10 7 39	3°55'14	12°30	27°19	4° 7	12°48	23°32	26°39	2°51	13° 2	26° 0	15°22	15°13	2°23	n.a.	T 4
F 5	10 11 35	4°53'56	24°21	29°19	5°19	13°35	23°40	26°40	2°50	13° 3	26° 0	15°13	15°10	2°30	n.a.	F 5
S 6	10 15 32	5°52'37	6♏14	1♓19	6°32	14°21	23°49	26°41	2°49	13° 5	26° 0	15° 7	15° 7	2°36	n.a.	S 6
S 7	10 19 28	6°51'17	18°13	3°21	7°44	15° 7	23°57	26°42	2°48	13° 7	26° 0	15° 4	15° 4	2°43	n.a.	S 7
M 8	10 23 25	7°49'54	0♐24	5°25	8°56	15°53	24° 5	26°43	2°47	13° 8	26°R 0	15° 3	15° 1	2°50	n.a.	M 8
T 9	10 27 21	8°48'30	12°50	7°29	10° 8	16°40	24°14	26°44	2°46	13°10	26° 0	15° 3	14°57	2°56	n.a.	T 9
W10	10 31 18	9°47'04	25°38	9°34	11°21	17°26	24°22	26°44	2°45	13°11	26° 0	15° 3	14°54	3° 3	n.a.	W10
T 11	10 35 14	10°45'36	8♑51	11°40	12°33	18°12	24°29	26°45	2°44	13°12	26° 0	15° 1	14°51	3°10	n.a.	T 11
F 12	10 39 11	11°44'06	22°33	13°47	13°45	18°58	24°37	26°45	2°43	13°14	26° 0	14°57	14°48	3°17	n.a.	F 12
S 13	10 43 8	12°42'35	6♒44	15°54	14°56	19°44	24°45	26°46	2°41	13°15	26° 0	14°51	14°45	3°23	n.a.	S 13
S 14	10 47 4	13°41'02	21°24	18° 1	16° 8	20°30	24°52	26°46	2°40	13°17	25°59	14°42	14°42	3°30	n.a.	S 14
M15	10 51 1	14°39'26	6♓24	20° 8	17°20	21°16	24°59	26°46	2°39	13°18	25°59	14°32	14°38	3°37	n.a.	M15
T 16	10 54 57	15°37'49	21°38	22°15	18°32	22° 2	25° 6	26°R46	2°37	13°19	25°59	14°21	14°35	3°44	n.a.	T 16
W17	10 58 54	16°36'10	6♈53	24°21	19°43	22°48	25°13	26°46	2°36	13°20	25°59	14°10	14°32	3°50	n.a.	W17
T 18	11 2 50	17°34'29	21°59	26°26	20°55	23°34	25°20	26°46	2°35	13°22	25°58	14° 1	14°29	3°57	n.a.	T 18
F 19	11 6 47	18°32'45	6♉46	28°30	22° 7	24°19	25°27	26°46	2°33	13°23	25°58	13°55	14°26	4° 4	n.a.	F 19
S 20	11 10 43	19°31'00	21°10	0♈32	23°18	25° 5	25°33	26°45	2°31	13°24	25°58	13°52	14°22	4°10	n.a.	S 20
S 21	11 14 40	20°29'12	5♊ 7	2°33	24°29	25°51	25°40	26°45	2°30	13°25	25°57	13°51	14°19	4°17	n.a.	S 21
M22	11 18 36	21°27'22	18°38	4°31	25°41	26°36	25°46	26°44	2°28	13°26	25°57	13°50	14°16	4°24	n.a.	M22
T 23	11 22 33	22°25'31	1♋47	6°27	26°52	27°22	25°52	26°44	2°27	13°28	25°56	13°50	14°13	4°31	n.a.	T 23
W24	11 26 30	23°23'37	14°35	8°20	28° 3	28° 8	25°58	26°43	2°25	13°29	25°56	13°49	14°10	4°37	n.a.	W24
T 25	11 30 26	24°21'41	27° 7	10°10	29°14	28°53	26° 4	26°42	2°23	13°30	25°56	13°45	14° 7	4°44	n.a.	T 25
F 26	11 34 23	25°19'42	9♌27	11°57	0♉25	29°39	26° 9	26°41	2°21	13°31	25°55	13°39	14° 3	4°51	n.a.	F 26
S 27	11 38 19	26°17'42	21°37	13°40	1°36	0♓24	26°15	26°40	2°20	13°32	25°54	13°30	14° 0	4°57	n.a.	S 27
S 28	11 42 16	27°15'40	3♍41	15°20	2°47	1° 9	26°20	26°39	2°18	13°33	25°54	13°18	13°57	5° 4	n.a.	S 28
M29	11 46 12	28°13'36	15°39	16°56	3°57	1°55	26°25	26°38	2°16	13°33	25°53	13° 5	13°54	5°11	n.a.	M29
T 30	11 50 9	29°11'30	27°33	18°29	5° 8	2°40	26°30	26°37	2°14	13°34	25°53	12°52	13°51	5°18	n.a.	T 30
W31	11 54 5	0♈ 9'23	9♎25	19♈58	6♉18	3♓25	26♐35	26♏35	2♏12	13♑35	25♏52	12♊39	13♊48	5♎24	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	11s18	13n45	4n56	16s23	1s56	0n 1	0s12	18s59	1s 9	23s41	0s 3	18s10	1n34	12s18	0n24	23s15	0s 4	14s38	5n 4	23n 4		23n 0		3n41			n.a.
T 2	10 56	9 7	5 0	15 41	1 52	0 33	0 9	18 46	1 9	23 41	0 3	18 10	1 34	12 17	0 24	23 14	0 4	14 38	5 4	23 2		22 59		3 38			n.a.
W 3	10 35	4 10	4 50	14 57	1 47	1 5	0 6	18 33	1 9	23 42	0 3	18 11	1 34	12 17	0 24	23 14	0 4	14 38	5 4	23 1		22 59		3 35			n.a.
T 4	10 13	0s55	4 28	14 11	1 42	1 37	0 3	18 20	1 9	23 42	0 3	18 11	1 34	12 17	0 24	23 14	0 4	14 38	5 4	23 0		22 59		3 32			n.a.
F 5	9 52	5 57	3 54	13 23	1 36	2 9	0 0	18 6	1 9	23 43	0 4	18 11	1 34	12 17	0 24	23 14	0 4	14 38	5 4	22 59		22 58		3 29			n.a.
S 6	9 30	10 49	3 10	12 34	1 29	2 41	0n 3	17 53	1 9	23 43	0 4	18 11	1 35	12 16	0 24	23 14	0 4	14 38	5 4	22 58		22 58		3 26			n.a.
S 7	9 8	15 20	2 17	11 42	1 22	3 12	0 6	17 39	1 9	23 44	0 4	18 11	1 35	12 16	0 24	23 14	0 4	14 38	5 4	22 58		22 58		3 23			n.a.
M 8	8 46	19 18	1 17	10 50	1 15	3 44	0 9	17 25	1 9	23 45	0 4	18 11	1 35	12 16	0 24	23 14	0 4	14 38	5 4	22 57		22 57		3 20			n.a.
T 9	8 23	22 30	0 12	9 56	1 7	4 16	0 12	17 11	1 9	23 45	0 4	18 11	1 35	12 15	0 24	23 13	0 5	14 38	5 4	22 57		22 57		3 18			n.a.
W10	8 1	24 40	0s56	9 0	0 58	4 47	0 15	16 56	1 9	23 46	0 4	18 12	1 35	12 15	0 24	23 13	0 5	14 38	5 4	22 57		22 56		3 15			n.a.
T 11	7 39	25 33	2 2	8 3	0 49	5 18	0 18	16 42	1 9	23 46	0 4	18 12	1 35	12 14	0 24	23 13	0 5	14 37	5 4	22 57		22 56		3 12			n.a.
F 12	7 16	24 55	3 4	7 5	0 40	5 50	0 21	16 28	1 9	23 46	0 5	18 12	1 35	12 14	0 24	23 13	0 5	14 37	5 4	22 57		22 56		3 9			n.a.
S 13	6 53	22 41	3 57	6 7	0 30	6 21	0 24	16 13	1 9	23 47	0 5	18 12	1 35	12 13	0 24	23 13	0 5	14 37	5 4	22 56		22 55		3 6			n.a.
S 14	6 31	18 56	4 36	5 7	0 20	6 52	0 28	15 58	1 9	23 47	0 5	18 12	1 35	12 13	0 24	23 13	0 5	14 37	5 4	22 55		22 55		3 3			n.a.
M15	6 8	13 53	4 57	4 7	0 9	7 23	0 31	15 43	1 9	23 48	0 5	18 11	1 35	12 13	0 24	23 13	0 5	14 37	5 5	22 54		22 55		3 0			n.a.
T 16	5 45	7 55	4 58	3 6	0n 1	7 53	0 34	15 28	1 9	23 48	0 5	18 11	1 35	12 12	0 24	23 13	0 5	14 37	5 5	22 53		22 54		2 57			n.a.
W17	5 22	1 27	4 37	2 5	0 12	8 24	0 37	15 13	1 9	23 49	0 5	18 11	1 36	12 12	0 24	23 12	0 5	14 37	5 5	22 51		22 54		2 54			n.a.
T 18	4 59	5n 2	3 57	1 5	0 23	8 54	0 40	14 57	1 9	23 49	0 5	18 11	1 36	12 11	0 24	23 12	0 5	14 37	5 5	22 50		22 54		2 51			n.a.
F 19	4 36	11 7	3 2	0 5	0 35	9 24	0 43	14 42	1 9	23 49	0 6	18 11	1 36	12 11	0 24	23 12	0 5	14 37	5 5	22 50		22 53		2 48			n.a.
S 20	4 13	16 27	1 57	0n55	0 46	9 54	0 46	14 26	1 9	23 50	0 6	18 11	1 36	12 10	0 24	23 12	0 5	14 37	5 5	22 49		22 53		2 45			n.a.
S 21	3 50	20 44	0 46	1 53	0 57	10 24	0 50	14 10	1 9	23 50	0 6	18 11	1 36	12 9	0 24	23 12	0 5	14 36	5 5	22 49		22 52		2 42			n.a.
M22	3 26	23 44	0n25	2 51	1 8	10 53	0 53	13 55	1 9	23 50	0 6	18 10	1 36	12 9	0 24	23 12	0 5	14 36	5 5	22 49		22 52		2 39			n.a.
T 23	3 3	25 21	1 33	3 47	1 18	11 23	0 56	13 39	1 8	23 51	0 6	18 10	1 36	12 8	0 24	23 12	0 5	14 36	5 5	22 49		22 52		2 36			n.a.
W24	2 40	25 34	2 35	4 42	1 28	11 51	0 59	13 22	1 8	23 51	0 6	18 10	1 36	12 8	0 24	23 12	0 5	14 36	5 5	22 49		22 51		2 33			n.a.
T 25	2 16	24 27	3 27	5 35	1 38	12 20	1 2	13 6	1 8	23 51	0 6	18 10	1 36	12 7	0 24	23 12	0 5	14 36	5 5	22 48		22 51		2 30			n.a.
F 26	1 53	22 10	4 9	6 26	1 47	12 48	1 5	12 50	1 8	23 52	0 7	18 9	1 36	12 6	0 24	23 11	0 5	14 36	5 5	22 47		22 50		2 27			n.a.
S 27	1 30	18 54	4 39	7 15	1 56	13 16	1 8	12 34	1 8	23 52	0 7	18 9	1 36	12 6	0 24	23 11	0 5	14 35	5 5	22 46		22 50		2 24			n.a.
S 28	1 6	14 54	4 56	8 2	2 4	13 44	1 11	12 17	1 8	23 52	0 7	18 9	1 36	12 5	0 24	23 11	0 5	14 35	5 5	22 45		22 50		2 21			n.a.
M29	0 43	10 20	5 0	8 47	2 12	14 12	1 14	12 1	1 8	23 53	0 7	18 8	1 36	12 4	0 24	23 11	0 5	14 35	5 5	22 43		22 49		2 18			n.a.
T 30	0 20	5 25	4 51	9 29	2 19	14 39	1 17	11 44	1 8	23 53	0 7	18 8	1 37	12 4	0 24	23 11	0 5	14 35	5 5	22 42		22 49		2 15			n.a.
W31	0n 4	0n19	4n29	10n 9	2n25	15n 5	1n20	11s27	1s 8	23s53	0s 7	18s 8	1n37	12s 3	0n24	23s11	0s 5	14s35	5n 5	22n40		22n49		2n12			n.a.

Julian Day Number = 1371572.5, Delta T = 06h50m12s
Ecliptic obliquity = 23°48'37, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°17'58, Lahiri = -17°10'58 Julian Calendar 1 March 958 BCE == Greg. Calendar 20 Feb. 958 BCE

The year -957 astronomical counting style corresponds to year 958 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 958 BCE
geocentric

APRIL 958 BCE (-957) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 58 2	1♈ 7'14	21♎17	21♈23	7♉29	4♓10	26♐39	26°R34	2°R10	13♑36	25°R51	12°R28	13♊44	5♎31	n.a.	T 1
F 2	12 1 58	2° 5'03	3♏10	22°43	8°39	4°55	26°44	26♏32	2♏ 8	13°37	25♏50	12♊20	13°41	5°38	n.a.	F 2
S 3	12 5 55	3° 2'51	15° 6	24° 0	9°49	5°41	26°48	26°31	2° 6	13°38	25°50	12°14	13°38	5°44	n.a.	S 3
S 4	12 9 52	4° 0'37	27° 8	25°12	10°59	6°26	26°52	26°29	2° 4	13°38	25°49	12°11	13°35	5°51	n.a.	S 4
M 5	12 13 48	4°58'23	9♐20	26°21	12°10	7°11	26°56	26°27	2° 2	13°39	25°48	12°D10	13°32	5°58	n.a.	M 5
T 6	12 17 45	5°56'07	21°47	27°25	13°19	7°56	27° 0	26°25	2° 0	13°40	25°47	12°10	13°28	6° 5	n.a.	T 6
W 7	12 21 41	6°53'49	4♑33	28°24	14°29	8°40	27° 3	26°23	1°58	13°40	25°46	12°R10	13°25	6°11	n.a.	W 7
T 8	12 25 38	7°51'31	17°42	29°20	15°39	9°25	27° 7	26°21	1°55	13°41	25°46	12°10	13°22	6°18	n.a.	T 8
F 9	12 29 34	8°49'11	1♒17	0♉11	16°49	10°10	27°10	26°19	1°53	13°41	25°45	12° 8	13°19	6°25	n.a.	F 9
S 10	12 33 31	9°46'50	15°21	0°57	17°58	10°55	27°13	26°17	1°51	13°42	25°44	12° 4	13°16	6°31	n.a.	S 10
S 11	12 37 27	10°44'28	29°53	1°39	19° 8	11°39	27°16	26°14	1°49	13°43	25°43	11°57	13°13	6°38	n.a.	S 11
M12	12 41 24	11°42'05	14♓48	2°16	20°17	12°24	27°18	26°12	1°47	13°43	25°42	11°49	13° 9	6°45	n.a.	M12
T 13	12 45 21	12°39'40	0♈ 0	2°48	21°26	13° 9	27°21	26° 9	1°44	13°43	25°41	11°40	13° 6	6°51	n.a.	T 13
W14	12 49 17	13°37'14	15°18	3°16	22°36	13°53	27°23	26° 7	1°42	13°44	25°40	11°32	13° 3	6°58	n.a.	W14
T 15	12 53 14	14°34'47	0♉30	3°38	23°45	14°38	27°25	26° 4	1°40	13°44	25°39	11°25	13° 0	7° 5	n.a.	T 15
F 16	12 57 10	15°32'19	15°27	3°56	24°54	15°22	27°27	26° 1	1°37	13°45	25°38	11°20	12°57	7°12	n.a.	F 16
S 17	13 1 7	16°29'49	0♊ 2	4°10	26° 2	16° 6	27°29	25°59	1°35	13°45	25°37	11°18	12°53	7°18	n.a.	S 17
S 18	13 5 3	17°27'18	14° 9	4°18	27°11	16°51	27°30	25°56	1°33	13°45	25°36	11°D17	12°50	7°25	n.a.	S 18
M19	13 9 0	18°24'45	27°49	4°R22	28°20	17°35	27°32	25°53	1°30	13°45	25°34	11°18	12°47	7°32	n.a.	M19
T 20	13 12 56	19°22'11	11♋ 2	4°21	29°28	18°19	27°33	25°50	1°28	13°46	25°33	11°19	12°44	7°38	n.a.	T 20
W21	13 16 53	20°19'35	23°52	4°15	0♊36	19° 3	27°34	25°47	1°25	13°46	25°32	11°R19	12°41	7°45	n.a.	W21
T 22	13 20 50	21°16'58	6♌23	4° 5	1°45	19°47	27°35	25°43	1°23	13°46	25°31	11°18	12°38	7°52	n.a.	T 22
F 23	13 24 46	22°14'20	18°39	3°51	2°53	20°31	27°35	25°40	1°21	13°46	25°30	11°15	12°34	7°59	n.a.	F 23
S 24	13 28 43	23°11'40	0♍44	3°33	4° 1	21°15	27°36	25°37	1°18	13°46	25°29	11° 9	12°31	8° 5	n.a.	S 24
S 25	13 32 39	24° 8'59	12°41	3°12	5° 8	21°59	27°36	25°34	1°16	13°46	25°27	11° 2	12°28	8°12	n.a.	S 25
M26	13 36 36	25° 6'17	24°35	2°47	6°16	22°43	27°R36	25°30	1°13	13°R46	25°26	10°54	12°25	8°19	n.a.	M26
T 27	13 40 32	26° 3'34	6♎27	2°20	7°24	23°27	27°36	25°27	1°11	13°46	25°25	10°46	12°22	8°25	n.a.	T 27
W28	13 44 29	27° 0'50	18°19	1°50	8°31	24°10	27°35	25°23	1° 8	13°46	25°23	10°38	12°19	8°32	n.a.	W28
T 29	13 48 25	27°58'04	0♏13	1°18	9°38	24°54	27°35	25°19	1° 6	13°46	25°22	10°31	12°15	8°39	n.a.	T 29
F 30	13 52 22	28♈55'19	12♏11	0♉46	10♊45	25♓38	27♐34	25♏16	1♏ 3	13♑46	25♏21	10♊26	12♊12	8♎46	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n27	4s48	3n55	10n47	2n30	15n32	1n23	11s10	1s 7	23s54	0s 8	18s 7	1n37	12s 2	0n24	23s11	0s 5	14s35	5n 5	22n39	22n48	2n 9		n.a.
F 2	0 50	9 46	3 11	11 22	2 35	15 58	1 26	10 53	1 7	23 54	0 8	18 7	1 37	12 2	0 24	23 11	0 5	14 34	5 5	22 37	22 48	2 6		n.a.
S 3	1 14	14 25	2 19	11 54	2 39	16 23	1 29	10 37	1 7	23 54	0 8	18 6	1 37	12 1	0 24	23 11	0 5	14 34	5 5	22 37	22 47	2 3		n.a.
S 4	1 37	18 32	1 19	12 24	2 42	16 48	1 32	10 19	1 7	23 54	0 8	18 6	1 37	12 0	0 24	23 11	0 5	14 34	5 5	22 36	22 47	2 0		n.a.
M 5	2 0	21 57	0 15	12 52	2 44	17 13	1 34	10 2	1 7	23 55	0 8	18 5	1 37	12 0	0 24	23 11	0 5	14 34	5 5	22 36	22 47	1 57		n.a.
T 6	2 24	24 24	0s51	13 16	2 45	17 37	1 37	9 45	1 7	23 55	0 8	18 5	1 37	11 59	0 24	23 11	0 5	14 33	5 5	22 36	22 46	1 54		n.a.
W 7	2 47	25 40	1 56	13 38	2 45	18 1	1 40	9 28	1 6	23 55	0 8	18 4	1 37	11 58	0 24	23 11	0 5	14 33	5 5	22 36	22 46	1 51		n.a.
T 8	3 10	25 33	2 57	13 58	2 45	18 25	1 43	9 11	1 6	23 55	0 9	18 4	1 37	11 57	0 24	23 11	0 5	14 33	5 6	22 36	22 45	1 48		n.a.
F 9	3 33	23 56	3 51	14 15	2 43	18 48	1 45	8 53	1 6	23 56	0 9	18 3	1 37	11 57	0 24	23 11	0 5	14 33	5 6	22 36	22 45	1 45		n.a.
S 10	3 56	20 48	4 32	14 29	2 40	19 10	1 48	8 36	1 6	23 56	0 9	18 3	1 37	11 56	0 24	23 11	0 5	14 33	5 6	22 35	22 45	1 42		n.a.
S 11	4 19	16 19	4 58	14 40	2 37	19 33	1 50	8 18	1 6	23 56	0 9	18 2	1 37	11 55	0 24	23 11	0 5	14 32	5 6	22 34	22 44	1 39		n.a.
M12	4 42	10 44	5 4	14 49	2 32	19 54	1 53	8 1	1 5	23 56	0 9	18 1	1 37	11 54	0 24	23 10	0 5	14 32	5 6	22 33	22 44	1 36		n.a.
T 13	5 5	4 24	4 49	14 55	2 26	20 15	1 55	7 43	1 5	23 57	0 10	18 1	1 37	11 53	0 24	23 10	0 5	14 32	5 6	22 32	22 43	1 33		n.a.
W14	5 27	2n13	4 13	14 58	2 20	20 36	1 58	7 26	1 5	23 57	0 10	18 0	1 37	11 53	0 24	23 10	0 5	14 32	5 6	22 31	22 43	1 30		n.a.
T 15	5 50	8 42	3 20	14 59	2 12	20 56	2 0	7 8	1 5	23 57	0 10	17 59	1 38	11 52	0 24	23 10	0 5	14 31	5 6	22 30	22 43	1 27		n.a.
F 16	6 13	14 35	2 14	14 57	2 3	21 15	2 2	6 50	1 4	23 57	0 10	17 59	1 38	11 51	0 24	23 10	0 5	14 31	5 6	22 29	22 42	1 24		n.a.
S 17	6 35	19 30	1 0	14 52	1 53	21 34	2 4	6 33	1 4	23 57	0 10	17 58	1 38	11 50	0 24	23 10	0 5	14 31	5 6	22 29	22 42	1 21		n.a.
S 18	6 57	23 6	0n15	14 45	1 42	21 53	2 6	6 15	1 4	23 58	0 10	17 57	1 38	11 49	0 24	23 10	0 5	14 31	5 6	22 29	22 41	1 18		n.a.
M19	7 20	25 15	1 28	14 35	1 31	22 11	2 8	5 57	1 4	23 58	0 11	17 57	1 38	11 49	0 24	23 10	0 5	14 30	5 6	22 29	22 41	1 15		n.a.
T 20	7 42	25 53	2 33	14 23	1 18	22 28	2 10	5 39	1 3	23 58	0 11	17 56	1 38	11 48	0 24	23 10	0 5	14 30	5 6	22 29	22 41	1 12		n.a.
W21	8 4	25 5	3 28	14 9	1 4	22 45	2 12	5 22	1 3	23 58	0 11	17 55	1 38	11 47	0 24	23 10	0 5	14 30	5 6	22 29	22 40	1 9		n.a.
T 22	8 26	23 2	4 12	13 52	0 50	23 1	2 14	5 4	1 3	23 58	0 11	17 54	1 38	11 46	0 24	23 10	0 5	14 29	5 6	22 29	22 40	1 6		n.a.
F 23	8 47	19 57	4 44	13 33	0 35	23 17	2 16	4 46	1 2	23 59	0 11	17 54	1 38	11 45	0 24	23 10	0 5	14 29	5 6	22 28	22 39	1 3		n.a.
S 24	9 9	16 5	5 2	13 12	0 19	23 32	2 18	4 28	1 2	23 59	0 11	17 53	1 38	11 44	0 24	23 10	0 5	14 29	5 6	22 28	22 39	1 0		n.a.
S 25	9 30	11 37	5 7	12 49	0 3	23 46	2 19	4 10	1 2	23 59	0 12	17 52	1 38	11 43	0 24	23 10	0 5	14 29	5 6	22 27	22 38	0 57		n.a.
M26	9 52	6 44	4 59	12 25	0s14	24 0	2 21	3 52	1 2	23 59	0 12	17 51	1 38	11 43	0 24	23 10	0 5	14 28	5 6	22 26	22 38	0 54		n.a.
T 27	10 13	1 38	4 37	11 59	0 31	24 13	2 22	3 35	1 1	23 59	0 12	17 50	1 38	11 42	0 24	23 10	0 5	14 28	5 6	22 24	22 38	0 51		n.a.
W28	10 34	3s32	4 4	11 33	0 48	24 25	2 23	3 17	1 1	23 59	0 12	17 49	1 38	11 41	0 24	23 10	0 5	14 28	5 6	22 23	22 37	0 48		n.a.
T 29	10 55	8 36	3 20	11 6	1 5	24 37	2 25	2 59	1 1	24 0	0 12	17 48	1 38	11 40	0 24	23 10	0 5	14 28	5 5	22 22	22 37	0 45		n.a.
F 30	11n16	13s24	2n27	10n39	1s22	24n48	2n26	2s41	1s 0	24s 0	0s13	17s48	1n38	11s39	0n24	23s10	0s 5	14s27	5n 5	22n21	22n36	0n42		n.a.

Julian Day Number = 1371603.5, Delta T = 06h50m11s
Ecliptic obliquity = 23°48'38, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°17'54, Lahiri = -17°10'54 Julian Calendar 1 Apr. 958 BCE == Greg. Calendar 23 March 958 BCE

The year -957 astronomical counting style corresponds to year 958 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 958 BCE
geocentric

MAY 958 BCE (-957) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 56 19	29♈52'32	24♏14	0°R12	11♊52	26♓21	27°R33	25°R12	1°R 1	13°R46	25°R20	10°R23	12♊ 9	8♎52	n.a.	S 1
S 2	14 0 15	0♉49'44	6♐25	29♈38	12°59	27° 5	27♐32	25♏ 8	0♏58	13♑46	25♏18	10°D21	12° 6	8°59	n.a.	S 2
M 3	14 4 12	1°46'57	18°47	29° 5	14° 5	27°48	27°31	25° 5	0°56	13°45	25°17	10♊22	12° 3	9° 6	n.a.	M 3
T 4	14 8 8	2°44'08	1♑21	28°33	15°12	28°31	27°29	25° 1	0°54	13°45	25°15	10°23	11°59	9°12	n.a.	T 4
W 5	14 12 5	3°41'19	14°12	28° 2	16°18	29°15	27°28	24°57	0°51	13°45	25°14	10°24	11°56	9°19	n.a.	W 5
T 6	14 16 1	4°38'30	27°21	27°34	17°24	29°58	27°26	24°53	0°49	13°45	25°13	10°25	11°53	9°26	n.a.	T 6
F 7	14 19 58	5°35'40	10♒54	27° 8	18°30	0♈41	27°24	24°49	0°46	13°44	25°11	10°R26	11°50	9°33	n.a.	F 7
S 8	14 23 55	6°32'50	24°49	26°45	19°36	1°24	27°22	24°45	0°44	13°44	25°10	10°24	11°47	9°39	n.a.	S 8
S 9	14 27 51	7°30'00	9♓ 9	26°26	20°41	2° 7	27°19	24°41	0°41	13°44	25° 8	10°22	11°44	9°46	n.a.	S 9
M10	14 31 48	8°27'09	23°49	26°10	21°46	2°50	27°17	24°37	0°39	13°43	25° 7	10°18	11°40	9°53	n.a.	M10
T 11	14 35 44	9°24'19	8♈45	25°58	22°52	3°33	27°14	24°33	0°36	13°43	25° 6	10°14	11°37	9°59	n.a.	T 11
W12	14 39 41	10°21'27	23°49	25°51	23°57	4°16	27°11	24°28	0°34	13°42	25° 4	10°10	11°34	10° 6	n.a.	W12
T 13	14 43 37	11°18'36	8♉52	25°D47	25° 1	4°59	27° 8	24°24	0°31	13°42	25° 3	10° 6	11°31	10°13	n.a.	T 13
F 14	14 47 34	12°15'44	23°45	25°49	26° 6	5°42	27° 4	24°20	0°29	13°41	25° 1	10° 4	11°28	10°19	n.a.	F 14
S 15	14 51 30	13°12'52	8♊19	25°55	27°10	6°25	27° 1	24°16	0°27	13°41	25° 0	10°D 3	11°25	10°26	n.a.	S 15
S 16	14 55 27	14° 9'59	22°31	26° 5	28°14	7° 7	26°57	24°11	0°24	13°40	24°58	10° 4	11°21	10°33	n.a.	S 16
M17	14 59 24	15° 7'06	6♋16	26°20	29°18	7°50	26°53	24° 7	0°22	13°39	24°57	10° 5	11°18	10°40	n.a.	M17
T 18	15 3 20	16° 4'13	19°35	26°40	0♋22	8°32	26°49	24° 3	0°20	13°39	24°55	10° 6	11°15	10°46	n.a.	T 18
W19	15 7 17	17° 1'19	2♌30	27° 5	1°25	9°15	26°45	23°58	0°17	13°38	24°54	10° 8	11°12	10°53	n.a.	W19
T 20	15 11 13	17°58'24	15° 4	27°34	2°28	9°57	26°41	23°54	0°15	13°37	24°52	10°R 8	11° 9	11° 0	n.a.	T 20
F 21	15 15 10	18°55'29	27°21	28° 7	3°31	10°39	26°36	23°50	0°13	13°36	24°51	10° 8	11° 5	11° 6	n.a.	F 21
S 22	15 19 6	19°52'33	9♍26	28°46	4°34	11°22	26°32	23°45	0°10	13°36	24°49	10° 7	11° 2	11°13	n.a.	S 22
S 23	15 23 3	20°49'37	21°22	29°28	5°36	12° 4	26°27	23°41	0° 8	13°35	24°48	10° 5	10°59	11°20	n.a.	S 23
M24	15 26 59	21°46'41	3♎14	0♉16	6°38	12°46	26°22	23°37	0° 6	13°34	24°46	10° 2	10°56	11°27	n.a.	M24
T 25	15 30 56	22°43'45	15° 6	1° 7	7°40	13°28	26°17	23°32	0° 4	13°33	24°44	10° 0	10°53	11°33	n.a.	T 25
W26	15 34 53	23°40'48	27° 0	2° 3	8°42	14°10	26°11	23°28	0° 1	13°32	24°43	9°57	10°50	11°40	n.a.	W26
T 27	15 38 49	24°37'52	8♏59	3° 3	9°43	14°52	26° 6	23°23	29♎59	13°31	24°41	9°55	10°46	11°47	n.a.	T 27
F 28	15 42 46	25°34'55	21° 5	4° 7	10°44	15°34	26° 0	23°19	29°57	13°30	24°40	9°54	10°43	11°53	n.a.	F 28
S 29	15 46 42	26°31'59	3♐20	5°16	11°44	16°15	25°55	23°15	29°55	13°29	24°38	9°53	10°40	12° 0	n.a.	S 29
S 30	15 50 39	27°29'02	15°46	6°28	12°44	16°57	25°49	23°10	29°53	13°29	24°37	9°D53	10°37	12° 7	n.a.	S 30
M31	15 54 35	28♉26'06	28♐23	7♉44	13♋44	17♈39	25♐43	23♏ 6	29♎51	13♑27	24♏35	9♊53	10♊34	12♎13	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n36	17s44	1n26	10n11	1s38	24n59	2n27	2s23	1s 0	24s 0	0s13	17s47	1n38	11s38	0n24	23s10	0s 5	14s27	5n 5	22n21	22n36	0n39		n.a.
S 2	11 56	21 22	0 21	9 44	1 54	25 9	2 28	2 5	1 0	24 0	0 13	17 46	1 38	11 37	0 24	23 11	0 5	14 27	5 5	22 21	22 36	0 36		n.a.
M 3	12 17	24 5	0s46	9 18	2 10	25 18	2 29	1 47	0 59	24 0	0 13	17 45	1 38	11 37	0 24	23 11	0 5	14 26	5 5	22 21	22 35	0 33		n.a.
T 4	12 37	25 40	1 52	8 53	2 24	25 27	2 29	1 30	0 59	24 0	0 13	17 44	1 38	11 36	0 24	23 11	0 5	14 26	5 5	22 21	22 35	0 30		n.a.
W 5	12 56	25 55	2 54	8 29	2 38	25 35	2 30	1 12	0 58	24 1	0 13	17 43	1 38	11 35	0 24	23 11	0 5	14 26	5 5	22 21	22 34	0 27		n.a.
T 6	13 16	24 44	3 48	8 7	2 51	25 42	2 30	0 54	0 58	24 1	0 14	17 42	1 38	11 34	0 24	23 11	0 5	14 26	5 5	22 21	22 34	0 24		n.a.
F 7	13 35	22 7	4 32	7 46	3 3	25 49	2 31	0 36	0 58	24 1	0 14	17 41	1 38	11 33	0 24	23 11	0 5	14 25	5 5	22 21	22 33	0 21		n.a.
S 8	13 55	18 9	5 1	7 28	3 13	25 54	2 31	0 18	0 57	24 1	0 14	17 40	1 38	11 32	0 24	23 11	0 5	14 25	5 5	22 21	22 33	0 18		n.a.
S 9	14 14	13 4	5 12	7 12	3 23	26 0	2 31	0 1	0 57	24 1	0 14	17 39	1 38	11 31	0 24	23 11	0 5	14 25	5 5	22 21	22 32	0 15		n.a.
M10	14 32	7 7	5 3	6 59	3 31	26 4	2 32	0n17	0 56	24 1	0 14	17 38	1 38	11 30	0 24	23 11	0 5	14 24	5 5	22 20	22 32	0 11		n.a.
T 11	14 51	0 40	4 34	6 48	3 38	26 8	2 31	0 35	0 56	24 1	0 15	17 37	1 38	11 30	0 24	23 11	0 5	14 24	5 5	22 20	22 32	0 8		n.a.
W12	15 9	5n53	3 46	6 40	3 44	26 11	2 31	0 52	0 56	24 2	0 15	17 36	1 38	11 29	0 24	23 11	0 5	14 24	5 5	22 19	22 31	0 5		n.a.
T 13	15 27	12 7	2 43	6 35	3 48	26 14	2 31	1 10	0 55	24 2	0 15	17 35	1 38	11 28	0 24	23 11	0 6	14 24	5 5	22 19	22 31	0 2		n.a.
F 14	15 45	17 35	1 28	6 32	3 51	26 16	2 31	1 28	0 55	24 2	0 15	17 34	1 38	11 27	0 24	23 11	0 6	14 23	5 5	22 18	22 30	0s 1		n.a.
S 15	16 3	21 53	0 10	6 32	3 54	26 17	2 30	1 45	0 54	24 2	0 15	17 33	1 38	11 26	0 24	23 11	0 6	14 23	5 5	22 18	22 30	0 4		n.a.
S 16	16 20	24 43	1n 8	6 35	3 54	26 17	2 30	2 3	0 54	24 2	0 16	17 32	1 38	11 25	0 23	23 11	0 6	14 23	5 5	22 18	22 29	0 7		n.a.
M17	16 37	25 58	2 19	6 41	3 54	26 17	2 29	2 20	0 54	24 2	0 16	17 31	1 38	11 25	0 23	23 11	0 6	14 22	5 5	22 18	22 29	0 10		n.a.
T 18	16 54	25 39	3 20	6 49	3 53	26 17	2 28	2 37	0 53	24 2	0 16	17 30	1 38	11 24	0 23	23 11	0 6	14 22	5 4	22 19	22 29	0 13		n.a.
W19	17 11	23 57	4 10	7 0	3 51	26 15	2 27	2 55	0 53	24 2	0 16	17 29	1 38	11 23	0 23	23 12	0 6	14 22	5 4	22 19	22 28	0 16		n.a.
T 20	17 27	21 6	4 45	7 14	3 48	26 13	2 26	3 12	0 52	24 2	0 16	17 28	1 37	11 22	0 23	23 12	0 6	14 22	5 4	22 19	22 28	0 19		n.a.
F 21	17 43	17 22	5 7	7 30	3 43	26 10	2 24	3 29	0 52	24 2	0 17	17 27	1 37	11 21	0 23	23 12	0 6	14 21	5 4	22 19	22 27	0 22		n.a.
S 22	17 59	13 0	5 15	7 48	3 38	26 7	2 23	3 47	0 51	24 3	0 17	17 26	1 37	11 21	0 23	23 12	0 6	14 21	5 4	22 19	22 27	0 25		n.a.
S 23	18 14	8 11	5 9	8 9	3 32	26 3	2 21	4 4	0 51	24 3	0 17	17 25	1 37	11 20	0 23	23 12	0 6	14 21	5 4	22 18	22 26	0 28		n.a.
M24	18 29	3 7	4 50	8 32	3 26	25 58	2 20	4 21	0 50	24 3	0 17	17 24	1 37	11 19	0 23	23 12	0 6	14 20	5 4	22 18	22 26	0 31		n.a.
T 25	18 44	2s 5	4 18	8 57	3 18	25 53	2 18	4 38	0 50	24 3	0 17	17 23	1 37	11 18	0 23	23 12	0 6	14 20	5 4	22 18	22 25	0 34		n.a.
W26	18 59	7 13	3 35	9 24	3 10	25 47	2 16	4 55	0 49	24 3	0 18	17 22	1 37	11 17	0 23	23 12	0 6	14 20	5 4	22 17	22 25	0 37		n.a.
T 27	19 13	12 9	2 43	9 53	3 2	25 40	2 14	5 12	0 49	24 3	0 18	17 21	1 37	11 17	0 23	23 12	0 6	14 20	5 4	22 17	22 24	0 40		n.a.
F 28	19 27	16 40	1 42	10 23	2 52	25 33	2 11	5 28	0 48	24 3	0 18	17 20	1 37	11 16	0 23	23 12	0 6	14 19	5 4	22 17	22 24	0 43		n.a.
S 29	19 41	20 33	0 36	10 55	2 43	25 25	2 9	5 45	0 48	24 3	0 18	17 19	1 37	11 15	0 23	23 13	0 6	14 19	5 3	22 17	22 24	0 47		n.a.
S 30	19 54	23 34	0s32	11 29	2 32	25 17	2 6	6 2	0 47	24 3	0 18	17 18	1 37	11 14	0 23	23 13	0 6	14 19	5 3	22 17	22 23	0 50		n.a.
M31	20n 7	25s29	1s41	12n 5	2s22	25n 8	2n 4	6n19	0s47	24s 3	0s18	17s17	1n37	11s14	0n23	23s13	0s 6	14s19	5n 3	22n17	22n23	0s53		n.a.

Julian Day Number = 1371633.5, Delta T = 06h50m09s
Ecliptic obliquity = 23°48'38, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°17'50, Lahiri = -17°10'50 Julian Calendar 1 May 958 BCE == Greg. Calendar 22 Apr. 958 BCE

The year -957 astronomical counting style corresponds to year 958 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 958 BCE
geocentric

JUNE 958 BCE (-957) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 58 32	29♉23'11	11♑14	9♉ 5	14♋44	18♈20	25°R37	23°R 1	29°R49	13°R26	24°R34	9♊54	10♊31	12♎20	n.a.	T 1
W 2	16 2 29	0♊20'16	24°18	10°29	15°43	19° 2	25♐30	22♏57	29♎47	13♑25	24♏32	9°55	10°27	12°27	n.a.	W 2
T 3	16 6 25	1°17'21	7♒38	11°57	16°42	19°43	25°24	22°53	29°45	13°24	24°31	9°56	10°24	12°34	n.a.	T 3
F 4	16 10 22	2°14'27	21°15	13°29	17°40	20°25	25°18	22°49	29°43	13°23	24°29	9°56	10°21	12°40	n.a.	F 4
S 5	16 14 18	3°11'34	5♓ 8	15° 5	18°38	21° 6	25°11	22°44	29°41	13°22	24°28	9°R57	10°18	12°47	n.a.	S 5
S 6	16 18 15	4° 8'41	19°18	16°44	19°36	21°47	25° 4	22°40	29°39	13°21	24°26	9°56	10°15	12°54	n.a.	S 6
M 7	16 22 11	5° 5'49	3♈42	18°27	20°33	22°28	24°57	22°36	29°37	13°20	24°25	9°56	10°11	13° 0	n.a.	M 7
T 8	16 26 8	6° 2'57	18°17	20°13	21°29	23° 9	24°51	22°31	29°35	13°19	24°23	9°56	10° 8	13° 7	n.a.	T 8
W 9	16 30 4	7° 0'06	2♉57	22° 2	22°26	23°50	24°44	22°27	29°33	13°17	24°22	9°55	10° 5	13°14	n.a.	W 9
T 10	16 34 1	7°57'17	17°38	23°54	23°21	24°31	24°37	22°23	29°32	13°16	24°20	9°55	10° 2	13°20	n.a.	T 10
F 11	16 37 58	8°54'27	2♊13	25°49	24°17	25°12	24°29	22°19	29°30	13°15	24°19	9°55	9°59	13°27	n.a.	F 11
S 12	16 41 54	9°51'39	16°35	27°46	25°12	25°53	24°22	22°15	29°28	13°14	24°17	9°55	9°56	13°34	n.a.	S 12
S 13	16 45 51	10°48'51	0♋39	29°46	26° 6	26°34	24°15	22°11	29°27	13°12	24°16	9°55	9°52	13°41	n.a.	S 13
M14	16 49 47	11°46'04	14°21	1♊48	27° 0	27°15	24° 7	22° 7	29°25	13°11	24°14	9°55	9°49	13°47	n.a.	M14
T 15	16 53 44	12°43'17	27°41	3°51	27°53	27°55	24° 0	22° 3	29°23	13°10	24°13	9°55	9°46	13°54	n.a.	T 15
W16	16 57 40	13°40'30	10♌39	5°56	28°45	28°36	23°52	21°59	29°22	13° 8	24°12	9°54	9°43	14° 1	n.a.	W16
T 17	17 1 37	14°37'44	23°16	8° 1	29°38	29°16	23°45	21°55	29°20	13° 7	24°10	9°54	9°40	14° 7	n.a.	T 17
F 18	17 5 34	15°34'59	5♍35	10° 8	0♌29	29°57	23°37	21°51	29°19	13° 5	24° 9	9°53	9°36	14°14	n.a.	F 18
S 19	17 9 30	16°32'14	17°41	12°14	1°20	0♉37	23°30	21°47	29°17	13° 4	24° 7	9°D53	9°33	14°21	n.a.	S 19
S 20	17 13 27	17°29'30	29°38	14°21	2°10	1°17	23°22	21°44	29°16	13° 3	24° 6	9°54	9°30	14°27	n.a.	S 20
M21	17 17 23	18°26'46	11♎30	16°28	2°59	1°57	23°14	21°40	29°15	13° 1	24° 5	9°54	9°27	14°34	n.a.	M21
T 22	17 21 20	19°24'03	23°22	18°35	3°48	2°37	23° 7	21°36	29°13	13° 0	24° 3	9°55	9°24	14°41	n.a.	T 22
W23	17 25 16	20°21'20	5♏19	20°40	4°36	3°17	22°59	21°33	29°12	12°58	24° 2	9°56	9°21	14°48	n.a.	W23
T 24	17 29 13	21°18'39	17°23	22°45	5°23	3°57	22°51	21°29	29°11	12°57	24° 1	9°57	9°17	14°54	n.a.	T 24
F 25	17 33 9	22°15'58	29°38	24°49	6° 9	4°37	22°43	21°26	29°10	12°55	23°59	9°58	9°14	15° 1	n.a.	F 25
S 26	17 37 6	23°13'18	12♐ 7	26°52	6°55	5°17	22°35	21°22	29° 9	12°54	23°58	9°R58	9°11	15° 8	n.a.	S 26
S 27	17 41 3	24°10'40	24°49	28°54	7°39	5°57	22°28	21°19	29° 8	12°52	23°57	9°57	9° 8	15°14	n.a.	S 27
M28	17 44 59	25° 8'02	7♑47	0♋54	8°23	6°36	22°20	21°16	29° 7	12°51	23°55	9°56	9° 5	15°21	n.a.	M28
T 29	17 48 56	26° 5'26	21° 1	2°53	9° 5	7°16	22°12	21°12	29° 6	12°49	23°54	9°54	9° 2	15°28	n.a.	T 29
W30	17 52 52	27♊ 2'51	4♒28	4♋51	9♌47	7♉55	22♐ 4	21♏ 9	29♎ 5	12♑48	23♏53	9♊52	8♊58	15♎34	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n20	26s 4	2s45	12n41	2s11	24n59	2n 1	6n35	0s46	24s 3	0s19	17s16	1n37	11s13	0n23	23s13	0s 6	14s18	5n 3	22n17	22n22	0s56		n.a.
W 2	20 32	25 14	3 42	13 19	1 59	24 49	1 57	6 52	0 46	24 3	0 19	17 15	1 36	11 12	0 23	23 13	0 6	14 18	5 3	22 17	22 22	0 59		n.a.
T 3	20 44	22 57	4 28	13 58	1 47	24 38	1 54	7 8	0 45	24 3	0 19	17 14	1 36	11 12	0 23	23 13	0 6	14 18	5 3	22 17	22 21	1 2		n.a.
F 4	20 56	19 22	5 0	14 37	1 35	24 27	1 51	7 24	0 45	24 3	0 19	17 13	1 36	11 11	0 23	23 13	0 6	14 18	5 3	22 17	22 21	1 5		n.a.
S 5	21 7	14 39	5 16	15 17	1 23	24 16	1 47	7 41	0 44	24 3	0 19	17 12	1 36	11 10	0 23	23 13	0 6	14 17	5 3	22 17	22 20	1 8		n.a.
S 6	21 18	9 5	5 13	15 58	1 11	24 4	1 43	7 57	0 44	24 3	0 20	17 11	1 36	11 10	0 23	23 14	0 6	14 17	5 3	22 17	22 20	1 11		n.a.
M 7	21 29	2 56	4 50	16 39	0 58	23 51	1 40	8 13	0 43	24 3	0 20	17 10	1 36	11 9	0 23	23 14	0 6	14 17	5 2	22 17	22 19	1 14		n.a.
T 8	21 39	3n27	4 9	17 20	0 46	23 38	1 35	8 29	0 42	24 2	0 20	17 9	1 36	11 8	0 23	23 14	0 6	14 17	5 2	22 17	22 19	1 17		n.a.
W 9	21 49	9 42	3 11	18 1	0 34	23 25	1 31	8 45	0 42	24 2	0 20	17 8	1 36	11 8	0 23	23 14	0 6	14 16	5 2	22 17	22 18	1 20		n.a.
T 10	21 58	15 26	2 0	18 41	0 22	23 11	1 27	9 0	0 41	24 2	0 20	17 7	1 36	11 7	0 23	23 14	0 6	14 16	5 2	22 17	22 18	1 23		n.a.
F 11	22 8	20 14	0 43	19 21	0 10	22 56	1 22	9 16	0 41	24 2	0 21	17 6	1 35	11 6	0 23	23 14	0 6	14 16	5 2	22 17	22 17	1 26		n.a.
S 12	22 16	23 44	0n37	20 0	0n 2	22 42	1 17	9 32	0 40	24 2	0 21	17 5	1 35	11 6	0 23	23 14	0 6	14 16	5 2	22 17	22 17	1 29		n.a.
S 13	22 25	25 41	1 52	20 38	0 13	22 26	1 12	9 47	0 40	24 2	0 21	17 4	1 35	11 5	0 23	23 15	0 6	14 16	5 2	22 17	22 17	1 33		n.a.
M14	22 33	26 0	3 0	21 14	0 24	22 11	1 7	10 3	0 39	24 2	0 21	17 3	1 35	11 5	0 23	23 15	0 6	14 15	5 1	22 17	22 16	1 36		n.a.
T 15	22 40	24 47	3 55	21 48	0 34	21 55	1 2	10 18	0 38	24 2	0 21	17 2	1 35	11 4	0 23	23 15	0 6	14 15	5 1	22 17	22 16	1 39		n.a.
W16	22 48	22 16	4 37	22 21	0 44	21 39	0 56	10 33	0 38	24 1	0 21	17 1	1 35	11 4	0 23	23 15	0 6	14 15	5 1	22 17	22 15	1 42		n.a.
T 17	22 55	18 44	5 4	22 52	0 53	21 22	0 50	10 48	0 37	24 1	0 22	17 0	1 35	11 3	0 23	23 15	0 6	14 15	5 1	22 17	22 15	1 45		n.a.
F 18	23 1	14 29	5 16	23 20	1 2	21 5	0 45	11 3	0 37	24 1	0 22	16 59	1 35	11 3	0 23	23 15	0 6	14 15	5 1	22 17	22 14	1 48		n.a.
S 19	23 7	9 45	5 14	23 46	1 10	20 48	0 38	11 18	0 36	24 1	0 22	16 59	1 34	11 2	0 23	23 15	0 6	14 14	5 1	22 17	22 14	1 51		n.a.
S 20	23 13	4 42	4 58	24 9	1 17	20 30	0 32	11 33	0 35	24 1	0 22	16 58	1 34	11 2	0 23	23 16	0 6	14 14	5 0	22 17	22 13	1 54		n.a.
M21	23 18	0s29	4 30	24 30	1 23	20 12	0 26	11 48	0 35	24 0	0 22	16 57	1 34	11 1	0 23	23 16	0 6	14 14	5 0	22 17	22 13	1 57		n.a.
T 22	23 23	5 39	3 50	24 48	1 29	19 54	0 19	12 2	0 34	24 0	0 22	16 56	1 34	11 1	0 23	23 16	0 6	14 14	5 0	22 17	22 12	2 0		n.a.
W23	23 27	10 40	3 0	25 3	1 34	19 36	0 12	12 17	0 33	24 0	0 23	16 55	1 34	11 0	0 23	23 16	0 6	14 14	5 0	22 17	22 12	2 3		n.a.
T 24	23 31	15 20	2 2	25 15	1 39	19 18	0 5	12 31	0 33	24 0	0 23	16 55	1 34	11 0	0 23	23 16	0 6	14 14	5 0	22 17	22 11	2 6		n.a.
F 25	23 35	19 28	0 57	25 24	1 42	18 59	0s 3	12 45	0 32	23 59	0 23	16 54	1 33	11 0	0 23	23 16	0 6	14 13	5 0	22 17	22 11	2 10		n.a.
S 26	23 38	22 47	0s12	25 31	1 45	18 40	0 10	12 59	0 32	23 59	0 23	16 53	1 33	10 59	0 23	23 17	0 6	14 13	4 59	22 17	22 10	2 13		n.a.
S 27	23 41	25 4	1 21	25 35	1 47	18 21	0 18	13 13	0 31	23 59	0 23	16 52	1 33	10 59	0 23	23 17	0 6	14 13	4 59	22 17	22 10	2 16		n.a.
M28	23 43	26 2	2 28	25 37	1 49	18 2	0 26	13 27	0 30	23 58	0 23	16 52	1 33	10 59	0 23	23 17	0 6	14 13	4 59	22 17	22 9	2 19		n.a.
T 29	23 45	25 33	3 28	25 36	1 49	17 43	0 34	13 41	0 30	23 58	0 24	16 51	1 33	10 58	0 23	23 17	0 6	14 13	4 59	22 17	22 9	2 22		n.a.
W30	23n47	23s36	4s17	25n33	1n50	17n23	0s43	13n55	0s29	23s58	0s24	16s50	1n33	10s58	0n23	23s17	0s 6	14s13	4n59	22n16	22n 8	2s25		n.a.

Julian Day Number = 1371664.5, Delta T = 06h50m08s
Ecliptic obliquity = 23°48'37, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°17'46, Lahiri = -17°10'45 Julian Calendar 1 June 958 BCE == Greg. Calendar 23 May 958 BCE

The year -957 astronomical counting style corresponds to year 958 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 958 BCE
geocentric

JULY 958 BCE (-957) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 56 49	28♊ 0'17	18♒ 8	6♋47	10♌28	8♉35	21°R57	21°R 6	29°R 4	12°R46	23°R52	9°R50	8♊55	15♎41	n.a.	T 1
F 2	18 0 45	28°57'45	1♓59	8°42	11° 8	9°14	21♐49	21♏ 3	29♎ 3	12♑44	23♏51	9♊48	8°52	15°48	n.a.	F 2
S 3	18 4 42	29°55'14	16° 0	10°35	11°46	9°53	21°41	21° 0	29° 2	12°43	23°49	9°46	8°49	15°55	n.a.	S 3
S 4	18 8 38	0♋52'44	0♈ 8	12°27	12°24	10°33	21°34	20°57	29° 1	12°41	23°48	9°D46	8°46	16° 1	n.a.	S 4
M 5	18 12 35	1°50'16	14°21	14°17	13° 0	11°12	21°26	20°55	29° 1	12°40	23°47	9°46	8°42	16° 8	n.a.	M 5
T 6	18 16 32	2°47'50	28°37	16° 6	13°35	11°51	21°19	20°52	29° 0	12°38	23°46	9°47	8°39	16°15	n.a.	T 6
W 7	18 20 28	3°45'26	12♉54	17°53	14° 9	12°30	21°11	20°49	29° 0	12°36	23°45	9°49	8°36	16°21	n.a.	W 7
T 8	18 24 25	4°43'03	27° 8	19°38	14°41	13° 9	21° 4	20°47	28°59	12°35	23°44	9°50	8°33	16°28	n.a.	T 8
F 9	18 28 21	5°40'42	11♊17	21°22	15°12	13°48	20°57	20°44	28°58	12°33	23°43	9°R50	8°30	16°35	n.a.	F 9
S 10	18 32 18	6°38'22	25°16	23° 5	15°42	14°26	20°49	20°42	28°58	12°32	23°42	9°49	8°27	16°41	n.a.	S 10
S 11	18 36 14	7°36'04	9♋ 2	24°46	16°10	15° 5	20°42	20°40	28°58	12°30	23°41	9°47	8°23	16°48	n.a.	S 11
M12	18 40 11	8°33'48	22°32	26°26	16°37	15°43	20°35	20°37	28°57	12°28	23°40	9°44	8°20	16°55	n.a.	M12
T 13	18 44 8	9°31'33	5♌45	28° 5	17° 2	16°22	20°28	20°35	28°57	12°27	23°39	9°39	8°17	17° 2	n.a.	T 13
W14	18 48 4	10°29'19	18°38	29°41	17°26	17° 0	20°21	20°33	28°57	12°25	23°38	9°34	8°14	17° 8	n.a.	W14
T 15	18 52 1	11°27'06	1♍14	1♌17	17°47	17°39	20°14	20°31	28°57	12°23	23°37	9°30	8°11	17°15	n.a.	T 15
F 16	18 55 57	12°24'55	13°33	2°51	18° 7	18°17	20° 8	20°29	28°56	12°22	23°36	9°25	8° 8	17°22	n.a.	F 16
S 17	18 59 54	13°22'45	25°39	4°24	18°25	18°55	20° 1	20°27	28°56	12°20	23°35	9°22	8° 4	17°28	n.a.	S 17
S 18	19 3 50	14°20'37	7♎35	5°55	18°42	19°33	19°55	20°26	28°D56	12°19	23°35	9°21	8° 1	17°35	n.a.	S 18
M19	19 7 47	15°18'30	19°27	7°24	18°56	20°11	19°48	20°24	28°56	12°17	23°34	9°D21	7°58	17°42	n.a.	M19
T 20	19 11 43	16°16'24	1♏19	8°53	19° 8	20°49	19°42	20°23	28°56	12°15	23°33	9°22	7°55	17°48	n.a.	T 20
W21	19 15 40	17°14'20	13°16	10°19	19°18	21°27	19°36	20°21	28°56	12°14	23°32	9°23	7°52	17°55	n.a.	W21
T 22	19 19 36	18°12'17	25°23	11°45	19°26	22° 4	19°30	20°20	28°57	12°12	23°31	9°25	7°48	18° 2	n.a.	T 22
F 23	19 23 33	19°10'16	7♐45	13° 9	19°32	22°42	19°24	20°19	28°57	12°10	23°31	9°R26	7°45	18° 8	n.a.	F 23
S 24	19 27 30	20° 8'17	20°23	14°31	19°36	23°19	19°19	20°17	28°57	12° 9	23°30	9°25	7°42	18°15	n.a.	S 24
S 25	19 31 26	21° 6'19	3♑22	15°52	19°R37	23°57	19°13	20°16	28°57	12° 7	23°29	9°23	7°39	18°22	n.a.	S 25
M26	19 35 23	22° 4'23	16°40	17°11	19°36	24°34	19° 8	20°15	28°58	12° 6	23°29	9°18	7°36	18°29	n.a.	M26
T 27	19 39 19	23° 2'29	0♒18	18°28	19°33	25°11	19° 2	20°14	28°58	12° 4	23°28	9°12	7°33	18°35	n.a.	T 27
W28	19 43 16	24° 0'37	14°13	19°44	19°27	25°48	18°57	20°14	28°59	12° 2	23°28	9° 5	7°29	18°42	n.a.	W28
T 29	19 47 12	24°58'46	28°20	20°58	19°19	26°25	18°52	20°13	28°59	12° 1	23°27	8°58	7°26	18°49	n.a.	T 29
F 30	19 51 9	25°56'57	12♓35	22°10	19° 8	27° 2	18°47	20°12	29° 0	11°59	23°27	8°52	7°23	18°55	n.a.	F 30
S 31	19 55 5	26♋55'11	26♓53	23♌20	18♌56	27♉39	18♐43	20♏12	29♎ 0	11♑58	23♏26	8♊46	7♊20	19♎ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n48	20s16	4s53	25n27	1n49	17n 4	0s51	14n 8	0s28	23s58	0s24	16s50	1n32	10s58	0n23	23s17	0s 6	14s13	4n58	22n16	22n 8	2s28			n.a.
F 2	23 48	15 46	5 12	25 19	1 48	16 44	1 0	14 22	0 28	23 57	0 24	16 49	1 32	10 57	0 22	23 18	0 6	14 13	4 58	22 16	22 7	2 31			n.a.
S 3	23 49	10 24	5 13	25 9	1 47	16 25	1 9	14 35	0 27	23 57	0 24	16 48	1 32	10 57	0 22	23 18	0 6	14 12	4 58	22 16	22 7	2 34			n.a.
S 4	23 48	4 27	4 55	24 57	1 45	16 5	1 19	14 48	0 26	23 57	0 24	16 48	1 32	10 57	0 22	23 18	0 6	14 12	4 58	22 16	22 6	2 37			n.a.
M 5	23 48	1n46	4 19	24 43	1 42	15 46	1 28	15 1	0 25	23 56	0 24	16 47	1 32	10 57	0 22	23 18	0 6	14 12	4 58	22 16	22 6	2 40			n.a.
T 6	23 47	7 55	3 28	24 28	1 39	15 27	1 38	15 14	0 25	23 56	0 25	16 47	1 32	10 56	0 22	23 18	0 6	14 12	4 57	22 16	22 5	2 43			n.a.
W 7	23 45	13 41	2 23	24 10	1 36	15 7	1 48	15 27	0 24	23 55	0 25	16 46	1 31	10 56	0 22	23 18	0 6	14 12	4 57	22 16	22 5	2 47			n.a.
T 8	23 43	18 42	1 9	23 52	1 32	14 48	1 58	15 39	0 23	23 55	0 25	16 46	1 31	10 56	0 22	23 19	0 6	14 12	4 57	22 16	22 4	2 50			n.a.
F 9	23 41	22 37	0n 8	23 31	1 27	14 29	2 9	15 52	0 23	23 55	0 25	16 45	1 31	10 56	0 22	23 19	0 6	14 12	4 57	22 16	22 4	2 53			n.a.
S 10	23 38	25 7	1 24	23 9	1 23	14 10	2 19	16 4	0 22	23 54	0 25	16 45	1 31	10 56	0 22	23 19	0 6	14 12	4 57	22 16	22 3	2 56			n.a.
S 11	23 35	26 3	2 33	22 46	1 17	13 51	2 30	16 16	0 21	23 54	0 25	16 44	1 31	10 56	0 22	23 19	0 6	14 12	4 56	22 16	22 3	2 59			n.a.
M12	23 32	25 23	3 33	22 22	1 12	13 33	2 41	16 29	0 20	23 54	0 25	16 44	1 30	10 56	0 22	23 19	0 6	14 12	4 56	22 15	22 2	3 2			n.a.
T 13	23 28	23 18	4 19	21 57	1 6	13 14	2 52	16 40	0 20	23 53	0 26	16 43	1 30	10 55	0 22	23 19	0 6	14 12	4 56	22 15	22 2	3 5			n.a.
W14	23 23	20 5	4 51	21 30	1 0	12 56	3 4	16 52	0 19	23 53	0 26	16 43	1 30	10 55	0 22	23 20	0 6	14 12	4 56	22 14	22 1	3 8			n.a.
T 15	23 18	16 0	5 9	21 3	0 54	12 38	3 15	17 4	0 18	23 52	0 26	16 43	1 30	10 55	0 22	23 20	0 6	14 12	4 55	22 13	22 1	3 11			n.a.
F 16	23 13	11 20	5 11	20 35	0 47	12 21	3 27	17 15	0 17	23 52	0 26	16 42	1 30	10 55	0 22	23 20	0 6	14 12	4 55	22 12	22 0	3 14			n.a.
S 17	23 8	6 19	4 59	20 6	0 40	12 4	3 39	17 27	0 17	23 52	0 26	16 42	1 29	10 55	0 22	23 20	0 6	14 12	4 55	22 12	22 0	3 17			n.a.
S 18	23 1	1 9	4 35	19 37	0 33	11 47	3 51	17 38	0 16	23 51	0 26	16 42	1 29	10 55	0 22	23 20	0 6	14 12	4 55	22 12	21 59	3 21			n.a.
M19	22 55	4s 3	3 59	19 6	0 25	11 31	4 4	17 49	0 15	23 51	0 26	16 42	1 29	10 55	0 22	23 20	0 7	14 12	4 55	22 12	21 59	3 24			n.a.
T 20	22 48	9 7	3 13	18 36	0 17	11 16	4 16	18 0	0 14	23 51	0 26	16 41	1 29	10 55	0 22	23 21	0 7	14 12	4 54	22 12	21 58	3 27			n.a.
W21	22 41	13 53	2 17	18 5	0 9	11 0	4 29	18 11	0 14	23 50	0 27	16 41	1 29	10 55	0 22	23 21	0 7	14 12	4 54	22 12	21 58	3 30			n.a.
T 22	22 33	18 11	1 16	17 33	0 1	10 46	4 42	18 22	0 13	23 50	0 27	16 41	1 28	10 56	0 22	23 21	0 7	14 12	4 54	22 12	21 57	3 33			n.a.
F 23	22 25	21 47	0 9	17 1	0s 7	10 32	4 54	18 32	0 12	23 49	0 27	16 41	1 28	10 56	0 22	23 21	0 7	14 12	4 54	22 12	21 57	3 36			n.a.
S 24	22 16	24 26	0s59	16 29	0 16	10 19	5 7	18 43	0 11	23 49	0 27	16 41	1 28	10 56	0 22	23 21	0 7	14 12	4 53	22 12	21 56	3 39			n.a.
S 25	22 7	25 52	2 6	15 57	0 24	10 6	5 20	18 53	0 10	23 49	0 27	16 41	1 28	10 56	0 22	23 21	0 7	14 12	4 53	22 12	21 55	3 42			n.a.
M26	21 58	25 51	3 8	15 24	0 33	9 54	5 33	19 3	0 10	23 48	0 27	16 41	1 28	10 56	0 22	23 22	0 7	14 12	4 53	22 11	21 55	3 45			n.a.
T 27	21 48	24 18	4 0	14 52	0 42	9 43	5 46	19 13	0 9	23 48	0 27	16 41	1 27	10 56	0 22	23 22	0 7	14 12	4 53	22 10	21 54	3 48			n.a.
W28	21 38	21 16	4 39	14 19	0 51	9 33	5 59	19 23	0 8	23 48	0 27	16 41	1 27	10 56	0 22	23 22	0 7	14 13	4 52	22 9	21 54	3 52			n.a.
T 29	21 28	16 57	5 2	13 47	1 0	9 23	6 11	19 32	0 7	23 47	0 27	16 41	1 27	10 57	0 22	23 22	0 7	14 13	4 52	22 8	21 53	3 55			n.a.
F 30	21 17	11 39	5 7	13 15	1 9	9 14	6 24	19 42	0 6	23 47	0 27	16 41	1 27	10 57	0 22	23 22	0 7	14 13	4 52	22 7	21 53	3 58			n.a.
S 31	21n 6	5s43	4s53	12n43	1s18	9n 7	6s36	19n51	0s 6	23s47	0s28	16s41	1n27	10s57	0n22	23s22	0s 7	14s13	4n52	22n 6	21n52	4s 1			n.a.

Julian Day Number = 1371694.5, Delta T = 06h50m06s
Ecliptic obliquity = 23°48'37, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°17'42, Lahiri = -17°10'41 Julian Calendar 1 July 958 BCE == Greg. Calendar 22 June 958 BCE

The year -957 astronomical counting style corresponds to year 958 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 958 BCE
geocentric

AUGUST 958 BCE (-957) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 59 2	27♋53'27	11♈10	24♌28	18°R40	28♉16	18°R38	20°R11	29♎ 1	11°R56	23°R26	8°R43	7♊17	19♎ 9	n.a.	S 1
M 2	20 2 59	28°51'45	25°23	25°34	18♌23	28°53	18♐34	20♏11	29° 2	11♑54	23♏25	8°D42	7°14	19°15	n.a.	M 2
T 3	20 6 55	29°50'05	9♉30	26°38	18° 3	29°29	18°30	20°11	29° 3	11°53	23°25	8♊42	7°10	19°22	n.a.	T 3
W 4	20 10 52	0♌48'28	23°29	27°39	17°41	0♊ 6	18°26	20°11	29° 3	11°51	23°24	8°43	7° 7	19°29	n.a.	W 4
T 5	20 14 48	1°46'53	7♊21	28°38	17°17	0°42	18°22	20°D11	29° 4	11°50	23°24	8°R44	7° 4	19°35	n.a.	T 5
F 6	20 18 45	2°45'20	21° 4	29°35	16°51	1°18	18°19	20°11	29° 5	11°48	23°24	8°43	7° 1	19°42	n.a.	F 6
S 7	20 22 41	3°43'49	4♋37	0♍28	16°23	1°55	18°15	20°11	29° 6	11°47	23°24	8°40	6°58	19°49	n.a.	S 7
S 8	20 26 38	4°42'21	18° 0	1°18	15°54	2°31	18°12	20°11	29° 7	11°45	23°23	8°35	6°54	19°56	n.a.	S 8
M 9	20 30 34	5°40'55	1♌11	2° 5	15°23	3° 7	18° 9	20°12	29° 8	11°44	23°23	8°27	6°51	20° 2	n.a.	M 9
T 10	20 34 31	6°39'30	14° 8	2°49	14°50	3°42	18° 6	20°12	29°10	11°42	23°23	8°18	6°48	20° 9	n.a.	T 10
W11	20 38 28	7°38'08	26°51	3°28	14°16	4°18	18° 3	20°13	29°11	11°41	23°23	8° 7	6°45	20°16	n.a.	W11
T 12	20 42 24	8°36'48	9♍19	4° 4	13°41	4°54	18° 1	20°13	29°12	11°40	23°23	7°56	6°42	20°22	n.a.	T 12
F 13	20 46 21	9°35'29	21°34	4°35	13° 6	5°29	17°59	20°14	29°13	11°38	23°23	7°46	6°39	20°29	n.a.	F 13
S 14	20 50 17	10°34'13	3♎37	5° 2	12°30	6° 5	17°56	20°15	29°15	11°37	23°23	7°38	6°35	20°36	n.a.	S 14
S 15	20 54 14	11°32'58	15°31	5°23	11°53	6°40	17°54	20°16	29°16	11°35	23°D23	7°32	6°32	20°42	n.a.	S 15
M16	20 58 10	12°31'45	27°21	5°39	11°16	7°15	17°53	20°17	29°17	11°34	23°23	7°29	6°29	20°49	n.a.	M16
T 17	21 2 7	13°30'34	9♏11	5°49	10°40	7°50	17°51	20°18	29°19	11°33	23°23	7°D28	6°26	20°56	n.a.	T 17
W18	21 6 3	14°29'25	21° 7	5°R53	10° 3	8°25	17°50	20°19	29°20	11°31	23°23	7°28	6°23	21° 2	n.a.	W18
T 19	21 10 0	15°28'18	3♐13	5°50	9°28	9° 0	17°49	20°21	29°22	11°30	23°23	7°R28	6°20	21° 9	n.a.	T 19
F 20	21 13 57	16°27'13	15°35	5°40	8°53	9°35	17°48	20°22	29°24	11°29	23°23	7°28	6°16	21°16	n.a.	F 20
S 21	21 17 53	17°26'10	28°17	5°23	8°19	10° 9	17°47	20°24	29°25	11°28	23°23	7°26	6°13	21°22	n.a.	S 21
S 22	21 21 50	18°25'09	11♑24	4°59	7°47	10°44	17°46	20°25	29°27	11°26	23°23	7°22	6°10	21°29	n.a.	S 22
M23	21 25 46	19°24'10	24°56	4°27	7°16	11°18	17°46	20°27	29°29	11°25	23°23	7°15	6° 7	21°36	n.a.	M23
T 24	21 29 43	20°23'12	8♒53	3°48	6°47	11°52	17°D46	20°29	29°31	11°24	23°24	7° 6	6° 4	21°42	n.a.	T 24
W25	21 33 39	21°22'17	23°11	3° 2	6°19	12°26	17°46	20°31	29°33	11°23	23°24	6°55	6° 0	21°49	n.a.	W25
T 26	21 37 36	22°21'24	7♓45	2° 9	5°53	13° 0	17°46	20°33	29°34	11°22	23°24	6°44	5°57	21°56	n.a.	T 26
F 27	21 41 32	23°20'33	22°28	1°10	5°30	13°34	17°47	20°35	29°36	11°21	23°25	6°33	5°54	22° 3	n.a.	F 27
S 28	21 45 29	24°19'45	7♈11	0° 6	5° 9	14° 8	17°47	20°37	29°38	11°19	23°25	6°25	5°51	22° 9	n.a.	S 28
S 29	21 49 25	25°18'59	21°47	28♌58	4°50	14°41	17°48	20°39	29°40	11°18	23°25	6°19	5°48	22°16	n.a.	S 29
M30	21 53 22	26°18'15	6♉12	27°48	4°33	15°15	17°49	20°42	29°43	11°17	23°26	6°15	5°45	22°23	n.a.	M30
T 31	21 57 19	27♌17'34	20♉21	26♌39	4♌19	15♊48	17♐50	20♏44	29♎45	11♑16	23♏26	6♊14	5♊41	22♎29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	20n54	0n30	4s20	12n12	1s28	9n 0	6s48	20n 0	0s 5	23s46	0s28	16s41	1n26	10s57	0n22	23s23	0s 7	14s13	4n51	22n 6	21n52	4s 4		n.a.	S 1
M 2	20 42	6 41	3 32	11 41	1 37	8 54	7 0	20 9	0 4	23 46	0 28	16 41	1 26	10 58	0 22	23 23	0 7	14 13	4 51	22 6	21 51	4 7		n.a.	M 2
T 3	20 30	12 30	2 31	11 10	1 46	8 49	7 11	20 18	0 3	23 46	0 28	16 41	1 26	10 58	0 22	23 23	0 7	14 13	4 51	22 6	21 51	4 10		n.a.	T 3
W 4	20 17	17 38	1 21	10 40	1 55	8 45	7 22	20 27	0 2	23 46	0 28	16 41	1 26	10 58	0 22	23 23	0 7	14 13	4 51	22 6	21 50	4 13		n.a.	W 4
T 5	20 4	21 45	0 7	10 11	2 5	8 42	7 32	20 36	0 1	23 45	0 28	16 41	1 26	10 59	0 22	23 23	0 7	14 14	4 50	22 6	21 50	4 16		n.a.	T 5
F 6	19 51	24 36	1n 6	9 43	2 14	8 41	7 42	20 44	0 0	23 45	0 28	16 42	1 25	10 59	0 22	23 23	0 7	14 14	4 50	22 6	21 49	4 19		n.a.	F 6
S 7	19 37	25 58	2 14	9 15	2 23	8 40	7 52	20 52	0n 1	23 45	0 28	16 42	1 25	10 59	0 21	23 23	0 7	14 14	4 50	22 5	21 49	4 22		n.a.	S 7
S 8	19 23	25 47	3 14	8 49	2 32	8 40	8 1	21 1	0 1	23 45	0 28	16 42	1 25	11 0	0 21	23 24	0 7	14 14	4 50	22 5	21 48	4 26		n.a.	S 8
M 9	19 9	24 9	4 3	8 24	2 41	8 41	8 9	21 9	0 2	23 45	0 28	16 42	1 25	11 0	0 21	23 24	0 7	14 14	4 49	22 3	21 47	4 29		n.a.	M 9
T 10	18 54	21 16	4 38	8 0	2 49	8 44	8 16	21 16	0 3	23 44	0 28	16 43	1 25	11 1	0 21	23 24	0 7	14 14	4 49	22 2	21 47	4 32		n.a.	T 10
W11	18 39	17 24	4 58	7 38	2 58	8 47	8 23	21 24	0 4	23 44	0 28	16 43	1 24	11 1	0 21	23 24	0 7	14 15	4 49	22 0	21 46	4 35		n.a.	W11
T 12	18 23	12 52	5 4	7 17	3 6	8 51	8 28	21 32	0 5	23 44	0 28	16 44	1 24	11 2	0 21	23 24	0 7	14 15	4 49	21 58	21 46	4 38		n.a.	T 12
F 13	18 8	7 54	4 55	6 59	3 13	8 57	8 33	21 39	0 6	23 44	0 29	16 44	1 24	11 2	0 21	23 24	0 7	14 15	4 48	21 57	21 45	4 41		n.a.	F 13
S 14	17 52	2 43	4 33	6 42	3 21	9 3	8 37	21 46	0 7	23 44	0 29	16 44	1 24	11 3	0 21	23 24	0 7	14 15	4 48	21 55	21 45	4 44		n.a.	S 14
S 15	17 35	2s31	4 0	6 28	3 27	9 10	8 40	21 53	0 8	23 44	0 29	16 45	1 24	11 3	0 21	23 25	0 7	14 16	4 48	21 54	21 44	4 47		n.a.	S 15
M16	17 18	7 38	3 17	6 17	3 34	9 17	8 42	22 0	0 9	23 44	0 29	16 45	1 23	11 4	0 21	23 25	0 7	14 16	4 48	21 54	21 44	4 50		n.a.	M16
T 17	17 2	12 30	2 25	6 8	3 39	9 26	8 44	22 7	0 10	23 43	0 29	16 46	1 23	11 4	0 21	23 25	0 7	14 16	4 47	21 54	21 43	4 53		n.a.	T 17
W18	16 44	16 56	1 26	6 2	3 44	9 35	8 44	22 14	0 11	23 43	0 29	16 46	1 23	11 5	0 21	23 25	0 7	14 16	4 47	21 54	21 43	4 57		n.a.	W18
T 19	16 27	20 45	0 23	6 0	3 47	9 45	8 43	22 20	0 12	23 43	0 29	16 47	1 23	11 5	0 21	23 25	0 7	14 17	4 47	21 54	21 42	5 0		n.a.	T 19
F 20	16 9	23 44	0s43	6 1	3 50	9 56	8 42	22 26	0 13	23 43	0 29	16 48	1 22	11 6	0 21	23 25	0 7	14 17	4 47	21 54	21 41	5 3		n.a.	F 20
S 21	15 51	25 36	1 48	6 6	3 51	10 6	8 39	22 32	0 14	23 43	0 29	16 48	1 22	11 7	0 21	23 25	0 7	14 17	4 46	21 53	21 41	5 6		n.a.	S 21
S 22	15 32	26 8	2 50	6 15	3 51	10 18	8 36	22 38	0 15	23 43	0 29	16 49	1 22	11 7	0 21	23 25	0 7	14 17	4 46	21 53	21 40	5 9		n.a.	S 22
M23	15 14	25 8	3 44	6 28	3 50	10 30	8 31	22 44	0 16	23 43	0 29	16 49	1 22	11 8	0 21	23 26	0 7	14 18	4 46	21 51	21 40	5 12		n.a.	M23
T 24	14 55	22 35	4 26	6 45	3 47	10 42	8 26	22 50	0 17	23 43	0 29	16 50	1 22	11 9	0 21	23 26	0 7	14 18	4 46	21 50	21 39	5 15		n.a.	T 24
W25	14 36	18 35	4 53	7 6	3 42	10 54	8 21	22 56	0 18	23 43	0 29	16 51	1 21	11 9	0 21	23 26	0 7	14 18	4 45	21 48	21 39	5 18		n.a.	W25
T 26	14 16	13 26	5 1	7 32	3 35	11 6	8 14	23 1	0 19	23 43	0 29	16 52	1 21	11 10	0 21	23 26	0 7	14 19	4 45	21 46	21 38	5 21		n.a.	T 26
F 27	13 57	7 27	4 50	8 1	3 26	11 19	8 7	23 6	0 20	23 44	0 29	16 52	1 21	11 11	0 21	23 26	0 7	14 19	4 45	21 44	21 38	5 24		n.a.	F 27
S 28	13 37	1 4	4 19	8 34	3 15	11 32	7 59	23 12	0 21	23 44	0 29	16 53	1 21	11 11	0 21	23 26	0 7	14 19	4 45	21 43	21 37	5 28		n.a.	S 28
S 29	13 17	5n21	3 32	9 10	3 2	11 44	7 51	23 17	0 22	23 44	0 29	16 54	1 21	11 12	0 21	23 26	0 7	14 20	4 44	21 42	21 36	5 31		n.a.	S 29
M30	12 57	11 25	2 32	9 48	2 47	11 57	7 42	23 21	0 23	23 44	0 30	16 55	1 20	11 13	0 21	23 26	0 7	14 20	4 44	21 41	21 36	5 34		n.a.	M30
T 31	12n36	16n47	1s23	10n28	2s31	12n 9	7s33	23n26	0n24	23s44	0s30	16s56	1n20	11s14	0n21	23s26	0s 7	14s20	4n44	21n41	21n35	5s37		n.a.	T 31

Julian Day Number = 1371725.5, Delta T = 06h50m05s
Ecliptic obliquity = 23°48'38, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°17'38, Lahiri = -17°10'37 Julian Calendar 1 Aug. 958 BCE == Greg. Calendar 23 July 958 BCE

The year -957 astronomical counting style corresponds to year 958 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 958 BCE
geocentric

SEPTEMBER 958 BCE (-957) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 1 15	28♌16'55	4♊15	25°R30	4°R 7	16♊21	17♐52	20♏47	29♎47	11°R15	23♏27	6°R14	5♊38	22♎36	n.a.	W 1
T 2	22 5 12	29°16'19	17°54	24♌26	3♌57	16°54	17°53	20°50	29°49	11♑14	23°27	6♊14	5°35	22°43	n.a.	T 2
F 3	22 9 8	0♍15'46	1♋19	23°26	3°50	17°27	17°55	20°52	29°51	11°13	23°28	6°12	5°32	22°49	n.a.	F 3
S 4	22 13 5	1°15'15	14°32	22°34	3°46	17°59	17°57	20°55	29°54	11°12	23°29	6° 8	5°29	22°56	n.a.	S 4
S 5	22 17 1	2°14'46	27°32	21°50	3°D44	18°32	17°59	20°58	29°56	11°12	23°29	6° 1	5°26	23° 3	n.a.	S 5
M 6	22 20 58	3°14'20	10♌22	21°15	3°44	19° 4	18° 2	21° 1	29°58	11°11	23°30	5°50	5°22	23° 9	n.a.	M 6
T 7	22 24 54	4°13'55	23° 1	20°52	3°46	19°37	18° 4	21° 4	0♏ 1	11°10	23°31	5°38	5°19	23°16	n.a.	T 7
W 8	22 28 51	5°13'33	5♍29	20°39	3°51	20° 9	18° 7	21° 7	0° 3	11° 9	23°31	5°24	5°16	23°23	n.a.	W 8
T 9	22 32 48	6°13'13	17°46	20°D37	3°59	20°40	18°10	21°11	0° 6	11° 8	23°32	5° 9	5°13	23°29	n.a.	T 9
F 10	22 36 44	7°12'55	29°53	20°46	4° 8	21°12	18°13	21°14	0° 8	11° 8	23°33	4°56	5°10	23°36	n.a.	F 10
S 11	22 40 41	8°12'40	11♎51	21° 5	4°20	21°44	18°16	21°17	0°11	11° 7	23°34	4°45	5° 6	23°43	n.a.	S 11
S 12	22 44 37	9°12'26	23°42	21°35	4°33	22°15	18°20	21°21	0°14	11° 6	23°35	4°36	5° 3	23°49	n.a.	S 12
M13	22 48 34	10°12'14	5♏30	22°14	4°49	22°46	18°24	21°25	0°16	11° 6	23°35	4°31	5° 0	23°56	n.a.	M13
T 14	22 52 30	11°12'04	17°18	23° 1	5° 7	23°17	18°28	21°28	0°19	11° 5	23°36	4°28	4°57	24° 3	n.a.	T 14
W15	22 56 27	12°11'56	29°10	23°56	5°27	23°48	18°32	21°32	0°22	11° 4	23°37	4°27	4°54	24° 9	n.a.	W15
T 16	23 0 23	13°11'50	11♐13	24°58	5°48	24°19	18°36	21°36	0°24	11° 4	23°38	4°27	4°51	24°16	n.a.	T 16
F 17	23 4 20	14°11'45	23°32	26° 6	6°12	24°49	18°40	21°40	0°27	11° 3	23°39	4°27	4°47	24°23	n.a.	F 17
S 18	23 8 16	15°11'43	6♑11	27°20	6°37	25°20	18°45	21°44	0°30	11° 3	23°40	4°25	4°44	24°30	n.a.	S 18
S 19	23 12 13	16°11'42	19°16	28°38	7° 4	25°50	18°50	21°48	0°33	11° 2	23°41	4°21	4°41	24°36	n.a.	S 19
M20	23 16 10	17°11'43	2♒50	0♍ 0	7°32	26°20	18°55	21°52	0°36	11° 2	23°42	4°15	4°38	24°43	n.a.	M20
T 21	23 20 6	18°11'46	16°53	1°26	8° 3	26°49	19° 0	21°56	0°39	11° 1	23°44	4° 6	4°35	24°50	n.a.	T 21
W22	23 24 3	19°11'50	1♓23	2°54	8°34	27°19	19° 5	22° 1	0°42	11° 1	23°45	3°55	4°31	24°56	n.a.	W22
T 23	23 27 59	20°11'57	16°15	4°24	9° 7	27°48	19°11	22° 5	0°45	11° 1	23°46	3°44	4°28	25° 3	n.a.	T 23
F 24	23 31 56	21°12'05	1♈19	5°57	9°42	28°17	19°16	22°10	0°48	11° 0	23°47	3°34	4°25	25°10	n.a.	F 24
S 25	23 35 52	22°12'15	16°26	7°31	10°18	28°46	19°22	22°14	0°51	11° 0	23°48	3°25	4°22	25°16	n.a.	S 25
S 26	23 39 49	23°12'28	1♉25	9° 6	10°55	29°15	19°28	22°19	0°54	11° 0	23°49	3°19	4°19	25°23	n.a.	S 26
M27	23 43 45	24°12'43	16° 9	10°42	11°34	29°43	19°34	22°24	0°57	11° 0	23°51	3°15	4°16	25°30	n.a.	M27
T 28	23 47 42	25°12'59	0♊33	12°19	12°14	0♋11	19°41	22°28	1° 0	10°59	23°52	3°D14	4°12	25°36	n.a.	T 28
W29	23 51 38	26°13'19	14°35	13°57	12°55	0°39	19°47	22°33	1° 3	10°59	23°53	3°15	4° 9	25°43	n.a.	W29
T 30	23 55 35	27♍13'40	28♊15	15♍34	13♌37	1♋ 7	19♐54	22♏38	1♏ 7	10♑59	23♏55	3°R15	4♊ 6	25♎50	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n15	21n 9	0s10	11n 8	2s13	12n21	7s23	23n31	0n25	23s44	0s30	16s56	1n20	11s15	0n21	23s27	0s 7	14s21	4n44	21n41	21n35	5s40		n.a.
T 2	11 54	24 16	1n 1	11 48	1 54	12 33	7 13	23 35	0 26	23 44	0 30	16 57	1 20	11 15	0 21	23 27	0 7	14 21	4 43	21 41	21 34	5 43		n.a.
F 3	11 33	25 57	2 8	12 26	1 34	12 45	7 3	23 39	0 27	23 45	0 30	16 58	1 20	11 16	0 21	23 27	0 7	14 22	4 43	21 41	21 34	5 46		n.a.
S 4	11 12	26 6	3 7	13 2	1 14	12 56	6 52	23 44	0 28	23 45	0 30	16 59	1 19	11 17	0 21	23 27	0 7	14 22	4 43	21 40	21 33	5 49		n.a.
S 5	10 50	24 49	3 56	13 36	0 54	13 7	6 41	23 48	0 29	23 45	0 30	17 0	1 19	11 18	0 21	23 27	0 7	14 22	4 43	21 39	21 32	5 52		n.a.
M 6	10 28	22 15	4 31	14 6	0 34	13 18	6 30	23 51	0 30	23 45	0 30	17 1	1 19	11 19	0 21	23 27	0 7	14 23	4 42	21 37	21 32	5 55		n.a.
T 7	10 6	18 39	4 52	14 32	0 15	13 28	6 19	23 55	0 32	23 46	0 30	17 2	1 19	11 20	0 21	23 27	0 7	14 23	4 42	21 35	21 31	5 59		n.a.
W 8	9 44	14 16	4 59	14 53	0n 3	13 38	6 7	23 59	0 33	23 46	0 30	17 3	1 19	11 21	0 21	23 27	0 7	14 24	4 42	21 32	21 31	6 2		n.a.
T 9	9 22	9 23	4 52	15 10	0 21	13 48	5 56	24 2	0 34	23 46	0 30	17 4	1 18	11 22	0 21	23 27	0 7	14 24	4 42	21 29	21 30	6 5		n.a.
F 10	9 0	4 12	4 32	15 22	0 37	13 57	5 45	24 6	0 35	23 47	0 30	17 5	1 18	11 22	0 21	23 27	0 7	14 24	4 41	21 27	21 30	6 8		n.a.
S 11	8 37	1s 5	4 0	15 30	0 51	14 5	5 33	24 9	0 36	23 47	0 30	17 6	1 18	11 23	0 21	23 27	0 7	14 25	4 41	21 25	21 29	6 11		n.a.
S 12	8 14	6 17	3 18	15 33	1 4	14 13	5 22	24 12	0 37	23 47	0 30	17 8	1 18	11 24	0 21	23 27	0 7	14 25	4 41	21 23	21 28	6 14		n.a.
M13	7 52	11 15	2 27	15 31	1 16	14 20	5 10	24 15	0 39	23 48	0 30	17 9	1 18	11 25	0 21	23 27	0 7	14 26	4 41	21 22	21 28	6 17		n.a.
T 14	7 29	15 50	1 30	15 25	1 26	14 27	4 59	24 18	0 40	23 48	0 30	17 10	1 18	11 26	0 21	23 28	0 7	14 26	4 40	21 22	21 27	6 20		n.a.
W15	7 5	19 50	0 28	15 15	1 35	14 34	4 47	24 21	0 41	23 48	0 30	17 11	1 17	11 27	0 20	23 28	0 7	14 27	4 40	21 22	21 27	6 23		n.a.
T 16	6 42	23 4	0s36	15 1	1 43	14 40	4 36	24 23	0 42	23 49	0 30	17 12	1 17	11 28	0 20	23 28	0 7	14 27	4 40	21 22	21 26	6 26		n.a.
F 17	6 19	25 18	1 39	14 43	1 49	14 45	4 24	24 26	0 43	23 49	0 30	17 13	1 17	11 29	0 20	23 28	0 7	14 28	4 40	21 22	21 25	6 29		n.a.
S 18	5 55	26 19	2 40	14 22	1 54	14 49	4 13	24 28	0 45	23 50	0 30	17 15	1 17	11 30	0 20	23 28	0 7	14 28	4 40	21 21	21 25	6 33		n.a.
S 19	5 32	25 56	3 34	13 58	1 58	14 53	4 2	24 30	0 46	23 50	0 30	17 16	1 17	11 31	0 20	23 28	0 7	14 29	4 39	21 21	21 24	6 36		n.a.
M20	5 8	24 0	4 18	13 31	2 1	14 57	3 51	24 33	0 47	23 51	0 30	17 17	1 16	11 32	0 20	23 28	0 7	14 29	4 39	21 19	21 24	6 39		n.a.
T 21	4 44	20 35	4 48	13 2	2 2	15 0	3 40	24 35	0 48	23 51	0 30	17 18	1 16	11 33	0 20	23 28	0 7	14 30	4 39	21 18	21 23	6 42		n.a.
W22	4 20	15 49	5 1	12 31	2 3	15 2	3 29	24 37	0 50	23 52	0 30	17 20	1 16	11 35	0 20	23 28	0 7	14 30	4 39	21 16	21 22	6 45		n.a.
T 23	3 56	10 1	4 54	11 57	2 3	15 3	3 19	24 39	0 51	23 52	0 30	17 21	1 16	11 36	0 20	23 28	0 7	14 31	4 38	21 14	21 22	6 48		n.a.
F 24	3 32	3 33	4 27	11 22	2 3	15 4	3 8	24 40	0 52	23 53	0 30	17 22	1 16	11 37	0 20	23 28	0 7	14 31	4 38	21 12	21 21	6 51		n.a.
S 25	3 8	3n 9	3 41	10 45	2 1	15 5	2 58	24 42	0 54	23 53	0 30	17 24	1 16	11 38	0 20	23 28	0 7	14 32	4 38	21 10	21 21	6 54		n.a.
S 26	2 44	9 39	2 40	10 7	1 59	15 4	2 48	24 44	0 55	23 54	0 31	17 25	1 15	11 39	0 20	23 28	0 7	14 32	4 38	21 9	21 20	6 57		n.a.
M27	2 20	15 30	1 30	9 28	1 57	15 3	2 38	24 45	0 56	23 54	0 31	17 26	1 15	11 40	0 20	23 28	0 7	14 33	4 37	21 8	21 20	7 0		n.a.
T 28	1 56	20 21	0 14	8 48	1 54	15 2	2 28	24 46	0 58	23 55	0 31	17 28	1 15	11 41	0 20	23 28	0 7	14 33	4 37	21 8	21 19	7 3		n.a.
W29	1 31	23 54	1n 0	8 6	1 50	15 0	2 18	24 48	0 59	23 55	0 31	17 29	1 15	11 42	0 20	23 28	0 7	14 34	4 37	21 8	21 18	7 7		n.a.
T 30	1n 7	25n57	2n 9	7n24	1n46	14n57	2s 9	24n49	1n 1	23s56	0s31	17s31	1n15	11s43	0n20	23s28	0s 7	14s34	4n37	21n 8	21n18	7s10		n.a.

Julian Day Number = 1371756.5, Delta T = 06h50m03s
Ecliptic obliquity = 23°48'38, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°17'33, Lahiri = -17°10'33 Julian Calendar 1 Sept. 958 BCE == Greg. Calendar 23 Aug. 958 BCE

The year -957 astronomical counting style corresponds to year 958 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 958 BCE
geocentric

OCTOBER 958 BCE (-957) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 59 32	28♍14'03	11♋34	17♍12	14♌20	1♋34	20♐ 1	22♏43	1♏10	10°R59	23♏56	3°R14	4♊ 3	25♎56	n.a.	F 1
S 2	0 3 28	29°14'29	24°35	18°50	15° 5	2° 2	20° 8	22°48	1°13	10♑59	23°57	3♊11	4° 0	26° 3	n.a.	S 2
S 3	0 7 25	0♎14'57	7♌21	20°29	15°50	2°29	20°15	22°53	1°16	10°D59	23°59	3° 6	3°57	26°10	n.a.	S 3
M 4	0 11 21	1°15'26	19°54	22° 7	16°36	2°55	20°22	22°58	1°20	10°59	24° 0	2°57	3°53	26°16	n.a.	M 4
T 5	0 15 18	2°15'58	2♍17	23°45	17°24	3°22	20°29	23° 4	1°23	10°59	24° 2	2°47	3°50	26°23	n.a.	T 5
W 6	0 19 14	3°16'31	14°30	25°23	18°12	3°48	20°37	23° 9	1°26	10°59	24° 3	2°35	3°47	26°30	n.a.	W 6
T 7	0 23 11	4°17'06	26°35	27° 0	19° 1	4°14	20°45	23°14	1°30	10°59	24° 5	2°23	3°44	26°36	n.a.	T 7
F 8	0 27 7	5°17'43	8♎33	28°38	19°51	4°40	20°53	23°20	1°33	11° 0	24° 6	2°12	3°41	26°43	n.a.	F 8
S 9	0 31 4	6°18'21	20°26	0♎15	20°42	5° 5	21° 1	23°25	1°36	11° 0	24° 8	2° 3	3°37	26°50	n.a.	S 9
S 10	0 35 1	7°19'01	2♏15	1°52	21°33	5°30	21° 9	23°31	1°40	11° 0	24°10	1°56	3°34	26°56	n.a.	S 10
M11	0 38 57	8°19'43	14° 2	3°29	22°26	5°55	21°17	23°36	1°43	11° 0	24°11	1°52	3°31	27° 3	n.a.	M11
T 12	0 42 54	9°20'26	25°50	5° 6	23°19	6°19	21°26	23°42	1°47	11° 1	24°13	1°50	3°28	27°10	n.a.	T 12
W13	0 46 50	10°21'10	7♐43	6°42	24°12	6°43	21°34	23°48	1°50	11° 1	24°14	1°D50	3°25	27°16	n.a.	W13
T 14	0 50 47	11°21'56	19°45	8°18	25° 7	7° 7	21°43	23°53	1°54	11° 1	24°16	1°51	3°22	27°23	n.a.	T 14
F 15	0 54 43	12°22'43	2♑ 1	9°54	26° 2	7°31	21°52	23°59	1°57	11° 2	24°18	1°52	3°18	27°30	n.a.	F 15
S 16	0 58 40	13°23'31	14°36	11°29	26°57	7°54	22° 1	24° 5	2° 1	11° 2	24°20	1°R53	3°15	27°36	n.a.	S 16
S 17	1 2 36	14°24'21	27°34	13° 5	27°54	8°17	22°10	24°11	2° 4	11° 3	24°21	1°52	3°12	27°43	n.a.	S 17
M18	1 6 33	15°25'11	11♒ 0	14°40	28°50	8°39	22°19	24°17	2° 8	11° 3	24°23	1°49	3° 9	27°50	n.a.	M18
T 19	1 10 30	16°26'03	24°56	16°15	29°48	9° 1	22°29	24°23	2°12	11° 4	24°25	1°44	3° 6	27°56	n.a.	T 19
W20	1 14 26	17°26'56	9♓21	17°50	0♍46	9°23	22°38	24°29	2°15	11° 4	24°27	1°38	3° 3	28° 3	n.a.	W20
T 21	1 18 23	18°27'49	24°12	19°24	1°44	9°45	22°48	24°35	2°19	11° 5	24°28	1°31	2°59	28°10	n.a.	T 21
F 22	1 22 19	19°28'44	9♈21	20°59	2°43	10° 6	22°58	24°41	2°22	11° 6	24°30	1°24	2°56	28°16	n.a.	F 22
S 23	1 26 16	20°29'40	24°38	22°33	3°43	10°26	23° 8	24°48	2°26	11° 6	24°32	1°19	2°53	28°23	n.a.	S 23
S 24	1 30 12	21°30'37	9♉53	24° 7	4°43	10°47	23°18	24°54	2°30	11° 7	24°34	1°15	2°50	28°30	n.a.	S 24
M25	1 34 9	22°31'36	24°56	25°42	5°43	11° 6	23°28	25° 0	2°33	11° 8	24°36	1°D13	2°47	28°36	n.a.	M25
T 26	1 38 5	23°32'36	9♊39	27°16	6°44	11°26	23°38	25° 6	2°37	11° 8	24°38	1°13	2°43	28°43	n.a.	T 26
W27	1 42 2	24°33'37	23°56	28°50	7°45	11°45	23°48	25°13	2°41	11° 9	24°40	1°15	2°40	28°50	n.a.	W27
T 28	1 45 59	25°34'40	7♋47	0♏24	8°47	12° 4	23°59	25°19	2°44	11°10	24°42	1°16	2°37	28°56	n.a.	T 28
F 29	1 49 55	26°35'44	21°12	1°58	9°49	12°22	24° 9	25°26	2°48	11°11	24°44	1°R17	2°34	29° 3	n.a.	F 29
S 30	1 53 52	27°36'49	4♌14	3°32	10°52	12°40	24°20	25°32	2°52	11°12	24°46	1°17	2°31	29°10	n.a.	S 30
S 31	1 57 48	28♎37'56	16♌56	5♏ 5	11♍55	12♋57	24♐31	25♏39	2♏55	11♑13	24♏48	1♊15	2♊28	29♎16	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	0n43	26n26	3n 9	6n42	1n42	14n53	1s59	24n50	1n 2	23s56	0s31	17s32	1n15	11s45	0n20	23s28	0s 7	14s35	4n37	21n 8	21n17	7s13		n.a.	F 1
S 2	0 18	25 26	3 58	5 58	1 38	14 49	1 50	24 51	1 3	23 57	0 31	17 34	1 14	11 46	0 20	23 28	0 7	14 35	4 36	21 7	21 16	7 16		n.a.	S 2
S 3	0s 6	23 7	4 34	5 15	1 33	14 44	1 41	24 52	1 5	23 57	0 31	17 35	1 14	11 47	0 20	23 28	0 7	14 36	4 36	21 6	21 16	7 19		n.a.	S 3
M 4	0 30	19 44	4 56	4 31	1 27	14 39	1 32	24 53	1 6	23 58	0 31	17 36	1 14	11 48	0 20	23 28	0 7	14 37	4 36	21 4	21 15	7 22		n.a.	M 4
T 5	0 55	15 32	5 4	3 46	1 22	14 32	1 23	24 54	1 8	23 59	0 31	17 38	1 14	11 49	0 20	23 28	0 7	14 37	4 36	21 2	21 15	7 25		n.a.	T 5
W 6	1 19	10 45	4 57	3 2	1 16	14 26	1 15	24 55	1 9	23 59	0 31	17 39	1 14	11 51	0 20	23 28	0 7	14 38	4 35	21 0	21 14	7 28		n.a.	W 6
T 7	1 44	5 36	4 37	2 17	1 11	14 18	1 6	24 55	1 11	24 0	0 31	17 41	1 14	11 52	0 20	23 28	0 7	14 38	4 35	20 58	21 13	7 31		n.a.	T 7
F 8	2 8	0 18	4 6	1 32	1 5	14 10	0 58	24 56	1 12	24 0	0 31	17 42	1 14	11 53	0 20	23 28	0 7	14 39	4 35	20 56	21 13	7 34		n.a.	F 8
S 9	2 32	4s58	3 23	0 48	0 59	14 2	0 50	24 57	1 14	24 1	0 31	17 44	1 13	11 54	0 20	23 28	0 7	14 39	4 35	20 54	21 12	7 37		n.a.	S 9
S 10	2 57	10 4	2 32	0 3	0 53	13 53	0 42	24 57	1 16	24 1	0 31	17 46	1 13	11 55	0 20	23 28	0 7	14 40	4 35	20 52	21 12	7 41		n.a.	S 10
M11	3 21	14 48	1 34	0s42	0 46	13 43	0 34	24 58	1 17	24 2	0 31	17 47	1 13	11 57	0 20	23 28	0 7	14 41	4 34	20 51	21 11	7 44		n.a.	M11
T 12	3 45	19 0	0 32	1 27	0 40	13 32	0 27	24 58	1 19	24 3	0 31	17 49	1 13	11 58	0 20	23 28	0 7	14 41	4 34	20 51	21 10	7 47		n.a.	T 12
W13	4 10	22 27	0s32	2 11	0 33	13 21	0 19	24 58	1 20	24 3	0 31	17 50	1 13	11 59	0 20	23 28	0 7	14 42	4 34	20 51	21 10	7 50		n.a.	W13
T 14	4 34	24 59	1 35	2 56	0 27	13 10	0 12	24 59	1 22	24 4	0 31	17 52	1 13	12 0	0 20	23 28	0 7	14 42	4 34	20 51	21 9	7 53		n.a.	T 14
F 15	4 58	26 23	2 36	3 40	0 20	12 58	0 5	24 59	1 24	24 4	0 31	17 53	1 13	12 2	0 20	23 28	0 7	14 43	4 34	20 51	21 9	7 56		n.a.	F 15
S 16	5 22	26 29	3 30	4 24	0 14	12 45	0n 2	24 59	1 25	24 5	0 31	17 55	1 12	12 3	0 20	23 28	0 7	14 44	4 33	20 51	21 8	7 59		n.a.	S 16
S 17	5 46	25 9	4 16	5 8	0 7	12 31	0 9	25 0	1 27	24 6	0 31	17 57	1 12	12 4	0 20	23 28	0 7	14 44	4 33	20 51	21 7	8 2		n.a.	S 17
M18	6 10	22 22	4 49	5 51	0 1	12 18	0 15	25 0	1 29	24 6	0 31	17 58	1 12	12 5	0 20	23 28	0 7	14 45	4 33	20 51	21 7	8 5		n.a.	M18
T 19	6 34	18 13	5 7	6 34	0s 6	12 3	0 21	25 0	1 31	24 7	0 31	18 0	1 12	12 7	0 20	23 28	0 7	14 45	4 33	20 50	21 6	8 8		n.a.	T 19
W20	6 57	12 54	5 6	7 17	0 12	11 48	0 28	25 0	1 32	24 7	0 31	18 1	1 12	12 8	0 20	23 28	0 7	14 46	4 33	20 48	21 5	8 11		n.a.	W20
T 21	7 21	6 41	4 45	8 0	0 19	11 33	0 34	25 1	1 34	24 8	0 31	18 3	1 12	12 9	0 20	23 28	0 7	14 47	4 33	20 47	21 5	8 14		n.a.	T 21
F 22	7 44	0n 2	4 4	8 42	0 25	11 17	0 40	25 1	1 36	24 9	0 31	18 5	1 12	12 10	0 20	23 28	0 7	14 47	4 32	20 46	21 4	8 17		n.a.	F 22
S 23	8 8	6 49	3 5	9 24	0 31	11 0	0 45	25 1	1 38	24 9	0 31	18 6	1 11	12 12	0 20	23 28	0 7	14 48	4 32	20 44	21 4	8 21		n.a.	S 23
S 24	8 31	13 13	1 53	10 5	0 38	10 43	0 51	25 1	1 40	24 10	0 31	18 8	1 11	12 13	0 20	23 28	0 7	14 49	4 32	20 44	21 3	8 24		n.a.	S 24
M25	8 54	18 45	0 34	10 46	0 44	10 26	0 56	25 1	1 41	24 10	0 31	18 10	1 11	12 14	0 20	23 28	0 7	14 49	4 32	20 43	21 2	8 27		n.a.	M25
T 26	9 17	23 0	0n46	11 26	0 50	10 7	1 1	25 1	1 43	24 11	0 31	18 11	1 11	12 16	0 20	23 28	0 8	14 50	4 32	20 43	21 2	8 30		n.a.	T 26
W27	9 40	25 41	2 1	12 6	0 56	9 49	1 6	25 2	1 45	24 11	0 32	18 13	1 11	12 17	0 20	23 28	0 8	14 50	4 31	20 44	21 1	8 33		n.a.	W27
T 28	10 2	26 41	3 6	12 45	1 2	9 30	1 11	25 2	1 47	24 12	0 32	18 15	1 11	12 18	0 20	23 27	0 8	14 51	4 31	20 44	21 0	8 36		n.a.	T 28
F 29	10 25	26 3	3 59	13 24	1 8	9 11	1 16	25 2	1 49	24 12	0 32	18 16	1 11	12 19	0 20	23 27	0 8	14 52	4 31	20 44	21 0	8 39		n.a.	F 29
S 30	10 47	24 0	4 39	14 2	1 13	8 51	1 21	25 2	1 51	24 13	0 32	18 18	1 11	12 21	0 20	23 27	0 8	14 52	4 31	20 44	20 59	8 42		n.a.	S 30
S 31	11s 9	20n48	5n 3	14s39	1s19	8n30	1n25	25n 3	1n53	24s13	0s32	18s20	1n10	12s22	0n20	23s27	0s 8	14s53	4n31	20n44	20n59	8s45		n.a.	S 31

Julian Day Number = 1371786.5, Delta T = 06h50m02s
Ecliptic obliquity = 23°48'39, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°17'29, Lahiri = -17°10'29 Julian Calendar 1 Oct. 958 BCE == Greg. Calendar 22 Sept. 958 BCE

The year -957 astronomical counting style corresponds to year 958 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 958 BCE
geocentric

NOVEMBER 958 BCE (-957) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 1 45	29♎39'04	29♌21	6♏39	12♍58	13♋14	24♐42	25♏45	2♏59	11♑14	24♏50	1°R12	2♊24	29♎23	n.a.	M 1
T 2	2 5 41	0♏40'12	11♍34	8°13	14° 1	13°30	24°53	25°52	3° 3	11°15	24°52	1♊ 8	2°21	29°30	n.a.	T 2
W 3	2 9 38	1°41'22	23°37	9°47	15° 5	13°46	25° 4	25°58	3° 6	11°16	24°54	1° 3	2°18	29°36	n.a.	W 3
T 4	2 13 34	2°42'33	5♎33	11°21	16°10	14° 2	25°15	26° 5	3°10	11°17	24°56	0°57	2°15	29°43	n.a.	T 4
F 5	2 17 31	3°43'45	17°24	12°55	17°14	14°16	25°26	26°12	3°14	11°18	24°58	0°52	2°12	29°50	n.a.	F 5
S 6	2 21 28	4°44'57	29°13	14°29	18°19	14°31	25°38	26°18	3°17	11°19	25° 0	0°48	2° 8	29°56	n.a.	S 6
S 7	2 25 24	5°46'10	11♏ 2	16° 3	19°25	14°45	25°49	26°25	3°21	11°20	25° 2	0°45	2° 5	0♏ 3	n.a.	S 7
M 8	2 29 21	6°47'24	22°52	17°37	20°30	14°58	26° 1	26°32	3°25	11°22	25° 4	0°43	2° 2	0°10	n.a.	M 8
T 9	2 33 17	7°48'39	4♐45	19°11	21°36	15°11	26°12	26°39	3°28	11°23	25° 6	0°D43	1°59	0°16	n.a.	T 9
W10	2 37 14	8°49'54	16°44	20°44	22°42	15°23	26°24	26°46	3°32	11°24	25° 8	0°44	1°56	0°23	n.a.	W10
T 11	2 41 10	9°51'10	28°52	22°18	23°48	15°34	26°36	26°52	3°36	11°25	25°10	0°46	1°53	0°30	n.a.	T 11
F 12	2 45 7	10°52'25	11♑12	23°51	24°55	15°45	26°48	26°59	3°40	11°27	25°12	0°47	1°49	0°36	n.a.	F 12
S 13	2 49 4	11°53'42	23°48	25°25	26° 1	15°56	27° 0	27° 6	3°43	11°28	25°14	0°49	1°46	0°43	n.a.	S 13
S 14	2 53 0	12°54'58	6♒43	26°58	27° 8	16° 6	27°12	27°13	3°47	11°29	25°16	0°49	1°43	0°50	n.a.	S 14
M15	2 56 57	13°56'14	20° 2	28°30	28°16	16°15	27°24	27°20	3°50	11°31	25°18	0°R49	1°40	0°56	n.a.	M15
T 16	3 0 53	14°57'30	3♓45	0♐ 2	29°23	16°24	27°37	27°27	3°54	11°32	25°21	0°49	1°37	1° 3	n.a.	T 16
W17	3 4 50	15°58'46	17°54	1°34	0♎31	16°31	27°49	27°34	3°58	11°34	25°23	0°47	1°34	1°10	n.a.	W17
T 18	3 8 46	17° 0'02	2♈28	3° 5	1°39	16°39	28° 1	27°41	4° 1	11°35	25°25	0°45	1°30	1°16	n.a.	T 18
F 19	3 12 43	18° 1'19	17°23	4°35	2°47	16°45	28°14	27°48	4° 5	11°37	25°27	0°44	1°27	1°23	n.a.	F 19
S 20	3 16 39	19° 2'35	2♉31	6° 3	3°55	16°51	28°27	27°55	4° 9	11°38	25°29	0°42	1°24	1°30	n.a.	S 20
S 21	3 20 36	20° 3'51	17°43	7°31	5° 3	16°57	28°39	28° 2	4°12	11°40	25°31	0°42	1°21	1°36	n.a.	S 21
M22	3 24 33	21° 5'08	2♊50	8°56	6°12	17° 1	28°52	28° 9	4°16	11°41	25°33	0°D41	1°18	1°43	n.a.	M22
T 23	3 28 29	22° 6'24	17°42	10°20	7°21	17° 5	29° 5	28°16	4°19	11°43	25°36	0°42	1°14	1°50	n.a.	T 23
W24	3 32 26	23° 7'41	2♋13	11°41	8°30	17° 9	29°18	28°23	4°23	11°45	25°38	0°42	1°11	1°56	n.a.	W24
T 25	3 36 22	24° 8'58	16°17	13° 0	9°39	17°11	29°30	28°30	4°26	11°46	25°40	0°43	1° 8	2° 3	n.a.	T 25
F 26	3 40 19	25°10'15	29°54	14°15	10°48	17°13	29°43	28°37	4°30	11°48	25°42	0°44	1° 5	2°10	n.a.	F 26
S 27	3 44 15	26°11'33	13♌ 5	15°27	11°58	17°14	29°56	28°44	4°33	11°50	25°44	0°44	1° 2	2°16	n.a.	S 27
S 28	3 48 12	27°12'50	25°51	16°34	13° 7	17°R14	0♑10	28°51	4°37	11°51	25°46	0°R44	0°59	2°23	n.a.	S 28
M29	3 52 9	28°14'07	8♍18	17°36	14°17	17°13	0°23	28°58	4°40	11°53	25°49	0°44	0°55	2°30	n.a.	M29
T 30	3 56 5	29♏15'25	20♍28	18♐31	15♎27	17♋12	0♑36	29♏ 5	4♏44	11♑55	25♏51	0♊44	0♊52	2♏36	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s31	16n44	5n12	15s16	1s24	8n10	1n29	25n 3	1n55	24s14	0s32	18s21	1n10	12s23	0n20	23s27	0s 8	14s54	4n31	20n43	20n58	8s48		n.a.
T 2	11 53	12 3	5 7	15 52	1 29	7 49	1 33	25 3	1 57	24 14	0 32	18 23	1 10	12 25	0 20	23 27	0 8	14 54	4 31	20 42	20 57	8 51		n.a.
W 3	12 15	6 59	4 49	16 27	1 34	7 27	1 37	25 4	1 59	24 15	0 32	18 25	1 10	12 26	0 20	23 27	0 8	14 55	4 30	20 41	20 57	8 54		n.a.
T 4	12 36	1 42	4 18	17 2	1 39	7 5	1 41	25 4	2 1	24 15	0 32	18 26	1 10	12 27	0 20	23 27	0 8	14 55	4 30	20 40	20 56	8 57		n.a.
F 5	12 57	3s37	3 36	17 35	1 43	6 43	1 45	25 5	2 3	24 16	0 32	18 28	1 10	12 28	0 20	23 27	0 8	14 56	4 30	20 39	20 55	9 0		n.a.
S 6	13 18	8 48	2 45	18 8	1 47	6 20	1 48	25 5	2 6	24 16	0 32	18 30	1 10	12 30	0 20	23 27	0 8	14 57	4 30	20 38	20 55	9 3		n.a.
S 7	13 39	13 41	1 46	18 40	1 51	5 57	1 51	25 6	2 8	24 17	0 32	18 32	1 10	12 31	0 20	23 27	0 8	14 57	4 30	20 37	20 54	9 6		n.a.
M 8	13 59	18 5	0 43	19 11	1 55	5 34	1 55	25 6	2 10	24 17	0 32	18 33	1 10	12 32	0 20	23 27	0 8	14 58	4 30	20 37	20 53	9 10		n.a.
T 9	14 20	21 47	0s22	19 41	1 59	5 11	1 58	25 7	2 12	24 17	0 32	18 35	1 10	12 33	0 20	23 26	0 8	14 59	4 29	20 37	20 53	9 13		n.a.
W10	14 40	24 35	1 27	20 10	2 2	4 47	2 0	25 8	2 14	24 18	0 32	18 37	1 9	12 35	0 20	23 26	0 8	14 59	4 29	20 37	20 52	9 16		n.a.
T 11	15 0	26 18	2 29	20 38	2 4	4 23	2 3	25 9	2 17	24 18	0 32	18 38	1 9	12 36	0 20	23 26	0 8	15 0	4 29	20 38	20 51	9 19		n.a.
F 12	15 19	26 45	3 25	21 4	2 7	3 58	2 6	25 10	2 19	24 18	0 32	18 40	1 9	12 37	0 20	23 26	0 8	15 1	4 29	20 38	20 51	9 22		n.a.
S 13	15 38	25 50	4 13	21 30	2 9	3 33	2 8	25 11	2 21	24 19	0 32	18 42	1 9	12 39	0 20	23 26	0 8	15 1	4 29	20 38	20 50	9 25		n.a.
S 14	15 57	23 32	4 49	21 54	2 11	3 9	2 10	25 12	2 23	24 19	0 32	18 43	1 9	12 40	0 20	23 26	0 8	15 2	4 29	20 38	20 50	9 28		n.a.
M15	16 16	19 56	5 11	22 17	2 12	2 43	2 12	25 13	2 26	24 19	0 32	18 45	1 9	12 41	0 20	23 26	0 8	15 2	4 29	20 38	20 49	9 31		n.a.
T 16	16 34	15 11	5 16	22 38	2 12	2 18	2 14	25 14	2 28	24 20	0 32	18 47	1 9	12 42	0 20	23 26	0 8	15 3	4 29	20 38	20 48	9 34		n.a.
W17	16 53	9 29	5 3	22 57	2 13	1 52	2 16	25 16	2 31	24 20	0 32	18 48	1 9	12 44	0 20	23 26	0 8	15 4	4 28	20 38	20 48	9 37		n.a.
T 18	17 10	3 7	4 30	23 16	2 12	1 26	2 18	25 17	2 33	24 20	0 32	18 50	1 9	12 45	0 20	23 25	0 8	15 4	4 28	20 38	20 47	9 40		n.a.
F 19	17 28	3n35	3 38	23 32	2 11	1 0	2 20	25 19	2 35	24 20	0 32	18 52	1 9	12 46	0 20	23 25	0 8	15 5	4 28	20 37	20 46	9 43		n.a.
S 20	17 45	10 11	2 30	23 47	2 10	0 34	2 21	25 20	2 38	24 21	0 33	18 53	1 9	12 47	0 20	23 25	0 8	15 6	4 28	20 37	20 46	9 46		n.a.
S 21	18 2	16 14	1 11	24 0	2 8	0 8	2 22	25 22	2 40	24 21	0 33	18 55	1 8	12 49	0 20	23 25	0 8	15 6	4 28	20 37	20 45	9 49		n.a.
M22	18 18	21 15	0n12	24 11	2 5	0s18	2 24	25 24	2 43	24 21	0 33	18 57	1 8	12 50	0 20	23 25	0 8	15 7	4 28	20 37	20 44	9 52		n.a.
T 23	18 35	24 47	1 33	24 20	2 1	0 45	2 25	25 26	2 45	24 21	0 33	18 58	1 8	12 51	0 20	23 25	0 8	15 7	4 28	20 37	20 44	9 55		n.a.
W24	18 51	26 34	2 46	24 27	1 56	1 12	2 25	25 28	2 48	24 21	0 33	19 0	1 8	12 52	0 20	23 25	0 8	15 8	4 28	20 37	20 43	9 58		n.a.
T 25	19 6	26 33	3 47	24 33	1 51	1 39	2 26	25 30	2 51	24 21	0 33	19 2	1 8	12 53	0 20	23 25	0 8	15 9	4 28	20 37	20 42	10 1		n.a.
F 26	19 21	24 56	4 33	24 36	1 44	2 6	2 27	25 33	2 53	24 21	0 33	19 3	1 8	12 55	0 20	23 24	0 8	15 9	4 27	20 37	20 42	10 4		n.a.
S 27	19 36	21 59	5 3	24 37	1 37	2 33	2 27	25 35	2 56	24 22	0 33	19 5	1 8	12 56	0 20	23 24	0 8	15 10	4 27	20 37	20 41	10 7		n.a.
S 28	19 50	18 3	5 17	24 35	1 29	3 0	2 28	25 38	2 58	24 22	0 33	19 7	1 8	12 57	0 20	23 24	0 8	15 10	4 27	20 37	20 40	10 10		n.a.
M29	20 4	13 26	5 15	24 32	1 19	3 27	2 28	25 40	3 1	24 22	0 33	19 8	1 8	12 58	0 20	23 24	0 8	15 11	4 27	20 37	20 40	10 14		n.a.
T 30	20s18	8n24	4n59	24s26	1s 8	3s54	2n28	25n43	3n 4	24s22	0s33	19s10	1n 8	12s59	0n20	23s24	0s 8	15s12	4n27	20n37	20n39	10s17		n.a.

Julian Day Number = 1371817.5, Delta T = 06h50m00s
Ecliptic obliquity = 23°48'39, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°17'25, Lahiri = -17°10'25 Julian Calendar 1 Nov. 958 BCE == Greg. Calendar 23 Oct. 958 BCE

The year -957 astronomical counting style corresponds to year 958 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 958 BCE
geocentric

DECEMBER 958 BCE (-957) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 0 2	0♐16'42	2♎27	19♐20	16♎37	17°R10	0♑49	29♏12	4♏47	11♑57	25♏53	0°D44	0♊49	2♏43	n.a.	W 1
T 2	4 3 58	1°18'00	14°18	20° 2	17°47	17♋ 7	1° 3	29°19	4°51	11°58	25°55	0♊44	0°46	2°50	n.a.	T 2
F 3	4 7 55	2°19'17	26° 6	20°34	18°58	17° 3	1°16	29°26	4°54	12° 0	25°57	0°44	0°43	2°56	n.a.	F 3
S 4	4 11 51	3°20'34	7♏54	20°57	20° 8	16°59	1°29	29°34	4°57	12° 2	25°59	0°44	0°40	3° 3	n.a.	S 4
S 5	4 15 48	4°21'50	19°45	21°10	21°19	16°54	1°43	29°41	5° 1	12° 4	26° 1	0°44	0°36	3°10	n.a.	S 5
M 6	4 19 44	5°23'07	1♐40	21°R12	22°29	16°48	1°56	29°48	5° 4	12° 6	26° 4	0°R44	0°33	3°16	n.a.	M 6
T 7	4 23 41	6°24'23	13°43	21° 2	23°40	16°41	2°10	29°55	5° 7	12° 8	26° 6	0°44	0°30	3°23	n.a.	T 7
W 8	4 27 38	7°25'38	25°55	20°40	24°51	16°33	2°24	0♐ 2	5°11	12°10	26° 8	0°44	0°27	3°30	n.a.	W 8
T 9	4 31 34	8°26'53	8♑17	20° 7	26° 2	16°24	2°37	0° 9	5°14	12°12	26°10	0°43	0°24	3°36	n.a.	T 9
F 10	4 35 31	9°28'07	20°51	19°23	27°13	16°15	2°51	0°16	5°17	12°14	26°12	0°42	0°20	3°43	n.a.	F 10
S 11	4 39 27	10°29'20	3♒39	18°28	28°24	16° 5	3° 5	0°23	5°20	12°16	26°14	0°40	0°17	3°50	n.a.	S 11
S 12	4 43 24	11°30'32	16°41	17°25	29°35	15°54	3°19	0°30	5°24	12°18	26°16	0°39	0°14	3°56	n.a.	S 12
M13	4 47 20	12°31'43	0♓ 0	16°14	0♏46	15°42	3°33	0°37	5°27	12°20	26°18	0°38	0°11	4° 3	n.a.	M13
T 14	4 51 17	13°32'53	13°38	14°59	1°58	15°30	3°46	0°44	5°30	12°22	26°20	0°D38	0° 8	4°10	n.a.	T 14
W15	4 55 14	14°34'02	27°34	13°42	3° 9	15°16	4° 0	0°51	5°33	12°24	26°23	0°38	0° 5	4°16	n.a.	W15
T 16	4 59 10	15°35'09	11♈48	12°25	4°21	15° 2	4°14	0°58	5°36	12°26	26°25	0°39	0° 1	4°23	n.a.	T 16
F 17	5 3 7	16°36'16	26°19	11°10	5°32	14°48	4°28	1° 4	5°39	12°28	26°27	0°40	29♉58	4°30	n.a.	F 17
S 18	5 7 3	17°37'21	11♉ 2	9°59	6°44	14°32	4°42	1°11	5°42	12°30	26°29	0°42	29°55	4°36	n.a.	S 18
S 19	5 11 0	18°38'25	25°53	8°54	7°56	14°16	4°56	1°18	5°45	12°32	26°31	0°R42	29°52	4°43	n.a.	S 19
M20	5 14 56	19°39'28	10♊45	7°57	9° 7	13°59	5°10	1°25	5°48	12°34	26°33	0°42	29°49	4°50	n.a.	M20
T 21	5 18 53	20°40'30	25°28	7° 8	10°19	13°41	5°25	1°32	5°51	12°37	26°35	0°41	29°46	4°56	n.a.	T 21
W22	5 22 49	21°41'31	9♋58	6°28	11°31	13°23	5°39	1°39	5°54	12°39	26°37	0°39	29°42	5° 3	n.a.	W22
T 23	5 26 46	22°42'31	24° 6	5°56	12°43	13° 4	5°53	1°45	5°56	12°41	26°39	0°35	29°39	5°10	n.a.	T 23
F 24	5 30 43	23°43'30	7♌50	5°34	13°55	12°45	6° 7	1°52	5°59	12°43	26°41	0°32	29°36	5°16	n.a.	F 24
S 25	5 34 39	24°44'28	21° 9	5°20	15° 7	12°25	6°21	1°59	6° 2	12°45	26°43	0°29	29°33	5°23	n.a.	S 25
S 26	5 38 36	25°45'25	4♍ 2	5°D14	16°19	12° 4	6°35	2° 6	6° 5	12°47	26°45	0°26	29°30	5°30	n.a.	S 26
M27	5 42 32	26°46'21	16°34	5°16	17°32	11°43	6°50	2°12	6° 7	12°50	26°47	0°24	29°26	5°36	n.a.	M27
T 28	5 46 29	27°47'16	28°47	5°26	18°44	11°22	7° 4	2°19	6°10	12°52	26°48	0°D24	29°23	5°43	n.a.	T 28
W29	5 50 25	28°48'10	10♎46	5°42	19°56	11° 0	7°18	2°25	6°13	12°54	26°50	0°24	29°20	5°50	n.a.	W29
T 30	5 54 22	29°49'02	22°37	6° 5	21° 9	10°37	7°32	2°32	6°15	12°56	26°52	0°26	29°17	5°56	n.a.	T 30
F 31	5 58 18	0♑49'54	4♏25	6♐33	22♏21	10♋15	7♑47	2♐38	6♏18	12♑58	26♏54	0♊28	29♉14	6♏ 3	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	20s31	3n 8	4n31	24s18	0s56	4s21	2n28	25n46	3n 6	24s22	0s33	19s11	1n 8	13s 1	0n20	23s24	0s 8	15s12	4n27	20n37	20n38	10s20			n.a.
T 2	20 44	2s11	3 51	24 9	0 43	4 48	2 28	25 49	3 9	24 22	0 33	19 13	1 8	13 2	0 20	23 24	0 8	15 13	4 27	20 37	20 38	10 23			n.a.
F 3	20 57	7 26	3 1	23 57	0 28	5 15	2 28	25 52	3 11	24 22	0 33	19 15	1 8	13 3	0 20	23 23	0 8	15 13	4 27	20 37	20 37	10 26			n.a.
S 4	21 9	12 25	2 4	23 43	0 13	5 43	2 28	25 55	3 14	24 21	0 33	19 16	1 8	13 4	0 20	23 23	0 8	15 14	4 27	20 37	20 36	10 29			n.a.
S 5	21 21	16 58	1 1	23 27	0n 4	6 10	2 27	25 58	3 17	24 21	0 33	19 18	1 8	13 5	0 20	23 23	0 8	15 14	4 27	20 37	20 36	10 32			n.a.
M 6	21 32	20 54	0s 5	23 9	0 22	6 37	2 27	26 2	3 19	24 21	0 33	19 19	1 7	13 6	0 20	23 23	0 8	15 15	4 27	20 37	20 35	10 35			n.a.
T 7	21 43	23 59	1 12	22 50	0 40	7 4	2 26	26 5	3 22	24 21	0 33	19 21	1 7	13 7	0 20	23 23	0 8	15 16	4 26	20 37	20 34	10 38			n.a.
W 8	21 53	26 0	2 15	22 29	0 59	7 31	2 26	26 9	3 25	24 21	0 34	19 22	1 7	13 9	0 20	23 23	0 8	15 16	4 26	20 37	20 34	10 41			n.a.
T 9	22 3	26 46	3 14	22 7	1 19	7 58	2 25	26 13	3 27	24 21	0 34	19 24	1 7	13 10	0 20	23 22	0 8	15 17	4 26	20 37	20 33	10 44			n.a.
F 10	22 13	26 11	4 4	21 45	1 38	8 24	2 24	26 16	3 30	24 20	0 34	19 26	1 7	13 11	0 20	23 22	0 8	15 17	4 26	20 37	20 32	10 47			n.a.
S 11	22 22	24 13	4 43	21 21	1 57	8 51	2 23	26 20	3 32	24 20	0 34	19 27	1 7	13 12	0 20	23 22	0 8	15 18	4 26	20 36	20 32	10 50			n.a.
S 12	22 31	20 57	5 8	20 57	2 16	9 17	2 22	26 24	3 35	24 20	0 34	19 29	1 7	13 13	0 20	23 22	0 8	15 18	4 26	20 36	20 31	10 53			n.a.
M13	22 39	16 34	5 17	20 34	2 33	9 44	2 20	26 28	3 37	24 20	0 34	19 30	1 7	13 14	0 20	23 22	0 8	15 19	4 26	20 36	20 30	10 56			n.a.
T 14	22 47	11 16	5 9	20 10	2 48	10 10	2 19	26 32	3 40	24 19	0 34	19 32	1 7	13 15	0 20	23 21	0 8	15 20	4 26	20 36	20 30	10 59			n.a.
W15	22 54	5 18	4 43	19 48	3 1	10 36	2 18	26 36	3 42	24 19	0 34	19 33	1 7	13 16	0 20	23 21	0 8	15 20	4 26	20 36	20 29	11 2			n.a.
T 16	23 1	1n 5	3 59	19 28	3 12	11 2	2 16	26 40	3 45	24 19	0 34	19 35	1 7	13 17	0 20	23 21	0 8	15 21	4 26	20 36	20 28	11 5			n.a.
F 17	23 7	7 32	2 59	19 9	3 20	11 27	2 15	26 44	3 47	24 18	0 34	19 36	1 7	13 18	0 20	23 21	0 8	15 21	4 26	20 37	20 27	11 8			n.a.
S 18	23 13	13 41	1 47	18 53	3 27	11 53	2 13	26 48	3 50	24 18	0 34	19 38	1 7	13 19	0 20	23 21	0 8	15 22	4 26	20 37	20 27	11 11			n.a.
S 19	23 19	19 6	0 27	18 40	3 30	12 18	2 11	26 53	3 52	24 17	0 34	19 39	1 7	13 20	0 20	23 21	0 8	15 22	4 26	20 37	20 26	11 14			n.a.
M20	23 24	23 19	0n55	18 29	3 32	12 43	2 10	26 57	3 54	24 17	0 34	19 40	1 7	13 21	0 20	23 20	0 8	15 23	4 26	20 37	20 25	11 17			n.a.
T 21	23 29	25 56	2 13	18 22	3 31	13 7	2 8	27 1	3 56	24 16	0 34	19 42	1 7	13 22	0 20	23 20	0 8	15 23	4 26	20 37	20 25	11 20			n.a.
W22	23 33	26 45	3 20	18 18	3 29	13 32	2 6	27 5	3 59	24 16	0 35	19 43	1 7	13 23	0 20	23 20	0 8	15 24	4 26	20 36	20 24	11 23			n.a.
T 23	23 36	25 47	4 13	18 16	3 25	13 56	2 4	27 9	4 1	24 15	0 35	19 45	1 7	13 24	0 20	23 20	0 8	15 24	4 26	20 35	20 23	11 26			n.a.
F 24	23 40	23 16	4 51	18 18	3 19	14 20	2 2	27 13	4 3	24 15	0 35	19 46	1 7	13 25	0 20	23 20	0 8	15 25	4 26	20 35	20 23	11 29			n.a.
S 25	23 42	19 33	5 11	18 22	3 13	14 43	1 59	27 17	4 5	24 14	0 35	19 47	1 7	13 26	0 20	23 19	0 8	15 25	4 26	20 34	20 22	11 32			n.a.
S 26	23 44	15 2	5 14	18 28	3 5	15 6	1 57	27 21	4 7	24 13	0 35	19 49	1 7	13 27	0 20	23 19	0 8	15 26	4 26	20 33	20 21	11 35			n.a.
M27	23 46	10 1	5 2	18 36	2 57	15 29	1 55	27 25	4 8	24 13	0 35	19 50	1 7	13 28	0 20	23 19	0 8	15 26	4 25	20 33	20 21	11 38			n.a.
T 28	23 47	4 43	4 37	18 47	2 48	15 52	1 53	27 28	4 10	24 12	0 35	19 52	1 7	13 28	0 20	23 19	0 8	15 27	4 25	20 33	20 20	11 41			n.a.
W29	23 48	0s39	4 0	18 59	2 39	16 14	1 50	27 32	4 12	24 11	0 35	19 53	1 7	13 29	0 20	23 19	0 8	15 27	4 25	20 33	20 19	11 44			n.a.
T 30	23 49	5 57	3 13	19 13	2 29	16 36	1 48	27 35	4 13	24 11	0 35	19 54	1 7	13 30	0 20	23 18	0 8	15 27	4 25	20 33	20 18	11 47			n.a.
F 31	23s48	11s 1	2n18	19s27	2n19	16s57	1n45	27n39	4n15	24s10	0s35	19s55	1n 7	13s31	0n20	23s18	0s 8	15s28	4n25	20n34	20n18	11s50			n.a.

Julian Day Number = 1371847.5, Delta T = 06h49m59s
Ecliptic obliquity = 23°48'39, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°17'21, Lahiri = -17°10'21 Julian Calendar 1 Dec. 958 BCE == Greg. Calendar 22 Nov. 958 BCE

The year -957 astronomical counting style corresponds to year 958 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 957 BCE
geocentric

JANUARY 957 BCE (-956) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 2 15	1♑50'45	16♏13	7♐ 6	23♏33	9°R52	8♑ 1	2♐45	6♏20	13♑ 1	26♏56	0♊29	29♉11	6♏10	n.a.	S 1
S 2	6 6 12	2°51'34	28° 7	7°45	24°46	9♋28	8°15	2°51	6°23	13° 3	26°58	0°R30	29° 7	6°16	n.a.	S 2
M 3	6 10 8	3°52'22	10♐10	8°28	25°58	9° 5	8°30	2°58	6°25	13° 5	27° 0	0°30	29° 4	6°23	n.a.	M 3
T 4	6 14 5	4°53'08	22°24	9°14	27°11	8°41	8°44	3° 4	6°27	13° 7	27° 1	0°28	29° 1	6°30	n.a.	T 4
W 5	6 18 1	5°53'54	4♑51	10° 5	28°24	8°17	8°58	3°11	6°30	13°10	27° 3	0°24	28°58	6°36	n.a.	W 5
T 6	6 21 58	6°54'37	17°32	10°59	29°36	7°53	9°13	3°17	6°32	13°12	27° 5	0°18	28°55	6°43	n.a.	T 6
F 7	6 25 54	7°55'19	0♒28	11°55	0♐49	7°29	9°27	3°23	6°34	13°14	27° 7	0°12	28°52	6°50	n.a.	F 7
S 8	6 29 51	8°55'59	13°37	12°55	2° 2	7° 5	9°41	3°29	6°36	13°17	27° 8	0° 5	28°48	6°56	n.a.	S 8
S 9	6 33 48	9°56'38	26°58	13°58	3°14	6°41	9°56	3°36	6°39	13°19	27°10	29♉58	28°45	7° 3	n.a.	S 9
M10	6 37 44	10°57'14	10♓32	15° 2	4°27	6°18	10°10	3°42	6°41	13°21	27°12	29°53	28°42	7°10	n.a.	M10
T 11	6 41 41	11°57'49	24°16	16° 9	5°40	5°54	10°24	3°48	6°43	13°23	27°14	29°50	28°39	7°16	n.a.	T 11
W12	6 45 37	12°58'21	8♈10	17°19	6°53	5°30	10°39	3°54	6°45	13°26	27°15	29°D48	28°36	7°23	n.a.	W12
T 13	6 49 34	13°58'51	22°14	18°30	8° 5	5° 7	10°53	4° 0	6°47	13°28	27°17	29°48	28°32	7°30	n.a.	T 13
F 14	6 53 30	14°59'20	6♉26	19°43	9°18	4°44	11° 7	4° 6	6°49	13°30	27°18	29°50	28°29	7°36	n.a.	F 14
S 15	6 57 27	15°59'46	20°45	20°57	10°31	4°22	11°22	4°11	6°51	13°32	27°20	29°51	28°26	7°43	n.a.	S 15
S 16	7 1 23	17° 0'10	5♊ 8	22°13	11°44	3°59	11°36	4°17	6°52	13°35	27°22	29°R51	28°23	7°49	n.a.	S 16
M17	7 5 20	18° 0'33	19°32	23°31	12°57	3°38	11°50	4°23	6°54	13°37	27°23	29°49	28°20	7°56	n.a.	M17
T 18	7 9 17	19° 0'53	3♋52	24°50	14°10	3°16	12° 5	4°29	6°56	13°39	27°25	29°45	28°17	8° 3	n.a.	T 18
W19	7 13 13	20° 1'11	18° 4	26°11	15°23	2°55	12°19	4°34	6°58	13°42	27°26	29°39	28°13	8° 9	n.a.	W19
T 20	7 17 10	21° 1'28	2♌ 0	27°33	16°36	2°35	12°33	4°40	6°59	13°44	27°27	29°31	28°10	8°16	n.a.	T 20
F 21	7 21 6	22° 1'42	15°38	28°57	17°49	2°15	12°48	4°46	7° 1	13°46	27°29	29°22	28° 7	8°23	n.a.	F 21
S 22	7 25 3	23° 1'55	28°55	0♑21	19° 2	1°55	13° 2	4°51	7° 2	13°48	27°30	29°12	28° 4	8°29	n.a.	S 22
S 23	7 28 59	24° 2'06	11♍50	1°47	20°15	1°37	13°16	4°57	7° 4	13°51	27°32	29° 4	28° 1	8°36	n.a.	S 23
M24	7 32 56	25° 2'15	24°24	3°14	21°28	1°19	13°30	5° 2	7° 5	13°53	27°33	28°58	27°58	8°43	n.a.	M24
T 25	7 36 52	26° 2'22	6♎39	4°42	22°41	1° 1	13°44	5° 7	7° 7	13°55	27°34	28°53	27°54	8°49	n.a.	T 25
W26	7 40 49	27° 2'27	18°41	6°12	23°54	0°44	13°59	5°12	7° 8	13°57	27°36	28°51	27°51	8°56	n.a.	W26
T 27	7 44 46	28° 2'31	0♏33	7°42	25° 7	0°28	14°13	5°18	7° 9	14° 0	27°37	28°D51	27°48	9° 3	n.a.	T 27
F 28	7 48 42	29° 2'33	12°21	9°14	26°20	0°13	14°27	5°23	7°10	14° 2	27°38	28°51	27°45	9° 9	n.a.	F 28
S 29	7 52 39	0♒ 2'33	24°10	10°47	27°33	29♊58	14°41	5°28	7°12	14° 4	27°39	28°R52	27°42	9°16	n.a.	S 29
S 30	7 56 35	1° 2'32	6♐ 7	12°21	28°46	29°44	14°55	5°33	7°13	14° 6	27°41	28°52	27°38	9°23	n.a.	S 30
M31	8 0 32	2♒ 2'29	18♐14	13♑56	29♐59	29♊31	15♑ 9	5♐38	7♏14	14♑ 8	27♏42	28♉50	27♉35	9♏29	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s48	15s43	1n18	19s43	2n 9	17s18	1n43	27n42	4n16	24s 9	0s35	19s57	1n 7	13s32	0n20	23s18	0s 8	15s28	4n25	20n34	20n17	11s53		n.a.
S 2	23 47	19 50	0 13	19 59	1 59	17 38	1 40	27 45	4 18	24 8	0 35	19 58	1 6	13 33	0 20	23 18	0 8	15 29	4 25	20 34	20 16	11 56		n.a.
M 3	23 45	23 11	0s53	20 17	1 48	17 58	1 37	27 48	4 19	24 7	0 36	19 59	1 6	13 33	0 20	23 17	0 8	15 29	4 25	20 34	20 16	11 59		n.a.
T 4	23 43	25 32	1 57	20 34	1 38	18 18	1 35	27 51	4 20	24 7	0 36	20 1	1 6	13 34	0 20	23 17	0 8	15 30	4 25	20 34	20 15	12 2		n.a.
W 5	23 41	26 40	2 56	20 52	1 28	18 37	1 32	27 53	4 21	24 6	0 36	20 2	1 6	13 35	0 20	23 17	0 8	15 30	4 25	20 33	20 14	12 5		n.a.
T 6	23 38	26 25	3 48	21 10	1 17	18 56	1 29	27 56	4 22	24 5	0 36	20 3	1 6	13 36	0 20	23 17	0 8	15 30	4 25	20 32	20 14	12 8		n.a.
F 7	23 34	24 45	4 30	21 28	1 7	19 14	1 26	27 58	4 22	24 4	0 36	20 4	1 6	13 37	0 20	23 17	0 8	15 31	4 25	20 30	20 13	12 11		n.a.
S 8	23 30	21 44	4 57	21 45	0 57	19 32	1 23	28 0	4 23	24 3	0 36	20 5	1 6	13 37	0 20	23 16	0 8	15 31	4 25	20 29	20 12	12 14		n.a.
S 9	23 26	17 32	5 9	22 3	0 47	19 49	1 21	28 2	4 24	24 2	0 36	20 7	1 6	13 38	0 20	23 16	0 8	15 32	4 25	20 28	20 11	12 17		n.a.
M10	23 21	12 25	5 5	22 20	0 38	20 5	1 18	28 3	4 24	24 1	0 36	20 8	1 6	13 39	0 20	23 16	0 8	15 32	4 25	20 26	20 11	12 20		n.a.
T 11	23 16	6 37	4 42	22 37	0 28	20 21	1 15	28 5	4 25	24 0	0 36	20 9	1 6	13 39	0 20	23 16	0 8	15 32	4 25	20 26	20 10	12 23		n.a.
W12	23 10	0 26	4 3	22 53	0 19	20 37	1 12	28 6	4 25	23 59	0 36	20 10	1 6	13 40	0 20	23 16	0 8	15 33	4 25	20 25	20 9	12 26		n.a.
T 13	23 4	5n52	3 9	23 9	0 10	20 52	1 9	28 7	4 25	23 58	0 37	20 11	1 6	13 41	0 20	23 15	0 8	15 33	4 25	20 25	20 9	12 29		n.a.
F 14	22 57	11 56	2 3	23 23	0 1	21 6	1 6	28 8	4 25	23 57	0 37	20 12	1 6	13 41	0 20	23 15	0 8	15 34	4 25	20 26	20 8	12 31		n.a.
S 15	22 50	17 26	0 49	23 38	0s 8	21 20	1 3	28 9	4 25	23 56	0 37	20 14	1 6	13 42	0 20	23 15	0 8	15 34	4 25	20 26	20 7	12 34		n.a.
S 16	22 43	21 57	0n29	23 51	0 16	21 34	1 0	28 10	4 25	23 54	0 37	20 15	1 6	13 43	0 20	23 15	0 8	15 34	4 25	20 26	20 6	12 37		n.a.
M17	22 35	25 7	1 44	24 3	0 24	21 46	0 56	28 10	4 24	23 53	0 37	20 16	1 6	13 43	0 20	23 14	0 8	15 35	4 25	20 26	20 6	12 40		n.a.
T 18	22 26	26 38	2 53	24 15	0 32	21 58	0 53	28 10	4 24	23 52	0 37	20 17	1 6	13 44	0 20	23 14	0 8	15 35	4 25	20 25	20 5	12 43		n.a.
W19	22 17	26 22	3 50	24 25	0 40	22 10	0 50	28 10	4 24	23 51	0 37	20 18	1 6	13 44	0 20	23 14	0 8	15 35	4 25	20 23	20 4	12 46		n.a.
T 20	22 8	24 26	4 32	24 35	0 47	22 20	0 47	28 10	4 23	23 50	0 37	20 19	1 6	13 45	0 20	23 14	0 8	15 36	4 25	20 22	20 4	12 49		n.a.
F 21	21 59	21 7	4 58	24 43	0 54	22 31	0 44	28 10	4 22	23 48	0 37	20 20	1 6	13 45	0 20	23 14	0 8	15 36	4 25	20 20	20 3	12 52		n.a.
S 22	21 49	16 48	5 6	24 50	1 1	22 40	0 41	28 9	4 22	23 47	0 37	20 21	1 6	13 46	0 20	23 13	0 8	15 36	4 25	20 18	20 2	12 55		n.a.
S 23	21 38	11 49	4 59	24 56	1 8	22 49	0 38	28 9	4 21	23 46	0 38	20 22	1 6	13 46	0 20	23 13	0 8	15 36	4 25	20 16	20 1	12 58		n.a.
M24	21 27	6 29	4 37	25 0	1 14	22 57	0 35	28 8	4 20	23 44	0 38	20 23	1 6	13 47	0 20	23 13	0 8	15 37	4 25	20 14	20 1	13 1		n.a.
T 25	21 16	1 1	4 3	25 3	1 20	23 5	0 32	28 7	4 19	23 43	0 38	20 24	1 6	13 47	0 20	23 13	0 8	15 37	4 25	20 13	20 0	13 4		n.a.
W26	21 4	4s23	3 18	25 5	1 26	23 12	0 29	28 7	4 18	23 42	0 38	20 25	1 6	13 48	0 20	23 12	0 8	15 37	4 25	20 13	19 59	13 7		n.a.
T 27	20 52	9 34	2 26	25 6	1 31	23 18	0 25	28 5	4 17	23 40	0 38	20 26	1 6	13 48	0 20	23 12	0 8	15 38	4 25	20 13	19 59	13 10		n.a.
F 28	20 40	14 24	1 27	25 5	1 36	23 23	0 22	28 4	4 16	23 39	0 38	20 26	1 7	13 48	0 20	23 12	0 8	15 38	4 25	20 13	19 58	13 13		n.a.
S 29	20 27	18 42	0 25	25 2	1 40	23 28	0 19	28 3	4 14	23 37	0 38	20 27	1 7	13 49	0 20	23 12	0 8	15 38	4 25	20 13	19 57	13 16		n.a.
S 30	20 14	22 18	0s39	24 58	1 45	23 32	0 16	28 2	4 13	23 36	0 38	20 28	1 7	13 49	0 20	23 12	0 9	15 38	4 25	20 13	19 56	13 19		n.a.
M31	20s 1	24s58	1s42	24s52	1s49	23s36	0n13	28n 0	4n12	23s34	0s39	20s29	1n 7	13s50	0n20	23s11	0s 9	15s39	4n26	20n12	19n56	13s22		n.a.

Julian Day Number = 1371878.5, Delta T = 06h49m57s
Ecliptic obliquity = 23°48'38, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°17'17, Lahiri = -17°10'16 Julian Calendar 1 Jan. 957 BCE == Greg. Calendar 23 Dec. 958 BCE

The year -956 astronomical counting style corresponds to year 957 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 957 BCE
geocentric

FEBRUARY 957 BCE (-956) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 4 28	3♒ 2'23	0♉37	15♉33	1♉12	29°R18	15♉23	5♐43	7♏15	14♉11	27♏43	28°R45	27♌32	9♏36	n.a.	T 1
W 2	8 8 25	4° 2'16	13°18	17°10	2°25	29♊ 6	15°37	5°47	7°16	14°13	27°44	28♌38	27°29	9°43	n.a.	W 2
T 3	8 12 21	5° 2'07	26°17	18°49	3°39	28°55	15°51	5°52	7°17	14°15	27°45	28°29	27°26	9°49	n.a.	T 3
F 4	8 16 18	6° 1'56	9♒35	20°28	4°52	28°45	16° 5	5°57	7°18	14°17	27°46	28°18	27°23	9°56	n.a.	F 4
S 5	8 20 15	7° 1'42	23°10	22° 9	6° 5	28°36	16°19	6° 1	7°18	14°19	27°47	28° 6	27°19	10° 3	n.a.	S 5
S 6	8 24 11	8° 1'27	6♓58	23°51	7°18	28°27	16°33	6° 6	7°19	14°21	27°48	27°55	27°16	10° 9	n.a.	S 6
M 7	8 28 8	9° 1'09	20°55	25°35	8°31	28°20	16°47	6°10	7°20	14°23	27°49	27°45	27°13	10°16	n.a.	M 7
T 8	8 32 4	10° 0'48	4♈59	27°19	9°44	28°13	17° 1	6°15	7°21	14°26	27°50	27°39	27°10	10°23	n.a.	T 8
W 9	8 36 1	11° 0'25	19° 5	29° 5	10°58	28° 7	17°14	6°19	7°21	14°28	27°51	27°34	27° 7	10°29	n.a.	W 9
T 10	8 39 57	12° 0'00	3♉12	0♒52	12°11	28° 1	17°28	6°23	7°22	14°30	27°52	27°33	27° 4	10°36	n.a.	T 10
F 11	8 43 54	12°59'32	17°18	2°40	13°24	27°57	17°42	6°27	7°22	14°32	27°53	27°D33	27° 0	10°42	n.a.	F 11
S 12	8 47 50	13°59'02	1♊23	4°29	14°37	27°53	17°55	6°31	7°23	14°34	27°54	27°R33	26°57	10°49	n.a.	S 12
S 13	8 51 47	14°58'30	15°25	6°20	15°50	27°50	18° 9	6°35	7°23	14°36	27°55	27°32	26°54	10°56	n.a.	S 13
M14	8 55 43	15°57'55	29°24	8°11	17° 4	27°48	18°22	6°39	7°23	14°38	27°55	27°29	26°51	11° 2	n.a.	M14
T 15	8 59 40	16°57'17	13♋17	10° 5	18°17	27°46	18°36	6°43	7°24	14°40	27°56	27°23	26°48	11° 9	n.a.	T 15
W16	9 3 37	17°56'38	27° 2	11°59	19°30	27°D45	18°49	6°47	7°24	14°42	27°57	27°14	26°44	11°16	n.a.	W16
T 17	9 7 33	18°55'56	10♌36	13°55	20°43	27°45	19° 3	6°50	7°24	14°44	27°57	27° 2	26°41	11°22	n.a.	T 17
F 18	9 11 30	19°55'11	23°56	15°51	21°56	27°46	19°16	6°54	7°24	14°46	27°58	26°50	26°38	11°29	n.a.	F 18
S 19	9 15 26	20°54'25	7♍ 0	17°49	23°10	27°48	19°29	6°57	7°24	14°48	27°59	26°37	26°35	11°36	n.a.	S 19
S 20	9 19 23	21°53'36	19°46	19°48	24°23	27°50	19°43	7° 1	7°R24	14°50	27°59	26°25	26°32	11°42	n.a.	S 20
M21	9 23 19	22°52'45	2♎15	21°49	25°36	27°53	19°56	7° 4	7°24	14°52	28° 0	26°15	26°29	11°49	n.a.	M21
T 22	9 27 16	23°51'52	14°29	23°50	26°49	27°56	20° 9	7° 7	7°24	14°53	28° 0	26° 7	26°25	11°56	n.a.	T 22
W23	9 31 12	24°50'57	26°29	25°52	28° 2	28° 0	20°22	7°10	7°24	14°55	28° 1	26° 2	26°22	12° 2	n.a.	W23
T 24	9 35 9	25°50'01	8♏21	27°55	29°16	28° 5	20°35	7°14	7°24	14°57	28° 1	26° 0	26°19	12° 9	n.a.	T 24
F 25	9 39 5	26°49'02	20°10	29°58	0♒29	28°11	20°48	7°17	7°24	14°59	28° 2	25°59	26°16	12°16	n.a.	F 25
S 26	9 43 2	27°48'01	1♐59	2♓ 2	1°42	28°17	21° 1	7°19	7°23	15° 1	28° 2	25°59	26°13	12°22	n.a.	S 26
S 27	9 46 59	28°46'59	13°56	4° 6	2°55	28°24	21°14	7°22	7°23	15° 3	28° 3	25°59	26° 9	12°29	n.a.	S 27
M28	9 50 55	29°45'55	26° 6	6°10	4° 9	28°32	21°27	7°25	7°23	15° 4	28° 3	25°57	26° 6	12°36	n.a.	M28
T 29	9 54 52	0♓44'49	8♉33	8♓13	5♒22	28♊40	21♉39	7♐27	7♏22	15♉ 6	28♏ 3	25♌52	26♌ 3	12♏42	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s47	26s29	2s41	24s45	1s52	23s38	0n10	27n59	4n10	23s33	0s39	20s30	1n 7	13s50	0n20	23s11	0s 9	15s39	4n26	20n11	19n55	13s24		n.a.
W 2	19 33	26 41	3 34	24 36	1 55	23 40	0 7	27 57	4 9	23 31	0 39	20 31	1 7	13 50	0 20	23 11	0 9	15 39	4 26	20 10	19 54	13 27		n.a.
T 3	19 18	25 25	4 16	24 25	1 58	23 42	0 4	27 56	4 7	23 30	0 39	20 32	1 7	13 50	0 20	23 11	0 9	15 39	4 26	20 8	19 53	13 30		n.a.
F 4	19 3	22 43	4 46	24 12	2 0	23 42	0 1	27 54	4 6	23 28	0 39	20 32	1 7	13 51	0 20	23 10	0 9	15 39	4 26	20 5	19 53	13 33		n.a.
S 5	18 48	18 44	5 1	23 58	2 2	23 42	0s 2	27 52	4 4	23 27	0 39	20 33	1 7	13 51	0 20	23 10	0 9	15 40	4 26	20 3	19 52	13 36		n.a.
S 6	18 33	13 42	4 58	23 42	2 4	23 41	0 5	27 51	4 3	23 25	0 39	20 34	1 7	13 51	0 20	23 10	0 9	15 40	4 26	20 0	19 51	13 39		n.a.
M 7	18 17	7 54	4 38	23 24	2 5	23 40	0 8	27 49	4 1	23 23	0 39	20 35	1 7	13 51	0 20	23 10	0 9	15 40	4 26	19 58	19 50	13 42		n.a.
T 8	18 1	1 40	4 1	23 4	2 5	23 37	0 11	27 47	3 59	23 22	0 40	20 35	1 7	13 52	0 20	23 10	0 9	15 40	4 26	19 56	19 50	13 45		n.a.
W 9	17 44	4n41	3 9	22 43	2 6	23 34	0 14	27 45	3 58	23 20	0 40	20 36	1 7	13 52	0 20	23 9	0 9	15 40	4 26	19 55	19 49	13 48		n.a.
T 10	17 28	10 49	2 5	22 19	2 5	23 31	0 16	27 43	3 56	23 19	0 40	20 37	1 7	13 52	0 20	23 9	0 9	15 41	4 26	19 55	19 48	13 51		n.a.
F 11	17 11	16 24	0 54	21 53	2 5	23 26	0 19	27 42	3 54	23 17	0 40	20 38	1 7	13 52	0 20	23 9	0 9	15 41	4 26	19 55	19 48	13 54		n.a.
S 12	16 53	21 5	0n20	21 26	2 3	23 21	0 22	27 40	3 52	23 15	0 40	20 38	1 7	13 52	0 20	23 9	0 9	15 41	4 26	19 55	19 47	13 56		n.a.
S 13	16 36	24 33	1 33	20 57	2 2	23 16	0 25	27 38	3 50	23 13	0 40	20 39	1 7	13 52	0 20	23 8	0 9	15 41	4 26	19 55	19 46	13 59		n.a.
M14	16 18	26 29	2 40	20 25	1 59	23 9	0 27	27 36	3 49	23 12	0 40	20 39	1 7	13 53	0 20	23 8	0 9	15 41	4 26	19 54	19 45	14 2		n.a.
T 15	16 0	26 44	3 37	19 52	1 57	23 2	0 30	27 34	3 47	23 10	0 41	20 40	1 7	13 53	0 20	23 8	0 9	15 41	4 26	19 53	19 45	14 5		n.a.
W16	15 41	25 20	4 20	19 16	1 53	22 54	0 32	27 32	3 45	23 8	0 41	20 41	1 7	13 53	0 20	23 8	0 9	15 41	4 26	19 51	19 44	14 8		n.a.
T 17	15 23	22 28	4 48	18 39	1 49	22 46	0 35	27 30	3 43	23 7	0 41	20 41	1 7	13 53	0 20	23 8	0 9	15 41	4 26	19 48	19 43	14 11		n.a.
F 18	15 4	18 27	5 0	18 0	1 45	22 37	0 38	27 29	3 41	23 5	0 41	20 42	1 7	13 53	0 20	23 7	0 9	15 42	4 26	19 45	19 42	14 14		n.a.
S 19	14 45	13 38	4 55	17 19	1 40	22 27	0 40	27 27	3 39	23 3	0 41	20 42	1 7	13 53	0 20	23 7	0 9	15 42	4 26	19 42	19 42	14 17		n.a.
S 20	14 26	8 20	4 36	16 35	1 34	22 16	0 42	27 25	3 37	23 1	0 41	20 43	1 7	13 53	0 20	23 7	0 9	15 42	4 26	19 39	19 41	14 20		n.a.
M21	14 6	2 48	4 4	15 51	1 28	22 5	0 45	27 23	3 36	22 59	0 42	20 44	1 7	13 53	0 20	23 7	0 9	15 42	4 26	19 37	19 40	14 22		n.a.
T 22	13 46	2s43	3 21	15 4	1 21	21 53	0 47	27 21	3 34	22 58	0 42	20 44	1 7	13 53	0 20	23 7	0 9	15 42	4 26	19 35	19 39	14 25		n.a.
W23	13 26	8 3	2 29	14 15	1 14	21 41	0 49	27 19	3 32	22 56	0 42	20 45	1 7	13 53	0 20	23 6	0 9	15 42	4 26	19 34	19 39	14 28		n.a.
T 24	13 6	13 4	1 32	13 25	1 6	21 28	0 52	27 18	3 30	22 54	0 42	20 45	1 7	13 53	0 20	23 6	0 9	15 42	4 26	19 33	19 38	14 31		n.a.
F 25	12 46	17 34	0 31	12 33	0 58	21 14	0 54	27 16	3 28	22 52	0 42	20 45	1 7	13 53	0 20	23 6	0 9	15 42	4 26	19 33	19 37	14 34		n.a.
S 26	12 25	21 24	0s32	11 40	0 49	21 0	0 56	27 14	3 26	22 50	0 42	20 46	1 7	13 52	0 20	23 6	0 9	15 42	4 26	19 33	19 36	14 37		n.a.
S 27	12 5	24 23	1 34	10 46	0 39	20 45	0 58	27 12	3 24	22 48	0 42	20 46	1 7	13 52	0 20	23 6	0 9	15 42	4 27	19 33	19 36	14 40		n.a.
M28	11 44	26 17	2 32	9 51	0 29	20 29	1 0	27 10	3 22	22 46	0 43	20 47	1 7	13 52	0 20	23 6	0 9	15 42	4 27	19 32	19 35	14 43		n.a.
T 29	11s23	26s56	3s25	8s54	0s19	20s13	1s 2	27n 9	3n20	22s45	0s43	20s47	1n 7	13s52	0n20	23s 5	0s 9	15s42	4n27	19n31	19n34	14s45		n.a.

Julian Day Number = 1371909.5, Delta T = 06h49m56s
Ecliptic obliquity = 23°48'39, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°17'13, Lahiri = -17°10'12 Julian Calendar 1 Feb. 957 BCE == Greg. Calendar 23 Jan. 957 BCE

The year -956 astronomical counting style corresponds to year 957 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 957 BCE
geocentric

MARCH 957 BCE (-956) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 58 48	1♓43'41	21♉20	10♓16	6♒35	28♊48	21♉52	7♐30	7°R22	15♉ 8	28♏ 3	25°R45	26♉ 0	12♏49	n.a.	W 1
T 2	10 2 45	2°42'31	4♒31	12°19	7°49	28°58	22° 5	7°32	7♏21	15° 9	28° 4	25♉36	25°57	12°55	n.a.	T 2
F 3	10 6 41	3°41'19	18° 6	14°20	9° 2	29° 8	22°17	7°35	7°21	15°11	28° 4	25°24	25°54	13° 2	n.a.	F 3
S 4	10 10 38	4°40'05	2♓ 2	16°19	10°15	29°18	22°29	7°37	7°20	15°13	28° 4	25°12	25°50	13° 9	n.a.	S 4
S 5	10 14 34	5°38'48	16°15	18°16	11°28	29°29	22°42	7°39	7°19	15°14	28° 4	25° 1	25°47	13°15	n.a.	S 5
M 6	10 18 31	6°37'30	0♈39	20°11	12°42	29°41	22°54	7°41	7°19	15°16	28° 4	24°51	25°44	13°22	n.a.	M 6
T 7	10 22 28	7°36'09	15° 8	22° 4	13°55	29°53	23° 6	7°43	7°18	15°18	28° 4	24°43	25°41	13°29	n.a.	T 7
W 8	10 26 24	8°34'46	29°36	23°53	15° 8	0♋ 6	23°18	7°45	7°17	15°19	28° 4	24°39	25°38	13°35	n.a.	W 8
T 9	10 30 21	9°33'21	13♉59	25°39	16°22	0°19	23°31	7°47	7°16	15°21	28°R 4	24°37	25°35	13°42	n.a.	T 9
F 10	10 34 17	10°31'53	28°13	27°21	17°35	0°33	23°42	7°49	7°15	15°22	28° 4	24°D37	25°31	13°49	n.a.	F 10
S 11	10 38 14	11°30'24	12♊17	29° 0	18°48	0°47	23°54	7°50	7°14	15°24	28° 4	24°R37	25°28	13°55	n.a.	S 11
S 12	10 42 10	12°28'51	26°11	0♈34	20° 1	1° 2	24° 6	7°52	7°13	15°25	28° 4	24°36	25°25	14° 2	n.a.	S 12
M13	10 46 7	13°27'17	9♋54	2° 5	21°15	1°17	24°18	7°53	7°12	15°26	28° 4	24°34	25°22	14° 9	n.a.	M13
T 14	10 50 3	14°25'40	23°26	3°30	22°28	1°33	24°30	7°54	7°11	15°28	28° 4	24°29	25°19	14°15	n.a.	T 14
W15	10 54 0	15°24'01	6♌47	4°51	23°41	1°49	24°41	7°56	7°10	15°29	28° 4	24°21	25°15	14°22	n.a.	W15
T 16	10 57 56	16°22'20	19°57	6° 7	24°54	2° 5	24°53	7°57	7° 8	15°31	28° 4	24°11	25°12	14°29	n.a.	T 16
F 17	11 1 53	17°20'37	2♍55	7°19	26° 8	2°22	25° 4	7°58	7° 7	15°32	28° 4	24° 0	25° 9	14°35	n.a.	F 17
S 18	11 5 50	18°18'51	15°40	8°25	27°21	2°40	25°15	7°59	7° 6	15°33	28° 3	23°48	25° 6	14°42	n.a.	S 18
S 19	11 9 46	19°17'04	28°11	9°26	28°34	2°58	25°26	7°59	7° 5	15°34	28° 3	23°37	25° 3	14°49	n.a.	S 19
M20	11 13 43	20°15'15	10♎30	10°22	29°48	3°16	25°38	8° 0	7° 3	15°36	28° 3	23°28	25° 0	14°55	n.a.	M20
T 21	11 17 39	21°13'24	22°36	11°12	1♓ 1	3°35	25°49	8° 1	7° 2	15°37	28° 2	23°22	24°56	15° 2	n.a.	T 21
W22	11 21 36	22°11'31	4♏33	11°57	2°14	3°54	25°59	8° 1	7° 0	15°38	28° 2	23°17	24°53	15° 8	n.a.	W22
T 23	11 25 32	23° 9'37	16°23	12°37	3°27	4°13	26°10	8° 2	6°59	15°39	28° 2	23°15	24°50	15°15	n.a.	T 23
F 24	11 29 29	24° 7'41	28°10	13°12	4°41	4°33	26°21	8° 2	6°57	15°40	28° 1	23°D15	24°47	15°22	n.a.	F 24
S 25	11 33 25	25° 5'43	10♐ 0	13°40	5°54	4°53	26°32	8° 2	6°56	15°41	28° 1	23°16	24°44	15°28	n.a.	S 25
S 26	11 37 22	26° 3'45	21°56	14° 4	7° 7	5°14	26°42	8° 2	6°54	15°42	28° 0	23°R17	24°41	15°35	n.a.	S 26
M27	11 41 19	27° 1'44	4♑ 5	14°22	8°21	5°35	26°53	8°R 2	6°52	15°43	28° 0	23°17	24°37	15°42	n.a.	M27
T 28	11 45 15	27°59'42	16°32	14°34	9°34	5°56	27° 3	8° 2	6°51	15°44	27°59	23°15	24°34	15°48	n.a.	T 28
W29	11 49 12	28°57'39	29°21	14°41	10°47	6°18	27°13	8° 2	6°49	15°45	27°59	23°11	24°31	15°55	n.a.	W29
T 30	11 53 8	29°55'34	12♒34	14°R43	12° 1	6°40	27°23	8° 2	6°47	15°46	27°58	23° 5	24°28	16° 2	n.a.	T 30
F 31	11 57 5	0♈53'28	26♒15	14♈40	13♓14	7♋ 2	27♉33	8♐ 2	6♏45	15♉47	27♏57	22♉58	24♉25	16♏ 8	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	11s 1	26s11	4s 9	7s58	0s 8	19s56	1s 4	27n 7	3n19	22s43	0s43	20s48	1n 7	13s52	0n20	23s 5	0s 9	15s42	4n27	19n30	19n33	14s48			n.a.
T 2	10 40	23 58	4 41	7 0	0n 3	19 39	1 6	27 5	3 17	22 41	0 43	20 48	1 7	13 52	0 20	23 5	0 9	15 42	4 27	19 27	19 32	14 51			n.a.
F 3	10 19	20 22	4 58	6 3	0 14	19 21	1 7	27 3	3 15	22 39	0 43	20 48	1 8	13 52	0 20	23 5	0 9	15 42	4 27	19 25	19 32	14 54			n.a.
S 4	9 57	15 33	4 59	5 5	0 26	19 3	1 9	27 2	3 13	22 37	0 44	20 49	1 8	13 51	0 20	23 5	0 9	15 42	4 27	19 22	19 31	14 57			n.a.
S 5	9 35	9 48	4 41	4 8	0 37	18 44	1 11	27 0	3 11	22 35	0 44	20 49	1 8	13 51	0 20	23 4	0 9	15 42	4 27	19 19	19 30	15 0			n.a.
M 6	9 13	3 28	4 5	3 12	0 49	18 25	1 12	26 58	3 9	22 33	0 44	20 49	1 8	13 51	0 20	23 4	0 9	15 42	4 27	19 16	19 29	15 3			n.a.
T 7	8 51	3n 6	3 13	2 16	1 1	18 5	1 14	26 56	3 8	22 31	0 44	20 49	1 8	13 51	0 20	23 4	0 9	15 42	4 27	19 15	19 29	15 5			n.a.
W 8	8 29	9 30	2 8	1 22	1 12	17 45	1 15	26 55	3 6	22 29	0 44	20 50	1 8	13 50	0 20	23 4	0 9	15 42	4 27	19 14	19 28	15 8			n.a.
T 9	8 6	15 23	0 56	0 29	1 24	17 24	1 17	26 53	3 4	22 27	0 44	20 50	1 8	13 50	0 20	23 4	0 9	15 42	4 27	19 13	19 27	15 11			n.a.
F 10	7 44	20 23	0n19	0n23	1 35	17 2	1 18	26 51	3 2	22 26	0 45	20 50	1 8	13 50	0 20	23 4	0 9	15 42	4 27	19 13	19 26	15 14			n.a.
S 11	7 21	24 9	1 32	1 12	1 46	16 40	1 19	26 49	3 1	22 24	0 45	20 50	1 8	13 49	0 20	23 3	0 9	15 42	4 27	19 13	19 26	15 17			n.a.
S 12	6 59	26 24	2 39	2 0	1 56	16 18	1 20	26 47	2 59	22 22	0 45	20 51	1 8	13 49	0 20	23 3	0 9	15 42	4 27	19 13	19 25	15 20			n.a.
M13	6 36	27 1	3 36	2 45	2 6	15 55	1 22	26 45	2 57	22 20	0 45	20 51	1 8	13 49	0 20	23 3	0 9	15 42	4 27	19 12	19 24	15 22			n.a.
T 14	6 13	26 0	4 20	3 28	2 15	15 32	1 23	26 43	2 55	22 18	0 45	20 51	1 8	13 48	0 20	23 3	0 9	15 42	4 27	19 11	19 23	15 25			n.a.
W15	5 50	23 30	4 49	4 9	2 24	15 9	1 24	26 42	2 54	22 16	0 46	20 51	1 8	13 48	0 20	23 3	0 9	15 42	4 27	19 9	19 22	15 28			n.a.
T 16	5 27	19 49	5 2	4 47	2 32	14 45	1 25	26 40	2 52	22 14	0 46	20 51	1 8	13 47	0 20	23 3	0 9	15 42	4 27	19 7	19 22	15 31			n.a.
F 17	5 4	15 13	4 59	5 22	2 39	14 20	1 25	26 38	2 50	22 12	0 46	20 51	1 8	13 47	0 20	23 3	0 9	15 42	4 27	19 4	19 21	15 34			n.a.
S 18	4 41	10 2	4 41	5 54	2 45	13 56	1 26	26 36	2 49	22 10	0 46	20 52	1 8	13 47	0 20	23 3	0 9	15 42	4 27	19 1	19 20	15 36			n.a.
S 19	4 18	4 33	4 10	6 24	2 51	13 30	1 27	26 34	2 47	22 8	0 46	20 52	1 8	13 46	0 20	23 2	0 9	15 42	4 27	18 58	19 19	15 39			n.a.
M20	3 55	1s 3	3 27	6 50	2 55	13 5	1 28	26 31	2 45	22 7	0 47	20 52	1 8	13 46	0 20	23 2	0 9	15 41	4 27	18 56	19 19	15 42			n.a.
T 21	3 32	6 31	2 36	7 14	2 59	12 39	1 28	26 29	2 44	22 5	0 47	20 52	1 8	13 45	0 20	23 2	0 9	15 41	4 27	18 54	19 18	15 45			n.a.
W22	3 9	11 42	1 38	7 34	3 1	12 13	1 29	26 27	2 42	22 3	0 47	20 52	1 8	13 45	0 20	23 2	0 9	15 41	4 27	18 53	19 17	15 48			n.a.
T 23	2 45	16 24	0 37	7 52	3 3	11 47	1 29	26 25	2 40	22 1	0 47	20 52	1 8	13 44	0 20	23 2	0 9	15 41	4 27	18 53	19 16	15 51			n.a.
F 24	2 22	20 29	0s26	8 6	3 3	11 20	1 30	26 23	2 39	21 59	0 47	20 52	1 8	13 44	0 20	23 2	0 9	15 41	4 27	18 52	19 15	15 53			n.a.
S 25	1 59	23 45	1 29	8 16	3 3	10 53	1 30	26 20	2 37	21 57	0 48	20 52	1 8	13 43	0 20	23 2	0 9	15 41	4 27	18 53	19 15	15 56			n.a.
S 26	1 35	26 1	2 28	8 24	3 1	10 25	1 30	26 18	2 36	21 55	0 48	20 52	1 8	13 43	0 20	23 2	0 9	15 41	4 28	18 53	19 14	15 59			n.a.
M27	1 12	27 6	3 21	8 28	2 58	9 58	1 30	26 16	2 34	21 54	0 48	20 52	1 8	13 42	0 20	23 1	0 9	15 41	4 28	18 53	19 13	16 2			n.a.
T 28	0 49	26 51	4 6	8 29	2 54	9 30	1 30	26 13	2 33	21 52	0 48	20 52	1 8	13 41	0 20	23 1	0 9	15 40	4 28	18 52	19 12	16 4			n.a.
W29	0 25	25 11	4 41	8 27	2 48	9 2	1 31	26 10	2 31	21 50	0 48	20 52	1 8	13 41	0 20	23 1	0 9	15 40	4 28	18 51	19 12	16 7			n.a.
T 30	0 2	22 6	5 2	8 22	2 42	8 33	1 30	26 8	2 30	21 48	0 49	20 52	1 9	13 40	0 20	23 1	0 9	15 40	4 28	18 50	19 11	16 10			n.a.
F 31	0n22	17s45	5s 6	8n13	2n34	8s 5	1s30	26n 5	2n28	21s46	0s49	20s52	1n 9	13s40	0n20	23s 1	0s 9	15s40	4n28	18n48	19n10	16s13			n.a.

Julian Day Number = 1371938.5, Delta T = 06h49m54s
Ecliptic obliquity = 23°48'40, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°17'09, Lahiri = -17°10'08 Julian Calendar 1 March 957 BCE == Greg. Calendar 21 Feb. 957 BCE

The year -956 astronomical counting style corresponds to year 957 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 957 BCE
geocentric

APRIL 957 BCE (-956) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 1 1	1♈51'20	10♓21	14°R32	14♓27	7♋25	27♑43	8°R 1	6°R44	15♑48	27°R57	22°R50	24♉21	16♏15	n.a.	S 1
S 2	12 4 58	2°49'10	24°50	14♈19	15°41	7°48	27°53	8♐ 1	6♏42	15°49	27♏56	22♉42	24°18	16°22	n.a.	S 2
M 3	12 8 54	3°46'59	9♈34	14° 2	16°54	8°11	28° 2	8° 0	6°40	15°50	27°55	22°35	24°15	16°28	n.a.	M 3
T 4	12 12 51	4°44'46	24°26	13°41	18° 7	8°34	28°12	7°59	6°38	15°51	27°55	22°30	24°12	16°35	n.a.	T 4
W 5	12 16 47	5°42'32	9♉18	13°16	19°21	8°58	28°21	7°58	6°36	15°51	27°54	22°28	24° 9	16°42	n.a.	W 5
T 6	12 20 44	6°40'16	24° 2	12°48	20°34	9°22	28°31	7°57	6°34	15°52	27°53	22°D27	24° 6	16°48	n.a.	T 6
F 7	12 24 41	7°37'59	8♊33	12°18	21°47	9°47	28°40	7°56	6°32	15°53	27°52	22°28	24° 2	16°55	n.a.	F 7
S 8	12 28 37	8°35'39	22°48	11°45	23° 1	10°11	28°49	7°55	6°30	15°53	27°51	22°29	23°59	17° 1	n.a.	S 8
S 9	12 32 34	9°33'18	6♋45	11°11	24°14	10°36	28°58	7°54	6°28	15°54	27°50	22°R30	23°56	17° 8	n.a.	S 9
M10	12 36 30	10°30'55	20°24	10°36	25°27	11° 2	29° 6	7°53	6°26	15°55	27°50	22°29	23°53	17°15	n.a.	M10
T 11	12 40 27	11°28'31	3♌46	10° 0	26°41	11°27	29°15	7°51	6°23	15°55	27°49	22°27	23°50	17°21	n.a.	T 11
W12	12 44 23	12°26'05	16°52	9°25	27°54	11°53	29°24	7°50	6°21	15°56	27°48	22°23	23°46	17°28	n.a.	W12
T 13	12 48 20	13°23'37	29°43	8°51	29° 7	12°19	29°32	7°48	6°19	15°56	27°47	22°18	23°43	17°35	n.a.	T 13
F 14	12 52 16	14°21'07	12♍22	8°18	0♈21	12°45	29°40	7°47	6°17	15°57	27°46	22°12	23°40	17°41	n.a.	F 14
S 15	12 56 13	15°18'36	24°48	7°48	1°34	13°12	29°48	7°45	6°15	15°57	27°45	22° 5	23°37	17°48	n.a.	S 15
S 16	13 0 10	16°16'04	7♎ 4	7°20	2°47	13°39	29°56	7°43	6°12	15°57	27°44	21°59	23°34	17°55	n.a.	S 16
M17	13 4 6	17°13'30	19°10	6°55	4° 1	14° 5	0♒ 4	7°41	6°10	15°58	27°43	21°54	23°31	18° 1	n.a.	M17
T 18	13 8 3	18°10'56	1♏ 8	6°33	5°14	14°33	0°12	7°39	6° 8	15°58	27°42	21°51	23°27	18° 8	n.a.	T 18
W19	13 11 59	19° 8'20	12°59	6°15	6°27	15° 0	0°19	7°37	6° 5	15°58	27°41	21°49	23°24	18°15	n.a.	W19
T 20	13 15 56	20° 5'43	24°47	6° 1	7°41	15°28	0°27	7°35	6° 3	15°59	27°39	21°D48	23°21	18°21	n.a.	T 20
F 21	13 19 52	21° 3'05	6♐35	5°51	8°54	15°56	0°34	7°33	6° 1	15°59	27°38	21°49	23°18	18°28	n.a.	F 21
S 22	13 23 49	22° 0'26	18°25	5°46	10° 7	16°24	0°41	7°30	5°58	15°59	27°37	21°51	23°15	18°34	n.a.	S 22
S 23	13 27 45	22°57'47	0♑22	5°D44	11°21	16°52	0°48	7°28	5°56	15°59	27°36	21°52	23°12	18°41	n.a.	S 23
M24	13 31 42	23°55'07	12°31	5°48	12°34	17°20	0°55	7°25	5°54	15°59	27°35	21°54	23° 8	18°48	n.a.	M24
T 25	13 35 39	24°52'26	24°57	5°56	13°48	17°49	1° 2	7°23	5°51	16° 0	27°34	21°R54	23° 5	18°54	n.a.	T 25
W26	13 39 35	25°49'44	7♒43	6° 8	15° 1	18°18	1° 8	7°20	5°49	16° 0	27°32	21°54	23° 2	19° 1	n.a.	W26
T 27	13 43 32	26°47'02	20°54	6°25	16°14	18°47	1°15	7°17	5°46	16° 0	27°31	21°52	22°59	19° 8	n.a.	T 27
F 28	13 47 28	27°44'19	4♓31	6°46	17°28	19°16	1°21	7°15	5°44	16°R 0	27°30	21°50	22°56	19°14	n.a.	F 28
S 29	13 51 25	28°41'35	18°36	7°12	18°41	19°46	1°27	7°12	5°42	16° 0	27°29	21°47	22°52	19°21	n.a.	S 29
S 30	13 55 21	29♈38'50	3♈ 7	7♈42	19♈55	20♋15	1♒33	7♐ 9	5♏39	16♑ 0	27♏27	21♉43	22♉49	19♏28	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n45	12s18	4s53	8n 2	2n25	7s36	1s30	26n 2	2n27	21s45	0s49	20s51	1n 9	13s39	0n20	23s 1	0s10	15s40	4n28	18n46	19n 9	16s16		n.a.
S 2	1 8	6 3	4 20	7 47	2 14	7 7	1 30	26 0	2 25	21 43	0 49	20 51	1 9	13 38	0 20	23 1	0 10	15 40	4 28	18 44	19 8	16 18		n.a.
M 3	1 32	0n38	3 30	7 30	2 3	6 38	1 30	25 57	2 24	21 41	0 50	20 51	1 9	13 38	0 20	23 1	0 10	15 39	4 28	18 42	19 8	16 21		n.a.
T 4	1 55	7 22	2 25	7 10	1 50	6 8	1 29	25 54	2 22	21 39	0 50	20 51	1 9	13 37	0 20	23 1	0 10	15 39	4 28	18 41	19 7	16 24		n.a.
W 5	2 18	13 42	1 11	6 48	1 37	5 39	1 29	25 51	2 21	21 38	0 50	20 51	1 9	13 36	0 20	23 1	0 10	15 39	4 28	18 40	19 6	16 27		n.a.
T 6	2 41	19 13	0n 9	6 24	1 22	5 9	1 29	25 47	2 19	21 36	0 50	20 51	1 9	13 36	0 20	23 1	0 10	15 39	4 28	18 40	19 5	16 29		n.a.
F 7	3 4	23 29	1 26	5 57	1 7	4 39	1 28	25 44	2 18	21 34	0 51	20 51	1 9	13 35	0 20	23 1	0 10	15 39	4 28	18 40	19 4	16 32		n.a.
S 8	3 28	26 13	2 37	5 30	0 51	4 9	1 27	25 41	2 16	21 33	0 51	20 50	1 9	13 34	0 20	23 0	0 10	15 38	4 28	18 41	19 4	16 35		n.a.
S 9	3 51	27 15	3 37	5 1	0 35	3 39	1 27	25 37	2 15	21 31	0 51	20 50	1 9	13 34	0 20	23 0	0 10	15 38	4 28	18 41	19 3	16 38		n.a.
M10	4 14	26 34	4 23	4 32	0 18	3 9	1 26	25 34	2 14	21 29	0 51	20 50	1 9	13 33	0 20	23 0	0 10	15 38	4 28	18 41	19 2	16 40		n.a.
T 11	4 36	24 22	4 54	4 2	0 1	2 38	1 25	25 30	2 12	21 28	0 52	20 50	1 9	13 32	0 20	23 0	0 10	15 38	4 28	18 40	19 1	16 43		n.a.
W12	4 59	20 55	5 9	3 33	0s16	2 8	1 24	25 27	2 11	21 26	0 52	20 49	1 9	13 32	0 20	23 0	0 10	15 38	4 28	18 39	19 0	16 46		n.a.
T 13	5 22	16 32	5 8	3 3	0 33	1 38	1 23	25 23	2 10	21 25	0 52	20 49	1 9	13 31	0 20	23 0	0 10	15 37	4 28	18 38	19 0	16 49		n.a.
F 14	5 45	11 30	4 51	2 35	0 50	1 7	1 22	25 19	2 8	21 23	0 52	20 49	1 9	13 30	0 20	23 0	0 10	15 37	4 28	18 36	18 59	16 51		n.a.
S 15	6 7	6 5	4 21	2 8	1 6	0 37	1 21	25 15	2 7	21 22	0 53	20 49	1 9	13 29	0 20	23 0	0 10	15 37	4 28	18 34	18 58	16 54		n.a.
S 16	6 30	0 31	3 40	1 42	1 22	0 6	1 20	25 11	2 6	21 20	0 53	20 48	1 9	13 29	0 20	23 0	0 10	15 37	4 28	18 33	18 57	16 57		n.a.
M17	6 52	5s 1	2 49	1 18	1 37	0n25	1 19	25 7	2 4	21 19	0 53	20 48	1 9	13 28	0 20	23 0	0 10	15 37	4 28	18 31	18 56	17 0		n.a.
T 18	7 14	10 19	1 51	0 56	1 51	0 55	1 18	25 2	2 3	21 17	0 53	20 48	1 9	13 27	0 20	23 0	0 10	15 36	4 28	18 31	18 56	17 2		n.a.
W19	7 36	15 13	0 48	0 37	2 5	1 26	1 17	24 58	2 2	21 16	0 54	20 47	1 9	13 26	0 20	23 0	0 10	15 36	4 28	18 30	18 55	17 5		n.a.
T 20	7 58	19 31	0s16	0 20	2 17	1 56	1 16	24 53	2 0	21 15	0 54	20 47	1 9	13 26	0 20	23 0	0 10	15 36	4 28	18 30	18 54	17 8		n.a.
F 21	8 20	23 4	1 20	0 5	2 29	2 27	1 14	24 49	1 59	21 13	0 54	20 46	1 9	13 25	0 20	23 0	0 10	15 36	4 28	18 30	18 53	17 10		n.a.
S 22	8 42	25 38	2 21	0s 7	2 40	2 57	1 13	24 44	1 58	21 12	0 54	20 46	1 9	13 24	0 20	23 0	0 10	15 35	4 28	18 31	18 52	17 13		n.a.
S 23	9 4	27 5	3 16	0 16	2 49	3 28	1 11	24 39	1 56	21 11	0 55	20 46	1 9	13 23	0 20	23 0	0 10	15 35	4 28	18 31	18 52	17 16		n.a.
M24	9 25	27 15	4 3	0 23	2 58	3 58	1 10	24 34	1 55	21 9	0 55	20 45	1 9	13 22	0 20	23 0	0 10	15 35	4 28	18 31	18 51	17 18		n.a.
T 25	9 47	26 4	4 41	0 26	3 5	4 29	1 8	24 29	1 54	21 8	0 55	20 45	1 9	13 22	0 20	23 0	0 10	15 35	4 28	18 32	18 50	17 21		n.a.
W26	10 8	23 32	5 5	0 27	3 12	4 59	1 7	24 24	1 53	21 7	0 55	20 44	1 9	13 21	0 20	23 0	0 10	15 34	4 28	18 31	18 49	17 24		n.a.
T 27	10 29	19 42	5 15	0 26	3 17	5 29	1 5	24 19	1 51	21 6	0 56	20 44	1 9	13 20	0 20	23 0	0 10	15 34	4 28	18 31	18 48	17 27		n.a.
F 28	10 50	14 45	5 7	0 21	3 22	5 59	1 3	24 13	1 50	21 5	0 56	20 43	1 9	13 19	0 20	23 0	0 10	15 34	4 28	18 30	18 47	17 29		n.a.
S 29	11 11	8 52	4 41	0 14	3 25	6 29	1 2	24 8	1 49	21 4	0 56	20 43	1 9	13 18	0 20	23 0	0 10	15 34	4 27	18 29	18 47	17 32		n.a.
S 30	11n31	2s21	3s57	0s 4	3s28	6n59	1s 0	24n 2	1n48	21s 3	0s57	20s42	1n 9	13s18	0n20	23s 0	0s10	15s33	4n27	18n29	18n46	17s35		n.a.

Julian Day Number = 1371969.5, Delta T = 06h49m53s
Ecliptic obliquity = 23°48'40, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°17'04, Lahiri = -17°10'04 Julian Calendar 1 Apr. 957 BCE == Greg. Calendar 23 March 957 BCE

The year -956 astronomical counting style corresponds to year 957 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 957 BCE
geocentric

MAY 957 BCE (-956) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 59 18	0♉36'05	17♈57	8♈16	21♈ 8	20♋45	1♒39	7°R 6	5°R37	15°R59	27°R26	21°R41	22♉46	19♏34	n.a.	M 1
T 2	14 3 14	1°33'20	3♉ 1	8°54	22°22	21°15	1°44	7♐ 3	5♏34	15♑59	27♏25	21♉39	22°43	19°41	n.a.	T 2
W 3	14 7 11	2°30'33	18° 9	9°36	23°35	21°46	1°49	6°59	5°32	15°59	27°23	21°D39	22°40	19°48	n.a.	W 3
T 4	14 11 8	3°27'46	3♊11	10°22	24°48	22°16	1°55	6°56	5°29	15°59	27°22	21°39	22°37	19°54	n.a.	T 4
F 5	14 15 4	4°24'58	18° 1	11°12	26° 2	22°47	2° 0	6°53	5°27	15°59	27°21	21°40	22°33	20° 1	n.a.	F 5
S 6	14 19 1	5°22'09	2♋31	12° 6	27°15	23°17	2° 5	6°50	5°24	15°58	27°19	21°41	22°30	20° 8	n.a.	S 6
S 7	14 22 57	6°19'20	16°39	13° 4	28°29	23°48	2° 9	6°46	5°22	15°58	27°18	21°42	22°27	20°14	n.a.	S 7
M 8	14 26 54	7°16'29	0♌24	14° 5	29°42	24°19	2°14	6°43	5°19	15°58	27°17	21°42	22°24	20°21	n.a.	M 8
T 9	14 30 50	8°13'38	13°45	15° 9	0♉56	24°50	2°18	6°39	5°17	15°58	27°15	21°R42	22°21	20°27	n.a.	T 9
W10	14 34 47	9°10'45	26°45	16°17	2° 9	25°22	2°23	6°35	5°14	15°57	27°14	21°42	22°18	20°34	n.a.	W10
T 11	14 38 44	10° 7'52	9♍26	17°29	3°23	25°53	2°27	6°32	5°12	15°57	27°12	21°41	22°14	20°41	n.a.	T 11
F 12	14 42 40	11° 4'59	21°52	18°44	4°36	26°25	2°31	6°28	5°10	15°56	27°11	21°40	22°11	20°47	n.a.	F 12
S 13	14 46 37	12° 2'04	4♎ 6	20° 2	5°50	26°57	2°34	6°24	5° 7	15°56	27° 9	21°38	22° 8	20°54	n.a.	S 13
S 14	14 50 33	12°59'09	16° 9	21°23	7° 3	27°29	2°38	6°20	5° 5	15°55	27° 8	21°37	22° 5	21° 1	n.a.	S 14
M15	14 54 30	13°56'14	28° 5	22°48	8°17	28° 1	2°41	6°17	5° 2	15°55	27° 6	21°36	22° 2	21° 7	n.a.	M15
T 16	14 58 26	14°53'18	9♏56	24°16	9°31	28°33	2°44	6°13	5° 0	15°54	27° 5	21°36	21°58	21°14	n.a.	T 16
W17	15 2 23	15°50'22	21°44	25°47	10°44	29° 6	2°47	6° 9	4°57	15°54	27° 3	21°D35	21°55	21°21	n.a.	W17
T 18	15 6 19	16°47'26	3♐32	27°21	11°58	29°38	2°50	6° 5	4°55	15°53	27° 2	21°35	21°52	21°27	n.a.	T 18
F 19	15 10 16	17°44'29	15°21	28°59	13°11	0♌11	2°53	6° 1	4°53	15°52	27° 0	21°36	21°49	21°34	n.a.	F 19
S 20	15 14 13	18°41'33	27°16	0♉39	14°25	0°44	2°55	5°57	4°50	15°52	26°59	21°36	21°46	21°41	n.a.	S 20
S 21	15 18 9	19°38'37	9♑18	2°23	15°38	1°17	2°57	5°53	4°48	15°51	26°57	21°36	21°43	21°47	n.a.	S 21
M22	15 22 6	20°35'41	21°31	4° 9	16°52	1°50	2°59	5°48	4°46	15°50	26°56	21°37	21°39	21°54	n.a.	M22
T 23	15 26 2	21°32'45	3♒58	5°59	18° 6	2°23	3° 1	5°44	4°43	15°50	26°54	21°R37	21°36	22° 0	n.a.	T 23
W24	15 29 59	22°29'49	16°43	7°51	19°19	2°57	3° 3	5°40	4°41	15°49	26°53	21°D37	21°33	22° 7	n.a.	W24
T 25	15 33 55	23°26'53	29°50	9°46	20°33	3°30	3° 4	5°36	4°39	15°48	26°51	21°37	21°30	22°14	n.a.	T 25
F 26	15 37 52	24°23'58	13♓21	11°43	21°47	4° 4	3° 6	5°31	4°36	15°47	26°50	21°37	21°27	22°20	n.a.	F 26
S 27	15 41 49	25°21'03	27°17	13°43	23° 0	4°38	3° 7	5°27	4°34	15°46	26°48	21°37	21°23	22°27	n.a.	S 27
S 28	15 45 45	26°18'08	11♈38	15°44	24°14	5°12	3° 8	5°23	4°32	15°45	26°47	21°37	21°20	22°34	n.a.	S 28
M29	15 49 42	27°15'14	26°22	17°48	25°28	5°46	3° 8	5°19	4°30	15°44	26°45	21°38	21°17	22°40	n.a.	M29
T 30	15 53 38	28°12'20	11♉22	19°53	26°41	6°20	3° 9	5°14	4°27	15°43	26°44	21°38	21°14	22°47	n.a.	T 30
W31	15 57 35	29♉ 9'27	26♉32	22♉ 0	27♉55	6♌54	3♒ 9	5♐10	4♏25	15♑42	26♏42	21°R38	21♉11	22♏54	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11n52	4n27	2s55	0n 8	3s29	7n29	0s58	23n56	1n47	21s 2	0s57	20s42	1n 9	13s17	0n20	23s 0	0s10	15s33	4n27	18n28	18n45	17s37			n.a.
T 2	12 12	11 8	1 41	0 22	3 30	7 58	0 56	23 50	1 45	21 1	0 57	20 41	1 9	13 16	0 20	23 0	0 10	15 33	4 27	18 28	18 44	17 40			n.a.
W 3	12 32	17 11	0 19	0 39	3 30	8 27	0 54	23 44	1 44	21 0	0 57	20 41	1 9	13 15	0 20	23 0	0 10	15 33	4 27	18 27	18 43	17 43			n.a.
T 4	12 52	22 9	1n 3	0 59	3 28	8 57	0 52	23 38	1 43	20 59	0 58	20 40	1 9	13 14	0 20	23 0	0 10	15 32	4 27	18 27	18 43	17 45			n.a.
F 5	13 11	25 36	2 21	1 20	3 27	9 26	0 50	23 32	1 42	20 58	0 58	20 40	1 9	13 13	0 20	23 0	0 10	15 32	4 27	18 28	18 42	17 48			n.a.
S 6	13 31	27 14	3 27	1 44	3 24	9 54	0 48	23 25	1 41	20 57	0 58	20 39	1 9	13 13	0 20	23 0	0 10	15 32	4 27	18 28	18 41	17 51			n.a.
S 7	13 50	27 3	4 19	2 10	3 20	10 23	0 46	23 19	1 40	20 56	0 59	20 39	1 9	13 12	0 20	23 0	0 10	15 32	4 27	18 28	18 40	17 53			n.a.
M 8	14 9	25 11	4 55	2 38	3 16	10 51	0 44	23 12	1 38	20 55	0 59	20 38	1 9	13 11	0 20	23 0	0 10	15 31	4 27	18 28	18 39	17 56			n.a.
T 9	14 28	21 57	5 14	3 8	3 11	11 19	0 42	23 5	1 37	20 55	0 59	20 38	1 9	13 10	0 20	23 1	0 10	15 31	4 27	18 28	18 38	17 59			n.a.
W10	14 47	17 43	5 15	3 39	3 5	11 47	0 40	22 58	1 36	20 54	0 59	20 37	1 9	13 9	0 20	23 1	0 10	15 31	4 27	18 28	18 38	18 1			n.a.
T 11	15 5	12 48	5 2	4 13	2 59	12 15	0 38	22 51	1 35	20 53	1 0	20 36	1 9	13 9	0 20	23 1	0 10	15 31	4 27	18 28	18 37	18 4			n.a.
F 12	15 23	7 27	4 34	4 48	2 52	12 42	0 36	22 44	1 34	20 53	1 0	20 36	1 9	13 8	0 20	23 1	0 10	15 30	4 27	18 28	18 36	18 6			n.a.
S 13	15 41	1 55	3 54	5 25	2 45	13 9	0 33	22 37	1 33	20 52	1 0	20 35	1 9	13 7	0 20	23 1	0 10	15 30	4 27	18 27	18 35	18 9			n.a.
S 14	15 59	3s37	3 4	6 3	2 37	13 35	0 31	22 29	1 32	20 52	1 1	20 34	1 9	13 6	0 20	23 1	0 10	15 30	4 27	18 27	18 34	18 12			n.a.
M15	16 16	8 59	2 7	6 43	2 28	14 2	0 29	22 21	1 31	20 51	1 1	20 34	1 9	13 5	0 20	23 1	0 10	15 29	4 27	18 27	18 33	18 14			n.a.
T 16	16 33	14 0	1 4	7 24	2 19	14 28	0 27	22 14	1 29	20 51	1 1	20 33	1 9	13 4	0 20	23 1	0 10	15 29	4 27	18 27	18 33	18 17			n.a.
W17	16 50	18 30	0s 1	8 6	2 10	14 53	0 24	22 6	1 28	20 50	1 2	20 33	1 9	13 4	0 20	23 1	0 10	15 29	4 27	18 27	18 32	18 20			n.a.
T 18	17 7	22 16	1 6	8 50	2 0	15 19	0 22	21 58	1 27	20 50	1 2	20 32	1 9	13 3	0 20	23 1	0 10	15 29	4 26	18 27	18 31	18 22			n.a.
F 19	17 23	25 7	2 8	9 35	1 49	15 43	0 20	21 50	1 26	20 50	1 2	20 31	1 9	13 2	0 20	23 1	0 10	15 28	4 26	18 27	18 30	18 25			n.a.
S 20	17 39	26 52	3 6	10 20	1 39	16 8	0 18	21 41	1 25	20 49	1 3	20 31	1 9	13 1	0 20	23 1	0 10	15 28	4 26	18 27	18 29	18 27			n.a.
S 21	17 55	27 23	3 55	11 7	1 28	16 32	0 15	21 33	1 24	20 49	1 3	20 30	1 8	13 0	0 20	23 2	0 10	15 28	4 26	18 27	18 28	18 30			n.a.
M22	18 11	26 35	4 35	11 54	1 17	16 56	0 13	21 24	1 23	20 49	1 3	20 29	1 8	13 0	0 20	23 2	0 10	15 28	4 26	18 27	18 28	18 33			n.a.
T 23	18 26	24 27	5 3	12 42	1 5	17 19	0 11	21 16	1 22	20 49	1 3	20 28	1 8	12 59	0 20	23 2	0 10	15 27	4 26	18 27	18 27	18 35			n.a.
W24	18 41	21 5	5 17	13 30	0 54	17 42	0 8	21 7	1 21	20 49	1 4	20 28	1 8	12 58	0 20	23 2	0 10	15 27	4 26	18 27	18 26	18 38			n.a.
T 25	18 55	16 36	5 14	14 18	0 42	18 4	0 6	20 58	1 20	20 49	1 4	20 27	1 8	12 57	0 20	23 2	0 10	15 27	4 26	18 27	18 25	18 40			n.a.
F 26	19 10	11 10	4 55	15 6	0 31	18 26	0 3	20 49	1 19	20 49	1 4	20 26	1 8	12 57	0 20	23 2	0 11	15 27	4 26	18 27	18 24	18 43			n.a.
S 27	19 24	5 2	4 18	15 53	0 19	18 48	0 1	20 40	1 18	20 49	1 5	20 26	1 8	12 56	0 20	23 2	0 11	15 26	4 26	18 27	18 23	18 46			n.a.
S 28	19 38	1n33	3 24	16 41	0 8	19 9	0n 1	20 30	1 17	20 49	1 5	20 25	1 8	12 55	0 20	23 2	0 11	15 26	4 26	18 27	18 23	18 48			n.a.
M29	19 51	8 13	2 16	17 27	0n 3	19 29	0 4	20 21	1 16	20 49	1 5	20 24	1 8	12 54	0 20	23 2	0 11	15 26	4 25	18 27	18 22	18 51			n.a.
T 30	20 4	14 35	0 57	18 13	0 14	19 49	0 6	20 11	1 15	20 49	1 6	20 24	1 8	12 54	0 20	23 3	0 11	15 26	4 25	18 27	18 21	18 53			n.a.
W31	20n17	20n 7	0n27	18n57	0n25	20n 8	0n 8	20n 1	1n14	20s49	1s 6	20s23	1n 8	12s53	0n20	23s 3	0s11	15s25	4n25	18n27	18n20	18s56			n.a.

Julian Day Number = 1371999.5, Delta T = 06h49m51s
Ecliptic obliquity = 23°48'40, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°17'00, Lahiri = -17°10'00 Julian Calendar 1 May 957 BCE == Greg. Calendar 22 Apr. 957 BCE

The year -956 astronomical counting style corresponds to year 957 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 957 BCE
geocentric

JUNE 957 BCE (-956) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 1 31	0♊ 6'33	11♊41	24♉ 8	29♉ 9	7♌29	3°R 9	5°R 5	4°R23	15°R41	26°R41	21°R38	21♉ 8	23♏ 0	n.a.	T 1
F 2	16 5 28	1° 3'40	26°41	26°16	0♊23	8° 3	3♒ 9	5♐ 1	4♏21	15♑40	26♏39	21♉37	21° 4	23° 7	n.a.	F 2
S 3	16 9 24	2° 0'48	11♋24	28°26	1°36	8°38	3° 9	4°57	4°19	15°39	26°38	21°36	21° 1	23°14	n.a.	S 3
S 4	16 13 21	2°57'55	25°44	0♊35	2°50	9°13	3° 8	4°52	4°17	15°38	26°36	21°35	20°58	23°20	n.a.	S 4
M 5	16 17 18	3°55'03	9♌37	2°44	4° 4	9°48	3° 8	4°48	4°15	15°37	26°35	21°34	20°55	23°27	n.a.	M 5
T 6	16 21 14	4°52'10	23° 4	4°53	5°18	10°23	3° 7	4°43	4°13	15°36	26°33	21°33	20°52	23°34	n.a.	T 6
W 7	16 25 11	5°49'18	6♍ 5	7° 2	6°32	10°58	3° 6	4°39	4°11	15°35	26°32	21°D32	20°49	23°40	n.a.	W 7
T 8	16 29 7	6°46'26	18°44	9° 9	7°46	11°33	3° 5	4°35	4° 9	15°34	26°30	21°33	20°45	23°47	n.a.	T 8
F 9	16 33 4	7°43'34	1♎ 5	11°16	8°59	12° 8	3° 3	4°30	4° 7	15°33	26°29	21°34	20°42	23°53	n.a.	F 9
S 10	16 37 0	8°40'42	13°11	13°21	10°13	12°44	3° 2	4°26	4° 5	15°31	26°27	21°35	20°39	24° 0	n.a.	S 10
S 11	16 40 57	9°37'51	25° 7	15°26	11°27	13°20	3° 0	4°21	4° 3	15°30	26°26	21°36	20°36	24° 7	n.a.	S 11
M12	16 44 53	10°35'00	6♏57	17°28	12°41	13°55	2°58	4°17	4° 1	15°29	26°24	21°38	20°33	24°13	n.a.	M12
T 13	16 48 50	11°32'09	18°45	19°30	13°55	14°31	2°56	4°13	4° 0	15°28	26°23	21°R38	20°29	24°20	n.a.	T 13
W14	16 52 47	12°29'20	0♐33	21°30	15° 9	15° 7	2°53	4° 8	3°58	15°26	26°21	21°38	20°26	24°27	n.a.	W14
T 15	16 56 43	13°26'31	12°24	23°28	16°23	15°43	2°51	4° 4	3°56	15°25	26°20	21°37	20°23	24°33	n.a.	T 15
F 16	17 0 40	14°23'43	24°20	25°25	17°36	16°19	2°48	4° 0	3°54	15°24	26°19	21°34	20°20	24°40	n.a.	F 16
S 17	17 4 36	15°20'55	6♑23	27°20	18°50	16°55	2°45	3°55	3°53	15°22	26°17	21°31	20°17	24°47	n.a.	S 17
S 18	17 8 33	16°18'09	18°35	29°13	20° 4	17°32	2°42	3°51	3°51	15°21	26°16	21°27	20°14	24°53	n.a.	S 18
M19	17 12 29	17°15'23	0♒58	1♋ 5	21°18	18° 8	2°39	3°47	3°50	15°20	26°14	21°23	20°10	25° 0	n.a.	M19
T 20	17 16 26	18°12'39	13°33	2°55	22°32	18°45	2°35	3°43	3°48	15°18	26°13	21°19	20° 7	25° 7	n.a.	T 20
W21	17 20 23	19° 9'55	26°24	4°43	23°46	19°21	2°31	3°38	3°47	15°17	26°12	21°17	20° 4	25°13	n.a.	W21
T 22	17 24 19	20° 7'13	9♓31	6°29	25° 0	19°58	2°28	3°34	3°45	15°15	26°10	21°15	20° 1	25°20	n.a.	T 22
F 23	17 28 16	21° 4'32	22°57	8°14	26°14	20°35	2°23	3°30	3°44	15°14	26° 9	21°D14	19°58	25°27	n.a.	F 23
S 24	17 32 12	22° 1'52	6♈44	9°57	27°28	21°12	2°19	3°26	3°42	15°12	26° 7	21°15	19°55	25°33	n.a.	S 24
S 25	17 36 9	22°59'14	20°52	11°39	28°42	21°49	2°15	3°22	3°41	15°11	26° 6	21°16	19°51	25°40	n.a.	S 25
M26	17 40 5	23°56'37	5♉20	13°19	29°56	22°26	2°10	3°18	3°40	15° 9	26° 5	21°18	19°48	25°46	n.a.	M26
T 27	17 44 2	24°54'01	20° 5	14°57	1♋10	23° 3	2° 6	3°14	3°39	15° 8	26° 4	21°R18	19°45	25°53	n.a.	T 27
W28	17 47 58	25°51'27	5♊ 2	16°33	2°25	23°41	2° 1	3°10	3°37	15° 6	26° 2	21°18	19°42	26° 0	n.a.	W28
T 29	17 51 55	26°48'54	20° 3	18° 8	3°39	24°18	1°56	3° 6	3°36	15° 5	26° 1	21°16	19°39	26° 6	n.a.	T 29
F 30	17 55 52	27♊46'22	5♋ 1	19♋41	4♋53	24♌56	1♒51	3♐ 3	3♏35	15♑ 3	26♏ 0	21♉12	19♉35	26♏13	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n29	24n20	1n49	19n39	0n35	20n27	0n11	19n51	1n13	20s50	1s 6	20s22	1n 8	12s52	0n20	23s 3	0s11	15s25	4n25	18n27	18n19	18s58		n.a.
F 2	20 41	26 49	3 3	20 20	0 44	20 46	0 13	19 41	1 12	20 50	1 7	20 21	1 8	12 51	0 20	23 3	0 11	15 25	4 25	18 27	18 18	19 1		n.a.
S 3	20 53	27 20	4 2	20 59	0 54	21 3	0 15	19 31	1 11	20 50	1 7	20 21	1 8	12 51	0 20	23 3	0 11	15 25	4 25	18 27	18 17	19 4		n.a.
S 4	21 5	26 0	4 45	21 36	1 2	21 20	0 18	19 21	1 10	20 51	1 7	20 20	1 8	12 50	0 20	23 3	0 11	15 24	4 25	18 26	18 17	19 6		n.a.
M 5	21 16	23 5	5 10	22 11	1 10	21 37	0 20	19 10	1 9	20 51	1 8	20 19	1 8	12 49	0 20	23 3	0 11	15 24	4 25	18 26	18 16	19 9		n.a.
T 6	21 26	19 1	5 17	22 43	1 17	21 53	0 22	19 0	1 8	20 52	1 8	20 18	1 7	12 49	0 20	23 4	0 11	15 24	4 25	18 26	18 15	19 11		n.a.
W 7	21 37	14 9	5 7	23 12	1 24	22 8	0 25	18 49	1 7	20 52	1 8	20 18	1 7	12 48	0 20	23 4	0 11	15 24	4 24	18 26	18 14	19 14		n.a.
T 8	21 47	8 50	4 42	23 39	1 30	22 23	0 27	18 38	1 6	20 53	1 9	20 17	1 7	12 47	0 20	23 4	0 11	15 23	4 24	18 26	18 13	19 16		n.a.
F 9	21 56	3 18	4 5	24 3	1 35	22 37	0 29	18 27	1 5	20 54	1 9	20 16	1 7	12 47	0 20	23 4	0 11	15 23	4 24	18 26	18 12	19 19		n.a.
S 10	22 5	2s16	3 17	24 24	1 40	22 51	0 31	18 16	1 4	20 54	1 9	20 16	1 7	12 46	0 20	23 4	0 11	15 23	4 24	18 26	18 11	19 21		n.a.
S 11	22 14	7 41	2 21	24 43	1 44	23 3	0 34	18 5	1 3	20 55	1 9	20 15	1 7	12 45	0 20	23 4	0 11	15 23	4 24	18 27	18 11	19 24		n.a.
M12	22 23	12 47	1 20	24 59	1 47	23 16	0 36	17 53	1 2	20 56	1 10	20 14	1 7	12 45	0 20	23 5	0 11	15 23	4 24	18 27	18 10	19 26		n.a.
T 13	22 31	17 25	0 16	25 12	1 49	23 27	0 38	17 42	1 1	20 57	1 10	20 13	1 7	12 44	0 20	23 5	0 11	15 22	4 24	18 27	18 9	19 29		n.a.
W14	22 39	21 23	0s49	25 23	1 51	23 38	0 40	17 30	1 0	20 57	1 10	20 13	1 7	12 44	0 20	23 5	0 11	15 22	4 23	18 27	18 8	19 31		n.a.
T 15	22 46	24 29	1 52	25 31	1 52	23 48	0 42	17 18	0 59	20 58	1 11	20 12	1 7	12 43	0 20	23 5	0 11	15 22	4 23	18 27	18 7	19 34		n.a.
F 16	22 53	26 32	2 50	25 36	1 53	23 57	0 44	17 7	0 58	20 59	1 11	20 11	1 6	12 43	0 20	23 5	0 11	15 22	4 23	18 26	18 6	19 36		n.a.
S 17	22 59	27 21	3 42	25 40	1 53	24 6	0 46	16 55	0 57	21 0	1 11	20 10	1 6	12 42	0 20	23 5	0 11	15 22	4 23	18 25	18 5	19 39		n.a.
S 18	23 6	26 51	4 24	25 40	1 52	24 14	0 48	16 42	0 56	21 1	1 12	20 10	1 6	12 42	0 19	23 6	0 11	15 21	4 23	18 24	18 5	19 41		n.a.
M19	23 11	25 2	4 54	25 39	1 50	24 21	0 50	16 30	0 55	21 2	1 12	20 9	1 6	12 41	0 19	23 6	0 11	15 21	4 23	18 23	18 4	19 44		n.a.
T 20	23 17	21 58	5 11	25 35	1 49	24 28	0 52	16 18	0 54	21 4	1 12	20 8	1 6	12 40	0 19	23 6	0 11	15 21	4 23	18 22	18 3	19 46		n.a.
W21	23 22	17 47	5 12	25 30	1 46	24 34	0 54	16 5	0 53	21 5	1 13	20 8	1 6	12 40	0 19	23 6	0 11	15 21	4 22	18 22	18 2	19 49		n.a.
T 22	23 26	12 42	4 58	25 22	1 43	24 39	0 56	15 53	0 52	21 6	1 13	20 7	1 6	12 40	0 19	23 6	0 11	15 21	4 22	18 21	18 1	19 51		n.a.
F 23	23 30	6 55	4 27	25 13	1 40	24 43	0 58	15 40	0 51	21 7	1 13	20 6	1 6	12 39	0 19	23 6	0 11	15 21	4 22	18 21	18 0	19 54		n.a.
S 24	23 34	0 39	3 40	25 1	1 36	24 46	0 59	15 27	0 50	21 8	1 13	20 6	1 6	12 39	0 19	23 7	0 11	15 21	4 22	18 21	17 59	19 56		n.a.
S 25	23 37	5n49	2 39	24 49	1 31	24 49	1 1	15 14	0 49	21 10	1 14	20 5	1 5	12 38	0 19	23 7	0 11	15 20	4 22	18 22	17 59	19 59		n.a.
M26	23 40	12 9	1 26	24 34	1 27	24 51	1 3	15 1	0 48	21 11	1 14	20 4	1 5	12 38	0 19	23 7	0 11	15 20	4 22	18 22	17 58	20 1		n.a.
T 27	23 43	17 56	0 7	24 18	1 21	24 53	1 4	14 47	0 48	21 12	1 14	20 4	1 5	12 37	0 19	23 7	0 11	15 20	4 21	18 22	17 57	20 4		n.a.
W28	23 45	22 41	1n14	24 1	1 16	24 53	1 6	14 34	0 47	21 14	1 15	20 3	1 5	12 37	0 19	23 7	0 11	15 20	4 21	18 22	17 56	20 6		n.a.
T 29	23 46	25 56	2 30	23 43	1 10	24 53	1 7	14 21	0 46	21 15	1 15	20 3	1 5	12 37	0 19	23 8	0 11	15 20	4 21	18 21	17 55	20 9		n.a.
F 30	23n48	27n18	3n36	23n23	1n 3	24n52	1n 9	14n 7	0n45	21s17	1s15	20s 2	1n 5	12s36	0n19	23s 8	0s11	15s20	4n21	18n20	17n54	20s11		n.a.

Julian Day Number = 1372030.5, Delta T = 06h49m50s
Ecliptic obliquity = 23°48'39, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°16'56, Lahiri = -17°09'56 Julian Calendar 1 June 957 BCE == Greg. Calendar 23 May 957 BCE

The year -956 astronomical counting style corresponds to year 957 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 957 BCE
geocentric

JULY 957 BCE (-956) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 59 48	28♊43'51	19♋45	21♋13	6♋ 7	25♌33	1°R45	2°R59	3°R34	15°R 2	25°R59	21°R 7	19♉32	26♏20	n.a.	S 1
S 2	18 3 45	29°41'22	4♌10	22°43	7°21	26°11	1♒40	2♐55	3♏33	15♑ 0	25♏57	21♉ 1	19°29	26°26	n.a.	S 2
M 3	18 7 41	0♋38'54	18° 9	24°11	8°35	26°49	1°34	2°51	3°32	14°59	25°56	20°55	19°26	26°33	n.a.	M 3
T 4	18 11 38	1°36'26	1♍41	25°37	9°49	27°27	1°28	2°48	3°31	14°57	25°55	20°50	19°23	26°40	n.a.	T 4
W 5	18 15 34	2°34'00	14°46	27° 2	11° 3	28° 5	1°22	2°44	3°30	14°56	25°54	20°47	19°20	26°46	n.a.	W 5
T 6	18 19 31	3°31'34	27°26	28°25	12°18	28°43	1°16	2°41	3°29	14°54	25°53	20°46	19°16	26°53	n.a.	T 6
F 7	18 23 28	4°29'10	9♎46	29°46	13°32	29°21	1°10	2°37	3°29	14°52	25°52	20°D46	19°13	27° 0	n.a.	F 7
S 8	18 27 24	5°26'47	21°51	1♌ 6	14°46	29°59	1° 4	2°34	3°28	14°51	25°51	20°47	19°10	27° 6	n.a.	S 8
S 9	18 31 21	6°24'25	3♏45	2°23	16° 0	0♍38	0°57	2°31	3°27	14°49	25°49	20°48	19° 7	27°13	n.a.	S 9
M10	18 35 17	7°22'04	15°33	3°39	17°14	1°16	0°51	2°28	3°27	14°47	25°48	20°R49	19° 4	27°20	n.a.	M10
T 11	18 39 14	8°19'45	27°20	4°52	18°29	1°55	0°44	2°24	3°26	14°46	25°47	20°49	19° 1	27°26	n.a.	T 11
W12	18 43 10	9°17'27	9♐11	6° 4	19°43	2°34	0°37	2°21	3°25	14°44	25°46	20°47	18°57	27°33	n.a.	W12
T 13	18 47 7	10°15'10	21° 7	7°13	20°57	3°12	0°30	2°18	3°25	14°43	25°45	20°43	18°54	27°39	n.a.	T 13
F 14	18 51 3	11°12'55	3♑12	8°20	22°11	3°51	0°23	2°15	3°24	14°41	25°44	20°37	18°51	27°46	n.a.	F 14
S 15	18 55 0	12°10'42	15°28	9°25	23°25	4°30	0°16	2°12	3°24	14°39	25°44	20°29	18°48	27°53	n.a.	S 15
S 16	18 58 57	13° 8'30	27°55	10°27	24°40	5° 9	0° 9	2°10	3°24	14°38	25°43	20°20	18°45	27°59	n.a.	S 16
M17	19 2 53	14° 6'20	10♒34	11°27	25°54	5°48	0° 2	2° 7	3°23	14°36	25°42	20°10	18°41	28° 6	n.a.	M17
T 18	19 6 50	15° 4'11	23°26	12°24	27° 8	6°27	29♑54	2° 4	3°23	14°34	25°41	20° 1	18°38	28°13	n.a.	T 18
W19	19 10 46	16° 2'04	6♓30	13°18	28°22	7° 7	29°47	2° 2	3°23	14°33	25°40	19°54	18°35	28°19	n.a.	W19
T 20	19 14 43	16°59'59	19°47	14° 9	29°37	7°46	29°39	1°59	3°23	14°31	25°39	19°48	18°32	28°26	n.a.	T 20
F 21	19 18 39	17°57'57	3♈16	14°57	0♌51	8°25	29°32	1°57	3°23	14°30	25°38	19°45	18°29	28°33	n.a.	F 21
S 22	19 22 36	18°55'56	17° 0	15°42	2° 5	9° 5	29°24	1°55	3°D23	14°28	25°38	19°D44	18°26	28°39	n.a.	S 22
S 23	19 26 32	19°53'57	0♉58	16°23	3°19	9°45	29°16	1°52	3°23	14°26	25°37	19°45	18°22	28°46	n.a.	S 23
M24	19 30 29	20°52'00	15°11	17° 0	4°34	10°24	29° 9	1°50	3°23	14°25	25°36	19°R45	18°19	28°53	n.a.	M24
T 25	19 34 26	21°50'06	29°36	17°33	5°48	11° 4	29° 1	1°48	3°23	14°23	25°36	19°45	18°16	28°59	n.a.	T 25
W26	19 38 22	22°48'14	14♊12	18° 2	7° 2	11°44	28°53	1°46	3°23	14°21	25°35	19°43	18°13	29° 6	n.a.	W26
T 27	19 42 19	23°46'23	28°53	18°26	8°17	12°24	28°45	1°44	3°23	14°20	25°34	19°38	18°10	29°13	n.a.	T 27
F 28	19 46 15	24°44'35	13♋33	18°45	9°31	13° 4	28°37	1°42	3°24	14°18	25°34	19°31	18° 7	29°19	n.a.	F 28
S 29	19 50 12	25°42'49	28° 5	18°59	10°45	13°44	28°29	1°41	3°24	14°17	25°33	19°21	18° 3	29°26	n.a.	S 29
S 30	19 54 8	26°41'05	12♌21	19° 8	12° 0	14°24	28°21	1°39	3°24	14°15	25°33	19°11	18° 0	29°33	n.a.	S 30
M31	19 58 5	27♋39'22	26♌17	19°R11	13♌14	15♍ 5	28♑13	1♐38	3♏25	14♑13	25♏32	19♉ 0	17♉57	29♏39	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	26n43	4n26	23n 2	0n56	24n50	1n10	13n53	0n44	21s18	1s15	20s 1	1n 5	12s36	0n19	23s 8	0s11	15s20	4n21	18n19	17n53	20s14		n.a.
S 2	23 49	24 19	4 57	22 40	0 49	24 48	1 12	13 39	0 43	21 20	1 16	20 1	1 5	12 36	0 19	23 8	0 11	15 20	4 21	18 17	17 52	20 16		n.a.
M 3	23 49	20 32	5 10	22 18	0 42	24 45	1 13	13 25	0 42	21 21	1 16	20 0	1 4	12 35	0 19	23 8	0 11	15 19	4 20	18 16	17 52	20 18		n.a.
T 4	23 48	15 46	5 5	21 54	0 34	24 41	1 14	13 11	0 41	21 23	1 16	20 0	1 4	12 35	0 19	23 9	0 11	15 19	4 20	18 15	17 51	20 21		n.a.
W 5	23 47	10 27	4 44	21 30	0 26	24 36	1 16	12 57	0 40	21 24	1 16	19 59	1 4	12 35	0 19	23 9	0 11	15 19	4 20	18 14	17 50	20 23		n.a.
T 6	23 46	4 50	4 9	21 5	0 18	24 30	1 17	12 43	0 39	21 26	1 17	19 58	1 4	12 34	0 19	23 9	0 11	15 19	4 20	18 13	17 49	20 26		n.a.
F 7	23 44	0s48	3 24	20 40	0 9	24 24	1 18	12 29	0 38	21 28	1 17	19 58	1 4	12 34	0 19	23 9	0 11	15 19	4 20	18 13	17 48	20 28		n.a.
S 8	23 42	6 19	2 31	20 14	0 0	24 17	1 19	12 14	0 38	21 29	1 17	19 57	1 4	12 34	0 19	23 9	0 11	15 19	4 19	18 14	17 47	20 30		n.a.
S 9	23 39	11 32	1 31	19 47	0s 9	24 9	1 20	11 59	0 37	21 31	1 17	19 57	1 4	12 34	0 19	23 10	0 11	15 19	4 19	18 14	17 46	20 33		n.a.
M10	23 36	16 18	0 29	19 21	0 18	24 1	1 21	11 45	0 36	21 33	1 18	19 56	1 3	12 33	0 19	23 10	0 11	15 19	4 19	18 14	17 45	20 35		n.a.
T 11	23 33	20 26	0s35	18 54	0 28	23 52	1 22	11 30	0 35	21 34	1 18	19 56	1 3	12 33	0 19	23 10	0 11	15 19	4 19	18 14	17 45	20 38		n.a.
W12	23 29	23 46	1 38	18 27	0 37	23 42	1 23	11 15	0 34	21 36	1 18	19 55	1 3	12 33	0 19	23 10	0 11	15 19	4 19	18 14	17 44	20 40		n.a.
T 13	23 24	26 6	2 36	18 0	0 47	23 31	1 23	11 0	0 33	21 38	1 18	19 55	1 3	12 33	0 19	23 10	0 11	15 19	4 18	18 13	17 43	20 42		n.a.
F 14	23 20	27 14	3 28	17 33	0 57	23 20	1 24	10 45	0 32	21 39	1 19	19 55	1 3	12 33	0 19	23 10	0 11	15 19	4 18	18 11	17 42	20 45		n.a.
S 15	23 15	27 3	4 11	17 6	1 7	23 8	1 25	10 30	0 31	21 41	1 19	19 54	1 3	12 33	0 19	23 11	0 11	15 19	4 18	18 9	17 41	20 47		n.a.
S 16	23 9	25 31	4 43	16 39	1 18	22 55	1 25	10 14	0 31	21 43	1 19	19 54	1 2	12 33	0 19	23 11	0 11	15 19	4 18	18 6	17 40	20 50		n.a.
M17	23 3	22 41	5 1	16 12	1 28	22 42	1 26	9 59	0 30	21 45	1 19	19 53	1 2	12 33	0 19	23 11	0 11	15 19	4 18	18 4	17 39	20 52		n.a.
T 18	22 57	18 42	5 5	15 46	1 39	22 28	1 26	9 44	0 29	21 47	1 19	19 53	1 2	12 33	0 19	23 11	0 11	15 19	4 17	18 1	17 38	20 54		n.a.
W19	22 50	13 47	4 53	15 21	1 49	22 13	1 26	9 28	0 28	21 48	1 20	19 53	1 2	12 33	0 19	23 11	0 11	15 19	4 17	17 59	17 37	20 57		n.a.
T 20	22 43	8 10	4 25	14 56	2 0	21 58	1 27	9 12	0 27	21 50	1 20	19 52	1 2	12 32	0 19	23 12	0 11	15 19	4 17	17 58	17 37	20 59		n.a.
F 21	22 35	2 4	3 42	14 32	2 10	21 42	1 27	8 57	0 26	21 52	1 20	19 52	1 2	12 32	0 19	23 12	0 11	15 19	4 17	17 57	17 36	21 1		n.a.
S 22	22 27	4n14	2 46	14 9	2 21	21 25	1 27	8 41	0 25	21 54	1 20	19 52	1 2	12 32	0 19	23 12	0 11	15 19	4 17	17 57	17 35	21 4		n.a.
S 23	22 19	10 27	1 39	13 46	2 31	21 8	1 27	8 25	0 25	21 56	1 20	19 51	1 1	12 33	0 19	23 12	0 11	15 19	4 16	17 57	17 34	21 6		n.a.
M24	22 10	16 15	0 24	13 25	2 41	20 50	1 27	8 9	0 24	21 57	1 20	19 51	1 1	12 33	0 19	23 12	0 11	15 19	4 16	17 57	17 33	21 8		n.a.
T 25	22 1	21 14	0n52	13 5	2 52	20 31	1 27	7 53	0 23	21 59	1 21	19 51	1 1	12 33	0 19	23 13	0 11	15 19	4 16	17 57	17 32	21 11		n.a.
W26	21 51	24 57	2 7	12 47	3 2	20 12	1 27	7 36	0 22	22 1	1 21	19 51	1 1	12 33	0 19	23 13	0 11	15 19	4 16	17 56	17 31	21 13		n.a.
T 27	21 41	27 1	3 13	12 31	3 11	19 53	1 27	7 20	0 21	22 3	1 21	19 50	1 1	12 33	0 19	23 13	0 11	15 19	4 15	17 55	17 30	21 15		n.a.
F 28	21 31	27 11	4 6	12 16	3 21	19 32	1 27	7 4	0 20	22 5	1 21	19 50	1 1	12 33	0 19	23 13	0 11	15 19	4 15	17 53	17 29	21 18		n.a.
S 29	21 20	25 28	4 42	12 3	3 29	19 12	1 27	6 47	0 19	22 6	1 21	19 50	1 0	12 33	0 19	23 13	0 11	15 19	4 15	17 50	17 28	21 20		n.a.
S 30	21 9	22 9	5 1	11 52	3 38	18 50	1 26	6 31	0 19	22 8	1 21	19 50	1 0	12 33	0 18	23 14	0 11	15 19	4 15	17 47	17 28	21 22		n.a.
M31	20n57	17n39	5n 0	11n44	3s46	18n28	1n26	6n14	0n18	22s10	1s21	19s50	1n 0	12s33	0n18	23s14	0s11	15s19	4n15	17n44	17n27	21s25		n.a.

Julian Day Number = 1372060.5, Delta T = 06h49m48s
Ecliptic obliquity = 23°48'39, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°16'52, Lahiri = -17°09'52 Julian Calendar 1 July 957 BCE == Greg. Calendar 22 June 957 BCE

The year -956 astronomical counting style corresponds to year 957 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 957 BCE
geocentric

AUGUST 957 BCE (-956) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 2 1	28♋37'41	9♍48	19°R 7	14♌28	15♍45	28°R 5	1°R36	3♏25	14°R12	25°R32	18°R51	17♉54	29♏46	n.a.	T 1
W 2	20 5 58	29°36'02	22°54	18♌58	15°43	16°26	27♑57	1♐35	3°26	14♑10	25♏31	18♉43	17°51	29°52	n.a.	W 2
T 3	20 9 55	0♌34'24	5♎36	18°42	16°57	17° 6	27°49	1°34	3°26	14° 9	25°31	18°38	17°47	29°59	n.a.	T 3
F 4	20 13 51	1°32'48	17°57	18°19	18°11	17°47	27°42	1°32	3°27	14° 7	25°30	18°36	17°44	0♐ 6	n.a.	F 4
S 5	20 17 48	2°31'14	0♏ 2	17°50	19°26	18°28	27°34	1°31	3°28	14° 6	25°30	18°D35	17°41	0°12	n.a.	S 5
S 6	20 21 44	3°29'42	11°56	17°15	20°40	19° 8	27°26	1°30	3°28	14° 4	25°30	18°35	17°38	0°19	n.a.	S 6
M 7	20 25 41	4°28'12	23°44	16°33	21°54	19°49	27°18	1°30	3°29	14° 3	25°29	18°R35	17°35	0°26	n.a.	M 7
T 8	20 29 37	5°26'43	5♐33	15°45	23° 9	20°30	27°10	1°29	3°30	14° 1	25°29	18°34	17°32	0°32	n.a.	T 8
W 9	20 33 34	6°25'16	17°26	14°52	24°23	21°11	27° 2	1°28	3°31	14° 0	25°29	18°31	17°28	0°39	n.a.	W 9
T 10	20 37 30	7°23'51	29°28	13°54	25°37	21°52	26°55	1°28	3°32	13°58	25°28	18°25	17°25	0°46	n.a.	T 10
F 11	20 41 27	8°22'28	11♑43	12°54	26°52	22°34	26°47	1°27	3°33	13°57	25°28	18°16	17°22	0°52	n.a.	F 11
S 12	20 45 23	9°21'07	24°12	11°51	28° 6	23°15	26°39	1°27	3°34	13°55	25°28	18° 5	17°19	0°59	n.a.	S 12
S 13	20 49 20	10°19'48	6♒56	10°47	29°20	23°56	26°32	1°26	3°35	13°54	25°28	17°53	17°16	1° 6	n.a.	S 13
M14	20 53 17	11°18'31	19°56	9°44	0♍35	24°38	26°25	1°26	3°36	13°52	25°28	17°40	17°13	1°12	n.a.	M14
T 15	20 57 13	12°17'17	3♓ 9	8°43	1°49	25°19	26°17	1°D26	3°37	13°51	25°28	17°27	17° 9	1°19	n.a.	T 15
W16	21 1 10	13°16'04	16°35	7°46	3° 3	26° 1	26°10	1°26	3°39	13°50	25°28	17°17	17° 6	1°26	n.a.	W16
T 17	21 5 6	14°14'54	0♈11	6°54	4°17	26°42	26° 3	1°26	3°40	13°48	25°D28	17° 9	17° 3	1°32	n.a.	T 17
F 18	21 9 3	15°13'45	13°55	6° 9	5°32	27°24	25°56	1°26	3°41	13°47	25°28	17° 4	17° 0	1°39	n.a.	F 18
S 19	21 12 59	16°12'40	27°46	5°32	6°46	28° 6	25°49	1°27	3°43	13°45	25°28	17° 2	16°57	1°46	n.a.	S 19
S 20	21 16 56	17°11'37	11♉45	5° 3	8° 0	28°48	25°42	1°27	3°44	13°44	25°28	17° 1	16°53	1°52	n.a.	S 20
M21	21 20 52	18°10'36	25°49	4°44	9°15	29°30	25°35	1°28	3°46	13°43	25°28	17° 1	16°50	1°59	n.a.	M21
T 22	21 24 49	19° 9'38	9♊59	4°D35	10°29	0♎12	25°28	1°28	3°47	13°42	25°28	17° 0	16°47	2° 5	n.a.	T 22
W23	21 28 46	20° 8'42	24°14	4°37	11°43	0°54	25°22	1°29	3°49	13°40	25°28	16°57	16°44	2°12	n.a.	W23
T 24	21 32 42	21° 7'49	8♋31	4°48	12°57	1°36	25°15	1°30	3°50	13°39	25°29	16°52	16°41	2°19	n.a.	T 24
F 25	21 36 39	22° 6'59	22°45	5°10	14°12	2°18	25° 9	1°31	3°52	13°38	25°29	16°43	16°38	2°25	n.a.	F 25
S 26	21 40 35	23° 6'10	6♌53	5°41	15°26	3° 1	25° 3	1°32	3°54	13°37	25°29	16°32	16°34	2°32	n.a.	S 26
S 27	21 44 32	24° 5'24	20°50	6°21	16°40	3°43	24°57	1°33	3°56	13°36	25°29	16°20	16°31	2°39	n.a.	S 27
M28	21 48 28	25° 4'40	4♍30	7°10	17°54	4°26	24°51	1°34	3°57	13°34	25°30	16° 8	16°28	2°45	n.a.	M28
T 29	21 52 25	26° 3'58	17°51	8° 7	19° 9	5° 8	24°45	1°35	3°59	13°33	25°30	15°56	16°25	2°52	n.a.	T 29
W30	21 56 21	27° 3'18	0♎51	9°12	20°23	5°51	24°40	1°37	4° 1	13°32	25°30	15°47	16°22	2°59	n.a.	W30
T 31	22 0 18	28♌ 2'40	13♎29	10♌22	21♍37	6♎34	24♑34	1♐38	4♏ 3	13♑31	25♏31	15♉41	16♉19	3♐ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20n45	12n22	4n43	11n38	3s53	18n 6	1n25	5n58	0n17	22s12	1s21	19s50	1n 0	12s34	0n18	23s14	0s12	15s19	4n14	17n42	17n26	21s27			n.a.
W 2	20 33	6 42	4 11	11 35	3 59	17 43	1 25	5 41	0 16	22 13	1 22	19 49	1 0	12 34	0 18	23 14	0 12	15 20	4 14	17 40	17 25	21 29			n.a.
T 3	20 20	0 55	3 28	11 36	4 4	17 20	1 24	5 24	0 15	22 15	1 22	19 49	1 0	12 34	0 18	23 14	0 12	15 20	4 14	17 38	17 24	21 32			n.a.
F 4	20 7	4s46	2 35	11 39	4 8	16 56	1 23	5 7	0 15	22 17	1 22	19 49	0 59	12 34	0 18	23 14	0 12	15 20	4 14	17 38	17 23	21 34			n.a.
S 5	19 54	10 9	1 37	11 45	4 11	16 32	1 23	4 51	0 14	22 18	1 22	19 49	0 59	12 35	0 18	23 15	0 12	15 20	4 13	17 37	17 22	21 36			n.a.
S 6	19 40	15 5	0 35	11 55	4 12	16 7	1 22	4 34	0 13	22 20	1 22	19 49	0 59	12 35	0 18	23 15	0 12	15 20	4 13	17 37	17 21	21 38			n.a.
M 7	19 26	19 26	0s27	12 8	4 11	15 42	1 21	4 17	0 12	22 22	1 22	19 49	0 59	12 35	0 18	23 15	0 12	15 20	4 13	17 37	17 20	21 41			n.a.
T 8	19 12	23 1	1 29	12 24	4 9	15 16	1 20	3 59	0 11	22 23	1 22	19 49	0 59	12 35	0 18	23 15	0 12	15 20	4 13	17 37	17 19	21 43			n.a.
W 9	18 57	25 38	2 27	12 44	4 5	14 50	1 19	3 42	0 10	22 25	1 22	19 49	0 59	12 36	0 18	23 15	0 12	15 21	4 13	17 36	17 19	21 45			n.a.
T 10	18 42	27 7	3 19	13 6	3 59	14 24	1 18	3 25	0 10	22 27	1 22	19 49	0 58	12 36	0 18	23 15	0 12	15 21	4 12	17 35	17 18	21 47			n.a.
F 11	18 27	27 18	4 2	13 31	3 51	13 57	1 17	3 8	0 9	22 28	1 22	19 49	0 58	12 36	0 18	23 16	0 12	15 21	4 12	17 32	17 17	21 50			n.a.
S 12	18 11	26 7	4 35	13 58	3 41	13 30	1 16	2 51	0 8	22 30	1 22	19 49	0 58	12 37	0 18	23 16	0 12	15 21	4 12	17 29	17 16	21 52			n.a.
S 13	17 55	23 34	4 55	14 27	3 29	13 2	1 14	2 33	0 7	22 31	1 22	19 50	0 58	12 37	0 18	23 16	0 12	15 21	4 12	17 26	17 15	21 54			n.a.
M14	17 39	19 48	5 0	14 58	3 15	12 34	1 13	2 16	0 6	22 33	1 22	19 50	0 58	12 38	0 18	23 16	0 12	15 21	4 11	17 22	17 14	21 56			n.a.
T 15	17 23	14 59	4 49	15 29	2 59	12 6	1 12	1 58	0 6	22 34	1 22	19 50	0 57	12 38	0 18	23 16	0 12	15 22	4 11	17 18	17 13	21 59			n.a.
W16	17 6	9 24	4 22	16 0	2 42	11 38	1 10	1 41	0 5	22 36	1 22	19 50	0 57	12 39	0 18	23 16	0 12	15 22	4 11	17 15	17 12	22 1			n.a.
T 17	16 49	3 17	3 40	16 31	2 24	11 9	1 9	1 23	0 4	22 37	1 22	19 50	0 57	12 39	0 18	23 17	0 12	15 22	4 11	17 13	17 11	22 3			n.a.
F 18	16 31	3n 2	2 45	17 0	2 5	10 40	1 7	1 6	0 3	22 38	1 22	19 50	0 57	12 40	0 18	23 17	0 12	15 22	4 10	17 12	17 10	22 5			n.a.
S 19	16 13	9 18	1 40	17 28	1 46	10 10	1 5	0 48	0 2	22 40	1 22	19 51	0 57	12 40	0 18	23 17	0 12	15 23	4 10	17 11	17 9	22 8			n.a.
S 20	15 55	15 9	0 28	17 54	1 27	9 41	1 4	0 31	0 2	22 41	1 22	19 51	0 57	12 41	0 18	23 17	0 12	15 23	4 10	17 11	17 9	22 10			n.a.
M21	15 37	20 16	0n46	18 18	1 7	9 11	1 2	0 13	0 1	22 42	1 22	19 51	0 56	12 41	0 18	23 17	0 12	15 23	4 10	17 11	17 8	22 12			n.a.
T 22	15 18	24 15	1 58	18 38	0 48	8 41	1 0	0s 5	0 0	22 43	1 22	19 51	0 56	12 42	0 18	23 17	0 12	15 23	4 10	17 10	17 7	22 14			n.a.
W23	15 0	26 44	3 3	18 56	0 29	8 10	0 58	0 22	0s 1	22 45	1 22	19 52	0 56	12 42	0 18	23 17	0 12	15 24	4 9	17 10	17 6	22 16			n.a.
T 24	14 41	27 28	3 56	19 10	0 12	7 40	0 56	0 40	0 1	22 46	1 22	19 52	0 56	12 43	0 18	23 18	0 12	15 24	4 9	17 8	17 5	22 18			n.a.
F 25	14 21	26 22	4 35	19 21	0n 5	7 9	0 54	0 58	0 2	22 47	1 22	19 52	0 56	12 43	0 18	23 18	0 12	15 24	4 9	17 6	17 4	22 21			n.a.
S 26	14 2	23 36	4 56	19 29	0 21	6 38	0 52	1 16	0 3	22 48	1 22	19 53	0 56	12 44	0 18	23 18	0 12	15 24	4 9	17 2	17 3	22 23			n.a.
S 27	13 42	19 29	4 59	19 33	0 35	6 7	0 50	1 33	0 4	22 49	1 22	19 53	0 55	12 45	0 18	23 18	0 12	15 25	4 8	16 59	17 2	22 25			n.a.
M28	13 22	14 25	4 45	19 33	0 49	5 35	0 48	1 51	0 5	22 50	1 22	19 54	0 55	12 45	0 18	23 18	0 12	15 25	4 8	16 55	17 1	22 27			n.a.
T 29	13 1	8 47	4 16	19 30	1 1	5 4	0 46	2 9	0 5	22 51	1 22	19 54	0 55	12 46	0 18	23 18	0 12	15 25	4 8	16 52	17 0	22 29			n.a.
W30	12 41	2 55	3 33	19 23	1 12	4 32	0 44	2 27	0 6	22 52	1 22	19 54	0 55	12 47	0 18	23 18	0 12	15 26	4 8	16 49	16 59	22 31			n.a.
T 31	12n20	2s56	2n41	19n13	1n21	4n 0	0n41	2s45	0s 7	22s53	1s22	19s55	0n55	12s47	0n18	23s18	0s12	15s26	4n 7	16n47	16n58	22s34			n.a.

Julian Day Number = 1372091.5, Delta T = 06h49m47s
Ecliptic obliquity = 23°48'40, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°16'48, Lahiri = -17°09'47 Julian Calendar 1 Aug. 957 BCE == Greg. Calendar 23 July 957 BCE

The year -956 astronomical counting style corresponds to year 957 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 957 BCE
geocentric

SEPTEMBER 957 BCE (-956) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 4 14	29♌ 2'04	25♎49	11♌38	22♍51	7♎16	24°R29	1♐40	4♏ 5	13°R30	25♏31	15°R37	16♉15	3♐12	n.a.	F 1
S 2	22 8 11	0♍ 1'30	7♏54	13° 0	24° 6	7°59	24♑24	1°41	4° 7	13♑29	25°32	15♉35	16°12	3°19	n.a.	S 2
S 3	22 12 8	1° 0'58	19°48	14°25	25°20	8°42	24°19	1°43	4° 9	13°28	25°32	15°D35	16° 9	3°25	n.a.	S 3
M 4	22 16 4	2° 0'28	1♐37	15°55	26°34	9°25	24°14	1°45	4°11	13°27	25°33	15°R35	16° 6	3°32	n.a.	M 4
T 5	22 20 1	3° 0'00	13°26	17°27	27°48	10° 8	24°10	1°47	4°14	13°26	25°34	15°35	16° 3	3°39	n.a.	T 5
W 6	22 23 57	3°59'34	25°21	19° 2	29° 2	10°52	24° 5	1°49	4°16	13°25	25°34	15°33	15°59	3°45	n.a.	W 6
T 7	22 27 54	4°59'09	7♑26	20°40	0♎16	11°35	24° 1	1°51	4°18	13°25	25°35	15°28	15°56	3°52	n.a.	T 7
F 8	22 31 50	5°58'47	19°46	22°18	1°30	12°18	23°57	1°54	4°20	13°24	25°35	15°21	15°53	3°59	n.a.	F 8
S 9	22 35 47	6°58'27	2♒24	23°59	2°45	13° 1	23°53	1°56	4°23	13°23	25°36	15°12	15°50	4° 5	n.a.	S 9
S 10	22 39 43	7°58'08	15°22	25°40	3°59	13°45	23°49	1°58	4°25	13°22	25°37	15° 1	15°47	4°12	n.a.	S 10
M11	22 43 40	8°57'51	28°40	27°22	5°13	14°28	23°46	2° 1	4°28	13°21	25°38	14°49	15°44	4°19	n.a.	M11
T 12	22 47 37	9°57'37	12♓16	29° 4	6°27	15°12	23°42	2° 3	4°30	13°21	25°38	14°38	15°40	4°25	n.a.	T 12
W13	22 51 33	10°57'25	26° 6	0♍47	7°41	15°55	23°39	2° 6	4°33	13°20	25°39	14°29	15°37	4°32	n.a.	W13
T 14	22 55 30	11°57'14	10♈ 8	2°29	8°55	16°39	23°36	2° 9	4°35	13°19	25°40	14°22	15°34	4°38	n.a.	T 14
F 15	22 59 26	12°57'06	24°16	4°12	10° 9	17°23	23°34	2°12	4°38	13°19	25°41	14°18	15°31	4°45	n.a.	F 15
S 16	23 3 23	13°57'01	8♉28	5°55	11°23	18° 7	23°31	2°15	4°40	13°18	25°42	14°D16	15°28	4°52	n.a.	S 16
S 17	23 7 19	14°56'57	22°40	7°37	12°37	18°51	23°29	2°18	4°43	13°17	25°43	14°16	15°24	4°58	n.a.	S 17
M18	23 11 16	15°56'56	6♊49	9°20	13°51	19°35	23°27	2°21	4°46	13°17	25°44	14°17	15°21	5° 5	n.a.	M18
T 19	23 15 12	16°56'58	20°56	11° 1	15° 5	20°19	23°25	2°24	4°48	13°16	25°45	14°R17	15°18	5°12	n.a.	T 19
W20	23 19 9	17°57'02	4♋58	12°43	16°19	21° 3	23°23	2°28	4°51	13°16	25°46	14°16	15°15	5°18	n.a.	W20
T 21	23 23 5	18°57'08	18°55	14°24	17°33	21°47	23°21	2°31	4°54	13°15	25°47	14°12	15°12	5°25	n.a.	T 21
F 22	23 27 2	19°57'16	2♌45	16° 5	18°47	22°31	23°20	2°35	4°57	13°15	25°48	14° 6	15° 9	5°32	n.a.	F 22
S 23	23 30 59	20°57'27	16°26	17°45	20° 1	23°15	23°19	2°38	5° 0	13°15	25°49	13°58	15° 5	5°38	n.a.	S 23
S 24	23 34 55	21°57'40	29°56	19°25	21°15	24° 0	23°18	2°42	5° 3	13°14	25°50	13°49	15° 2	5°45	n.a.	S 24
M25	23 38 52	22°57'54	13♍13	21° 4	22°29	24°44	23°17	2°46	5° 6	13°14	25°52	13°40	14°59	5°52	n.a.	M25
T 26	23 42 48	23°58'11	26°15	22°43	23°42	25°29	23°16	2°50	5° 8	13°14	25°53	13°31	14°56	5°58	n.a.	T 26
W27	23 46 45	24°58'29	9♎ 0	24°21	24°56	26°13	23°16	2°54	5°11	13°13	25°54	13°24	14°53	6° 5	n.a.	W27
T 28	23 50 41	25°58'50	21°30	25°59	26°10	26°58	23°D16	2°58	5°15	13°13	25°55	13°20	14°50	6°12	n.a.	T 28
F 29	23 54 38	26°59'12	3♏44	27°37	27°24	27°43	23°16	3° 2	5°18	13°13	25°56	13°17	14°46	6°18	n.a.	F 29
S 30	23 58 34	27♍59'36	15♏46	29♍14	28♎38	28♎27	23♑16	3♐ 6	5♏21	13♑13	25♏58	13°D17	14♉43	6♐25	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n59	8s32	1n43	18n59	1n29	3n28	0n39	3s 3	0s 8	22s54	1s22	19s55	0n55	12s48	0n18	23s19	0s12	15s26	4n 7	16n46	16n57	22s36		n.a.
S 2	11 38	13 43	0 41	18 43	1 36	2 57	0 37	3 21	0 8	22 55	1 22	19 56	0 54	12 49	0 18	23 19	0 12	15 27	4 7	16 46	16 57	22 38		n.a.
S 3	11 17	18 19	0s22	18 23	1 42	2 24	0 34	3 38	0 9	22 56	1 22	19 56	0 54	12 49	0 18	23 19	0 12	15 27	4 7	16 46	16 56	22 40		n.a.
M 4	10 55	22 11	1 24	18 1	1 47	1 52	0 32	3 56	0 10	22 56	1 22	19 57	0 54	12 50	0 18	23 19	0 12	15 27	4 7	16 46	16 55	22 42		n.a.
T 5	10 34	25 7	2 22	17 36	1 51	1 20	0 29	4 14	0 10	22 57	1 22	19 58	0 54	12 51	0 18	23 19	0 12	15 28	4 6	16 46	16 54	22 44		n.a.
W 6	10 12	26 58	3 15	17 9	1 54	0 48	0 27	4 32	0 11	22 58	1 21	19 58	0 54	12 52	0 18	23 19	0 12	15 28	4 6	16 45	16 53	22 46		n.a.
T 7	9 50	27 35	3 59	16 39	1 56	0 16	0 24	4 50	0 12	22 58	1 21	19 59	0 54	12 53	0 18	23 19	0 12	15 29	4 6	16 44	16 52	22 49		n.a.
F 8	9 28	26 50	4 33	16 8	1 57	0s17	0 22	5 8	0 13	22 59	1 21	19 59	0 53	12 53	0 18	23 19	0 12	15 29	4 6	16 41	16 51	22 51		n.a.
S 9	9 5	24 43	4 55	15 35	1 57	0 49	0 19	5 26	0 13	23 0	1 21	20 0	0 53	12 54	0 17	23 19	0 12	15 29	4 5	16 39	16 50	22 53		n.a.
S 10	8 43	21 17	5 3	15 0	1 57	1 21	0 17	5 43	0 14	23 0	1 21	20 1	0 53	12 55	0 17	23 20	0 12	15 30	4 5	16 35	16 49	22 55		n.a.
M11	8 20	16 42	4 54	14 23	1 56	1 53	0 14	6 1	0 15	23 1	1 21	20 1	0 53	12 56	0 17	23 20	0 12	15 30	4 5	16 32	16 48	22 57		n.a.
T 12	7 57	11 11	4 29	13 45	1 54	2 26	0 11	6 19	0 16	23 1	1 21	20 2	0 53	12 57	0 17	23 20	0 12	15 30	4 5	16 29	16 47	22 59		n.a.
W13	7 34	5 2	3 47	13 7	1 52	2 58	0 8	6 37	0 16	23 2	1 21	20 3	0 53	12 58	0 17	23 20	0 12	15 31	4 4	16 26	16 46	23 1		n.a.
T 14	7 11	1n27	2 52	12 27	1 49	3 30	0 6	6 54	0 17	23 2	1 21	20 3	0 52	12 59	0 17	23 20	0 12	15 31	4 4	16 24	16 45	23 3		n.a.
F 15	6 48	7 56	1 45	11 46	1 46	4 2	0 3	7 12	0 18	23 2	1 20	20 4	0 52	12 59	0 17	23 20	0 12	15 32	4 4	16 23	16 44	23 5		n.a.
S 16	6 25	14 3	0 31	11 4	1 43	4 34	0 0	7 30	0 18	23 3	1 20	20 5	0 52	13 0	0 17	23 20	0 12	15 32	4 4	16 22	16 43	23 7		n.a.
S 17	6 1	19 27	0n45	10 22	1 39	5 6	0s 3	7 47	0 19	23 3	1 20	20 6	0 52	13 1	0 17	23 20	0 12	15 33	4 4	16 22	16 43	23 9		n.a.
M18	5 38	23 43	1 58	9 39	1 34	5 38	0 6	8 5	0 20	23 3	1 20	20 7	0 52	13 2	0 17	23 20	0 12	15 33	4 3	16 22	16 42	23 11		n.a.
T 19	5 14	26 32	3 3	8 55	1 30	6 10	0 8	8 22	0 20	23 3	1 20	20 7	0 52	13 3	0 17	23 20	0 12	15 33	4 3	16 22	16 41	23 13		n.a.
W20	4 50	27 40	3 57	8 11	1 25	6 41	0 11	8 40	0 21	23 4	1 20	20 8	0 51	13 4	0 17	23 20	0 12	15 34	4 3	16 22	16 40	23 15		n.a.
T 21	4 26	27 1	4 37	7 27	1 20	7 12	0 14	8 57	0 22	23 4	1 20	20 9	0 51	13 5	0 17	23 20	0 12	15 34	4 3	16 21	16 39	23 18		n.a.
F 22	4 2	24 43	5 0	6 43	1 14	7 44	0 17	9 15	0 23	23 4	1 19	20 10	0 51	13 6	0 17	23 20	0 12	15 35	4 3	16 19	16 38	23 20		n.a.
S 23	3 38	21 0	5 6	5 58	1 9	8 15	0 20	9 32	0 23	23 4	1 19	20 11	0 51	13 7	0 17	23 20	0 12	15 35	4 2	16 17	16 37	23 22		n.a.
S 24	3 14	16 14	4 54	5 13	1 3	8 46	0 23	9 49	0 24	23 4	1 19	20 12	0 51	13 8	0 17	23 20	0 12	15 36	4 2	16 14	16 36	23 24		n.a.
M25	2 50	10 47	4 27	4 28	0 57	9 16	0 26	10 6	0 25	23 4	1 19	20 12	0 51	13 9	0 17	23 20	0 12	15 36	4 2	16 11	16 35	23 26		n.a.
T 26	2 26	4 57	3 46	3 43	0 51	9 47	0 28	10 24	0 25	23 4	1 19	20 13	0 51	13 10	0 17	23 20	0 12	15 37	4 2	16 8	16 34	23 28		n.a.
W27	2 2	0s58	2 54	2 58	0 45	10 17	0 31	10 41	0 26	23 4	1 19	20 14	0 50	13 11	0 17	23 21	0 12	15 37	4 1	16 6	16 33	23 30		n.a.
T 28	1 37	6 44	1 55	2 13	0 39	10 47	0 34	10 58	0 27	23 4	1 19	20 15	0 50	13 12	0 17	23 21	0 12	15 38	4 1	16 5	16 32	23 32		n.a.
F 29	1 13	12 9	0 51	1 27	0 32	11 17	0 37	11 15	0 27	23 3	1 18	20 16	0 50	13 13	0 17	23 21	0 12	15 38	4 1	16 4	16 31	23 34		n.a.
S 30	0n49	17s 2	0s14	0n42	0n26	11s47	0s40	11s31	0s28	23s 3	1s18	20s17	0n50	13s14	0n17	23s21	0s12	15s39	4n 1	16n 4	16n30	23s36		n.a.

Julian Day Number = 1372122.5, Delta T = 06h49m45s
Ecliptic obliquity = 23°48'41, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°16'44, Lahiri = -17°09'43 Julian Calendar 1 Sept. 957 BCE == Greg. Calendar 23 Aug. 957 BCE

The year -956 astronomical counting style corresponds to year 957 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 957 BCE
geocentric

OCTOBER 957 BCE (-956) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 2 31	29♍ 0'01	27♏39	0♎51	29♎52	29♎12	23♑17	3♐10	5♏24	13°R13	25♏59	13♉17	14♉40	6♐32	n.a.	S 1
M 2	0 6 28	0♎ 0'28	9♐27	2°27	1♏ 5	29°57	23°18	3°14	5°27	13♑13	26° 0	13°19	14°37	6°38	n.a.	M 2
T 3	0 10 24	1° 0'57	21°16	4° 3	2°19	0♏42	23°18	3°19	5°30	13°12	26° 2	13°20	14°34	6°45	n.a.	T 3
W 4	0 14 21	2° 1'27	3♑ 9	5°38	3°33	1°27	23°20	3°23	5°33	13°D12	26° 3	13°R21	14°30	6°52	n.a.	W 4
T 5	0 18 17	3° 1'59	15°14	7°13	4°47	2°12	23°21	3°28	5°37	13°12	26° 5	13°20	14°27	6°58	n.a.	T 5
F 6	0 22 14	4° 2'32	27°33	8°48	6° 0	2°57	23°22	3°32	5°40	13°13	26° 6	13°17	14°24	7° 5	n.a.	F 6
S 7	0 26 10	5° 3'06	10♒13	10°23	7°14	3°42	23°24	3°37	5°43	13°13	26° 8	13°13	14°21	7°12	n.a.	S 7
S 8	0 30 7	6° 3'42	23°15	11°57	8°28	4°27	23°26	3°42	5°46	13°13	26° 9	13° 7	14°18	7°18	n.a.	S 8
M 9	0 34 3	7° 4'20	6♓42	13°31	9°41	5°12	23°28	3°47	5°50	13°13	26°11	13° 1	14°15	7°25	n.a.	M 9
T 10	0 38 0	8° 4'58	20°32	15° 4	10°55	5°58	23°30	3°52	5°53	13°13	26°12	12°55	14°11	7°31	n.a.	T 10
W11	0 41 57	9° 5'39	4♈42	16°38	12° 8	6°43	23°33	3°57	5°56	13°13	26°14	12°50	14° 8	7°38	n.a.	W11
T 12	0 45 53	10° 6'20	19° 8	18°11	13°22	7°29	23°36	4° 2	6° 0	13°14	26°15	12°47	14° 5	7°45	n.a.	T 12
F 13	0 49 50	11° 7'04	3♉44	19°44	14°35	8°14	23°38	4° 7	6° 3	13°14	26°17	12°45	14° 2	7°51	n.a.	F 13
S 14	0 53 46	12° 7'49	18°24	21°16	15°49	8°59	23°42	4°12	6° 7	13°14	26°19	12°D45	13°59	7°58	n.a.	S 14
S 15	0 57 43	13° 8'35	3♊ 0	22°49	17° 2	9°45	23°45	4°17	6°10	13°14	26°20	12°46	13°56	8° 5	n.a.	S 15
M16	1 1 39	14° 9'24	17°28	24°21	18°16	10°31	23°48	4°23	6°13	13°15	26°22	12°47	13°52	8°11	n.a.	M16
T 17	1 5 36	15°10'14	1♋45	25°53	19°29	11°16	23°52	4°28	6°17	13°15	26°24	12°49	13°49	8°18	n.a.	T 17
W18	1 9 32	16°11'06	15°48	27°25	20°42	12° 2	23°56	4°33	6°20	13°16	26°25	12°R49	13°46	8°25	n.a.	W18
T 19	1 13 29	17°12'00	29°37	28°56	21°56	12°48	24° 0	4°39	6°24	13°16	26°27	12°49	13°43	8°31	n.a.	T 19
F 20	1 17 26	18°12'55	13♌12	0♏28	23° 9	13°34	24° 4	4°44	6°28	13°17	26°29	12°47	13°40	8°38	n.a.	F 20
S 21	1 21 22	19°13'51	26°32	1°59	24°22	14°19	24° 9	4°50	6°31	13°17	26°31	12°44	13°36	8°45	n.a.	S 21
S 22	1 25 19	20°14'49	9♍38	3°30	25°35	15° 5	24°13	4°56	6°35	13°18	26°32	12°41	13°33	8°51	n.a.	S 22
M23	1 29 15	21°15'49	22°31	5° 0	26°49	15°51	24°18	5° 1	6°38	13°19	26°34	12°37	13°30	8°58	n.a.	M23
T 24	1 33 12	22°16'49	5♎10	6°31	28° 2	16°37	24°23	5° 7	6°42	13°19	26°36	12°34	13°27	9° 5	n.a.	T 24
W25	1 37 8	23°17'51	17°38	8° 1	29°15	17°23	24°28	5°13	6°45	13°20	26°38	12°31	13°24	9°11	n.a.	W25
T 26	1 41 5	24°18'55	29°53	9°30	0♐28	18°10	24°34	5°19	6°49	13°21	26°40	12°30	13°21	9°18	n.a.	T 26
F 27	1 45 1	25°19'59	11♏59	11° 0	1°41	18°56	24°39	5°25	6°53	13°21	26°42	12°D29	13°17	9°25	n.a.	F 27
S 28	1 48 58	26°21'04	23°55	12°28	2°54	19°42	24°45	5°31	6°56	13°22	26°44	12°30	13°14	9°31	n.a.	S 28
S 29	1 52 55	27°22'10	5♐46	13°57	4° 7	20°28	24°51	5°37	7° 0	13°23	26°45	12°31	13°11	9°38	n.a.	S 29
M30	1 56 51	28°23'17	17°34	15°24	5°20	21°14	24°57	5°43	7° 3	13°24	26°47	12°32	13° 8	9°45	n.a.	M30
T 31	2 0 48	29♎24'25	29♐22	16♏51	6♐33	22♏ 1	25♑ 3	5♐49	7♏ 7	13♑25	26♏49	12♉33	13♉ 5	9♐51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	0n24	21s12	1s17	0s 3	0n20	12s16	0s43	11s48	0s29	23s 3	1s18	20s18	0n50	13s15	0n17	23s21	0s12	15s39	4n 1	16n 4	16n29	23s38			n.a.
M 2	0s 0	24 28	2 17	0 47	0 13	12 45	0 46	12 5	0 29	23 3	1 18	20 19	0 50	13 16	0 17	23 21	0 12	15 40	4 0	16 5	16 28	23 40			n.a.
T 3	0 25	26 42	3 12	1 32	0 7	13 13	0 49	12 22	0 30	23 2	1 18	20 20	0 50	13 18	0 17	23 21	0 12	15 40	4 0	16 5	16 27	23 41			n.a.
W 4	0 49	27 44	3 58	2 16	0 0	13 42	0 51	12 38	0 30	23 2	1 18	20 21	0 49	13 19	0 17	23 21	0 12	15 41	4 0	16 5	16 26	23 43			n.a.
T 5	1 13	27 28	4 35	3 1	0s 7	14 10	0 54	12 54	0 31	23 2	1 17	20 22	0 49	13 20	0 17	23 21	0 12	15 41	4 0	16 5	16 25	23 45			n.a.
F 6	1 38	25 52	4 59	3 45	0 13	14 38	0 57	13 11	0 32	23 1	1 17	20 23	0 49	13 21	0 17	23 21	0 12	15 42	4 0	16 4	16 25	23 47			n.a.
S 7	2 2	22 56	5 11	4 28	0 20	15 5	1 0	13 27	0 32	23 1	1 17	20 24	0 49	13 22	0 17	23 21	0 12	15 42	3 59	16 3	16 24	23 49			n.a.
S 8	2 27	18 47	5 6	5 12	0 26	15 32	1 3	13 43	0 33	23 0	1 17	20 25	0 49	13 23	0 17	23 21	0 12	15 43	3 59	16 1	16 23	23 51			n.a.
M 9	2 51	13 35	4 45	5 55	0 33	15 58	1 5	13 59	0 34	23 0	1 17	20 26	0 49	13 24	0 17	23 21	0 12	15 44	3 59	15 59	16 22	23 53			n.a.
T 10	3 15	7 35	4 7	6 37	0 39	16 24	1 8	14 15	0 34	22 59	1 17	20 27	0 49	13 25	0 17	23 21	0 12	15 44	3 59	15 58	16 21	23 55			n.a.
W11	3 40	1 3	3 13	7 20	0 45	16 50	1 11	14 31	0 35	22 59	1 16	20 28	0 48	13 27	0 17	23 21	0 12	15 45	3 59	15 56	16 20	23 57			n.a.
T 12	4 4	5n40	2 6	8 2	0 51	17 16	1 13	14 47	0 35	22 58	1 16	20 30	0 48	13 28	0 17	23 21	0 12	15 45	3 58	15 55	16 19	23 59			n.a.
F 13	4 28	12 11	0 49	8 43	0 58	17 40	1 16	15 2	0 36	22 57	1 16	20 31	0 48	13 29	0 17	23 21	0 12	15 46	3 58	15 54	16 18	24 1			n.a.
S 14	4 52	18 4	0n31	9 24	1 4	18 5	1 19	15 18	0 37	22 57	1 16	20 32	0 48	13 30	0 17	23 21	0 12	15 46	3 58	15 54	16 17	24 3			n.a.
S 15	5 16	22 52	1 49	10 5	1 10	18 29	1 21	15 33	0 37	22 56	1 16	20 33	0 48	13 31	0 17	23 20	0 12	15 47	3 58	15 55	16 16	24 5			n.a.
M16	5 40	26 11	2 59	10 45	1 15	18 52	1 24	15 48	0 38	22 55	1 16	20 34	0 48	13 32	0 17	23 20	0 12	15 47	3 58	15 55	16 15	24 7			n.a.
T 17	6 4	27 45	3 57	11 24	1 21	19 15	1 26	16 3	0 38	22 54	1 15	20 35	0 48	13 33	0 17	23 20	0 12	15 48	3 58	15 56	16 14	24 8			n.a.
W18	6 28	27 30	4 40	12 3	1 27	19 38	1 29	16 18	0 39	22 53	1 15	20 36	0 47	13 35	0 17	23 20	0 12	15 49	3 57	15 56	16 13	24 10			n.a.
T 19	6 51	25 32	5 6	12 42	1 32	20 0	1 31	16 33	0 39	22 53	1 15	20 37	0 47	13 36	0 17	23 20	0 12	15 49	3 57	15 56	16 12	24 12			n.a.
F 20	7 15	22 8	5 14	13 20	1 37	20 21	1 33	16 47	0 40	22 52	1 15	20 38	0 47	13 37	0 17	23 20	0 12	15 50	3 57	15 55	16 11	24 14			n.a.
S 21	7 38	17 38	5 5	13 57	1 42	20 42	1 36	17 2	0 41	22 51	1 15	20 40	0 47	13 38	0 17	23 20	0 12	15 50	3 57	15 54	16 10	24 16			n.a.
S 22	8 2	12 24	4 40	14 33	1 47	21 2	1 38	17 16	0 41	22 50	1 15	20 41	0 47	13 39	0 17	23 20	0 12	15 51	3 57	15 53	16 9	24 18			n.a.
M23	8 25	6 42	4 2	15 8	1 52	21 22	1 40	17 30	0 42	22 49	1 14	20 42	0 47	13 41	0 17	23 20	0 12	15 51	3 56	15 52	16 8	24 20			n.a.
T 24	8 48	0 50	3 12	15 43	1 56	21 41	1 42	17 44	0 42	22 48	1 14	20 43	0 47	13 42	0 17	23 20	0 12	15 52	3 56	15 51	16 7	24 21			n.a.
W25	9 11	4s59	2 13	16 17	2 0	22 0	1 44	17 58	0 43	22 46	1 14	20 44	0 47	13 43	0 17	23 20	0 12	15 53	3 56	15 50	16 6	24 23			n.a.
T 26	9 34	10 32	1 9	16 50	2 4	22 18	1 46	18 12	0 43	22 45	1 14	20 46	0 46	13 44	0 17	23 20	0 12	15 53	3 56	15 50	16 5	24 25			n.a.
F 27	9 57	15 37	0 3	17 22	2 7	22 35	1 48	18 25	0 44	22 44	1 14	20 47	0 46	13 46	0 17	23 20	0 12	15 54	3 56	15 49	16 4	24 27			n.a.
S 28	10 19	20 4	1s 3	17 53	2 10	22 52	1 50	18 39	0 44	22 43	1 14	20 48	0 46	13 47	0 17	23 20	0 12	15 54	3 56	15 50	16 3	24 29			n.a.
S 29	10 42	23 40	2 5	18 23	2 13	23 8	1 52	18 52	0 45	22 42	1 14	20 49	0 46	13 48	0 17	23 20	0 12	15 55	3 56	15 50	16 2	24 31			n.a.
M30	11 4	26 15	3 2	18 52	2 16	23 23	1 54	19 5	0 45	22 40	1 13	20 50	0 46	13 49	0 17	23 20	0 12	15 56	3 55	15 50	16 1	24 32			n.a.
T 31	11s26	27s40	3s52	19s19	2s17	23s38	1s55	19s18	0s46	22s39	1s13	20s51	0n46	13s50	0n17	23s20	0s12	15s56	3n55	15n51	16n 0	24s34			n.a.

Julian Day Number = 1372152.5, Delta T = 06h49m44s
Ecliptic obliquity = 23°48'41, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°16'40, Lahiri = -17°09'39 Julian Calendar 1 Oct. 957 BCE == Greg. Calendar 22 Sept. 957 BCE

The year -956 astronomical counting style corresponds to year 957 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 957 BCE
geocentric

NOVEMBER 957 BCE (-956) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 4 44	0♏25'33	11♑15	18♏17	7♐46	22♏47	25♑ 9	5♐55	7♏11	13♑26	26♏51	12♉34	13♉ 1	9♐58	n.a.	W 1
T 2	2 8 41	1°26'42	23°17	19°42	8°59	23°33	25°16	6° 2	7°14	13°27	26°53	12°35	12°58	10° 5	n.a.	T 2
F 3	2 12 37	2°27'52	5♒33	21° 5	10°11	24°20	25°23	6° 8	7°18	13°28	26°55	12°R35	12°55	10°11	n.a.	F 3
S 4	2 16 34	3°29'02	18° 7	22°27	11°24	25° 6	25°30	6°14	7°22	13°29	26°57	12°35	12°52	10°18	n.a.	S 4
S 5	2 20 30	4°30'12	1♓ 5	23°48	12°37	25°53	25°37	6°21	7°25	13°30	26°59	12°34	12°49	10°25	n.a.	S 5
M 6	2 24 27	5°31'23	14°28	25° 6	13°49	26°39	25°44	6°27	7°29	13°31	27° 1	12°33	12°46	10°31	n.a.	M 6
T 7	2 28 24	6°32'34	28°18	26°22	15° 2	27°26	25°51	6°33	7°33	13°32	27° 3	12°32	12°42	10°38	n.a.	T 7
W 8	2 32 20	7°33'46	12♈33	27°35	16°14	28°13	25°59	6°40	7°36	13°33	27° 5	12°32	12°39	10°45	n.a.	W 8
T 9	2 36 17	8°34'58	27°12	28°46	17°27	28°59	26° 7	6°46	7°40	13°34	27° 7	12°31	12°36	10°51	n.a.	T 9
F 10	2 40 13	9°36'11	12♉ 7	29°52	18°39	29°46	26°14	6°53	7°44	13°36	27° 9	12°D31	12°33	10°58	n.a.	F 10
S 11	2 44 10	10°37'24	27°10	0♐54	19°52	0♐33	26°22	7° 0	7°47	13°37	27°11	12°31	12°30	11° 5	n.a.	S 11
S 12	2 48 6	11°38'38	12♊12	1°52	21° 4	1°19	26°31	7° 6	7°51	13°38	27°14	12°32	12°27	11°11	n.a.	S 12
M13	2 52 3	12°39'53	27° 6	2°44	22°16	2° 6	26°39	7°13	7°55	13°39	27°16	12°R32	12°23	11°18	n.a.	M13
T 14	2 55 59	13°41'08	11♋44	3°29	23°28	2°53	26°47	7°20	7°59	13°41	27°18	12°32	12°20	11°25	n.a.	T 14
W15	2 59 56	14°42'24	26° 2	4° 7	24°40	3°40	26°56	7°26	8° 2	13°42	27°20	12°31	12°17	11°31	n.a.	W15
T 16	3 3 53	15°43'41	9♌57	4°38	25°52	4°27	27° 5	7°33	8° 6	13°43	27°22	12°D31	12°14	11°38	n.a.	T 16
F 17	3 7 49	16°44'57	23°29	4°59	27° 4	5°14	27°13	7°40	8° 9	13°45	27°24	12°31	12°11	11°45	n.a.	F 17
S 18	3 11 46	17°46'15	6♍40	5°10	28°16	6° 1	27°22	7°47	8°13	13°46	27°26	12°31	12° 7	11°51	n.a.	S 18
S 19	3 15 42	18°47'33	19°32	5°R10	29°27	6°48	27°31	7°53	8°17	13°48	27°28	12°32	12° 4	11°58	n.a.	S 19
M20	3 19 39	19°48'51	2♎ 7	5° 0	0♑39	7°35	27°41	8° 0	8°20	13°49	27°30	12°33	12° 1	12° 5	n.a.	M20
T 21	3 23 35	20°50'10	14°29	4°37	1°51	8°22	27°50	8° 7	8°24	13°51	27°32	12°34	11°58	12°11	n.a.	T 21
W22	3 27 32	21°51'28	26°39	4° 3	3° 2	9° 9	28° 0	8°14	8°28	13°52	27°35	12°34	11°55	12°18	n.a.	W22
T 23	3 31 29	22°52'47	8♏42	3°17	4°14	9°56	28° 9	8°21	8°31	13°54	27°37	12°R35	11°52	12°25	n.a.	T 23
F 24	3 35 25	23°54'06	20°37	2°21	5°25	10°43	28°19	8°28	8°35	13°56	27°39	12°35	11°48	12°31	n.a.	F 24
S 25	3 39 22	24°55'26	2♐29	1°15	6°36	11°30	28°29	8°35	8°38	13°57	27°41	12°34	11°45	12°38	n.a.	S 25
S 26	3 43 18	25°56'45	14°17	0° 2	7°47	12°17	28°39	8°42	8°42	13°59	27°43	12°32	11°42	12°45	n.a.	S 26
M27	3 47 15	26°58'03	26° 6	28♏44	8°58	13° 4	28°49	8°49	8°45	14° 0	27°45	12°30	11°39	12°51	n.a.	M27
T 28	3 51 11	27°59'22	7♑56	27°23	10° 9	13°51	28°59	8°56	8°49	14° 2	27°47	12°28	11°36	12°58	n.a.	T 28
W29	3 55 8	29° 0'40	19°51	26° 2	11°20	14°39	29°10	9° 3	8°53	14° 4	27°50	12°25	11°33	13° 5	n.a.	W29
T 30	3 59 4	0♐ 1'58	1♒54	24♏44	12♑31	15♐26	29♑20	9♐10	8♏56	14♑ 6	27♏52	12♉23	11♉29	13♐11	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11 s48	27 s50	4 s31	19 s46	2 s19	23 s52	1 s57	19 s30	0 s46	22 s38	1 s13	20 s53	0n46	13 s52	0n17	23 s19	0 s12	15 s57	3n55	15n51	15n59	24 s36		n.a.
T 2	12 10	26 41	5 0	20 10	2 20	24 5	1 59	19 42	0 47	22 36	1 13	20 54	0 46	13 53	0 17	23 19	0 12	15 57	3 55	15 51	15 58	24 38		n.a.
F 3	12 31	24 15	5 15	20 34	2 20	24 18	2 0	19 55	0 47	22 35	1 13	20 55	0 46	13 54	0 17	23 19	0 12	15 58	3 55	15 51	15 57	24 40		n.a.
S 4	12 52	20 38	5 16	20 56	2 20	24 30	2 1	20 7	0 48	22 34	1 13	20 56	0 45	13 55	0 17	23 19	0 12	15 59	3 55	15 51	15 56	24 41		n.a.
S 5	13 13	15 56	5 1	21 16	2 20	24 41	2 3	20 19	0 48	22 32	1 12	20 58	0 45	13 56	0 17	23 19	0 12	15 59	3 54	15 51	15 55	24 43		n.a.
M 6	13 34	10 21	4 30	21 34	2 18	24 52	2 4	20 30	0 49	22 31	1 12	20 59	0 45	13 58	0 17	23 19	0 12	16 0	3 54	15 51	15 55	24 45		n.a.
T 7	13 55	4 4	3 42	21 51	2 16	25 2	2 5	20 41	0 49	22 29	1 12	21 0	0 45	13 59	0 17	23 19	0 12	16 0	3 54	15 50	15 54	24 47		n.a.
W 8	14 15	2n36	2 39	22 5	2 13	25 11	2 6	20 53	0 50	22 27	1 12	21 1	0 45	14 0	0 17	23 19	0 12	16 1	3 54	15 50	15 53	24 48		n.a.
T 9	14 35	9 20	1 24	22 18	2 9	25 19	2 7	21 4	0 50	22 26	1 12	21 2	0 45	14 1	0 17	23 19	0 12	16 2	3 54	15 50	15 52	24 50		n.a.
F 10	14 55	15 40	0 2	22 28	2 5	25 27	2 8	21 14	0 51	22 24	1 12	21 4	0 45	14 3	0 17	23 18	0 12	16 2	3 54	15 50	15 51	24 52		n.a.
S 11	15 14	21 8	1n21	22 36	1 59	25 34	2 9	21 25	0 51	22 23	1 12	21 5	0 45	14 4	0 17	23 18	0 12	16 3	3 54	15 50	15 50	24 54		n.a.
S 12	15 34	25 13	2 38	22 41	1 52	25 40	2 10	21 35	0 52	22 21	1 11	21 6	0 45	14 5	0 17	23 18	0 12	16 3	3 54	15 50	15 49	24 55		n.a.
M13	15 53	27 30	3 43	22 44	1 44	25 45	2 10	21 45	0 52	22 19	1 11	21 7	0 45	14 6	0 17	23 18	0 12	16 4	3 53	15 50	15 48	24 57		n.a.
T 14	16 11	27 49	4 33	22 44	1 35	25 50	2 11	21 55	0 52	22 17	1 11	21 8	0 44	14 7	0 17	23 18	0 12	16 5	3 53	15 50	15 47	24 59		n.a.
W15	16 30	26 15	5 5	22 41	1 24	25 53	2 11	22 5	0 53	22 15	1 11	21 10	0 44	14 9	0 17	23 18	0 12	16 5	3 53	15 50	15 46	25 0		n.a.
T 16	16 48	23 7	5 17	22 35	1 13	25 56	2 12	22 14	0 53	22 14	1 11	21 11	0 44	14 10	0 17	23 18	0 12	16 6	3 53	15 50	15 45	25 2		n.a.
F 17	17 6	18 48	5 12	22 26	0 59	25 59	2 12	22 23	0 54	22 12	1 11	21 12	0 44	14 11	0 17	23 18	0 12	16 6	3 53	15 50	15 44	25 4		n.a.
S 18	17 24	13 41	4 50	22 14	0 45	26 0	2 12	22 32	0 54	22 10	1 11	21 13	0 44	14 12	0 16	23 17	0 12	16 7	3 53	15 50	15 43	25 6		n.a.
S 19	17 41	8 5	4 14	21 58	0 29	26 1	2 12	22 40	0 54	22 8	1 10	21 15	0 44	14 13	0 16	23 17	0 12	16 8	3 53	15 50	15 42	25 7		n.a.
M20	17 58	2 18	3 26	21 39	0 12	26 1	2 12	22 49	0 55	22 6	1 10	21 16	0 44	14 15	0 16	23 17	0 12	16 8	3 53	15 51	15 41	25 9		n.a.
T 21	18 14	3 s30	2 30	21 17	0n 7	26 0	2 12	22 57	0 55	22 4	1 10	21 17	0 44	14 16	0 16	23 17	0 12	16 9	3 52	15 51	15 40	25 11		n.a.
W22	18 31	9 5	1 27	20 52	0 26	25 59	2 12	23 5	0 56	22 2	1 10	21 18	0 44	14 17	0 16	23 17	0 12	16 9	3 52	15 51	15 39	25 12		n.a.
T 23	18 47	14 17	0 22	20 24	0 46	25 56	2 12	23 12	0 56	22 0	1 10	21 19	0 44	14 18	0 16	23 17	0 12	16 10	3 52	15 51	15 38	25 14		n.a.
F 24	19 2	18 54	0 s44	19 53	1 6	25 53	2 11	23 20	0 56	21 57	1 10	21 21	0 43	14 19	0 16	23 16	0 12	16 10	3 52	15 51	15 37	25 16		n.a.
S 25	19 18	22 45	1 48	19 20	1 26	25 49	2 11	23 27	0 57	21 55	1 10	21 22	0 43	14 21	0 16	23 16	0 12	16 11	3 52	15 51	15 36	25 17		n.a.
S 26	19 32	25 38	2 47	18 46	1 45	25 45	2 10	23 34	0 57	21 53	1 10	21 23	0 43	14 22	0 16	23 16	0 12	16 12	3 52	15 50	15 35	25 19		n.a.
M27	19 47	27 23	3 38	18 11	2 3	25 39	2 9	23 40	0 57	21 51	1 10	21 24	0 43	14 23	0 16	23 16	0 12	16 12	3 52	15 50	15 34	25 20		n.a.
T 28	20 1	27 54	4 21	17 36	2 20	25 33	2 9	23 46	0 58	21 49	1 9	21 25	0 43	14 24	0 16	23 16	0 12	16 13	3 52	15 49	15 33	25 22		n.a.
W29	20 15	27 7	4 52	17 3	2 35	25 26	2 8	23 52	0 58	21 46	1 9	21 26	0 43	14 25	0 16	23 16	0 12	16 13	3 52	15 48	15 32	25 24		n.a.
T 30	20 s28	25 s 5	5 s10	16 s32	2n48	25 s19	2 s 7	23 s58	0 s58	21 s44	1 s 9	21 s28	0n43	14 s26	0n16	23 s15	0 s12	16 s14	3n51	15n47	15n31	25 s25		n.a.

Julian Day Number = 1372183.5, Delta T = 06h49m42s
Ecliptic obliquity = 23°48'41, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°16'35, Lahiri = -17°09'35 Julian Calendar 1 Nov. 957 BCE == Greg. Calendar 23 Oct. 957 BCE

The year -956 astronomical counting style corresponds to year 957 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 957 BCE
geocentric

DECEMBER 957 BCE (-956) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 3 1	1♐ 3'15	14♒ 9	23°R31	13♑41	16♐13	29♑31	9♐17	9♏ 0	14♑ 7	27♏54	12°R21	11♉26	13♐18	n.a.	F 1
S 2	4 6 58	2° 4'31	26°39	22♏25	14°52	17° 0	29°42	9°24	9° 3	14° 9	27°56	12°D20	11°23	13°25	n.a.	S 2
S 3	4 10 54	3° 5'47	9♓28	21°27	16° 2	17°48	29°53	9°31	9° 6	14°11	27°58	12♉20	11°20	13°31	n.a.	S 3
M 4	4 14 51	4° 7'02	22°41	20°39	17°12	18°35	0♒ 3	9°38	9°10	14°13	28° 0	12°21	11°17	13°38	n.a.	M 4
T 5	4 18 47	5° 8'16	6♈20	20° 0	18°23	19°22	0°15	9°45	9°13	14°15	28° 2	12°22	11°13	13°45	n.a.	T 5
W 6	4 22 44	6° 9'29	20°26	19°31	19°33	20° 9	0°26	9°52	9°17	14°17	28° 5	12°24	11°10	13°51	n.a.	W 6
T 7	4 26 40	7°10'42	4♉59	19°12	20°42	20°57	0°37	9°59	9°20	14°18	28° 7	12°R25	11° 7	13°58	n.a.	T 7
F 8	4 30 37	8°11'54	19°54	19° 2	21°52	21°44	0°48	10° 7	9°23	14°20	28° 9	12°25	11° 4	14° 5	n.a.	F 8
S 9	4 34 34	9°13'06	5♊ 5	19°D 1	23° 2	22°31	1° 0	10°14	9°27	14°22	28°11	12°24	11° 1	14°11	n.a.	S 9
S 10	4 38 30	10°14'16	20°22	19° 8	24°11	23°19	1°11	10°21	9°30	14°24	28°13	12°21	10°58	14°18	n.a.	S 10
M11	4 42 27	11°15'26	5♋35	19°23	25°20	24° 6	1°23	10°28	9°33	14°26	28°15	12°17	10°54	14°25	n.a.	M11
T 12	4 46 23	12°16'36	20°34	19°45	26°29	24°53	1°35	10°35	9°37	14°28	28°17	12°12	10°51	14°31	n.a.	T 12
W13	4 50 20	13°17'45	5♌11	20°14	27°38	25°41	1°46	10°42	9°40	14°30	28°19	12° 8	10°48	14°38	n.a.	W13
T 14	4 54 16	14°18'53	19°21	20°48	28°47	26°28	1°58	10°49	9°43	14°32	28°21	12° 5	10°45	14°45	n.a.	T 14
F 15	4 58 13	15°20'01	3♍ 2	21°27	29°55	27°15	2°10	10°56	9°46	14°34	28°23	12° 2	10°42	14°51	n.a.	F 15
S 16	5 2 9	16°21'08	16°15	22°11	1♒ 4	28° 3	2°22	11° 3	9°49	14°36	28°25	12°D 2	10°39	14°58	n.a.	S 16
S 17	5 6 6	17°22'14	29° 4	23° 0	2°12	28°50	2°35	11°11	9°52	14°38	28°28	12° 2	10°35	15° 5	n.a.	S 17
M18	5 10 3	18°23'20	11♎32	23°52	3°20	29°38	2°47	11°18	9°55	14°40	28°30	12° 4	10°32	15°11	n.a.	M18
T 19	5 13 59	19°24'25	23°45	24°48	4°28	0♑25	2°59	11°25	9°59	14°43	28°32	12° 5	10°29	15°18	n.a.	T 19
W20	5 17 56	20°25'29	5♏45	25°47	5°35	1°12	3°12	11°32	10° 2	14°45	28°34	12° 7	10°26	15°25	n.a.	W20
T 21	5 21 52	21°26'33	17°38	26°48	6°43	2° 0	3°24	11°39	10° 5	14°47	28°36	12°R 7	10°23	15°31	n.a.	T 21
F 22	5 25 49	22°27'35	29°28	27°53	7°50	2°47	3°37	11°46	10° 8	14°49	28°38	12° 5	10°19	15°38	n.a.	F 22
S 23	5 29 45	23°28'37	11♐15	28°59	8°57	3°35	3°49	11°53	10°10	14°51	28°40	12° 1	10°16	15°45	n.a.	S 23
S 24	5 33 42	24°29'37	23° 4	0♐ 8	10° 4	4°22	4° 2	12° 0	10°13	14°53	28°42	11°55	10°13	15°51	n.a.	S 24
M25	5 37 39	25°30'36	4♑56	1°19	11°10	5° 9	4°15	12° 7	10°16	14°55	28°44	11°47	10°10	15°58	n.a.	M25
T 26	5 41 35	26°31'34	16°52	2°32	12°17	5°57	4°28	12°14	10°19	14°58	28°46	11°39	10° 7	16° 5	n.a.	T 26
W27	5 45 32	27°32'31	28°55	3°46	13°23	6°44	4°41	12°21	10°22	15° 0	28°47	11°29	10° 4	16°11	n.a.	W27
T 28	5 49 28	28°33'26	11♒ 5	5° 2	14°28	7°32	4°54	12°28	10°25	15° 2	28°49	11°21	10° 0	16°18	n.a.	T 28
F 29	5 53 25	29°34'19	23°25	6°20	15°34	8°19	5° 7	12°35	10°27	15° 4	28°51	11°13	9°57	16°25	n.a.	F 29
S 30	5 57 21	0♑35'11	5♓57	7°38	16°39	9° 6	5°20	12°42	10°30	15° 6	28°53	11° 8	9°54	16°31	n.a.	S 30
S 31	6 1 18	1♑36'01	18♓45	8♐58	17♒44	9♑54	5♒33	12♐48	10♏33	15♑ 9	28♏55	11♉ 5	9♉51	16♐38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s41	21s52	5s16	16s 4	2n58	25s10	2s 5	24s 4	0s59	21s42	1s 9	21s29	0n43	14s27	0n16	23s15	0s12	16s14	3n51	15n47	15n30	25s27		n.a.
S 2	20 54	17 36	5 6	15 40	3 6	25 1	2 4	24 9	0 59	21 39	1 9	21 30	0 43	14 29	0 16	23 15	0 12	16 15	3 51	15 47	15 29	25 29		n.a.
S 3	21 6	12 28	4 41	15 20	3 11	24 52	2 3	24 14	0 59	21 37	1 9	21 31	0 43	14 30	0 16	23 15	0 12	16 16	3 51	15 47	15 28	25 30		n.a.
M 4	21 18	6 37	4 1	15 4	3 15	24 41	2 1	24 18	1 0	21 34	1 9	21 32	0 43	14 31	0 16	23 15	0 12	16 16	3 51	15 47	15 27	25 32		n.a.
T 5	21 29	0 17	3 6	14 52	3 16	24 30	2 0	24 22	1 0	21 32	1 9	21 33	0 43	14 32	0 16	23 15	0 12	16 17	3 51	15 47	15 26	25 33		n.a.
W 6	21 40	6n17	1 58	14 45	3 16	24 18	1 58	24 26	1 0	21 29	1 9	21 35	0 42	14 33	0 16	23 14	0 12	16 17	3 51	15 48	15 25	25 35		n.a.
T 7	21 51	12 44	0 41	14 42	3 13	24 6	1 56	24 30	1 1	21 27	1 8	21 36	0 42	14 34	0 16	23 14	0 12	16 18	3 51	15 48	15 24	25 36		n.a.
F 8	22 1	18 39	0n41	14 42	3 10	23 53	1 54	24 34	1 1	21 24	1 8	21 37	0 42	14 35	0 16	23 14	0 12	16 18	3 51	15 48	15 23	25 38		n.a.
S 9	22 11	23 28	2 1	14 47	3 5	23 39	1 52	24 37	1 1	21 21	1 8	21 38	0 42	14 36	0 16	23 14	0 12	16 19	3 51	15 48	15 22	25 39		n.a.
S 10	22 20	26 40	3 14	14 54	3 0	23 25	1 50	24 40	1 1	21 19	1 8	21 39	0 42	14 37	0 16	23 14	0 12	16 19	3 51	15 47	15 21	25 41		n.a.
M11	22 29	27 53	4 11	15 4	2 53	23 10	1 48	24 42	1 2	21 16	1 8	21 40	0 42	14 38	0 16	23 13	0 12	16 20	3 51	15 46	15 20	25 43		n.a.
T 12	22 37	27 0	4 51	15 17	2 46	22 54	1 45	24 44	1 2	21 13	1 8	21 41	0 42	14 39	0 16	23 13	0 12	16 21	3 51	15 44	15 19	25 44		n.a.
W13	22 45	24 17	5 11	15 32	2 38	22 38	1 43	24 46	1 2	21 11	1 8	21 42	0 42	14 40	0 16	23 13	0 12	16 21	3 50	15 43	15 18	25 46		n.a.
T 14	22 52	20 9	5 10	15 49	2 30	22 21	1 40	24 48	1 2	21 8	1 8	21 43	0 42	14 41	0 16	23 13	0 13	16 22	3 50	15 42	15 17	25 47		n.a.
F 15	22 59	15 5	4 52	16 8	2 22	22 4	1 37	24 49	1 2	21 5	1 8	21 44	0 42	14 42	0 16	23 12	0 13	16 22	3 50	15 41	15 16	25 49		n.a.
S 16	23 6	9 28	4 19	16 28	2 13	21 46	1 34	24 51	1 3	21 2	1 8	21 46	0 42	14 43	0 16	23 12	0 13	16 23	3 50	15 41	15 15	25 50		n.a.
S 17	23 12	3 38	3 34	16 49	2 4	21 27	1 31	24 51	1 3	20 59	1 8	21 47	0 42	14 44	0 16	23 12	0 13	16 23	3 50	15 41	15 14	25 52		n.a.
M18	23 18	2s12	2 39	17 11	1 55	21 8	1 28	24 52	1 3	20 56	1 8	21 48	0 42	14 45	0 16	23 12	0 13	16 24	3 50	15 42	15 13	25 53		n.a.
T 19	23 23	7 50	1 39	17 33	1 46	20 49	1 25	24 52	1 3	20 53	1 7	21 49	0 42	14 46	0 16	23 12	0 13	16 24	3 50	15 42	15 12	25 55		n.a.
W20	23 28	13 6	0 35	17 56	1 37	20 29	1 22	24 52	1 4	20 50	1 7	21 50	0 42	14 47	0 16	23 11	0 13	16 25	3 50	15 42	15 11	25 56		n.a.
T 21	23 32	17 50	0s30	18 20	1 27	20 8	1 18	24 51	1 4	20 47	1 7	21 51	0 41	14 48	0 16	23 11	0 13	16 25	3 50	15 42	15 10	25 58		n.a.
F 22	23 36	21 52	1 33	18 44	1 18	19 47	1 14	24 51	1 4	20 44	1 7	21 52	0 41	14 49	0 16	23 11	0 13	16 26	3 50	15 42	15 9	25 59		n.a.
S 23	23 39	24 59	2 32	19 7	1 9	19 26	1 11	24 50	1 4	20 41	1 7	21 53	0 41	14 50	0 16	23 11	0 13	16 26	3 50	15 41	15 8	26 1		n.a.
S 24	23 42	27 1	3 24	19 31	1 0	19 4	1 7	24 48	1 4	20 38	1 7	21 54	0 41	14 51	0 16	23 10	0 13	16 27	3 50	15 39	15 7	26 2		n.a.
M25	23 44	27 50	4 7	19 55	0 51	18 42	1 3	24 47	1 4	20 35	1 7	21 55	0 41	14 52	0 16	23 10	0 13	16 27	3 50	15 36	15 6	26 3		n.a.
T 26	23 46	27 21	4 40	20 18	0 42	18 19	0 59	24 45	1 5	20 32	1 7	21 56	0 41	14 53	0 16	23 10	0 13	16 27	3 50	15 34	15 5	26 5		n.a.
W27	23 47	25 35	5 0	20 41	0 33	17 56	0 55	24 43	1 5	20 28	1 7	21 57	0 41	14 54	0 16	23 10	0 13	16 28	3 50	15 31	15 4	26 6		n.a.
T 28	23 48	22 38	5 7	21 4	0 25	17 33	0 50	24 40	1 5	20 25	1 7	21 58	0 41	14 55	0 16	23 9	0 13	16 28	3 50	15 28	15 3	26 8		n.a.
F 29	23 49	18 38	5 1	21 26	0 16	17 9	0 46	24 38	1 5	20 22	1 7	21 59	0 41	14 56	0 16	23 9	0 13	16 29	3 50	15 26	15 2	26 9		n.a.
S 30	23 49	13 47	4 39	21 48	0 8	16 45	0 41	24 34	1 5	20 19	1 7	22 0	0 41	14 56	0 16	23 9	0 13	16 29	3 50	15 24	15 1	26 11		n.a.
S 31	23s48	8s15	4s 4	22s 9	0s 0	16s20	0s37	24s31	1s 5	20s15	1s 7	22s 1	0n41	14s57	0n16	23s 9	0s13	16s30	3n50	15n23	15n 0	26s12		n.a.

Julian Day Number = 1372213.5, Delta T = 06h49m41s
Ecliptic obliquity = 23°48'40, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°16'31, Lahiri = -17°09'31 Julian Calendar 1 Dec. 957 BCE == Greg. Calendar 22 Nov. 957 BCE

The year -956 astronomical counting style corresponds to year 957 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 956 BCE
geocentric

JANUARY 956 BCE (-955) JC 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23s47	2s14	3s15	22s29	0s 8	15s55	0s32	24s27	1s 5	20s12	1s 7	22s 2	0n41	14s58	0n16	23s 9	0s13	16s30	3n50	15n23	14n59	26s13			n.a.
T 2	23 46	4n 3	2 14	22 48	0 16	15 30	0 27	24 24	1 5	20 8	1 7	22 2	0 41	14 59	0 16	23 8	0 13	16 31	3 49	15 23	14 57	26 15			n.a.
W 3	23 44	10 21	1 4	23 7	0 24	15 5	0 22	24 19	1 5	20 5	1 7	22 3	0 41	15 0	0 16	23 8	0 13	16 31	3 49	15 23	14 56	26 16			n.a.
T 4	23 41	16 19	0n13	23 24	0 31	14 39	0 17	24 15	1 6	20 2	1 7	22 4	0 41	15 1	0 16	23 8	0 13	16 31	3 49	15 23	14 55	26 17			n.a.
F 5	23 38	21 30	1 30	23 41	0 38	14 13	0 12	24 10	1 6	19 58	1 7	22 5	0 41	15 1	0 16	23 8	0 13	16 32	3 49	15 23	14 54	26 19			n.a.
S 6	23 35	25 25	2 43	23 57	0 45	13 47	0 6	24 5	1 6	19 55	1 7	22 6	0 41	15 2	0 16	23 7	0 13	16 32	3 49	15 22	14 53	26 20			n.a.
S 7	23 31	27 33	3 45	24 12	0 52	13 21	0 1	24 0	1 6	19 51	1 6	22 7	0 41	15 3	0 16	23 7	0 13	16 33	3 49	15 20	14 52	26 22			n.a.
M 8	23 27	27 36	4 31	24 25	0 58	12 54	0n 5	23 54	1 6	19 48	1 6	22 8	0 41	15 4	0 16	23 7	0 13	16 33	3 49	15 17	14 51	26 23			n.a.
T 9	23 22	25 37	4 58	24 37	1 4	12 27	0 11	23 48	1 6	19 44	1 6	22 9	0 40	15 4	0 16	23 7	0 13	16 33	3 49	15 14	14 50	26 24			n.a.
W10	23 17	21 54	5 4	24 49	1 10	12 0	0 16	23 42	1 6	19 40	1 6	22 9	0 40	15 5	0 16	23 6	0 13	16 34	3 49	15 11	14 49	26 26			n.a.
T 11	23 12	16 58	4 50	24 58	1 16	11 33	0 22	23 35	1 6	19 37	1 6	22 10	0 40	15 6	0 16	23 6	0 13	16 34	3 49	15 9	14 48	26 27			n.a.
F 12	23 5	11 19	4 20	25 7	1 21	11 6	0 28	23 29	1 6	19 33	1 6	22 11	0 40	15 6	0 16	23 6	0 13	16 35	3 49	15 7	14 47	26 28			n.a.
S 13	22 59	5 20	3 37	25 14	1 27	10 39	0 34	23 22	1 6	19 29	1 6	22 12	0 40	15 7	0 16	23 5	0 13	16 35	3 49	15 5	14 46	26 29			n.a.
S 14	22 52	0s41	2 43	25 20	1 31	10 11	0 41	23 14	1 6	19 26	1 6	22 13	0 40	15 8	0 16	23 5	0 13	16 35	3 49	15 5	14 45	26 31			n.a.
M15	22 45	6 29	1 43	25 24	1 36	9 44	0 47	23 7	1 6	19 22	1 6	22 14	0 40	15 8	0 16	23 5	0 13	16 36	3 49	15 5	14 44	26 32			n.a.
T 16	22 37	11 55	0 40	25 27	1 40	9 16	0 53	22 59	1 6	19 18	1 6	22 14	0 40	15 9	0 16	23 5	0 13	16 36	3 49	15 5	14 43	26 33			n.a.
W17	22 28	16 49	0s24	25 28	1 44	8 49	1 0	22 51	1 6	19 14	1 6	22 15	0 40	15 10	0 16	23 4	0 13	16 36	3 49	15 5	14 42	26 35			n.a.
T 18	22 20	21 2	1 25	25 28	1 47	8 21	1 7	22 43	1 6	19 10	1 6	22 16	0 40	15 10	0 16	23 4	0 13	16 37	3 49	15 4	14 41	26 36			n.a.
F 19	22 11	24 22	2 23	25 26	1 51	7 53	1 13	22 34	1 6	19 7	1 6	22 17	0 40	15 11	0 16	23 4	0 13	16 37	3 49	15 3	14 40	26 37			n.a.
S 20	22 1	26 40	3 15	25 22	1 54	7 25	1 20	22 25	1 6	19 3	1 6	22 17	0 40	15 11	0 16	23 4	0 13	16 37	3 49	15 1	14 39	26 38			n.a.
S 21	21 51	27 46	3 58	25 17	1 56	6 58	1 27	22 16	1 6	18 59	1 6	22 18	0 40	15 12	0 16	23 3	0 13	16 38	3 49	14 58	14 38	26 40			n.a.
M22	21 41	27 35	4 31	25 9	1 58	6 30	1 34	22 7	1 6	18 55	1 6	22 19	0 40	15 12	0 17	23 3	0 13	16 38	3 49	14 54	14 37	26 41			n.a.
T 23	21 30	26 5	4 52	25 0	2 0	6 2	1 41	21 58	1 6	18 51	1 6	22 19	0 40	15 13	0 17	23 3	0 13	16 38	3 49	14 50	14 36	26 42			n.a.
W24	21 19	23 21	5 0	24 50	2 1	5 35	1 49	21 48	1 6	18 47	1 6	22 20	0 40	15 13	0 17	23 3	0 13	16 39	3 49	14 45	14 35	26 43			n.a.
T 25	21 7	19 31	4 54	24 37	2 2	5 7	1 56	21 38	1 6	18 43	1 6	22 21	0 40	15 14	0 17	23 2	0 13	16 39	3 49	14 41	14 34	26 45			n.a.
F 26	20 55	14 48	4 34	24 22	2 2	4 40	2 3	21 28	1 6	18 39	1 6	22 22	0 40	15 14	0 17	23 2	0 13	16 39	3 49	14 37	14 33	26 46			n.a.
S 27	20 43	9 22	4 0	24 5	2 2	4 13	2 11	21 17	1 5	18 35	1 6	22 22	0 40	15 15	0 17	23 2	0 13	16 39	3 49	14 34	14 32	26 47			n.a.
S 28	20 30	3 28	3 13	23 47	2 2	3 45	2 18	21 6	1 5	18 31	1 6	22 23	0 40	15 15	0 17	23 2	0 13	16 40	3 49	14 32	14 31	26 48			n.a.
M29	20 17	2n42	2 15	23 26	2 1	3 18	2 26	20 55	1 5	18 27	1 6	22 23	0 40	15 16	0 17	23 1	0 13	16 40	3 49	14 31	14 30	26 49			n.a.
T 30	20 4	8 52	1 9	23 3	1 59	2 52	2 34	20 44	1 5	18 23	1 6	22 24	0 40	15 16	0 17	23 1	0 13	16 40	3 49	14 31	14 29	26 51			n.a.
W31	19s50	14n46	0n 3	22s39	1s57	2s25	2n42	20s33	1s 5	18s19	1s 6	22s25	0n40	15s16	0n17	23s 1	0s13	16s40	3n49	14n31	14n28	26s52			n.a.

Julian Day Number = 1372244.5, Delta T = 06h49m39s
Ecliptic obliquity = 23°48'40, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°16'27, Lahiri = -17°09'27 Julian Calendar 1 Jan. 956 BCE == Greg. Calendar 23 Dec. 957 BCE

The year -955 astronomical counting style corresponds to year 956 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 956 BCE
geocentric

FEBRUARY 956 BCE (-955) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 7 28	3♒47'40	23♉ 3	0♒38	18♓37	5♒ 1	12♒58	16♐10	11♏35	16♑21	29♏44	8°R22	8♉ 9	20♐12	n.a.	T 1
F 2	8 11 24	4°47'30	7♊24	2°31	19°25	5°48	13°12	16°15	11°36	16°23	29°46	8♉20	8° 6	20°18	n.a.	F 2
S 3	8 15 21	5°47'17	22° 2	4°26	20°11	6°34	13°27	16°21	11°37	16°25	29°47	8°16	8° 3	20°25	n.a.	S 3
S 4	8 19 17	6°47'01	6♋53	6°22	20°57	7°21	13°41	16°26	11°38	16°27	29°48	8° 8	8° 0	20°32	n.a.	S 4
M 5	8 23 14	7°46'44	21°49	8°19	21°42	8° 7	13°55	16°31	11°39	16°29	29°49	7°58	7°57	20°39	n.a.	M 5
T 6	8 27 10	8°46'24	6♌41	10°16	22°26	8°54	14°10	16°37	11°40	16°32	29°50	7°47	7°53	20°45	n.a.	T 6
W 7	8 31 7	9°46'02	21°21	12°15	23° 8	9°40	14°24	16°42	11°41	16°34	29°51	7°35	7°50	20°52	n.a.	W 7
T 8	8 35 4	10°45'37	5♍40	14°14	23°50	10°27	14°39	16°47	11°42	16°36	29°52	7°24	7°47	20°59	n.a.	T 8
F 9	8 39 0	11°45'11	19°34	16°13	24°30	11°13	14°53	16°52	11°43	16°38	29°53	7°15	7°44	21° 5	n.a.	F 9
S 10	8 42 57	12°44'42	3♎ 0	18°13	25° 9	12° 0	15° 8	16°57	11°43	16°40	29°54	7° 9	7°41	21°12	n.a.	S 10
S 11	8 46 53	13°44'12	15°59	20°13	25°47	12°46	15°22	17° 2	11°44	16°42	29°55	7° 6	7°37	21°19	n.a.	S 11
M12	8 50 50	14°43'40	28°33	22°13	26°24	13°33	15°36	17° 7	11°45	16°44	29°55	7° 4	7°34	21°25	n.a.	M12
T 13	8 54 46	15°43'06	10♏49	24°13	26°59	14°19	15°51	17°12	11°45	16°46	29°56	7° 4	7°31	21°32	n.a.	T 13
W14	8 58 43	16°42'30	22°49	26°12	27°33	15° 5	16° 5	17°16	11°46	16°48	29°57	7° 4	7°28	21°39	n.a.	W14
T 15	9 2 39	17°41'52	4♐41	28°11	28° 6	15°51	16°20	17°21	11°46	16°50	29°58	7° 3	7°25	21°45	n.a.	T 15
F 16	9 6 36	18°41'12	16°30	0♓ 8	28°37	16°38	16°34	17°26	11°47	16°52	29°59	7° 0	7°22	21°52	n.a.	F 16
S 17	9 10 33	19°40'30	28°19	2° 3	29° 7	17°24	16°49	17°30	11°47	16°54	29°59	6°54	7°18	21°59	n.a.	S 17
S 18	9 14 29	20°39'47	10♑14	3°56	29°35	18°10	17° 3	17°35	11°48	16°56	29°59	6°46	7°15	22° 5	n.a.	S 18
M19	9 18 26	21°39'01	22°18	5°47	0♈ 1	18°56	17°17	17°39	11°48	16°58	0♐ 1	6°35	7°12	22°12	n.a.	M19
T 20	9 22 22	22°38'13	4♒33	7°35	0°26	19°42	17°32	17°43	11°48	17° 0	0° 1	6°23	7° 9	22°19	n.a.	T 20
W21	9 26 19	23°37'23	17° 0	9°20	0°48	20°28	17°46	17°48	11°48	17° 2	0° 2	6° 9	7° 6	22°25	n.a.	W21
T 22	9 30 15	24°36'31	29°40	11° 1	1° 9	21°14	18° 1	17°52	11°48	17° 4	0° 2	5°57	7° 3	22°32	n.a.	T 22
F 23	9 34 12	25°35'37	12♓32	12°38	1°29	22° 0	18°15	17°56	11°48	17° 6	0° 3	5°46	6°59	22°39	n.a.	F 23
S 24	9 38 8	26°34'40	25°36	14°10	1°46	22°46	18°29	18° 0	11°R48	17° 8	0° 3	5°38	6°56	22°46	n.a.	S 24
S 25	9 42 5	27°33'41	8♈50	15°38	2° 1	23°32	18°44	18° 4	11°48	17°10	0° 4	5°32	6°53	22°52	n.a.	S 25
M26	9 46 1	28°32'40	22°16	17° 1	2°14	24°17	18°58	18° 8	11°48	17°12	0° 4	5°29	6°50	22°59	n.a.	M26
T 27	9 49 58	29°31'36	5♉52	18°18	2°25	25° 3	19°12	18°11	11°48	17°13	0° 5	5°D29	6°47	23° 6	n.a.	T 27
W28	9 53 55	0♓30'30	19♉39	19♓30	2♈33	25♒49	19♒27	18♐15	11♏48	17♑15	0♐ 5	5♉29	6♉43	23♐12	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s36	20n 3	1n17	22s12	1s55	1s59	2n50	20s21	1s 5	18s15	1s 6	22s25	0n40	15s17	0n17	23s 1	0s13	16s41	3n49	14n31	14n27	26s53		n.a.
F 2	19 22	24 18	2 27	21 43	1 52	1 32	2 58	20 10	1 5	18 10	1 6	22 26	0 40	15 17	0 17	23 0	0 13	16 41	3 49	14 30	14 26	26 54		n.a.
S 3	19 7	27 2	3 29	21 12	1 48	1 6	3 6	19 58	1 5	18 6	1 6	22 27	0 40	15 18	0 17	23 0	0 13	16 41	3 49	14 29	14 24	26 55		n.a.
S 4	18 52	27 54	4 17	20 39	1 44	0 41	3 14	19 46	1 5	18 2	1 6	22 27	0 40	15 18	0 17	23 0	0 13	16 41	3 49	14 26	14 23	26 56		n.a.
M 5	18 36	26 45	4 48	20 4	1 39	0 15	3 22	19 33	1 4	17 58	1 6	22 28	0 40	15 18	0 17	23 0	0 13	16 42	3 49	14 23	14 22	26 58		n.a.
T 6	18 21	23 43	5 0	19 27	1 34	0n10	3 30	19 21	1 4	17 54	1 6	22 28	0 39	15 18	0 17	22 59	0 13	16 42	3 49	14 19	14 21	26 59		n.a.
W 7	18 5	19 12	4 52	18 48	1 28	0 34	3 38	19 8	1 4	17 49	1 6	22 29	0 39	15 19	0 17	22 59	0 13	16 42	3 49	14 15	14 20	27 0		n.a.
T 8	17 48	13 40	4 25	18 7	1 21	0 58	3 47	18 55	1 4	17 45	1 6	22 29	0 39	15 19	0 17	22 59	0 13	16 42	3 49	14 12	14 19	27 1		n.a.
F 9	17 32	7 36	3 43	17 24	1 14	1 22	3 55	18 42	1 4	17 41	1 7	22 30	0 39	15 19	0 17	22 59	0 13	16 42	3 49	14 9	14 18	27 2		n.a.
S 10	17 15	1 23	2 50	16 39	1 6	1 46	4 3	18 29	1 4	17 37	1 7	22 30	0 39	15 19	0 17	22 58	0 13	16 43	3 49	14 7	14 17	27 3		n.a.
S 11	16 58	4s42	1 49	15 53	0 58	2 9	4 12	18 15	1 3	17 32	1 7	22 31	0 39	15 20	0 17	22 58	0 13	16 43	3 49	14 6	14 16	27 4		n.a.
M12	16 40	10 26	0 45	15 5	0 49	2 31	4 20	18 2	1 3	17 28	1 7	22 31	0 39	15 20	0 17	22 58	0 13	16 43	3 49	14 5	14 15	27 5		n.a.
T 13	16 22	15 37	0s20	14 16	0 39	2 53	4 29	17 48	1 3	17 24	1 7	22 32	0 39	15 20	0 17	22 58	0 13	16 43	3 49	14 5	14 14	27 7		n.a.
W14	16 4	20 5	1 22	13 26	0 29	3 15	4 37	17 34	1 3	17 19	1 7	22 32	0 39	15 20	0 17	22 57	0 13	16 43	3 49	14 5	14 13	27 8		n.a.
T 15	15 46	23 43	2 21	12 35	0 18	3 36	4 46	17 20	1 3	17 15	1 7	22 33	0 39	15 20	0 17	22 57	0 13	16 43	3 49	14 5	14 12	27 9		n.a.
F 16	15 27	26 18	3 13	11 43	0 7	3 56	4 54	17 5	1 3	17 10	1 7	22 33	0 39	15 20	0 17	22 57	0 13	16 43	3 49	14 4	14 11	27 10		n.a.
S 17	15 9	27 44	3 56	10 50	0n 4	4 16	5 3	16 51	1 2	17 6	1 7	22 34	0 39	15 21	0 17	22 57	0 13	16 44	3 49	14 2	14 10	27 11		n.a.
S 18	14 50	27 53	4 30	9 58	0 16	4 35	5 11	16 36	1 2	17 2	1 7	22 34	0 39	15 21	0 17	22 56	0 13	16 44	3 49	13 59	14 9	27 12		n.a.
M19	14 30	26 44	4 52	9 5	0 28	4 53	5 20	16 21	1 2	16 57	1 7	22 35	0 39	15 21	0 17	22 56	0 13	16 44	3 49	13 55	14 8	27 13		n.a.
T 20	14 11	24 17	5 1	8 13	0 41	5 10	5 28	16 7	1 2	16 53	1 7	22 35	0 39	15 21	0 17	22 56	0 13	16 44	3 50	13 51	14 7	27 14		n.a.
W21	13 51	20 40	4 56	7 22	0 53	5 27	5 36	15 52	1 1	16 48	1 7	22 35	0 39	15 21	0 17	22 56	0 13	16 44	3 50	13 47	14 6	27 15		n.a.
T 22	13 31	16 3	4 36	6 32	1 6	5 43	5 45	15 36	1 1	16 44	1 7	22 36	0 39	15 21	0 17	22 55	0 13	16 44	3 50	13 43	14 5	27 16		n.a.
F 23	13 11	10 41	4 2	5 43	1 19	5 58	5 53	15 21	1 1	16 40	1 7	22 36	0 39	15 21	0 17	22 55	0 13	16 44	3 50	13 39	14 3	27 17		n.a.
S 24	12 51	4 45	3 15	4 55	1 31	6 13	6 1	15 6	1 1	16 35	1 7	22 37	0 39	15 21	0 17	22 55	0 13	16 44	3 50	13 36	14 2	27 18		n.a.
S 25	12 30	1n28	2 17	4 10	1 43	6 26	6 9	14 50	1 0	16 31	1 7	22 37	0 39	15 21	0 17	22 55	0 13	16 44	3 50	13 34	14 1	27 19		n.a.
M26	12 10	7 43	1 10	3 27	1 55	6 38	6 17	14 34	1 0	16 26	1 7	22 37	0 39	15 21	0 17	22 55	0 13	16 44	3 50	13 33	14 0	27 20		n.a.
T 27	11 49	13 43	0n 2	2 45	2 7	6 50	6 24	14 19	1 0	16 22	1 8	22 38	0 39	15 21	0 17	22 54	0 13	16 45	3 50	13 33	13 59	27 21		n.a.
W28	11s28	19n 7	1n15	2s 7	2n18	7n 0	6n32	14s 3	1s 0	16s17	1s 8	22s38	0n39	15s21	0n17	22s54	0s14	16s45	3n50	13n33	13n58	27s22		n.a.

Julian Day Number = 1372275.5, Delta T = 06h49m37s
Ecliptic obliquity = 23°48'41, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°16'23, Lahiri = -17°09'22 Julian Calendar 1 Feb. 956 BCE == Greg. Calendar 23 Jan. 956 BCE

The year -955 astronomical counting style corresponds to year 956 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 956 BCE
geocentric

MARCH 956 BCE (-955) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 57 51	1♓29'22	3♊38	20♓36	2♈40	26♒34	19♒41	18♐18	11°R48	17♑17	0♐ 5	5°R29	6♉40	23♐19	n.a.	T 1
F 2	10 1 48	2°28'11	17°48	21°35	2°44	27°20	19°55	18°22	11♏47	17°19	0° 6	5♉28	6°37	23°26	n.a.	F 2
S 3	10 5 44	3°26'58	2♋ 8	22°29	2°R46	28° 6	20°10	18°25	11°47	17°20	0° 6	5°25	6°34	23°32	n.a.	S 3
S 4	10 9 41	4°25'42	16°35	23°16	2°45	28°51	20°24	18°29	11°47	17°22	0° 6	5°20	6°31	23°39	n.a.	S 4
M 5	10 13 37	5°24'24	1♌ 5	23°57	2°42	29°37	20°38	18°32	11°46	17°24	0° 6	5°12	6°28	23°46	n.a.	M 5
T 6	10 17 34	6°23'04	15°32	24°32	2°36	0♓22	20°52	18°35	11°46	17°25	0° 7	5° 3	6°24	23°52	n.a.	T 6
W 7	10 21 30	7°21'41	29°49	25° 0	2°28	1° 7	21° 6	18°38	11°45	17°27	0° 7	4°54	6°21	23°59	n.a.	W 7
T 8	10 25 27	8°20'16	13♍50	25°21	2°17	1°53	21°20	18°41	11°44	17°29	0° 7	4°45	6°18	24° 6	n.a.	T 8
F 9	10 29 24	9°18'50	27°32	25°36	2° 4	2°38	21°34	18°44	11°44	17°30	0° 7	4°38	6°15	24°12	n.a.	F 9
S 10	10 33 20	10°17'21	10♎52	25°45	1°49	3°23	21°48	18°47	11°43	17°32	0° 7	4°33	6°12	24°19	n.a.	S 10
S 11	10 37 17	11°15'50	23°48	25°R47	1°31	4° 8	22° 3	18°50	11°42	17°33	0°R 7	4°31	6° 8	24°26	n.a.	S 11
M12	10 41 13	12°14'17	6♏24	25°44	1°10	4°53	22°16	18°52	11°41	17°35	0° 7	4°D30	6° 5	24°33	n.a.	M12
T 13	10 45 10	13°12'43	18°41	25°34	0°48	5°38	22°30	18°55	11°41	17°36	0° 7	4°31	6° 2	24°39	n.a.	T 13
W14	10 49 6	14°11'07	0♐44	25°19	0°23	6°24	22°44	18°57	11°40	17°38	0° 7	4°32	5°59	24°46	n.a.	W14
T 15	10 53 3	15° 9'29	12°39	24°59	29♓56	7° 8	22°58	19° 0	11°39	17°39	0° 7	4°R33	5°56	24°53	n.a.	T 15
F 16	10 56 59	16° 7'50	24°29	24°34	29°27	7°53	23°12	19° 2	11°38	17°41	0° 7	4°32	5°53	24°59	n.a.	F 16
S 17	11 0 56	17° 6'09	6♑21	24° 5	28°57	8°38	23°26	19° 4	11°37	17°42	0° 7	4°30	5°49	25° 6	n.a.	S 17
S 18	11 4 52	18° 4'26	18°20	23°33	28°24	9°23	23°40	19° 6	11°36	17°43	0° 6	4°26	5°46	25°13	n.a.	S 18
M19	11 8 49	19° 2'42	0♒28	22°57	27°50	10° 8	23°53	19° 8	11°35	17°45	0° 6	4°20	5°43	25°19	n.a.	M19
T 20	11 12 46	20° 0'55	12°50	22°20	27°15	10°53	24° 7	19°10	11°33	17°46	0° 6	4°13	5°40	25°26	n.a.	T 20
W21	11 16 42	20°59'07	25°27	21°40	26°39	11°37	24°21	19°12	11°32	17°47	0° 6	4° 6	5°37	25°33	n.a.	W21
T 22	11 20 39	21°57'18	8♓22	21° 0	26° 2	12°22	24°34	19°13	11°31	17°49	0° 5	3°58	5°34	25°39	n.a.	T 22
F 23	11 24 35	22°55'26	21°32	20°20	25°25	13° 7	24°48	19°15	11°30	17°50	0° 5	3°52	5°30	25°46	n.a.	F 23
S 24	11 28 32	23°53'32	4♈58	19°41	24°47	13°51	25° 1	19°17	11°28	17°51	0° 5	3°47	5°27	25°53	n.a.	S 24
S 25	11 32 28	24°51'37	18°37	19° 3	24° 9	14°36	25°15	19°18	11°27	17°52	0° 4	3°44	5°24	26° 0	n.a.	S 25
M26	11 36 25	25°49'40	2♉26	18°26	23°31	15°20	25°28	19°19	11°25	17°53	0° 4	3°D43	5°21	26° 6	n.a.	M26
T 27	11 40 21	26°47'41	16°24	17°53	22°53	16° 4	25°42	19°21	11°24	17°54	0° 3	3°44	5°18	26°13	n.a.	T 27
W28	11 44 18	27°45'40	0♊29	17°22	22°16	16°49	25°55	19°22	11°22	17°55	0° 3	3°45	5°14	26°20	n.a.	W28
T 29	11 48 14	28°43'37	14°37	16°55	21°40	17°33	26° 8	19°23	11°21	17°56	0° 2	3°46	5°11	26°26	n.a.	T 29
F 30	11 52 11	29°41'32	28°48	16°31	21° 5	18°17	26°21	19°24	11°19	17°57	0° 2	3°R47	5° 8	26°33	n.a.	F 30
S 31	11 56 8	0♈39'25	13♋ 0	16♓12	20♓31	19♓ 1	26♒35	19♐24	11♏18	17♑58	0♐ 1	3♉46	5♉ 5	26♐40	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11s 7	23n34	2n24	1s31	2n28	7n 9	6n39	13s47	0s59	16s13	1s 8	22s38	0n39	15s21	0n17	22s54	0s14	16s45	3n50	13n33	13n57	27s23			n.a.
F 2	10 45	26 39	3 25	0 58	2 38	7 17	6 46	13 30	0 59	16 8	1 8	22 39	0 39	15 21	0 17	22 54	0 14	16 45	3 50	13 33	13 56	27 24			n.a.
S 3	10 24	28 2	4 15	0 29	2 47	7 24	6 52	13 14	0 59	16 4	1 8	22 39	0 39	15 20	0 17	22 53	0 14	16 45	3 50	13 32	13 55	27 25			n.a.
S 4	10 2	27 32	4 48	0 2	2 55	7 29	6 58	12 58	0 58	15 59	1 8	22 39	0 39	15 20	0 17	22 53	0 14	16 45	3 50	13 30	13 54	27 26			n.a.
M 5	9 40	25 9	5 3	0n21	3 2	7 33	7 4	12 41	0 58	15 55	1 8	22 40	0 39	15 20	0 17	22 53	0 14	16 45	3 50	13 27	13 53	27 27			n.a.
T 6	9 18	21 11	4 59	0 40	3 9	7 36	7 10	12 25	0 58	15 50	1 8	22 40	0 39	15 20	0 17	22 53	0 14	16 45	3 50	13 24	13 52	27 28			n.a.
W 7	8 56	16 0	4 36	0 56	3 14	7 38	7 15	12 8	0 57	15 46	1 8	22 40	0 39	15 20	0 17	22 53	0 14	16 45	3 50	13 21	13 51	27 28			n.a.
T 8	8 34	10 5	3 57	1 9	3 18	7 38	7 20	11 51	0 57	15 41	1 8	22 41	0 39	15 20	0 17	22 52	0 14	16 45	3 50	13 18	13 50	27 29			n.a.
F 9	8 12	3 48	3 5	1 17	3 21	7 36	7 24	11 35	0 57	15 37	1 8	22 41	0 39	15 19	0 17	22 52	0 14	16 45	3 50	13 16	13 49	27 30			n.a.
S 10	7 50	2s29	2 3	1 22	3 22	7 33	7 27	11 18	0 56	15 32	1 8	22 41	0 39	15 19	0 17	22 52	0 14	16 45	3 50	13 14	13 48	27 31			n.a.
S 11	7 27	8 30	0 57	1 23	3 22	7 29	7 31	11 1	0 56	15 27	1 9	22 41	0 39	15 19	0 17	22 52	0 14	16 45	3 50	13 13	13 47	27 32			n.a.
M12	7 4	14 1	0s10	1 21	3 21	7 23	7 33	10 44	0 56	15 23	1 9	22 42	0 39	15 19	0 17	22 52	0 14	16 45	3 50	13 13	13 45	27 33			n.a.
T 13	6 42	18 52	1 16	1 14	3 18	7 15	7 35	10 26	0 55	15 18	1 9	22 42	0 39	15 18	0 17	22 52	0 14	16 45	3 50	13 13	13 44	27 34			n.a.
W14	6 19	22 51	2 16	1 5	3 14	7 6	7 36	10 9	0 55	15 14	1 9	22 42	0 39	15 18	0 17	22 51	0 14	16 45	3 50	13 14	13 43	27 35			n.a.
T 15	5 56	25 49	3 11	0 51	3 9	6 55	7 36	9 52	0 55	15 9	1 9	22 42	0 39	15 18	0 17	22 51	0 14	16 45	3 50	13 14	13 42	27 36			n.a.
F 16	5 33	27 38	3 56	0 35	3 2	6 43	7 36	9 35	0 54	15 5	1 9	22 42	0 39	15 18	0 17	22 51	0 14	16 45	3 50	13 14	13 41	27 36			n.a.
S 17	5 10	28 11	4 32	0 16	2 53	6 30	7 34	9 17	0 54	15 0	1 9	22 43	0 39	15 17	0 17	22 51	0 14	16 45	3 50	13 13	13 40	27 37			n.a.
S 18	4 47	27 25	4 56	0s 6	2 43	6 15	7 32	9 0	0 54	14 56	1 9	22 43	0 39	15 17	0 17	22 51	0 14	16 45	3 50	13 12	13 39	27 38			n.a.
M19	4 24	25 22	5 7	0 31	2 32	5 59	7 30	8 42	0 53	14 51	1 9	22 43	0 39	15 16	0 17	22 51	0 14	16 44	3 50	13 10	13 38	27 39			n.a.
T 20	4 1	22 5	5 5	0 57	2 20	5 42	7 26	8 25	0 53	14 47	1 10	22 43	0 39	15 16	0 17	22 50	0 14	16 44	3 50	13 7	13 37	27 40			n.a.
W21	3 38	17 44	4 47	1 25	2 7	5 23	7 21	8 7	0 52	14 42	1 10	22 43	0 39	15 16	0 17	22 50	0 14	16 44	3 50	13 5	13 36	27 41			n.a.
T 22	3 14	12 29	4 15	1 54	1 52	5 3	7 16	7 49	0 52	14 38	1 10	22 43	0 39	15 15	0 17	22 50	0 14	16 44	3 50	13 2	13 35	27 41			n.a.
F 23	2 51	6 35	3 28	2 24	1 37	4 42	7 10	7 32	0 52	14 33	1 10	22 44	0 39	15 15	0 17	22 50	0 14	16 44	3 50	13 0	13 34	27 42			n.a.
S 24	2 28	0 17	2 30	2 54	1 21	4 21	7 3	7 14	0 51	14 29	1 10	22 44	0 39	15 14	0 17	22 50	0 14	16 44	3 50	12 58	13 33	27 43			n.a.
S 25	2 4	6n 9	1 21	3 24	1 5	3 59	6 55	6 56	0 51	14 24	1 10	22 44	0 39	15 14	0 17	22 50	0 14	16 44	3 50	12 57	13 32	27 44			n.a.
M26	1 41	12 24	0 7	3 54	0 49	3 36	6 47	6 38	0 50	14 20	1 10	22 44	0 39	15 14	0 17	22 50	0 14	16 44	3 50	12 57	13 30	27 44			n.a.
T 27	1 18	18 6	1n 9	4 22	0 32	3 12	6 37	6 20	0 50	14 15	1 10	22 44	0 39	15 13	0 17	22 49	0 14	16 44	3 50	12 57	13 29	27 45			n.a.
W28	0 54	22 51	2 21	4 50	0 15	2 48	6 27	6 3	0 50	14 11	1 11	22 44	0 39	15 13	0 17	22 49	0 14	16 44	3 50	12 58	13 28	27 46			n.a.
T 29	0 31	26 17	3 24	5 16	0s 1	2 24	6 17	5 45	0 49	14 6	1 11	22 44	0 39	15 12	0 17	22 49	0 14	16 44	3 50	12 58	13 27	27 47			n.a.
F 30	0 7	28 4	4 16	5 40	0 17	2 0	6 6	5 27	0 49	14 2	1 11	22 44	0 39	15 12	0 17	22 49	0 14	16 43	3 50	12 58	13 26	27 47			n.a.
S 31	0n16	28n 0	4n52	6s 2	0s33	1n36	5n54	5s 9	0s48	13s58	1s11	22s44	0n39	15s11	0n17	22s49	0s14	16s43	3n50	12n58	13n25	27s48			n.a.

Julian Day Number = 1372303.5, Delta T = 06h49m36s
Ecliptic obliquity = 23°48'41, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°16'19, Lahiri = -17°09'19 Julian Calendar 1 March 956 BCE == Greg. Calendar 20 Feb. 956 BCE

The year -955 astronomical counting style corresponds to year 956 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 956 BCE
geocentric

APRIL 956 BCE (-955) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 0 4	1♈37'16	27♋10	15°R57	19°R59	19♓45	26♒48	19♐25	11°R16	17♑59	0°R 1	3°R44	5♉ 2	26♐46	n.a.	S 1
M 2	12 4 1	2°35'05	11♌16	15♓47	19♓28	20°29	27° 1	19°26	11♏14	18° 0	0♐ 0	3♉41	4°59	26°53	n.a.	M 2
T 3	12 7 57	3°32'52	25°15	15°41	18°59	21°13	27°14	19°26	11°12	18° 1	29♏59	3°37	4°55	27° 0	n.a.	T 3
W 4	12 11 54	4°30'38	9♍ 4	15°D40	18°32	21°57	27°27	19°27	11°11	18° 2	29°59	3°32	4°52	27° 6	n.a.	W 4
T 5	12 15 50	5°28'21	22°40	15°43	18° 7	22°41	27°39	19°27	11° 9	18° 3	29°58	3°28	4°49	27°13	n.a.	T 5
F 6	12 19 47	6°26'03	6♎ 0	15°51	17°45	23°25	27°52	19°27	11° 7	18° 4	29°57	3°25	4°46	27°20	n.a.	F 6
S 7	12 23 43	7°23'44	19° 3	16° 4	17°24	24° 9	28° 5	19°28	11° 5	18° 4	29°57	3°23	4°43	27°27	n.a.	S 7
S 8	12 27 40	8°21'23	1♏49	16°21	17° 6	24°53	28°18	19°R28	11° 3	18° 5	29°56	3°D22	4°40	27°33	n.a.	S 8
M 9	12 31 37	9°19'00	14°18	16°43	16°50	25°36	28°30	19°28	11° 1	18° 6	29°55	3°23	4°36	27°40	n.a.	M 9
T 10	12 35 33	10°16'37	26°33	17° 9	16°37	26°20	28°43	19°27	10°59	18° 7	29°54	3°24	4°33	27°47	n.a.	T 10
W11	12 39 30	11°14'12	8♐36	17°40	16°26	27° 3	28°55	19°27	10°57	18° 7	29°53	3°25	4°30	27°53	n.a.	W11
T 12	12 43 26	12°11'47	20°31	18°14	16°18	27°47	29° 7	19°27	10°55	18° 8	29°53	3°27	4°27	28° 0	n.a.	T 12
F 13	12 47 23	13° 9'20	2♑23	18°52	16°12	28°30	29°20	19°26	10°53	18° 8	29°52	3°28	4°24	28° 7	n.a.	F 13
S 14	12 51 19	14° 6'52	14°16	19°34	16° 8	29°14	29°32	19°26	10°51	18° 9	29°51	3°R29	4°20	28°13	n.a.	S 14
S 15	12 55 16	15° 4'23	26°16	20°20	16°D 7	29°57	29°44	19°25	10°49	18° 9	29°50	3°28	4°17	28°20	n.a.	S 15
M16	12 59 12	16° 1'53	8♒25	21°10	16° 8	0♈41	29°56	19°25	10°47	18°10	29°49	3°27	4°14	28°27	n.a.	M16
T 17	13 3 9	16°59'22	20°50	22° 2	16°12	1°24	0♓ 8	19°24	10°45	18°10	29°48	3°25	4°11	28°34	n.a.	T 17
W18	13 7 6	17°56'50	3♓32	22°59	16°18	2° 7	0°20	19°23	10°43	18°11	29°47	3°23	4° 8	28°40	n.a.	W18
T 19	13 11 2	18°54'17	16°35	23°58	16°26	2°50	0°32	19°22	10°40	18°11	29°46	3°21	4° 5	28°47	n.a.	T 19
F 20	13 14 59	19°51'42	29°58	25° 1	16°36	3°33	0°44	19°21	10°38	18°11	29°45	3°19	4° 1	28°54	n.a.	F 20
S 21	13 18 55	20°49'07	13♈42	26° 7	16°48	4°16	0°55	19°20	10°36	18°12	29°44	3°18	3°58	29° 0	n.a.	S 21
S 22	13 22 52	21°46'31	27°44	27°15	17° 2	4°59	1° 7	19°18	10°34	18°12	29°43	3°D17	3°55	29° 7	n.a.	S 22
M23	13 26 48	22°43'54	11♉59	28°27	17°18	5°42	1°18	19°17	10°31	18°12	29°41	3°18	3°52	29°14	n.a.	M23
T 24	13 30 45	23°41'16	26°24	29°42	17°36	6°25	1°30	19°15	10°29	18°12	29°40	3°18	3°49	29°20	n.a.	T 24
W25	13 34 41	24°38'36	10♊53	0♈59	17°56	7° 8	1°41	19°14	10°27	18°13	29°39	3°19	3°45	29°27	n.a.	W25
T 26	13 38 38	25°35'56	25°21	2°20	18°18	7°51	1°52	19°12	10°24	18°13	29°38	3°19	3°42	29°34	n.a.	T 26
F 27	13 42 35	26°33'14	9♋45	3°43	18°41	8°33	2° 4	19°10	10°22	18°13	29°37	3°20	3°39	29°41	n.a.	F 27
S 28	13 46 31	27°30'31	24° 0	5° 8	19° 6	9°16	2°15	19° 9	10°20	18°13	29°36	3°R20	3°36	29°47	n.a.	S 28
S 29	13 50 28	28°27'47	8♌ 4	6°37	19°33	9°58	2°26	19° 7	10°17	18°13	29°34	3°20	3°33	29°54	n.a.	S 29
M30	13 54 24	29♈25'01	21♌55	8♈ 8	20♓ 1	10♈41	2♓36	19♐ 5	10♏15	18°R13	29♏33	3♉20	3♉30	0♑ 1	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n39	26n 7	5n10	6s22	0s48	1n12	5n42	4s51	0s48	13s53	1s11	22s45	0n39	15s11	0n17	22s49	0s14	16s43	3n50	12n57	13n24	27s49		n.a.
M 2	1 3	22 36	5 9	6 39	1 3	0 48	5 29	4 33	0 47	13 49	1 11	22 45	0 38	15 10	0 17	22 49	0 14	16 43	3 50	12 56	13 23	27 50		n.a.
T 3	1 26	17 51	4 50	6 54	1 17	0 25	5 17	4 15	0 47	13 44	1 11	22 45	0 38	15 10	0 17	22 49	0 14	16 43	3 50	12 55	13 22	27 50		n.a.
W 4	1 49	12 12	4 14	7 7	1 30	0 2	5 3	3 57	0 46	13 40	1 12	22 45	0 38	15 9	0 17	22 49	0 14	16 43	3 50	12 53	13 21	27 51		n.a.
T 5	2 12	6 4	3 25	7 17	1 42	0s20	4 50	3 39	0 46	13 36	1 12	22 45	0 38	15 8	0 17	22 48	0 14	16 43	3 50	12 52	13 20	27 52		n.a.
F 6	2 36	0s13	2 24	7 24	1 54	0 41	4 36	3 21	0 46	13 31	1 12	22 45	0 38	15 8	0 17	22 48	0 14	16 42	3 50	12 51	13 19	27 52		n.a.
S 7	2 59	6 23	1 18	7 29	2 5	1 2	4 23	3 3	0 45	13 27	1 12	22 45	0 38	15 7	0 17	22 48	0 14	16 42	3 50	12 50	13 17	27 53		n.a.
S 8	3 22	12 9	0 9	7 31	2 15	1 21	4 9	2 45	0 45	13 23	1 12	22 45	0 38	15 7	0 17	22 48	0 14	16 42	3 50	12 50	13 16	27 54		n.a.
M 9	3 45	17 20	1s 0	7 31	2 24	1 40	3 55	2 27	0 44	13 18	1 12	22 45	0 38	15 6	0 17	22 48	0 14	16 42	3 50	12 50	13 15	27 54		n.a.
T 10	4 8	21 42	2 4	7 28	2 32	1 58	3 41	2 9	0 44	13 14	1 13	22 45	0 38	15 5	0 17	22 48	0 14	16 42	3 50	12 50	13 14	27 55		n.a.
W11	4 31	25 4	3 2	7 23	2 39	2 15	3 28	1 51	0 43	13 10	1 13	22 45	0 38	15 5	0 17	22 48	0 14	16 42	3 50	12 51	13 13	27 56		n.a.
T 12	4 54	27 18	3 51	7 15	2 45	2 31	3 14	1 33	0 43	13 6	1 13	22 45	0 38	15 4	0 17	22 48	0 14	16 41	3 50	12 52	13 12	27 56		n.a.
F 13	5 16	28 18	4 30	7 5	2 51	2 46	3 1	1 15	0 42	13 1	1 13	22 45	0 38	15 4	0 17	22 48	0 14	16 41	3 50	12 52	13 11	27 57		n.a.
S 14	5 39	27 58	4 58	6 53	2 56	2 59	2 47	0 57	0 42	12 57	1 13	22 45	0 38	15 3	0 17	22 48	0 14	16 41	3 50	12 52	13 10	27 58		n.a.
S 15	6 2	26 20	5 13	6 38	3 0	3 12	2 34	0 39	0 41	12 53	1 13	22 45	0 38	15 2	0 17	22 48	0 14	16 41	3 50	12 52	13 9	27 58		n.a.
M16	6 24	23 29	5 14	6 21	3 3	3 23	2 21	0 21	0 41	12 49	1 14	22 45	0 38	15 2	0 17	22 48	0 14	16 41	3 50	12 51	13 8	27 59		n.a.
T 17	6 46	19 31	5 1	6 2	3 5	3 34	2 8	0 3	0 40	12 45	1 14	22 45	0 38	15 1	0 17	22 48	0 14	16 41	3 50	12 51	13 7	27 59		n.a.
W18	7 9	14 35	4 33	5 41	3 7	3 43	1 56	0n15	0 40	12 41	1 14	22 45	0 38	15 0	0 17	22 48	0 14	16 40	3 50	12 50	13 6	28 0		n.a.
T 19	7 31	8 54	3 50	5 17	3 7	3 51	1 44	0 33	0 39	12 37	1 14	22 45	0 38	14 59	0 17	22 48	0 14	16 40	3 50	12 49	13 4	28 1		n.a.
F 20	7 53	2 40	2 54	4 52	3 7	3 58	1 32	0 51	0 39	12 33	1 14	22 45	0 38	14 59	0 17	22 48	0 14	16 40	3 50	12 49	13 3	28 1		n.a.
S 21	8 15	3n52	1 46	4 25	3 7	4 4	1 20	1 8	0 38	12 28	1 15	22 45	0 38	14 58	0 17	22 48	0 15	16 40	3 50	12 48	13 2	28 2		n.a.
S 22	8 37	10 21	0 31	3 56	3 5	4 9	1 9	1 26	0 38	12 24	1 15	22 44	0 38	14 57	0 17	22 48	0 15	16 40	3 50	12 48	13 1	28 2		n.a.
M23	8 59	16 26	0n48	3 25	3 3	4 12	0 58	1 44	0 37	12 21	1 15	22 44	0 38	14 57	0 17	22 48	0 15	16 39	3 50	12 48	13 0	28 3		n.a.
T 24	9 20	21 40	2 5	2 52	3 1	4 15	0 47	2 2	0 37	12 17	1 15	22 44	0 38	14 56	0 17	22 48	0 15	16 39	3 50	12 48	12 59	28 3		n.a.
W25	9 41	25 37	3 13	2 18	2 57	4 17	0 37	2 19	0 36	12 13	1 15	22 44	0 38	14 55	0 17	22 48	0 15	16 39	3 50	12 49	12 58	28 4		n.a.
T 26	10 3	27 54	4 10	1 42	2 53	4 18	0 26	2 37	0 36	12 9	1 16	22 44	0 38	14 54	0 17	22 48	0 15	16 39	3 50	12 49	12 57	28 4		n.a.
F 27	10 24	28 16	4 50	1 4	2 48	4 17	0 16	2 54	0 35	12 5	1 16	22 44	0 38	14 54	0 17	22 48	0 15	16 38	3 50	12 49	12 56	28 5		n.a.
S 28	10 45	26 46	5 13	0 25	2 43	4 16	0 7	3 12	0 34	12 1	1 16	22 44	0 38	14 53	0 17	22 48	0 15	16 38	3 50	12 49	12 55	28 5		n.a.
S 29	11 6	23 36	5 16	0n16	2 37	4 14	0s 2	3 29	0 34	11 57	1 16	22 44	0 38	14 52	0 17	22 48	0 15	16 38	3 50	12 49	12 53	28 6		n.a.
M30	11n26	19n 8	5n 0	0n58	2s31	4s11	0s11	3n47	0s33	11s53	1s16	22s44	0n38	14s51	0n17	22s48	0s15	16s38	3n50	12n49	12n52	28s 6		n.a.

Julian Day Number = 1372334.5, Delta T = 06h49m35s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°16'15, Lahiri = -17°09'14 Julian Calendar 1 Apr. 956 BCE == Greg. Calendar 23 March 956 BCE

The year -955 astronomical counting style corresponds to year 956 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 956 BCE
geocentric

MAY 956 BCE (-955) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 58 21	0♉22'14	5♍34	9♈42	20♓30	11♈23	2♓47	19°R 3	10°R12	18°R13	29°R32	3°R19	3♉26	0♎ 7	n.a.	T 1
W 2	14 2 17	1°19'27	18°58	11°18	21° 2	12° 6	2°58	19♐ 0	10♏10	18♎13	29♏31	3♉19	3°23	0°14	n.a.	W 2
T 3	14 6 14	2°16'38	2♎ 8	12°57	21°34	12°48	3° 8	18°58	10° 8	18°13	29°29	3°19	3°20	0°21	n.a.	T 3
F 4	14 10 10	3°13'49	15° 5	14°39	22° 8	13°30	3°19	18°56	10° 5	18°13	29°28	3°D19	3°17	0°27	n.a.	F 4
S 5	14 14 7	4°10'58	27°47	16°23	22°43	14°13	3°29	18°53	10° 3	18°13	29°27	3°R19	3°14	0°34	n.a.	S 5
S 6	14 18 4	5° 8'08	10♏17	18°10	23°19	14°55	3°39	18°51	10° 0	18°13	29°25	3°19	3°11	0°41	n.a.	S 6
M 7	14 22 0	6° 5'16	22°35	19°59	23°56	15°37	3°49	18°48	9°58	18°12	29°24	3°19	3° 7	0°48	n.a.	M 7
T 8	14 25 57	7° 2'24	4♐43	21°51	24°35	16°19	3°59	18°46	9°55	18°12	29°23	3°19	3° 4	0°54	n.a.	T 8
W 9	14 29 53	7°59'32	16°43	23°46	25°15	17° 1	4° 9	18°43	9°53	18°12	29°21	3°18	3° 1	1° 1	n.a.	W 9
T 10	14 33 50	8°56'39	28°37	25°42	25°55	17°43	4°19	18°40	9°51	18°12	29°20	3°17	2°58	1° 8	n.a.	T 10
F 11	14 37 46	9°53'46	10♑28	27°41	26°37	18°25	4°29	18°37	9°48	18°11	29°18	3°17	2°55	1°14	n.a.	F 11
S 12	14 41 43	10°50'53	22°22	29°42	27°20	19° 7	4°38	18°34	9°46	18°11	29°17	3°16	2°51	1°21	n.a.	S 12
S 13	14 45 40	11°48'00	4♒20	1♉45	28° 4	19°49	4°48	18°31	9°43	18°10	29°16	3°16	2°48	1°28	n.a.	S 13
M14	14 49 36	12°45'06	16°29	3°50	28°48	20°31	4°57	18°28	9°41	18°10	29°14	3°D15	2°45	1°34	n.a.	M14
T 15	14 53 33	13°42'13	28°52	5°56	29°34	21°12	5° 6	18°25	9°38	18°10	29°13	3°16	2°42	1°41	n.a.	T 15
W16	14 57 29	14°39'19	11♓33	8° 4	0♈20	21°54	5°15	18°22	9°36	18° 9	29°11	3°17	2°39	1°48	n.a.	W16
T 17	15 1 26	15°36'25	24°37	10°13	1° 7	22°35	5°24	18°18	9°33	18° 9	29°10	3°18	2°36	1°55	n.a.	T 17
F 18	15 5 22	16°33'31	8♈ 5	12°23	1°55	23°17	5°33	18°15	9°31	18° 8	29° 8	3°19	2°32	2° 1	n.a.	F 18
S 19	15 9 19	17°30'38	21°57	14°34	2°44	23°59	5°42	18°12	9°28	18° 7	29° 7	3°19	2°29	2° 8	n.a.	S 19
S 20	15 13 15	18°27'44	6♉13	16°44	3°33	24°40	5°50	18° 8	9°26	18° 7	29° 5	3°R20	2°26	2°15	n.a.	S 20
M21	15 17 12	19°24'50	20°49	18°55	4°23	25°21	5°59	18° 5	9°24	18° 6	29° 4	3°19	2°23	2°21	n.a.	M21
T 22	15 21 9	20°21'56	5♊38	21° 6	5°14	26° 3	6° 7	18° 1	9°21	18° 6	29° 2	3°18	2°20	2°28	n.a.	T 22
W23	15 25 5	21°19'02	20°32	23°16	6° 5	26°44	6°15	17°57	9°19	18° 5	29° 1	3°16	2°17	2°35	n.a.	W23
T 24	15 29 2	22°16'08	5♋24	25°26	6°57	27°25	6°23	17°54	9°16	18° 4	28°59	3°13	2°13	2°41	n.a.	T 24
F 25	15 32 58	23°13'14	20° 7	27°35	7°49	28° 6	6°31	17°50	9°14	18° 3	28°58	3°11	2°10	2°48	n.a.	F 25
S 26	15 36 55	24°10'19	4♌34	29°42	8°42	28°47	6°39	17°46	9°12	18° 3	28°56	3° 9	2° 7	2°55	n.a.	S 26
S 27	15 40 51	25° 7'24	18°42	1♊48	9°36	29°29	6°46	17°42	9° 9	18° 2	28°55	3°D 8	2° 4	3° 2	n.a.	S 27
M28	15 44 48	26° 4'29	2♍29	3°53	10°30	0♉10	6°54	17°38	9° 7	18° 1	28°53	3° 8	2° 1	3° 8	n.a.	M28
T 29	15 48 45	27° 1'33	15°56	5°56	11°25	0°50	7° 1	17°34	9° 5	18° 0	28°52	3° 9	1°57	3°15	n.a.	T 29
W30	15 52 41	27°58'38	29° 4	7°58	12°20	1°31	7° 8	17°30	9° 2	17°59	28°50	3°11	1°54	3°22	n.a.	W30
T 31	15 56 38	28♉55'42	11♎55	9♊58	13♈16	2♉12	7♓15	17♐26	9♏ 0	17♎58	28♏49	3♉12	1♉51	3♎28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n47	13n46	4n28	1n42	2s24	4s 8	0s20	4n 4	0s33	11s50	1s17	22s43	0n38	14s51	0n17	22s48	0s15	16s38	3n50	12n49	12n51	28s 7			n.a.
W 2	12 7	7 49	3 42	2 27	2 16	4 3	0 29	4 22	0 32	11 46	1 17	22 43	0 38	14 50	0 17	22 48	0 15	16 37	3 50	12 49	12 50	28 7			n.a.
T 3	12 27	1 39	2 44	3 14	2 8	3 57	0 37	4 39	0 32	11 42	1 17	22 43	0 38	14 49	0 17	22 48	0 15	16 37	3 50	12 49	12 49	28 8			n.a.
F 4	12 47	4s30	1 39	4 1	2 0	3 51	0 45	4 56	0 31	11 39	1 17	22 43	0 38	14 48	0 17	22 48	0 15	16 37	3 50	12 49	12 48	28 8			n.a.
S 5	13 7	10 22	0 31	4 50	1 51	3 44	0 52	5 13	0 31	11 35	1 18	22 43	0 38	14 48	0 17	22 48	0 15	16 37	3 49	12 49	12 47	28 9			n.a.
S 6	13 26	15 45	0s39	5 40	1 42	3 36	1 0	5 30	0 30	11 32	1 18	22 43	0 38	14 47	0 17	22 48	0 15	16 36	3 49	12 49	12 46	28 9			n.a.
M 7	13 45	20 23	1 45	6 31	1 32	3 28	1 7	5 47	0 29	11 28	1 18	22 43	0 38	14 46	0 17	22 48	0 15	16 36	3 49	12 49	12 45	28 10			n.a.
T 8	14 4	24 7	2 45	7 23	1 22	3 18	1 13	6 4	0 29	11 25	1 18	22 42	0 37	14 45	0 17	22 48	0 15	16 36	3 49	12 49	12 44	28 10			n.a.
W 9	14 23	26 45	3 38	8 15	1 12	3 8	1 20	6 21	0 28	11 21	1 19	22 42	0 37	14 44	0 17	22 48	0 15	16 36	3 49	12 48	12 42	28 10			n.a.
T 10	14 42	28 9	4 21	9 8	1 1	2 58	1 26	6 38	0 28	11 18	1 19	22 42	0 37	14 44	0 17	22 48	0 15	16 35	3 49	12 48	12 41	28 11			n.a.
F 11	15 0	28 14	4 52	10 2	0 50	2 46	1 32	6 55	0 27	11 14	1 19	22 42	0 37	14 43	0 17	22 48	0 15	16 35	3 49	12 48	12 40	28 11			n.a.
S 12	15 19	27 2	5 11	10 56	0 39	2 34	1 38	7 11	0 27	11 11	1 19	22 42	0 37	14 42	0 17	22 48	0 15	16 35	3 49	12 48	12 39	28 12			n.a.
S 13	15 37	24 35	5 16	11 49	0 28	2 22	1 44	7 28	0 26	11 8	1 19	22 41	0 37	14 41	0 17	22 48	0 15	16 35	3 49	12 48	12 38	28 12			n.a.
M14	15 54	21 2	5 8	12 43	0 17	2 8	1 49	7 44	0 25	11 5	1 20	22 41	0 37	14 41	0 17	22 48	0 15	16 34	3 49	12 48	12 37	28 12			n.a.
T 15	16 12	16 30	4 46	13 36	0 6	1 55	1 54	8 1	0 25	11 1	1 20	22 41	0 37	14 40	0 17	22 48	0 15	16 34	3 49	12 48	12 36	28 13			n.a.
W16	16 29	11 9	4 9	14 29	0n 4	1 40	1 59	8 17	0 24	10 58	1 20	22 41	0 37	14 39	0 17	22 48	0 15	16 34	3 49	12 48	12 35	28 13			n.a.
T 17	16 46	5 12	3 18	15 21	0 15	1 26	2 3	8 33	0 24	10 55	1 21	22 40	0 37	14 38	0 17	22 49	0 15	16 34	3 49	12 48	12 34	28 14			n.a.
F 18	17 3	1n11	2 15	16 12	0 25	1 10	2 8	8 50	0 23	10 52	1 21	22 40	0 37	14 37	0 17	22 49	0 15	16 34	3 49	12 49	12 33	28 14			n.a.
S 19	17 19	7 43	1 2	17 1	0 35	0 55	2 12	9 6	0 22	10 49	1 21	22 40	0 37	14 37	0 17	22 49	0 15	16 33	3 49	12 49	12 31	28 14			n.a.
S 20	17 35	14 3	0n16	17 49	0 45	0 38	2 16	9 22	0 22	10 46	1 21	22 40	0 37	14 36	0 17	22 49	0 15	16 33	3 49	12 49	12 30	28 15			n.a.
M21	17 51	19 46	1 35	18 35	0 54	0 22	2 20	9 38	0 21	10 43	1 22	22 39	0 37	14 35	0 17	22 49	0 15	16 33	3 48	12 49	12 29	28 15			n.a.
T 22	18 7	24 21	2 49	19 19	1 3	0 5	2 23	9 53	0 21	10 40	1 22	22 39	0 37	14 34	0 17	22 49	0 15	16 33	3 48	12 48	12 28	28 15			n.a.
W23	18 22	27 19	3 52	20 2	1 11	0n13	2 26	10 9	0 20	10 38	1 22	22 39	0 37	14 34	0 16	22 49	0 15	16 32	3 48	12 48	12 27	28 15			n.a.
T 24	18 37	28 20	4 39	20 41	1 19	0 31	2 30	10 25	0 19	10 35	1 22	22 39	0 37	14 33	0 16	22 49	0 15	16 32	3 48	12 47	12 26	28 16			n.a.
F 25	18 52	27 20	5 7	21 19	1 26	0 49	2 32	10 40	0 19	10 32	1 23	22 38	0 37	14 32	0 16	22 49	0 15	16 32	3 48	12 46	12 25	28 16			n.a.
S 26	19 6	24 30	5 15	21 54	1 32	1 8	2 35	10 56	0 18	10 29	1 23	22 38	0 37	14 31	0 16	22 50	0 15	16 32	3 48	12 45	12 24	28 16			n.a.
S 27	19 21	20 15	5 3	22 26	1 37	1 27	2 38	11 11	0 18	10 27	1 23	22 38	0 36	14 31	0 16	22 50	0 15	16 31	3 48	12 45	12 23	28 17			n.a.
M28	19 34	15 0	4 35	22 56	1 42	1 46	2 40	11 26	0 17	10 24	1 23	22 37	0 36	14 30	0 16	22 50	0 15	16 31	3 48	12 45	12 21	28 17			n.a.
T 29	19 48	9 10	3 51	23 23	1 46	2 6	2 42	11 41	0 16	10 22	1 24	22 37	0 36	14 29	0 16	22 50	0 15	16 31	3 48	12 45	12 20	28 17			n.a.
W30	20 1	3 4	2 57	23 47	1 50	2 26	2 45	11 56	0 16	10 19	1 24	22 37	0 36	14 28	0 16	22 50	0 15	16 31	3 48	12 46	12 19	28 17			n.a.
T 31	20n14	3s 2	1n54	24n 9	1n53	2n46	2s46	12n11	0s15	10s17	1s24	22s36	0n36	14s28	0n16	22s50	0s15	16s30	3n47	12n46	12n18	28s18			n.a.

Julian Day Number = 1372364.5, Delta T = 06h49m33s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°16'11, Lahiri = -17°09'10 Julian Calendar 1 May 956 BCE == Greg. Calendar 22 Apr. 956 BCE

The year -955 astronomical counting style corresponds to year 956 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 956 BCE
geocentric

JUNE 956 BCE (-955) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 0 34	29♉52'46	24♎32	11♊56	14♈12	2♉53	7♓22	17°R22	8°R58	17°R57	28°R47	3♉13	1♉48	3♑35	n.a.	F 1
S 2	16 4 31	0♊49'51	6♏57	13°52	15° 8	3°34	7°29	17♐18	8♏56	17♑56	28♏46	3°R14	1°45	3°42	n.a.	S 2
S 3	16 8 27	1°46'56	19°12	15°46	16° 5	4°14	7°35	17°14	8°54	17°55	28°44	3°12	1°42	3°49	n.a.	S 3
M 4	16 12 24	2°44'01	1♐18	17°39	17° 3	4°55	7°42	17° 9	8°51	17°54	28°43	3°10	1°38	3°55	n.a.	M 4
T 5	16 16 20	3°41'06	13°18	19°29	18° 1	5°35	7°48	17° 5	8°49	17°53	28°41	3° 6	1°35	4° 2	n.a.	T 5
W 6	16 20 17	4°38'12	25°13	21°18	18°59	6°16	7°54	17° 1	8°47	17°52	28°40	3° 1	1°32	4° 9	n.a.	W 6
T 7	16 24 14	5°35'19	7♑ 5	23° 5	19°57	6°56	8° 0	16°57	8°45	17°51	28°38	2°56	1°29	4°15	n.a.	T 7
F 8	16 28 10	6°32'26	18°57	24°50	20°56	7°37	8° 6	16°52	8°43	17°50	28°37	2°50	1°26	4°22	n.a.	F 8
S 9	16 32 7	7°29'33	0♒50	26°33	21°56	8°17	8°12	16°48	8°41	17°49	28°35	2°45	1°23	4°29	n.a.	S 9
S 10	16 36 3	8°26'42	12°49	28°14	22°56	8°57	8°17	16°44	8°39	17°48	28°34	2°41	1°19	4°36	n.a.	S 10
M11	16 40 0	9°23'51	24°56	29°53	23°56	9°38	8°22	16°39	8°37	17°47	28°32	2°38	1°16	4°42	n.a.	M11
T 12	16 43 56	10°21'01	7♓17	1♋30	24°56	10°18	8°27	16°35	8°35	17°45	28°31	2°D37	1°13	4°49	n.a.	T 12
W13	16 47 53	11°18'12	19°54	3° 6	25°57	10°58	8°32	16°30	8°33	17°44	28°29	2°37	1°10	4°56	n.a.	W13
T 14	16 51 49	12°15'24	2♈53	4°39	26°58	11°38	8°37	16°26	8°31	17°43	28°28	2°38	1° 7	5° 2	n.a.	T 14
F 15	16 55 46	13°12'37	16°18	6°11	27°59	12°18	8°42	16°22	8°29	17°42	28°26	2°40	1° 3	5° 9	n.a.	F 15
S 16	16 59 43	14° 9'50	0♉ 9	7°40	29° 1	12°58	8°46	16°17	8°27	17°40	28°25	2°R40	1° 0	5°16	n.a.	S 16
S 17	17 3 39	15° 7'05	14°27	9° 8	0♉ 3	13°38	8°50	16°13	8°25	17°39	28°24	2°40	0°57	5°22	n.a.	S 17
M18	17 7 36	16° 4'21	29°10	10°34	1° 5	14°18	8°54	16° 8	8°24	17°38	28°22	2°38	0°54	5°29	n.a.	M18
T 19	17 11 32	17° 1'38	14♊12	11°57	2° 8	14°58	8°58	16° 4	8°22	17°37	28°21	2°33	0°51	5°36	n.a.	T 19
W20	17 15 29	17°58'56	29°24	13°19	3°11	15°38	9° 2	15°59	8°20	17°35	28°19	2°27	0°48	5°43	n.a.	W20
T 21	17 19 25	18°56'15	14♋36	14°39	4°14	16°17	9° 6	15°55	8°18	17°34	28°18	2°21	0°44	5°49	n.a.	T 21
F 22	17 23 22	19°53'34	29°37	15°56	5°17	16°57	9° 9	15°51	8°17	17°32	28°17	2°14	0°41	5°56	n.a.	F 22
S 23	17 27 19	20°50'54	14♌20	17°11	6°20	17°37	9°12	15°46	8°15	17°31	28°15	2° 8	0°38	6° 3	n.a.	S 23
S 24	17 31 15	21°48'15	28°38	18°24	7°24	18°16	9°15	15°42	8°14	17°30	28°14	2° 4	0°35	6° 9	n.a.	S 24
M25	17 35 12	22°45'36	12♍30	19°35	8°28	18°56	9°18	15°37	8°12	17°28	28°12	2° 2	0°32	6°16	n.a.	M25
T 26	17 39 8	23°42'58	25°55	20°44	9°32	19°35	9°20	15°33	8°11	17°27	28°11	2°D 1	0°29	6°23	n.a.	T 26
W27	17 43 5	24°40'21	8♎56	21°49	10°37	20°14	9°23	15°29	8° 9	17°25	28°10	2° 2	0°25	6°30	n.a.	W27
T 28	17 47 1	25°37'45	21°38	22°53	11°41	20°54	9°25	15°24	8° 8	17°24	28° 9	2° 3	0°22	6°36	n.a.	T 28
F 29	17 50 58	26°35'10	4♏ 2	23°53	12°46	21°33	9°27	15°20	8° 6	17°22	28° 7	2°R 3	0°19	6°43	n.a.	F 29
S 30	17 54 54	27♊32'35	16♏15	24♋51	13♉51	22♉12	9♓29	15♐16	8♏ 5	17♑21	28♏ 6	2♉ 2	0♉16	6♑50	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n26	8s55	0n48	24n28	1n55	3n 6	2s48	12n26	0s15	10s15	1s25	22s36	0n36	14s27	0n16	22s50	0s15	16s30	3n47	12n47	12n17	28s18		n.a.
S 2	20 39	14 22	0s20	24 45	1 56	3 27	2 50	12 41	0 14	10 12	1 25	22 36	0 36	14 26	0 16	22 51	0 15	16 30	3 47	12 47	12 16	28 18		n.a.
S 3	20 50	19 11	1 26	24 59	1 57	3 48	2 51	12 55	0 13	10 10	1 25	22 35	0 36	14 26	0 16	22 51	0 15	16 30	3 47	12 46	12 15	28 18		n.a.
M 4	21 2	23 9	2 28	25 10	1 57	4 9	2 52	13 10	0 13	10 8	1 26	22 35	0 36	14 25	0 16	22 51	0 15	16 30	3 47	12 46	12 14	28 18		n.a.
T 5	21 13	26 5	3 22	25 20	1 57	4 30	2 53	13 24	0 12	10 6	1 26	22 35	0 36	14 24	0 16	22 51	0 15	16 29	3 47	12 44	12 13	28 19		n.a.
W 6	21 24	27 50	4 6	25 27	1 56	4 52	2 54	13 38	0 11	10 4	1 26	22 34	0 36	14 24	0 16	22 51	0 15	16 29	3 47	12 43	12 11	28 19		n.a.
T 7	21 34	28 17	4 40	25 31	1 54	5 14	2 55	13 52	0 11	10 2	1 26	22 34	0 36	14 23	0 16	22 51	0 15	16 29	3 47	12 41	12 10	28 19		n.a.
F 8	21 44	27 26	5 2	25 34	1 52	5 35	2 56	14 6	0 10	10 0	1 27	22 34	0 36	14 22	0 16	22 51	0 15	16 29	3 47	12 39	12 9	28 19		n.a.
S 9	21 54	25 20	5 11	25 35	1 49	5 57	2 56	14 20	0 9	9 58	1 27	22 33	0 36	14 22	0 16	22 52	0 16	16 28	3 46	12 37	12 8	28 19		n.a.
S 10	22 3	22 6	5 6	25 33	1 45	6 19	2 56	14 34	0 9	9 56	1 27	22 33	0 35	14 21	0 16	22 52	0 16	16 28	3 46	12 35	12 7	28 20		n.a.
M11	22 12	17 55	4 48	25 30	1 41	6 42	2 57	14 48	0 8	9 55	1 28	22 33	0 35	14 20	0 16	22 52	0 16	16 28	3 46	12 34	12 6	28 20		n.a.
T 12	22 21	12 55	4 16	25 25	1 37	7 4	2 57	15 1	0 8	9 53	1 28	22 32	0 35	14 20	0 16	22 52	0 16	16 28	3 46	12 34	12 5	28 20		n.a.
W13	22 29	7 17	3 31	25 18	1 32	7 26	2 57	15 14	0 7	9 51	1 28	22 32	0 35	14 19	0 16	22 52	0 16	16 28	3 46	12 34	12 4	28 20		n.a.
T 14	22 37	1 11	2 35	25 10	1 26	7 49	2 56	15 28	0 6	9 50	1 29	22 32	0 35	14 18	0 16	22 53	0 16	16 27	3 46	12 35	12 2	28 20		n.a.
F 15	22 44	5n 9	1 28	25 0	1 21	8 11	2 56	15 41	0 6	9 48	1 29	22 31	0 35	14 18	0 16	22 53	0 16	16 27	3 46	12 35	12 1	28 20		n.a.
S 16	22 51	11 29	0 14	24 49	1 14	8 34	2 55	15 54	0 5	9 47	1 29	22 31	0 35	14 17	0 16	22 53	0 16	16 27	3 46	12 35	12 0	28 20		n.a.
S 17	22 58	17 26	1n 3	24 37	1 7	8 56	2 55	16 7	0 4	9 46	1 30	22 30	0 35	14 17	0 16	22 53	0 16	16 27	3 45	12 35	11 59	28 20		n.a.
M18	23 4	22 32	2 18	24 23	1 0	9 19	2 54	16 19	0 4	9 44	1 30	22 30	0 35	14 16	0 16	22 53	0 16	16 27	3 45	12 34	11 58	28 20		n.a.
T 19	23 10	26 15	3 25	24 8	0 53	9 41	2 53	16 32	0 3	9 43	1 30	22 30	0 35	14 16	0 16	22 53	0 16	16 27	3 45	12 33	11 57	28 21		n.a.
W20	23 15	28 7	4 18	23 52	0 45	10 4	2 52	16 44	0 2	9 42	1 31	22 29	0 35	14 15	0 16	22 54	0 16	16 26	3 45	12 31	11 56	28 21		n.a.
T 21	23 21	27 51	4 53	23 35	0 36	10 26	2 51	16 57	0 2	9 41	1 31	22 29	0 35	14 14	0 16	22 54	0 16	16 26	3 45	12 28	11 55	28 21		n.a.
F 22	23 25	25 33	5 7	23 18	0 27	10 49	2 50	17 9	0 1	9 40	1 31	22 29	0 34	14 14	0 16	22 54	0 16	16 26	3 45	12 26	11 53	28 21		n.a.
S 23	23 29	21 34	5 1	22 59	0 18	11 11	2 49	17 21	0 0	9 39	1 31	22 28	0 34	14 13	0 16	22 54	0 16	16 26	3 45	12 24	11 52	28 21		n.a.
S 24	23 33	16 25	4 35	22 40	0 9	11 33	2 48	17 33	0n 0	9 38	1 32	22 28	0 34	14 13	0 16	22 54	0 16	16 26	3 44	12 23	11 51	28 21		n.a.
M25	23 37	10 34	3 54	22 20	0s 1	11 56	2 46	17 44	0 1	9 38	1 32	22 27	0 34	14 12	0 16	22 55	0 16	16 26	3 44	12 22	11 50	28 21		n.a.
T 26	23 40	4 25	3 2	22 0	0 11	12 18	2 45	17 56	0 2	9 37	1 32	22 27	0 34	14 12	0 16	22 55	0 16	16 25	3 44	12 22	11 49	28 21		n.a.
W27	23 42	1s45	2 1	21 40	0 21	12 40	2 43	18 7	0 2	9 36	1 33	22 27	0 34	14 12	0 16	22 55	0 16	16 25	3 44	12 22	11 48	28 21		n.a.
T 28	23 44	7 42	0 56	21 19	0 32	13 1	2 41	18 18	0 3	9 36	1 33	22 26	0 34	14 11	0 16	22 55	0 16	16 25	3 44	12 22	11 47	28 21		n.a.
F 29	23 46	13 14	0s11	20 58	0 43	13 23	2 39	18 30	0 4	9 35	1 33	22 26	0 34	14 11	0 16	22 56	0 16	16 25	3 44	12 22	11 46	28 21		n.a.
S 30	23n47	18s 9	1s15	20n36	0s54	13n44	2s37	18n41	0n 5	9s35	1s34	22s26	0n34	14s10	0n16	22s56	0s16	16s25	3n43	12n22	11n44	28s21		n.a.

Julian Day Number = 1372395.5, Delta T = 06h49m32s
Ecliptic obliquity = 23°48'41, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°16'07, Lahiri = -17°09'06 Julian Calendar 1 June 956 BCE == Greg. Calendar 23 May 956 BCE

The year -955 astronomical counting style corresponds to year 956 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 956 BCE
geocentric

JULY 956 BCE (-955) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 58 51	28♊30'02	28♏18	25♋46	14♉57	22♉51	9♓30	15°R11	8°R 4	17°R19	28°R 5	1°R59	0♉13	6♂56	n.a.	S 1
M 2	18 2 48	29°27'30	10♐16	26°38	16° 2	23°30	9°32	15♐ 7	8♏ 3	17♂18	28♏ 3	1♉53	0° 9	7° 3	n.a.	M 2
T 3	18 6 44	0♋24'59	22°10	27°27	17° 8	24°10	9°33	15° 3	8° 1	17°16	28° 2	1°45	0° 6	7°10	n.a.	T 3
W 4	18 10 41	1°22'29	4♂ 2	28°12	18°14	24°49	9°34	14°59	8° 0	17°15	28° 1	1°35	0° 3	7°17	n.a.	W 4
T 5	18 14 37	2°20'01	15°54	28°54	19°20	25°27	9°35	14°55	7°59	17°13	28° 0	1°24	29♈59	7°23	n.a.	T 5
F 6	18 18 34	3°17'34	27°47	29°32	20°26	26° 6	9°36	14°50	7°58	17°11	27°59	1°13	29°57	7°30	n.a.	F 6
S 7	18 22 30	4°15'09	9♒44	0♌ 6	21°32	26°45	9°36	14°46	7°57	17°10	27°58	1° 2	29°54	7°37	n.a.	S 7
S 8	18 26 27	5°12'45	21°46	0°36	22°39	27°24	9°37	14°42	7°56	17° 8	27°56	0°53	29°50	7°43	n.a.	S 8
M 9	18 30 24	6°10'22	3♓55	1° 1	23°46	28° 3	9°R37	14°38	7°55	17° 7	27°55	0°46	29°47	7°50	n.a.	M 9
T 10	18 34 20	7° 8'01	16°16	1°22	24°53	28°41	9°37	14°34	7°54	17° 5	27°54	0°42	29°44	7°57	n.a.	T 10
W11	18 38 17	8° 5'42	28°52	1°38	26° 0	29°20	9°36	14°31	7°54	17° 3	27°53	0°40	29°41	8° 4	n.a.	W11
T 12	18 42 13	9° 3'25	11♈46	1°49	27° 7	29°59	9°36	14°27	7°53	17° 2	27°52	0°D39	29°38	8°10	n.a.	T 12
F 13	18 46 10	10° 1'10	25° 3	1°55	28°14	0♊37	9°35	14°23	7°52	17° 0	27°51	0°R40	29°35	8°17	n.a.	F 13
S 14	18 50 6	10°58'56	8♉47	1°R56	29°22	1°16	9°34	14°19	7°51	16°59	27°50	0°39	29°31	8°24	n.a.	S 14
S 15	18 54 3	11°56'44	22°57	1°51	0♊30	1°54	9°33	14°15	7°51	16°57	27°49	0°38	29°28	8°30	n.a.	S 15
M16	18 57 59	12°54'35	7♊35	1°40	1°38	2°32	9°32	14°12	7°50	16°55	27°48	0°34	29°25	8°37	n.a.	M16
T 17	19 1 56	13°52'27	22°35	1°23	2°46	3°11	9°30	14° 8	7°50	16°54	27°47	0°27	29°22	8°44	n.a.	T 17
W18	19 5 53	14°50'21	7♋49	1° 0	3°54	3°49	9°28	14° 5	7°49	16°52	27°46	0°18	29°19	8°51	n.a.	W18
T 19	19 9 49	15°48'16	23° 8	0°32	5° 2	4°27	9°27	14° 1	7°49	16°50	27°45	0° 8	29°15	8°57	n.a.	T 19
F 20	19 13 46	16°46'13	8♌19	29♋58	6°11	5° 5	9°24	13°58	7°48	16°49	27°44	29♈57	29°12	9° 4	n.a.	F 20
S 21	19 17 42	17°44'12	23°13	29°19	7°20	5°43	9°22	13°55	7°48	16°47	27°44	29°48	29° 9	9°11	n.a.	S 21
S 22	19 21 39	18°42'12	7♍41	28°35	8°28	6°21	9°20	13°51	7°48	16°45	27°43	29°41	29° 6	9°17	n.a.	S 22
M23	19 25 35	19°40'14	21°41	27°46	9°37	6°59	9°17	13°48	7°48	16°44	27°42	29°36	29° 3	9°24	n.a.	M23
T 24	19 29 32	20°38'17	5♎11	26°54	10°46	7°37	9°14	13°45	7°47	16°42	27°41	29°33	29° 0	9°31	n.a.	T 24
W25	19 33 28	21°36'22	18°14	26° 0	11°55	8°15	9°11	13°42	7°47	16°41	27°41	29°D33	28°56	9°38	n.a.	W25
T 26	19 37 25	22°34'28	0♏53	25° 3	13° 5	8°53	9° 8	13°39	7°47	16°39	27°40	29°R33	28°53	9°44	n.a.	T 26
F 27	19 41 22	23°32'36	13°14	24° 6	14°14	9°31	9° 4	13°36	7°D47	16°37	27°39	29°32	28°50	9°51	n.a.	F 27
S 28	19 45 18	24°30'46	25°21	23°10	15°24	10° 8	9° 1	13°33	7°47	16°36	27°38	29°30	28°47	9°58	n.a.	S 28
S 29	19 49 15	25°28'57	7♐19	22°15	16°33	10°46	8°57	13°31	7°47	16°34	27°38	29°26	28°44	10° 4	n.a.	S 29
M30	19 53 11	26°27'10	19°12	21°24	17°43	11°23	8°53	13°28	7°47	16°32	27°37	29°18	28°41	10°11	n.a.	M30
T 31	19 57 8	27♋25'24	1♂ 3	20♋36	18♊53	12♊ 1	8♓49	13♐25	7♏48	16♂31	27♏37	29♈ 8	28♈37	10♂18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23n48	22s18	2s16	20n15	1s 5	14n 6	2s35	18n51	0n 5	9s34	1s34	22s25	0n34	14s10	0n16	22s56	0s16	16s25	3n43	12n21	11n43	28s21			n.a.
M 2	23 49	25 27	3 9	19 54	1 17	14 27	2 33	19 2	0 6	9 34	1 34	22 25	0 33	14 9	0 16	22 56	0 16	16 25	3 43	12 19	11 42	28 21			n.a.
T 3	23 49	27 29	3 54	19 33	1 29	14 48	2 31	19 13	0 7	9 34	1 35	22 24	0 33	14 9	0 16	22 56	0 16	16 25	3 43	12 16	11 41	28 21			n.a.
W 4	23 48	28 14	4 29	19 12	1 40	15 8	2 29	19 23	0 7	9 34	1 35	22 24	0 33	14 9	0 16	22 57	0 16	16 24	3 43	12 13	11 40	28 21			n.a.
T 5	23 47	27 41	4 52	18 52	1 52	15 29	2 27	19 33	0 8	9 34	1 35	22 24	0 33	14 8	0 16	22 57	0 16	16 24	3 43	12 9	11 39	28 21			n.a.
F 6	23 46	25 51	5 2	18 32	2 4	15 49	2 24	19 43	0 9	9 34	1 36	22 23	0 33	14 8	0 16	22 57	0 16	16 24	3 42	12 5	11 38	28 21			n.a.
S 7	23 44	22 53	4 59	18 14	2 16	16 9	2 22	19 53	0 9	9 34	1 36	22 23	0 33	14 8	0 16	22 57	0 16	16 24	3 42	12 1	11 36	28 21			n.a.
S 8	23 42	18 55	4 43	17 55	2 28	16 29	2 19	20 3	0 10	9 34	1 36	22 23	0 33	14 7	0 16	22 57	0 16	16 24	3 42	11 58	11 35	28 21			n.a.
M 9	23 40	14 9	4 14	17 38	2 40	16 48	2 17	20 12	0 11	9 35	1 37	22 22	0 33	14 7	0 16	22 58	0 16	16 24	3 42	11 55	11 34	28 20			n.a.
T 10	23 37	8 45	3 33	17 22	2 52	17 7	2 14	20 22	0 11	9 35	1 37	22 22	0 33	14 7	0 16	22 58	0 16	16 24	3 42	11 54	11 33	28 20			n.a.
W11	23 34	2 54	2 40	17 7	3 4	17 26	2 11	20 31	0 12	9 35	1 37	22 22	0 32	14 7	0 16	22 58	0 16	16 24	3 42	11 53	11 32	28 20			n.a.
T 12	23 30	3n13	1 39	16 54	3 15	17 44	2 8	20 40	0 13	9 36	1 38	22 21	0 32	14 6	0 16	22 58	0 16	16 24	3 41	11 53	11 31	28 20			n.a.
F 13	23 26	9 23	0 30	16 42	3 26	18 2	2 6	20 49	0 14	9 36	1 38	22 21	0 32	14 6	0 16	22 59	0 16	16 24	3 41	11 53	11 30	28 20			n.a.
S 14	23 21	15 19	0n43	16 31	3 36	18 20	2 3	20 58	0 14	9 37	1 38	22 21	0 32	14 6	0 16	22 59	0 16	16 24	3 41	11 53	11 29	28 20			n.a.
S 15	23 16	20 39	1 55	16 23	3 46	18 37	2 0	21 7	0 15	9 38	1 39	22 20	0 32	14 6	0 16	22 59	0 16	16 24	3 41	11 52	11 27	28 20			n.a.
M16	23 10	24 55	3 2	16 16	3 55	18 54	1 57	21 15	0 16	9 39	1 39	22 20	0 32	14 6	0 15	22 59	0 16	16 24	3 41	11 51	11 26	28 20			n.a.
T 17	23 5	27 34	3 58	16 12	4 4	19 11	1 54	21 23	0 16	9 39	1 39	22 20	0 32	14 6	0 15	22 59	0 16	16 24	3 40	11 48	11 25	28 19			n.a.
W18	22 58	28 13	4 38	16 10	4 11	19 27	1 51	21 31	0 17	9 40	1 40	22 19	0 32	14 5	0 15	23 0	0 16	16 24	3 40	11 45	11 24	28 19			n.a.
T 19	22 52	26 42	4 59	16 10	4 17	19 43	1 47	21 39	0 18	9 41	1 40	22 19	0 31	14 5	0 15	23 0	0 16	16 24	3 40	11 42	11 23	28 19			n.a.
F 20	22 44	23 15	4 58	16 12	4 22	19 58	1 44	21 47	0 19	9 43	1 40	22 19	0 31	14 5	0 15	23 0	0 16	16 24	3 40	11 38	11 22	28 19			n.a.
S 21	22 37	18 20	4 37	16 17	4 26	20 13	1 41	21 55	0 19	9 44	1 41	22 18	0 31	14 5	0 15	23 0	0 16	16 24	3 40	11 34	11 21	28 19			n.a.
S 22	22 29	12 29	3 58	16 24	4 28	20 27	1 38	22 2	0 20	9 45	1 41	22 18	0 31	14 5	0 15	23 1	0 16	16 24	3 40	11 32	11 19	28 19			n.a.
M23	22 21	6 11	3 6	16 33	4 28	20 41	1 35	22 9	0 21	9 46	1 41	22 18	0 31	14 5	0 15	23 1	0 16	16 24	3 39	11 30	11 18	28 18			n.a.
T 24	22 12	0s11	2 5	16 45	4 26	20 54	1 31	22 16	0 22	9 48	1 42	22 18	0 31	14 5	0 15	23 1	0 16	16 24	3 39	11 29	11 17	28 18			n.a.
W25	22 3	6 20	1 0	16 59	4 23	21 7	1 28	22 23	0 22	9 49	1 42	22 17	0 31	14 5	0 15	23 1	0 16	16 24	3 39	11 29	11 16	28 18			n.a.
T 26	21 53	12 4	0s 7	17 14	4 17	21 19	1 25	22 30	0 23	9 51	1 42	22 17	0 31	14 5	0 15	23 1	0 16	16 24	3 39	11 29	11 15	28 18			n.a.
F 27	21 43	17 11	1 12	17 32	4 10	21 31	1 21	22 37	0 24	9 52	1 42	22 17	0 31	14 5	0 15	23 2	0 16	16 24	3 39	11 29	11 14	28 18			n.a.
S 28	21 33	21 32	2 12	17 50	4 0	21 42	1 18	22 43	0 25	9 54	1 43	22 17	0 30	14 5	0 15	23 2	0 16	16 24	3 38	11 28	11 13	28 17			n.a.
S 29	21 22	24 55	3 5	18 10	3 49	21 53	1 14	22 49	0 25	9 56	1 43	22 17	0 30	14 5	0 15	23 2	0 16	16 24	3 38	11 27	11 11	28 17			n.a.
M30	21 11	27 11	3 50	18 31	3 36	22 3	1 11	22 56	0 26	9 57	1 43	22 16	0 30	14 5	0 15	23 2	0 16	16 24	3 38	11 24	11 10	28 17			n.a.
T 31	21n 0	28s13	4s25	18n53	3s22	22n13	1s 8	23n 1	0n27	9s59	1s44	22s16	0n30	14s 5	0n15	23s 3	0s16	16s24	3n38	11n20	11n 9	28s16			n.a.

Julian Day Number = 1372425.5, Delta T = 06h49m30s
Ecliptic obliquity = 23°48'41, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°16'02, Lahiri = -17°09'02 Julian Calendar 1 July 956 BCE == Greg. Calendar 22 June 956 BCE

The year -955 astronomical counting style corresponds to year 956 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 956 BCE
geocentric

AUGUST 956 BCE (-955) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 1 4	28♋23'41	12♉55	19°R55	20♊ 3	12♊38	8°R44	13°R23	7♏48	16°R29	27°R36	28°R56	28♈34	10♉25	n.a.	W 1
T 2	20 5 1	29°21'59	24°49	19♋19	21°13	13°16	8♓40	13♐21	7°48	16♉28	27♏36	28♈42	28°31	10°31	n.a.	T 2
F 3	20 8 57	0♌20'19	6♒48	18°51	22°23	13°53	8°35	13°18	7°48	16°26	27°35	28°28	28°28	10°38	n.a.	F 3
S 4	20 12 54	1°18'42	18°52	18°31	23°34	14°30	8°30	13°16	7°49	16°24	27°35	28°15	28°25	10°45	n.a.	S 4
S 5	20 16 51	2°17'06	1♓ 2	18°20	24°44	15° 7	8°25	13°14	7°49	16°23	27°34	28° 3	28°21	10°52	n.a.	S 5
M 6	20 20 47	3°15'32	13°20	18°D18	25°55	15°44	8°20	13°12	7°50	16°21	27°34	27°54	28°18	10°58	n.a.	M 6
T 7	20 24 44	4°14'01	25°47	18°24	27° 6	16°22	8°15	13°10	7°50	16°20	27°33	27°48	28°15	11° 5	n.a.	T 7
W 8	20 28 40	5°12'32	8♈28	18°40	28°17	16°59	8° 9	13° 8	7°51	16°18	27°33	27°45	28°12	11°12	n.a.	W 8
T 9	20 32 37	6°11'05	21°23	19° 6	29°27	17°35	8° 3	13° 6	7°51	16°17	27°33	27°44	28° 9	11°18	n.a.	T 9
F 10	20 36 33	7° 9'40	4♉37	19°40	0♋39	18°12	7°58	13° 4	7°52	16°15	27°32	27°44	28° 6	11°25	n.a.	F 10
S 11	20 40 30	8° 8'18	18°13	20°22	1°50	18°49	7°52	13° 3	7°53	16°14	27°32	27°44	28° 2	11°32	n.a.	S 11
S 12	20 44 26	9° 6'58	2♊13	21°13	3° 1	19°26	7°45	13° 1	7°54	16°12	27°32	27°42	27°59	11°39	n.a.	S 12
M13	20 48 23	10° 5'41	16°36	22°12	4°12	20° 3	7°39	13° 0	7°55	16°11	27°32	27°38	27°56	11°45	n.a.	M13
T 14	20 52 19	11° 4'26	1♋21	23°18	5°24	20°39	7°33	12°58	7°55	16° 9	27°31	27°32	27°53	11°52	n.a.	T 14
W15	20 56 16	12° 3'14	16°22	24°30	6°35	21°16	7°26	12°57	7°56	16° 8	27°31	27°23	27°50	11°59	n.a.	W15
T 16	21 0 13	13° 2'04	1♌30	25°49	7°47	21°52	7°20	12°56	7°57	16° 6	27°31	27°12	27°47	12° 5	n.a.	T 16
F 17	21 4 9	14° 0'56	16°36	27°12	8°59	22°29	7°13	12°55	7°58	16° 5	27°31	27° 2	27°43	12°12	n.a.	F 17
S 18	21 8 6	14°59'50	1♍28	28°41	10°11	23° 5	7° 6	12°54	8° 0	16° 4	27°31	26°52	27°40	12°19	n.a.	S 18
S 19	21 12 2	15°58'45	15°59	0♌13	11°23	23°41	6°59	12°53	8° 1	16° 2	27°D31	26°44	27°37	12°26	n.a.	S 19
M20	21 15 59	16°57'43	0♎ 4	1°49	12°35	24°18	6°52	12°52	8° 2	16° 1	27°31	26°39	27°34	12°32	n.a.	M20
T 21	21 19 55	17°56'43	13°39	3°28	13°47	24°54	6°45	12°52	8° 3	16° 0	27°31	26°36	27°31	12°39	n.a.	T 21
W22	21 23 52	18°55'45	26°46	5°10	14°59	25°30	6°37	12°51	8° 4	15°58	27°31	26°D36	27°27	12°46	n.a.	W22
T 23	21 27 48	19°54'49	9♏29	6°53	16°11	26° 6	6°30	12°51	8° 6	15°57	27°31	26°36	27°24	12°52	n.a.	T 23
F 24	21 31 45	20°53'54	21°52	8°38	17°24	26°42	6°22	12°50	8° 7	15°56	27°31	26°R36	27°21	12°59	n.a.	F 24
S 25	21 35 42	21°53'02	3♐59	10°24	18°36	27°18	6°15	12°50	8° 9	15°54	27°32	26°35	27°18	13° 6	n.a.	S 25
S 26	21 39 38	22°52'11	15°57	12°11	19°49	27°53	6° 7	12°50	8°10	15°53	27°32	26°33	27°15	13°13	n.a.	S 26
M27	21 43 35	23°51'23	27°49	13°58	21° 1	28°29	5°59	12°D50	8°12	15°52	27°32	26°28	27°12	13°19	n.a.	M27
T 28	21 47 31	24°50'36	9♑40	15°46	22°14	29° 5	5°52	12°50	8°13	15°51	27°32	26°20	27° 8	13°26	n.a.	T 28
W29	21 51 28	25°49'52	21°33	17°33	23°27	29°40	5°44	12°50	8°15	15°50	27°33	26°10	27° 5	13°33	n.a.	W29
T 30	21 55 24	26°49'09	3♒32	19°21	24°40	0♋16	5°36	12°50	8°17	15°48	27°33	25°59	27° 2	13°40	n.a.	T 30
F 31	21 59 21	27♌48'29	15♒38	21♌ 9	25♋53	0♋51	5♓28	12♐51	8♏18	15♉47	27♏33	25♈48	26♈59	13♉46	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n48	27s57	4s48	19n15	3s 6	22n22	1s 4	23n 7	0n28	10s 1	1s44	22s16	0n30	14s 5	0n15	23s 3	0s16	16s24	3n38	11n16	11n 8	28s16		n.a.
T 2	20 36	26 23	4 59	19 36	2 49	22 30	1 1	23 13	0 28	10 3	1 44	22 16	0 30	14 5	0 15	23 3	0 16	16 24	3 37	11 11	11 7	28 16		n.a.
F 3	20 23	23 38	4 56	19 58	2 32	22 38	0 57	23 18	0 29	10 5	1 44	22 16	0 30	14 5	0 15	23 3	0 16	16 24	3 37	11 6	11 6	28 16		n.a.
S 4	20 11	19 50	4 40	20 18	2 13	22 45	0 54	23 23	0 30	10 7	1 45	22 15	0 30	14 6	0 15	23 3	0 16	16 24	3 37	11 1	11 4	28 15		n.a.
S 5	19 57	15 11	4 12	20 38	1 55	22 52	0 50	23 28	0 31	10 9	1 45	22 15	0 29	14 6	0 15	23 4	0 16	16 24	3 37	10 57	11 3	28 15		n.a.
M 6	19 44	9 54	3 31	20 57	1 36	22 58	0 47	23 33	0 31	10 12	1 45	22 15	0 29	14 6	0 15	23 4	0 16	16 24	3 37	10 53	11 2	28 15		n.a.
T 7	19 30	4 8	2 40	21 14	1 18	23 3	0 43	23 38	0 32	10 14	1 45	22 15	0 29	14 6	0 15	23 4	0 16	16 25	3 36	10 51	11 1	28 14		n.a.
W 8	19 16	1n53	1 40	21 30	1 0	23 8	0 40	23 42	0 33	10 16	1 46	22 15	0 29	14 6	0 15	23 4	0 16	16 25	3 36	10 50	11 0	28 14		n.a.
T 9	19 1	7 57	0 34	21 44	0 42	23 12	0 36	23 47	0 34	10 19	1 46	22 15	0 29	14 7	0 15	23 4	0 16	16 25	3 36	10 50	10 59	28 14		n.a.
F 10	18 46	13 50	0n36	21 56	0 25	23 16	0 33	23 51	0 34	10 21	1 46	22 15	0 29	14 7	0 15	23 5	0 16	16 25	3 36	10 50	10 58	28 13		n.a.
S 11	18 31	19 13	1 46	22 6	0 9	23 18	0 30	23 55	0 35	10 23	1 46	22 15	0 29	14 7	0 15	23 5	0 16	16 25	3 35	10 50	10 56	28 13		n.a.
S 12	18 15	23 43	2 51	22 13	0n 7	23 20	0 26	23 59	0 36	10 26	1 47	22 15	0 28	14 7	0 15	23 5	0 16	16 25	3 35	10 49	10 55	28 13		n.a.
M13	17 59	26 54	3 48	22 18	0 21	23 22	0 23	24 3	0 37	10 29	1 47	22 15	0 28	14 8	0 15	23 5	0 16	16 25	3 35	10 48	10 54	28 12		n.a.
T 14	17 43	28 19	4 31	22 20	0 34	23 23	0 19	24 6	0 38	10 31	1 47	22 14	0 28	14 8	0 15	23 5	0 16	16 26	3 35	10 45	10 53	28 12		n.a.
W15	17 27	27 41	4 56	22 19	0 47	23 23	0 16	24 9	0 38	10 34	1 47	22 14	0 28	14 8	0 15	23 6	0 16	16 26	3 35	10 42	10 52	28 11		n.a.
T 16	17 10	25 0	5 0	22 16	0 58	23 22	0 13	24 13	0 39	10 37	1 47	22 14	0 28	14 9	0 15	23 6	0 16	16 26	3 34	10 38	10 51	28 11		n.a.
F 17	16 53	20 36	4 44	22 9	1 8	23 21	0 9	24 16	0 40	10 39	1 48	22 14	0 28	14 9	0 15	23 6	0 16	16 26	3 34	10 34	10 49	28 11		n.a.
S 18	16 35	14 58	4 9	22 0	1 17	23 19	0 6	24 18	0 41	10 42	1 48	22 14	0 28	14 9	0 15	23 6	0 16	16 26	3 34	10 31	10 48	28 10		n.a.
S 19	16 18	8 38	3 18	21 48	1 25	23 16	0 3	24 21	0 42	10 45	1 48	22 14	0 28	14 10	0 15	23 6	0 16	16 27	3 34	10 28	10 47	28 10		n.a.
M20	16 0	2 3	2 16	21 33	1 31	23 13	0n 1	24 24	0 42	10 48	1 48	22 14	0 27	14 10	0 15	23 6	0 17	16 27	3 34	10 26	10 46	28 9		n.a.
T 21	15 41	4s25	1 8	21 15	1 37	23 9	0 4	24 26	0 43	10 51	1 48	22 15	0 27	14 11	0 15	23 7	0 17	16 27	3 33	10 25	10 45	28 9		n.a.
W22	15 23	10 30	0s 1	20 55	1 42	23 4	0 7	24 28	0 44	10 53	1 48	22 15	0 27	14 11	0 15	23 7	0 17	16 27	3 33	10 25	10 44	28 9		n.a.
T 23	15 4	15 57	1 8	20 33	1 46	22 59	0 10	24 30	0 45	10 56	1 48	22 15	0 27	14 12	0 15	23 7	0 17	16 27	3 33	10 25	10 43	28 8		n.a.
F 24	14 45	20 36	2 10	20 8	1 49	22 53	0 13	24 32	0 46	10 59	1 49	22 15	0 27	14 12	0 15	23 7	0 17	16 28	3 33	10 25	10 41	28 8		n.a.
S 25	14 26	24 18	3 5	19 41	1 51	22 46	0 16	24 34	0 47	11 2	1 49	22 15	0 27	14 13	0 15	23 7	0 17	16 28	3 33	10 25	10 40	28 7		n.a.
S 26	14 6	26 53	3 51	19 12	1 52	22 38	0 19	24 35	0 47	11 5	1 49	22 15	0 27	14 13	0 15	23 7	0 17	16 28	3 32	10 24	10 39	28 7		n.a.
M27	13 47	28 14	4 27	18 41	1 53	22 30	0 22	24 36	0 48	11 8	1 49	22 15	0 27	14 14	0 15	23 8	0 17	16 28	3 32	10 22	10 38	28 6		n.a.
T 28	13 27	28 17	4 51	18 9	1 53	22 22	0 25	24 38	0 49	11 11	1 49	22 15	0 26	14 14	0 15	23 8	0 17	16 29	3 32	10 19	10 37	28 6		n.a.
W29	13 6	27 2	5 2	17 35	1 52	22 12	0 28	24 39	0 50	11 14	1 49	22 15	0 26	14 15	0 15	23 8	0 17	16 29	3 32	10 15	10 36	28 5		n.a.
T 30	12 46	24 32	5 1	17 0	1 50	22 2	0 31	24 39	0 51	11 17	1 49	22 15	0 26	14 15	0 14	23 8	0 17	16 29	3 31	10 11	10 34	28 5		n.a.
F 31	12n25	20s56	4s46	16n23	1n49	21n51	0n34	24n40	0n52	11s20	1s49	22s16	0n26	14s16	0n14	23s 8	0s17	16s30	3n31	10n 7	10n33	28s 4		n.a.

Julian Day Number = 1372456.5, Delta T = 06h49m29s
Ecliptic obliquity = 23°48'41, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°15'58, Lahiri = -17°08'58 Julian Calendar 1 Aug. 956 BCE == Greg. Calendar 23 July 956 BCE

The year -955 astronomical counting style corresponds to year 956 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 956 BCE
geocentric

SEPTEMBER 956 BCE (-955) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 3 17	28♌47'50	27♒52	22♌56	27♋ 6	1♋27	5°R20	12♐51	8♏20	15°R46	27♏34	25°R37	26♈56	13♑53	n.a.	S 1
S 2	22 7 14	29°47'14	10♓15	24°43	28°19	2° 2	5♓12	12°52	8°22	15♑45	27°34	25♈28	26°52	14° 0	n.a.	S 2
M 3	22 11 10	0♍46'40	22°48	26°29	29°32	2°37	5° 4	12°52	8°24	15°44	27°34	25°21	26°49	14° 6	n.a.	M 3
T 4	22 15 7	1°46'08	5♈31	28°15	0♌45	3°12	4°56	12°53	8°26	15°43	27°35	25°17	26°46	14°13	n.a.	T 4
W 5	22 19 4	2°45'38	18°26	0♍ 0	1°59	3°47	4°48	12°54	8°28	15°42	27°35	25°15	26°43	14°20	n.a.	W 5
T 6	22 23 0	3°45'11	1♉33	1°45	3°12	4°22	4°40	12°55	8°30	15°41	27°36	25°D15	26°40	14°27	n.a.	T 6
F 7	22 26 57	4°44'46	14°54	3°28	4°25	4°57	4°31	12°56	8°32	15°40	27°37	25°16	26°37	14°33	n.a.	F 7
S 8	22 30 53	5°44'24	28°30	5°12	5°39	5°32	4°23	12°57	8°34	15°39	27°37	25°17	26°33	14°40	n.a.	S 8
S 9	22 34 50	6°44'05	12♊24	6°54	6°53	6° 6	4°15	12°58	8°36	15°38	27°38	25°R17	26°30	14°47	n.a.	S 9
M10	22 38 46	7°43'47	26°34	8°36	8° 6	6°41	4° 7	12°59	8°38	15°37	27°38	25°15	26°27	14°53	n.a.	M10
T 11	22 42 43	8°43'33	11♋ 0	10°18	9°20	7°16	3°59	13° 1	8°41	15°37	27°39	25°12	26°24	15° 0	n.a.	T 11
W12	22 46 39	9°43'20	25°38	11°58	10°34	7°50	3°51	13° 2	8°43	15°36	27°40	25° 6	26°21	15° 7	n.a.	W12
T 13	22 50 36	10°43'10	10♌23	13°38	11°48	8°24	3°43	13° 4	8°45	15°35	27°41	24°59	26°18	15°14	n.a.	T 13
F 14	22 54 33	11°43'02	25° 7	15°17	13° 2	8°59	3°35	13° 6	8°47	15°34	27°41	24°52	26°14	15°20	n.a.	F 14
S 15	22 58 29	12°42'57	9♍42	16°56	14°16	9°33	3°27	13° 8	8°50	15°34	27°42	24°46	26°11	15°27	n.a.	S 15
S 16	23 2 26	13°42'53	24° 1	18°34	15°30	10° 7	3°19	13°10	8°52	15°33	27°43	24°41	26° 8	15°34	n.a.	S 16
M17	23 6 22	14°42'51	8♎ 0	20°12	16°44	10°41	3°12	13°12	8°55	15°32	27°44	24°38	26° 5	15°40	n.a.	M17
T 18	23 10 19	15°42'51	21°34	21°49	17°58	11°15	3° 4	13°14	8°57	15°32	27°45	24°D36	26° 2	15°47	n.a.	T 18
W19	23 14 15	16°42'53	4♏43	23°25	19°12	11°48	2°56	13°16	9° 0	15°31	27°46	24°37	25°58	15°54	n.a.	W19
T 20	23 18 12	17°42'57	17°29	25° 1	20°27	12°22	2°48	13°18	9° 2	15°30	27°47	24°38	25°55	16° 1	n.a.	T 20
F 21	23 22 8	18°43'03	29°55	26°36	21°41	12°56	2°41	13°21	9° 5	15°30	27°48	24°40	25°52	16° 7	n.a.	F 21
S 22	23 26 5	19°43'11	12♐ 6	28°11	22°55	13°29	2°34	13°23	9° 8	15°29	27°49	24°41	25°49	16°14	n.a.	S 22
S 23	23 30 1	20°43'20	24° 5	29°45	24°10	14° 2	2°26	13°26	9°10	15°29	27°50	24°R41	25°46	16°21	n.a.	S 23
M24	23 33 58	21°43'31	5♑59	1♎19	25°24	14°36	2°19	13°28	9°13	15°29	27°51	24°40	25°43	16°28	n.a.	M24
T 25	23 37 55	22°43'44	17°51	2°52	26°39	15° 9	2°12	13°31	9°16	15°28	27°52	24°38	25°39	16°34	n.a.	T 25
W26	23 41 51	23°43'58	29°46	4°25	27°53	15°42	2° 5	13°34	9°19	15°28	27°53	24°34	25°36	16°41	n.a.	W26
T 27	23 45 48	24°44'14	11♒48	5°57	29° 8	16°15	1°58	13°37	9°22	15°27	27°54	24°29	25°33	16°48	n.a.	T 27
F 28	23 49 44	25°44'32	24° 0	7°29	0♍23	16°48	1°51	13°40	9°24	15°27	27°55	24°23	25°30	16°54	n.a.	F 28
S 29	23 53 41	26°44'51	6♓24	9° 1	1°37	17°20	1°45	13°43	9°27	15°27	27°57	24°19	25°27	17° 1	n.a.	S 29
S 30	23 57 37	27♍45'12	19♓ 2	10♎32	2♍52	17♋53	1♓38	13♐46	9♏30	15♑27	27♏58	24♈14	25♈24	17♑ 8	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n 4	16s25	4s17	15n45	1n46	21n40	0n37	24n41	0n52	11s23	1s49	22s16	0n26	14s17	0n14	23s 8	0s17	16s30	3n31	10n 3	10n32	28s 4		n.a.
S 2	11 43	11 10	3 37	15 6	1 43	21 28	0 39	24 41	0 53	11 27	1 49	22 16	0 26	14 17	0 14	23 8	0 17	16 30	3 31	10 0	10 31	28 3		n.a.
M 3	11 22	5 25	2 45	14 27	1 40	21 15	0 42	24 41	0 54	11 30	1 49	22 16	0 26	14 18	0 14	23 9	0 17	16 30	3 31	9 57	10 30	28 2		n.a.
T 4	11 1	0n39	1 44	13 46	1 36	21 2	0 45	24 41	0 55	11 33	1 49	22 16	0 26	14 18	0 14	23 9	0 17	16 31	3 30	9 56	10 29	28 2		n.a.
W 5	10 39	6 46	0 37	13 5	1 32	20 48	0 47	24 41	0 56	11 36	1 50	22 17	0 25	14 19	0 14	23 9	0 17	16 31	3 30	9 55	10 27	28 1		n.a.
T 6	10 17	12 43	0n34	12 23	1 28	20 33	0 50	24 41	0 57	11 39	1 50	22 17	0 25	14 20	0 14	23 9	0 17	16 31	3 30	9 55	10 26	28 1		n.a.
F 7	9 55	18 12	1 44	11 41	1 23	20 18	0 52	24 41	0 58	11 42	1 50	22 17	0 25	14 20	0 14	23 9	0 17	16 32	3 30	9 55	10 25	28 0		n.a.
S 8	9 33	22 53	2 49	10 58	1 18	20 2	0 54	24 40	0 59	11 45	1 50	22 17	0 25	14 21	0 14	23 9	0 17	16 32	3 30	9 56	10 24	28 0		n.a.
S 9	9 11	26 22	3 46	10 14	1 13	19 45	0 57	24 39	0 59	11 48	1 50	22 18	0 25	14 22	0 14	23 9	0 17	16 32	3 29	9 56	10 23	27 59		n.a.
M10	8 48	28 16	4 30	9 31	1 8	19 28	0 59	24 39	1 0	11 51	1 50	22 18	0 25	14 23	0 14	23 9	0 17	16 33	3 29	9 55	10 22	27 58		n.a.
T 11	8 25	28 18	4 59	8 47	1 2	19 11	1 1	24 38	1 1	11 54	1 49	22 18	0 25	14 23	0 14	23 9	0 17	16 33	3 29	9 54	10 20	27 58		n.a.
W12	8 3	26 23	5 8	8 3	0 56	18 52	1 3	24 37	1 2	11 57	1 49	22 19	0 25	14 24	0 14	23 10	0 17	16 33	3 29	9 52	10 19	27 57		n.a.
T 13	7 40	22 40	4 57	7 18	0 50	18 34	1 5	24 35	1 3	12 0	1 49	22 19	0 24	14 25	0 14	23 10	0 17	16 34	3 29	9 49	10 18	27 57		n.a.
F 14	7 17	17 31	4 27	6 34	0 44	18 14	1 7	24 34	1 4	12 2	1 49	22 19	0 24	14 26	0 14	23 10	0 17	16 34	3 28	9 47	10 17	27 56		n.a.
S 15	6 53	11 25	3 39	5 49	0 38	17 55	1 9	24 32	1 5	12 5	1 49	22 20	0 24	14 26	0 14	23 10	0 17	16 35	3 28	9 44	10 16	27 55		n.a.
S 16	6 30	4 49	2 38	5 5	0 32	17 34	1 11	24 31	1 6	12 8	1 49	22 20	0 24	14 27	0 14	23 10	0 17	16 35	3 28	9 42	10 15	27 55		n.a.
M17	6 7	1s52	1 29	4 20	0 25	17 13	1 13	24 29	1 7	12 11	1 49	22 20	0 24	14 28	0 14	23 10	0 17	16 35	3 28	9 41	10 13	27 54		n.a.
T 18	5 43	8 17	0 17	3 35	0 19	16 52	1 15	24 27	1 8	12 14	1 49	22 21	0 24	14 29	0 14	23 10	0 17	16 36	3 28	9 41	10 12	27 53		n.a.
W19	5 19	14 9	0s55	2 51	0 12	16 30	1 16	24 25	1 9	12 17	1 49	22 21	0 24	14 30	0 14	23 10	0 17	16 36	3 27	9 41	10 11	27 53		n.a.
T 20	4 56	19 15	2 1	2 6	0 6	16 8	1 18	24 23	1 10	12 19	1 49	22 22	0 24	14 31	0 14	23 10	0 17	16 37	3 27	9 41	10 10	27 52		n.a.
F 21	4 32	23 23	3 0	1 22	0s 1	15 45	1 20	24 21	1 11	12 22	1 49	22 22	0 23	14 31	0 14	23 10	0 17	16 37	3 27	9 42	10 9	27 51		n.a.
S 22	4 8	26 23	3 50	0 37	0 7	15 22	1 21	24 18	1 12	12 25	1 49	22 23	0 23	14 32	0 14	23 10	0 17	16 37	3 27	9 42	10 8	27 50		n.a.
S 23	3 44	28 9	4 29	0s 7	0 14	14 58	1 22	24 16	1 13	12 27	1 49	22 23	0 23	14 33	0 14	23 10	0 17	16 38	3 27	9 43	10 6	27 50		n.a.
M24	3 20	28 36	4 56	0 51	0 21	14 34	1 24	24 13	1 14	12 30	1 48	22 23	0 23	14 34	0 14	23 10	0 17	16 38	3 26	9 42	10 5	27 49		n.a.
T 25	2 56	27 43	5 10	1 35	0 27	14 9	1 25	24 10	1 14	12 32	1 48	22 24	0 23	14 35	0 14	23 11	0 17	16 39	3 26	9 41	10 4	27 48		n.a.
W26	2 32	25 34	5 11	2 18	0 34	13 44	1 26	24 7	1 15	12 35	1 48	22 24	0 23	14 36	0 14	23 11	0 17	16 39	3 26	9 40	10 3	27 48		n.a.
T 27	2 7	22 16	4 58	3 1	0 41	13 19	1 27	24 4	1 16	12 37	1 48	22 25	0 23	14 37	0 14	23 11	0 17	16 40	3 26	9 38	10 2	27 47		n.a.
F 28	1 43	17 59	4 32	3 44	0 47	12 53	1 28	24 1	1 17	12 39	1 48	22 25	0 23	14 38	0 14	23 11	0 17	16 40	3 26	9 36	10 1	27 46		n.a.
S 29	1 19	12 53	3 52	4 27	0 54	12 27	1 29	23 58	1 19	12 41	1 48	22 26	0 22	14 39	0 14	23 11	0 17	16 41	3 25	9 34	9 59	27 45		n.a.
S 30	0n54	7s10	3s 1	5s 9	1s 0	12n 0	1n30	23n55	1n20	12s44	1s47	22s26	0n22	14s40	0n14	23s11	0s17	16s41	3n25	9n32	9n58	27s45		n.a.

Julian Day Number = 1372487.5, Delta T = 06h49m27s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°15'54, Lahiri = -17°08'54 Julian Calendar 1 Sept. 956 BCE == Greg. Calendar 23 Aug. 956 BCE

The year -955 astronomical counting style corresponds to year 956 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 956 BCE
geocentric

OCTOBER 956 BCE (-955) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 1 34	28♍45'35	1♈53	12♎ 2	4♍ 7	18♋25	1°R32	13♐50	9♏33	15°R26	27♏59	24°R11	25♈20	17♑15	n.a.	M 1
T 2	0 5 30	29°46'00	14°58	13°32	5°22	18°58	1♓25	13°53	9°36	15♑26	28° 0	24♈10	25°17	17°21	n.a.	T 2
W 3	0 9 27	0♎46'26	28°15	15° 2	6°36	19°30	1°19	13°57	9°39	15°26	28° 2	24°D10	25°14	17°28	n.a.	W 3
T 4	0 13 24	1°46'55	11♉44	16°32	7°51	20° 2	1°13	14° 0	9°42	15°26	28° 3	24°10	25°11	17°35	n.a.	T 4
F 5	0 17 20	2°47'25	25°25	18° 1	9° 6	20°34	1° 8	14° 4	9°45	15°26	28° 4	24°12	25° 8	17°41	n.a.	F 5
S 6	0 21 17	3°47'58	9♊15	19°29	10°21	21° 6	1° 2	14° 8	9°48	15°26	28° 6	24°13	25° 4	17°48	n.a.	S 6
S 7	0 25 13	4°48'32	23°15	20°57	11°36	21°38	0°56	14°12	9°52	15°D26	28° 7	24°14	25° 1	17°55	n.a.	S 7
M 8	0 29 10	5°49'09	7♋22	22°24	12°51	22° 9	0°51	14°15	9°55	15°26	28° 9	24°R15	24°58	18° 2	n.a.	M 8
T 9	0 33 6	6°49'47	21°35	23°51	14° 6	22°41	0°46	14°20	9°58	15°26	28°10	24°14	24°55	18° 8	n.a.	T 9
W10	0 37 3	7°50'28	5♌52	25°18	15°21	23°12	0°41	14°24	10° 1	15°26	28°12	24°13	24°52	18°15	n.a.	W10
T 11	0 40 59	8°51'10	20°10	26°43	16°37	23°43	0°36	14°28	10° 4	15°26	28°13	24°11	24°49	18°22	n.a.	T 11
F 12	0 44 56	9°51'54	4♍24	28° 8	17°52	24°14	0°31	14°32	10° 8	15°26	28°15	24° 9	24°45	18°29	n.a.	F 12
S 13	0 48 53	10°52'39	18°31	29°32	19° 7	24°45	0°27	14°36	10°11	15°27	28°16	24° 7	24°42	18°35	n.a.	S 13
S 14	0 52 49	11°53'27	2♎26	0♏56	20°22	25°16	0°23	14°41	10°14	15°27	28°18	24° 6	24°39	18°42	n.a.	S 14
M15	0 56 46	12°54'15	16° 6	2°18	21°37	25°46	0°19	14°45	10°18	15°27	28°19	24° 5	24°36	18°49	n.a.	M15
T 16	1 0 42	13°55'05	29°28	3°39	22°53	26°17	0°15	14°50	10°21	15°27	28°21	24°D 5	24°33	18°55	n.a.	T 16
W17	1 4 39	14°55'57	12♏30	4°59	24° 8	26°47	0°11	14°54	10°24	15°28	28°23	24° 6	24°29	19° 2	n.a.	W17
T 18	1 8 35	15°56'50	25°14	6°18	25°23	27°17	0° 7	14°59	10°28	15°28	28°24	24° 6	24°26	19° 9	n.a.	T 18
F 19	1 12 32	16°57'44	7♐41	7°35	26°38	27°47	0° 4	15° 4	10°31	15°29	28°26	24° 7	24°23	19°16	n.a.	F 19
S 20	1 16 28	17°58'39	19°53	8°50	27°54	28°17	0° 1	15° 9	10°35	15°29	28°28	24° 8	24°20	19°22	n.a.	S 20
S 21	1 20 25	18°59'35	1♑54	10° 3	29° 9	28°46	29♒58	15°14	10°38	15°29	28°29	24° 8	24°17	19°29	n.a.	S 21
M22	1 24 22	20° 0'32	13°49	11°14	0♎24	29°16	29°55	15°19	10°42	15°30	28°31	24° 9	24°14	19°36	n.a.	M22
T 23	1 28 18	21° 1'31	25°41	12°22	1°40	29°45	29°53	15°24	10°45	15°31	28°33	24°R 9	24°10	19°43	n.a.	T 23
W24	1 32 15	22° 2'30	7♒36	13°27	2°55	0♌14	29°50	15°29	10°49	15°31	28°35	24° 8	24° 7	19°49	n.a.	W24
T 25	1 36 11	23° 3'30	19°39	14°28	4°11	0°43	29°48	15°34	10°52	15°32	28°36	24° 8	24° 4	19°56	n.a.	T 25
F 26	1 40 8	24° 4'30	1♓53	15°25	5°26	1°12	29°46	15°39	10°56	15°32	28°38	24°D 8	24° 1	20° 3	n.a.	F 26
S 27	1 44 4	25° 5'32	14°22	16°18	6°41	1°40	29°45	15°45	10°59	15°33	28°40	24° 8	23°58	20° 9	n.a.	S 27
S 28	1 48 1	26° 6'34	27° 8	17° 5	7°57	2° 8	29°43	15°50	11° 3	15°34	28°42	24° 8	23°55	20°16	n.a.	S 28
M29	1 51 57	27° 7'37	10♈14	17°47	9°12	2°36	29°42	15°56	11° 6	15°35	28°44	24° 9	23°51	20°23	n.a.	M29
T 30	1 55 54	28° 8'42	23°40	18°21	10°28	3° 4	29°41	16° 1	11°10	15°35	28°46	24°R 9	23°48	20°30	n.a.	T 30
W31	1 59 51	29♎ 9'47	7♉23	18♏48	11♎43	3♌32	29♒40	16♐ 7	11♏14	15♑36	28♏48	24♈ 9	23♈45	20♑36	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	0n30	1s 4	1s59	5s51	1s 6	11n34	1n31	23n51	1n21	12s46	1s47	22s27	0n22	14s41	0n14	23s11	0s17	16s41	3n25	9n31	9n57	27s44			n.a.
T 2	0 6	5n13	0 50	6 32	1 13	11 6	1 32	23 48	1 22	12 48	1 47	22 27	0 22	14 42	0 14	23 11	0 17	16 42	3 25	9 31	9 56	27 43			n.a.
W 3	0s19	11 22	0n22	7 13	1 19	10 39	1 32	23 44	1 23	12 50	1 47	22 28	0 22	14 43	0 14	23 11	0 17	16 42	3 25	9 31	9 55	27 42			n.a.
T 4	0 43	17 6	1 35	7 54	1 25	10 11	1 33	23 40	1 24	12 52	1 47	22 28	0 22	14 44	0 14	23 11	0 17	16 43	3 24	9 31	9 53	27 41			n.a.
F 5	1 8	22 3	2 44	8 34	1 31	9 43	1 33	23 36	1 25	12 54	1 47	22 29	0 22	14 45	0 14	23 11	0 17	16 43	3 24	9 32	9 52	27 41			n.a.
S 6	1 32	25 52	3 43	9 13	1 36	9 15	1 34	23 32	1 26	12 56	1 46	22 30	0 22	14 46	0 14	23 11	0 17	16 44	3 24	9 32	9 51	27 40			n.a.
S 7	1 56	28 8	4 31	9 52	1 42	8 46	1 34	23 28	1 27	12 57	1 46	22 30	0 22	14 47	0 14	23 11	0 17	16 44	3 24	9 32	9 50	27 39			n.a.
M 8	2 21	28 38	5 2	10 31	1 47	8 17	1 34	23 24	1 28	12 59	1 46	22 31	0 21	14 48	0 14	23 11	0 17	16 45	3 24	9 33	9 49	27 38			n.a.
T 9	2 45	27 14	5 15	11 8	1 53	7 48	1 34	23 20	1 29	13 1	1 46	22 31	0 21	14 49	0 14	23 11	0 17	16 45	3 23	9 32	9 48	27 37			n.a.
W10	3 9	24 5	5 9	11 45	1 58	7 18	1 35	23 16	1 30	13 2	1 45	22 32	0 21	14 50	0 14	23 11	0 17	16 46	3 23	9 32	9 46	27 36			n.a.
T 11	3 34	19 28	4 44	12 21	2 2	6 49	1 35	23 11	1 31	13 4	1 45	22 32	0 21	14 51	0 14	23 11	0 17	16 46	3 23	9 31	9 45	27 36			n.a.
F 12	3 58	13 47	4 1	12 57	2 7	6 19	1 35	23 7	1 32	13 5	1 45	22 33	0 21	14 52	0 14	23 11	0 17	16 47	3 23	9 30	9 44	27 35			n.a.
S 13	4 22	7 26	3 4	13 31	2 11	5 49	1 35	23 2	1 33	13 7	1 45	22 34	0 21	14 53	0 14	23 11	0 17	16 47	3 23	9 30	9 43	27 34			n.a.
S 14	4 46	0 48	1 57	14 5	2 15	5 19	1 34	22 58	1 35	13 8	1 44	22 34	0 21	14 54	0 14	23 11	0 17	16 48	3 23	9 29	9 42	27 33			n.a.
M15	5 10	5s45	0 44	14 37	2 18	4 49	1 34	22 53	1 36	13 9	1 44	22 35	0 21	14 55	0 14	23 11	0 17	16 48	3 22	9 29	9 40	27 32			n.a.
T 16	5 34	11 55	0s30	15 8	2 21	4 18	1 34	22 48	1 37	13 10	1 44	22 36	0 21	14 56	0 14	23 11	0 17	16 49	3 22	9 29	9 39	27 31			n.a.
W17	5 58	17 25	1 40	15 39	2 24	3 48	1 33	22 44	1 38	13 12	1 44	22 36	0 20	14 57	0 14	23 11	0 17	16 49	3 22	9 29	9 38	27 30			n.a.
T 18	6 22	22 1	2 44	16 8	2 27	3 17	1 33	22 39	1 39	13 13	1 43	22 37	0 20	14 58	0 14	23 11	0 17	16 50	3 22	9 29	9 37	27 29			n.a.
F 19	6 46	25 31	3 39	16 35	2 28	2 46	1 32	22 34	1 40	13 14	1 43	22 38	0 20	15 0	0 14	23 11	0 17	16 51	3 22	9 30	9 36	27 28			n.a.
S 20	7 9	27 47	4 22	17 1	2 30	2 15	1 32	22 29	1 42	13 14	1 43	22 38	0 20	15 1	0 14	23 11	0 17	16 51	3 22	9 30	9 35	27 27			n.a.
S 21	7 33	28 41	4 53	17 26	2 31	1 44	1 31	22 24	1 43	13 15	1 43	22 39	0 20	15 2	0 14	23 10	0 17	16 52	3 21	9 30	9 33	27 27			n.a.
M22	7 56	28 15	5 12	17 49	2 31	1 13	1 31	22 19	1 44	13 16	1 42	22 39	0 20	15 3	0 14	23 10	0 17	16 52	3 21	9 30	9 32	27 26			n.a.
T 23	8 20	26 31	5 17	18 10	2 30	0 42	1 30	22 14	1 45	13 17	1 42	22 40	0 20	15 4	0 14	23 10	0 17	16 53	3 21	9 30	9 31	27 25			n.a.
W24	8 43	23 37	5 8	18 29	2 29	0 11	1 29	22 9	1 46	13 17	1 42	22 41	0 20	15 5	0 14	23 10	0 17	16 53	3 21	9 30	9 30	27 24			n.a.
T 25	9 6	19 40	4 46	18 46	2 27	0s21	1 28	22 4	1 48	13 18	1 41	22 41	0 20	15 6	0 14	23 10	0 17	16 54	3 21	9 30	9 29	27 23			n.a.
F 26	9 29	14 52	4 11	19 0	2 24	0 52	1 27	21 58	1 49	13 18	1 41	22 42	0 20	15 7	0 14	23 10	0 17	16 54	3 21	9 30	9 27	27 22			n.a.
S 27	9 51	9 22	3 23	19 12	2 20	1 23	1 26	21 53	1 50	13 18	1 41	22 43	0 19	15 9	0 14	23 10	0 17	16 55	3 20	9 30	9 26	27 21			n.a.
S 28	10 14	3 21	2 24	19 21	2 15	1 54	1 25	21 48	1 51	13 19	1 40	22 44	0 19	15 10	0 14	23 10	0 17	16 55	3 20	9 30	9 25	27 20			n.a.
M29	10 36	2n57	1 16	19 27	2 9	2 25	1 24	21 43	1 53	13 19	1 40	22 44	0 19	15 11	0 13	23 10	0 17	16 56	3 20	9 30	9 24	27 19			n.a.
T 30	10 59	9 17	0 3	19 30	2 1	2 57	1 22	21 37	1 54	13 19	1 40	22 45	0 19	15 12	0 13	23 10	0 17	16 57	3 20	9 30	9 23	27 18			n.a.
W31	11s21	15n20	1n13	19s29	1s52	3s28	1n21	21n32	1n55	13s19	1s40	22s46	0n19	15s13	0n13	23s10	0s17	16s57	3n20	9n30	9n21	27s17			n.a.

Julian Day Number = 1372517.5, Delta T = 06h49m25s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°15'50, Lahiri = -17°08'49 Julian Calendar 1 Oct. 956 BCE == Greg. Calendar 22 Sept. 956 BCE

The year -955 astronomical counting style corresponds to year 956 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 956 BCE
geocentric

NOVEMBER 956 BCE (-955) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 3 47	0♏10'53	21♉21	19♏ 7	12♎59	4♌ 0	29°R39	16♐12	11♏17	15♑37	28♏49	24°R 8	23♈42	20♑43	n.a.	T 1
F 2	2 7 44	1°12'00	5♊30	19°R16	14°14	4°27	29♒39	16°18	11°21	15°38	28°51	24♈ 8	23°39	20°50	n.a.	F 2
S 3	2 11 40	2°13'08	19°47	19°15	15°30	4°54	29°38	16°24	11°24	15°39	28°53	24° 7	23°35	20°56	n.a.	S 3
S 4	2 15 37	3°14'17	4♋ 6	19° 3	16°45	5°21	29°D38	16°30	11°28	15°40	28°55	24° 6	23°32	21° 3	n.a.	S 4
M 5	2 19 33	4°15'28	18°24	18°40	18° 1	5°47	29°39	16°35	11°32	15°41	28°57	24° 5	23°29	21°10	n.a.	M 5
T 6	2 23 30	5°16'39	2♌38	18° 6	19°16	6°14	29°39	16°41	11°35	15°42	28°59	24°D 4	23°26	21°17	n.a.	T 6
W 7	2 27 26	6°17'51	16°45	17°20	20°32	6°40	29°40	16°47	11°39	15°43	29° 1	24° 5	23°23	21°23	n.a.	W 7
T 8	2 31 23	7°19'04	0♍43	16°24	21°47	7° 6	29°40	16°53	11°43	15°44	29° 3	24° 5	23°20	21°30	n.a.	T 8
F 9	2 35 20	8°20'18	14°32	15°18	23° 3	7°31	29°41	16°59	11°46	15°45	29° 5	24° 6	23°16	21°37	n.a.	F 9
S 10	2 39 16	9°21'33	28°10	14° 4	24°18	7°57	29°42	17° 5	11°50	15°46	29° 7	24° 8	23°13	21°44	n.a.	S 10
S 11	2 43 13	10°22'49	11♎36	12°45	25°34	8°22	29°44	17°12	11°54	15°47	29° 9	24° 9	23°10	21°50	n.a.	S 11
M12	2 47 9	11°24'05	24°51	11°22	26°49	8°47	29°45	17°18	11°57	15°48	29°11	24°R 9	23° 7	21°57	n.a.	M12
T 13	2 51 6	12°25'21	7♏52	10° 0	28° 5	9°11	29°47	17°24	12° 1	15°50	29°13	24° 8	23° 4	22° 4	n.a.	T 13
W14	2 55 2	13°26'38	20°39	8°40	29°21	9°36	29°49	17°30	12° 5	15°51	29°15	24° 7	23° 1	22°10	n.a.	W14
T 15	2 58 59	14°27'56	3♐14	7°25	0♏36	10° 0	29°52	17°37	12° 8	15°52	29°17	24° 4	22°57	22°17	n.a.	T 15
F 16	3 2 55	15°29'14	15°35	6°18	1°52	10°24	29°54	17°43	12°12	15°54	29°19	24° 1	22°54	22°24	n.a.	F 16
S 17	3 6 52	16°30'32	27°45	5°19	3° 7	10°47	29°57	17°50	12°16	15°55	29°22	23°57	22°51	22°31	n.a.	S 17
S 18	3 10 49	17°31'50	9♑45	4°31	4°23	11°10	29°59	17°56	12°19	15°56	29°24	23°53	22°48	22°37	n.a.	S 18
M19	3 14 45	18°33'07	21°39	3°53	5°38	11°33	0♓ 2	18° 3	12°23	15°58	29°26	23°50	22°45	22°44	n.a.	M19
T 20	3 18 42	19°34'25	3♒31	3°25	6°54	11°55	0° 6	18° 9	12°27	15°59	29°28	23°47	22°41	22°51	n.a.	T 20
W21	3 22 38	20°35'43	15°24	3° 8	8° 9	12°18	0° 9	18°16	12°30	16° 1	29°30	23°D46	22°38	22°58	n.a.	W21
T 22	3 26 35	21°37'00	27°24	3°D 2	9°25	12°39	0°13	18°22	12°34	16° 2	29°32	23°46	22°35	23° 4	n.a.	T 22
F 23	3 30 31	22°38'18	9♓35	3° 4	10°40	13° 1	0°17	18°29	12°37	16° 4	29°34	23°47	22°32	23°11	n.a.	F 23
S 24	3 34 28	23°39'34	22° 2	3°16	11°56	13°22	0°21	18°36	12°41	16° 5	29°36	23°49	22°29	23°18	n.a.	S 24
S 25	3 38 25	24°40'51	4♈49	3°36	13°11	13°43	0°25	18°43	12°45	16° 7	29°38	23°51	22°26	23°24	n.a.	S 25
M26	3 42 21	25°42'07	18° 0	4° 3	14°27	14° 3	0°29	18°49	12°48	16° 8	29°40	23°R52	22°22	23°31	n.a.	M26
T 27	3 46 18	26°43'23	1♉36	4°36	15°42	14°24	0°34	18°56	12°52	16°10	29°43	23°52	22°19	23°38	n.a.	T 27
W28	3 50 14	27°44'39	15°37	5°16	16°58	14°43	0°38	19° 3	12°55	16°11	29°45	23°50	22°16	23°45	n.a.	W28
T 29	3 54 11	28°45'54	29°59	6° 0	18°13	15° 3	0°43	19°10	12°59	16°13	29°47	23°46	22°13	23°51	n.a.	T 29
F 30	3 58 7	29♏47'10	14♊37	6♏50	19♏29	15♌22	0♓48	19♐17	13♏ 3	16♑15	29♏49	23♈41	22♈10	23♑58	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s43	20n42	2n25	19s24	1s42	3s59	1n20	21n27	1n57	13s19	1s39	22s46	0n19	15s14	0n13	23s10	0s17	16s58	3n20	9n30	9n20	27s16		n.a.
F 2	12 4	24 59	3 30	19 16	1 31	4 30	1 18	21 21	1 58	13 19	1 39	22 47	0 19	15 15	0 13	23 10	0 17	16 58	3 20	9 30	9 19	27 15		n.a.
S 3	12 26	27 45	4 22	19 3	1 17	5 1	1 17	21 16	1 59	13 19	1 39	22 48	0 19	15 16	0 13	23 9	0 17	16 59	3 19	9 30	9 18	27 14		n.a.
S 4	12 47	28 42	4 57	18 46	1 3	5 31	1 16	21 10	2 1	13 18	1 38	22 48	0 19	15 18	0 13	23 9	0 17	16 59	3 19	9 29	9 17	27 13		n.a.
M 5	13 8	27 43	5 15	18 24	0 47	6 2	1 14	21 5	2 2	13 18	1 38	22 49	0 19	15 19	0 13	23 9	0 17	17 0	3 19	9 29	9 16	27 11		n.a.
T 6	13 29	24 57	5 13	17 57	0 29	6 33	1 12	21 0	2 3	13 17	1 38	22 50	0 18	15 20	0 13	23 9	0 17	17 0	3 19	9 29	9 14	27 10		n.a.
W 7	13 50	20 41	4 52	17 26	0 10	7 3	1 11	20 54	2 5	13 17	1 37	22 50	0 18	15 21	0 13	23 9	0 17	17 1	3 19	9 29	9 13	27 9		n.a.
T 8	14 10	15 20	4 14	16 51	0n 9	7 33	1 9	20 49	2 6	13 16	1 37	22 51	0 18	15 22	0 13	23 9	0 17	17 2	3 19	9 29	9 12	27 8		n.a.
F 9	14 30	9 16	3 22	16 12	0 30	8 3	1 7	20 44	2 8	13 16	1 37	22 52	0 18	15 23	0 13	23 9	0 17	17 2	3 19	9 29	9 11	27 7		n.a.
S 10	14 50	2 51	2 19	15 31	0 50	8 33	1 5	20 38	2 9	13 15	1 36	22 52	0 18	15 25	0 13	23 9	0 17	17 3	3 18	9 30	9 10	27 6		n.a.
S 11	15 10	3s36	1 9	14 47	1 10	9 3	1 4	20 33	2 10	13 14	1 36	22 53	0 18	15 26	0 13	23 8	0 17	17 3	3 18	9 30	9 8	27 5		n.a.
M12	15 29	9 49	0s 4	14 3	1 30	9 32	1 2	20 28	2 12	13 13	1 36	22 54	0 18	15 27	0 13	23 8	0 17	17 4	3 18	9 30	9 7	27 4		n.a.
T 13	15 48	15 32	1 15	13 20	1 48	10 2	1 0	20 23	2 13	13 12	1 35	22 55	0 18	15 28	0 13	23 8	0 17	17 4	3 18	9 30	9 6	27 3		n.a.
W14	16 7	20 27	2 21	12 39	2 4	10 31	0 58	20 17	2 15	13 11	1 35	22 55	0 18	15 29	0 13	23 8	0 17	17 5	3 18	9 30	9 5	27 2		n.a.
T 15	16 26	24 23	3 19	12 1	2 19	10 59	0 56	20 12	2 16	13 10	1 35	22 56	0 18	15 30	0 13	23 8	0 17	17 6	3 18	9 29	9 4	27 0		n.a.
F 16	16 44	27 6	4 6	11 27	2 31	11 28	0 54	20 7	2 18	13 9	1 35	22 57	0 17	15 31	0 13	23 8	0 17	17 6	3 18	9 27	9 2	26 59		n.a.
S 17	17 2	28 29	4 42	10 59	2 41	11 56	0 52	20 2	2 19	13 8	1 34	22 57	0 17	15 33	0 13	23 8	0 17	17 7	3 18	9 26	9 1	26 58		n.a.
S 18	17 20	28 30	5 4	10 35	2 48	12 24	0 50	19 57	2 21	13 7	1 34	22 58	0 17	15 34	0 13	23 7	0 17	17 7	3 17	9 24	9 0	26 57		n.a.
M19	17 37	27 11	5 13	10 17	2 54	12 51	0 48	19 52	2 23	13 5	1 34	22 59	0 17	15 35	0 13	23 7	0 17	17 8	3 17	9 23	8 59	26 56		n.a.
T 20	17 54	24 40	5 9	10 4	2 57	13 19	0 45	19 47	2 24	13 4	1 33	22 59	0 17	15 36	0 13	23 7	0 17	17 8	3 17	9 22	8 58	26 55		n.a.
W21	18 11	21 6	4 52	9 57	2 59	13 46	0 43	19 42	2 26	13 2	1 33	23 0	0 17	15 37	0 13	23 7	0 17	17 9	3 17	9 22	8 56	26 53		n.a.
T 22	18 27	16 39	4 21	9 55	2 59	14 12	0 41	19 37	2 27	13 1	1 33	23 1	0 17	15 38	0 13	23 7	0 17	17 9	3 17	9 22	8 55	26 52		n.a.
F 23	18 43	11 28	3 39	9 57	2 58	14 38	0 39	19 33	2 29	12 59	1 32	23 1	0 17	15 39	0 13	23 7	0 17	17 10	3 17	9 22	8 54	26 51		n.a.
S 24	18 59	5 44	2 45	10 3	2 55	15 4	0 37	19 28	2 31	12 57	1 32	23 2	0 17	15 40	0 13	23 6	0 17	17 11	3 17	9 23	8 53	26 50		n.a.
S 25	19 14	0n23	1 42	10 13	2 52	15 30	0 34	19 24	2 32	12 55	1 32	23 3	0 17	15 42	0 13	23 6	0 17	17 11	3 17	9 24	8 52	26 49		n.a.
M26	19 29	6 41	0 32	10 27	2 47	15 55	0 32	19 19	2 34	12 54	1 31	23 3	0 17	15 43	0 13	23 6	0 17	17 12	3 17	9 24	8 50	26 47		n.a.
T 27	19 44	12 52	0n42	10 43	2 42	16 19	0 30	19 15	2 36	12 52	1 31	23 4	0 17	15 44	0 13	23 6	0 17	17 12	3 16	9 24	8 49	26 46		n.a.
W28	19 58	18 37	1 56	11 2	2 36	16 44	0 27	19 10	2 37	12 50	1 31	23 5	0 16	15 45	0 13	23 6	0 17	17 13	3 16	9 23	8 48	26 45		n.a.
T 29	20 12	23 27	3 4	11 23	2 29	17 7	0 25	19 6	2 39	12 48	1 30	23 5	0 16	15 46	0 13	23 5	0 17	17 13	3 16	9 22	8 47	26 44		n.a.
F 30	20s25	26n54	4n 1	11s46	2n22	17s31	0n23	19n 2	2n41	12s46	1s30	23s 6	0n16	15s47	0n13	23s 5	0s17	17s14	3n16	9n20	8n46	26s42		n.a.

Julian Day Number = 1372548.5, Delta T = 06h49m24s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°15'46, Lahiri = -17°08'45 Julian Calendar 1 Nov. 956 BCE == Greg. Calendar 23 Oct. 956 BCE

The year -955 astronomical counting style corresponds to year 956 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 956 BCE
geocentric

DECEMBER 956 BCE (-955) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 2 4	0♐48'25	29♊25	7♏44	20♏44	15♌40	0♓54	19♐24	13♏ 6	16♑17	29♏51	23°R36	22♈ 7	24♑ 5	n.a.	S 1
S 2	4 6 1	1°49'40	14♋13	8°41	22° 0	15°58	0°59	19°31	13°10	16°18	29°53	23♈30	22° 3	24°12	n.a.	S 2
M 3	4 9 57	2°50'55	28°54	9°42	23°15	16°16	1° 5	19°38	13°13	16°20	29°55	23°25	22° 0	24°18	n.a.	M 3
T 4	4 13 54	3°52'09	13♌22	10°46	24°30	16°33	1°11	19°44	13°17	16°22	29°57	23°21	21°57	24°25	n.a.	T 4
W 5	4 17 50	4°53'24	27°34	11°52	25°46	16°50	1°17	19°51	13°20	16°24	29°59	23°19	21°54	24°32	n.a.	W 5
T 6	4 21 47	5°54'38	11♍28	13° 1	27° 1	17° 7	1°23	19°58	13°24	16°25	0♐ 2	23°D19	21°51	24°38	n.a.	T 6
F 7	4 25 43	6°55'52	25° 3	14°12	28°17	17°23	1°29	20° 6	13°27	16°27	0° 4	23°20	21°47	24°45	n.a.	F 7
S 8	4 29 40	7°57'05	8♎22	15°25	29°32	17°38	1°36	20°13	13°30	16°29	0° 6	23°21	21°44	24°52	n.a.	S 8
S 9	4 33 36	8°58'18	21°26	16°39	0♐47	17°53	1°42	20°20	13°34	16°31	0° 8	23°R22	21°41	24°59	n.a.	S 9
M10	4 37 33	9°59'31	4♏17	17°56	2° 3	18° 8	1°49	20°27	13°37	16°33	0°10	23°22	21°38	25° 5	n.a.	M10
T 11	4 41 30	11° 0'44	16°56	19°13	3°18	18°22	1°56	20°34	13°41	16°35	0°12	23°19	21°35	25°12	n.a.	T 11
W12	4 45 26	12° 1'55	29°26	20°32	4°34	18°35	2° 3	20°41	13°44	16°37	0°14	23°14	21°32	25°19	n.a.	W12
T 13	4 49 23	13° 3'07	11♐46	21°53	5°49	18°48	2°11	20°48	13°47	16°39	0°16	23° 6	21°28	25°26	n.a.	T 13
F 14	4 53 19	14° 4'17	23°57	23°14	7° 4	19° 1	2°18	20°55	13°51	16°41	0°18	22°57	21°25	25°32	n.a.	F 14
S 15	4 57 16	15° 5'27	6♑ 1	24°36	8°20	19°13	2°26	21° 2	13°54	16°43	0°20	22°46	21°22	25°39	n.a.	S 15
S 16	5 1 12	16° 6'35	17°58	26° 0	9°35	19°24	2°34	21° 9	13°57	16°45	0°23	22°35	21°19	25°46	n.a.	S 16
M17	5 5 9	17° 7'42	29°51	27°24	10°50	19°35	2°42	21°17	14° 0	16°47	0°25	22°25	21°16	25°52	n.a.	M17
T 18	5 9 6	18° 8'49	11♒42	28°49	12° 6	19°45	2°50	21°24	14° 4	16°49	0°27	22°17	21°13	25°59	n.a.	T 18
W19	5 13 2	19° 9'54	23°33	0♐16	13°21	19°55	2°58	21°31	14° 7	16°51	0°29	22°11	21° 9	26° 6	n.a.	W19
T 20	5 16 59	20°10'58	5♓30	1°42	14°36	20° 4	3° 6	21°38	14°10	16°53	0°31	22° 7	21° 6	26°13	n.a.	T 20
F 21	5 20 55	21°12'00	17°37	3°10	15°52	20°12	3°15	21°45	14°13	16°55	0°33	22°D 6	21° 3	26°19	n.a.	F 21
S 22	5 24 52	22°13'01	29°58	4°39	17° 7	20°20	3°23	21°52	14°16	16°57	0°35	22° 6	21° 0	26°26	n.a.	S 22
S 23	5 28 48	23°14'01	12♈40	6° 8	18°22	20°27	3°32	22° 0	14°19	16°59	0°37	22° 7	20°57	26°33	n.a.	S 23
M24	5 32 45	24°14'59	25°46	7°38	19°37	20°34	3°41	22° 7	14°22	17° 1	0°39	22°R 7	20°53	26°39	n.a.	M24
T 25	5 36 41	25°15'55	9♉20	9° 8	20°53	20°40	3°50	22°14	14°25	17° 3	0°41	22° 6	20°50	26°46	n.a.	T 25
W26	5 40 38	26°16'51	23°24	10°40	22° 8	20°45	3°59	22°21	14°28	17° 6	0°43	22° 2	20°47	26°53	n.a.	W26
T 27	5 44 35	27°17'45	7♊55	12°12	23°23	20°50	4° 9	22°28	14°31	17° 8	0°45	21°56	20°44	27° 0	n.a.	T 27
F 28	5 48 31	28°18'37	22°50	13°45	24°38	20°53	4°18	22°35	14°34	17°10	0°47	21°47	20°41	27° 6	n.a.	F 28
S 29	5 52 28	29°19'29	7♋59	15°18	25°53	20°57	4°28	22°43	14°37	17°12	0°48	21°37	20°38	27°13	n.a.	S 29
S 30	5 56 24	0♑20'19	23°12	16°52	27° 8	20°59	4°38	22°50	14°40	17°14	0°50	21°26	20°34	27°20	n.a.	S 30
M31	6 0 21	1♑21'07	8♌18	18♐27	28♐24	21♌ 1	4♓47	22♐57	14♏42	17♑17	0♐52	21♈17	20♈31	27♑27	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s38	28n32	4n43	12s10	2n15	17s53	0n20	18n58	2n43	12s43	1s30	23s 7	0n16	15s48	0n13	23s 5	0s17	17s14	3n16	9n18	8n44	26s41		n.a.
S 2	20 51	28 6	5 6	12 36	2 8	18 16	0 18	18 54	2 44	12 41	1 30	23 7	0 16	15 49	0 13	23 5	0 17	17 15	3 16	9 16	8 43	26 40		n.a.
M 3	21 3	25 43	5 8	13 3	2 0	18 37	0 15	18 51	2 46	12 39	1 29	23 8	0 16	15 50	0 13	23 5	0 17	17 16	3 16	9 14	8 42	26 39		n.a.
T 4	21 15	21 42	4 51	13 31	1 52	18 59	0 13	18 47	2 48	12 36	1 29	23 9	0 16	15 51	0 13	23 4	0 17	17 16	3 16	9 12	8 41	26 37		n.a.
W 5	21 27	16 30	4 16	13 59	1 44	19 20	0 11	18 43	2 50	12 34	1 29	23 9	0 16	15 53	0 13	23 4	0 17	17 17	3 16	9 12	8 40	26 36		n.a.
T 6	21 38	10 33	3 27	14 28	1 36	19 40	0 8	18 40	2 52	12 31	1 28	23 10	0 16	15 54	0 13	23 4	0 17	17 17	3 16	9 12	8 38	26 35		n.a.
F 7	21 48	4 14	2 27	14 57	1 27	19 59	0 6	18 37	2 54	12 29	1 28	23 10	0 16	15 55	0 13	23 4	0 17	17 18	3 16	9 12	8 37	26 33		n.a.
S 8	21 58	2s 9	1 20	15 27	1 19	20 18	0 3	18 34	2 55	12 26	1 28	23 11	0 16	15 56	0 13	23 3	0 17	17 18	3 15	9 13	8 36	26 32		n.a.
S 9	22 8	8 19	0 10	15 57	1 11	20 37	0 1	18 31	2 57	12 24	1 28	23 12	0 16	15 57	0 13	23 3	0 17	17 19	3 15	9 13	8 35	26 31		n.a.
M10	22 18	14 4	0s59	16 26	1 3	20 55	0s 1	18 28	2 59	12 21	1 27	23 12	0 15	15 58	0 13	23 3	0 17	17 19	3 15	9 13	8 34	26 30		n.a.
T 11	22 27	19 8	2 4	16 56	0 54	21 12	0 4	18 25	3 1	12 18	1 27	23 13	0 15	15 59	0 13	23 3	0 17	17 20	3 15	9 12	8 32	26 28		n.a.
W12	22 35	23 17	3 1	17 25	0 46	21 29	0 6	18 23	3 3	12 15	1 27	23 13	0 15	16 0	0 13	23 3	0 17	17 20	3 15	9 10	8 31	26 27		n.a.
T 13	22 43	26 21	3 50	17 54	0 38	21 45	0 9	18 21	3 5	12 12	1 26	23 14	0 15	16 1	0 13	23 2	0 17	17 21	3 15	9 7	8 30	26 25		n.a.
F 14	22 51	28 7	4 27	18 23	0 30	22 0	0 11	18 19	3 7	12 9	1 26	23 15	0 15	16 2	0 13	23 2	0 17	17 21	3 15	9 3	8 29	26 24		n.a.
S 15	22 58	28 32	4 52	18 52	0 22	22 15	0 13	18 17	3 9	12 6	1 26	23 15	0 15	16 3	0 13	23 2	0 17	17 22	3 15	8 59	8 28	26 23		n.a.
S 16	23 4	27 36	5 4	19 20	0 14	22 29	0 16	18 15	3 11	12 3	1 26	23 16	0 15	16 4	0 13	23 2	0 17	17 22	3 15	8 55	8 26	26 21		n.a.
M17	23 11	25 25	5 2	19 47	0 6	22 43	0 18	18 13	3 13	12 0	1 25	23 16	0 15	16 5	0 13	23 1	0 17	17 23	3 15	8 51	8 25	26 20		n.a.
T 18	23 16	22 9	4 48	20 14	0s 1	22 56	0 20	18 12	3 15	11 57	1 25	23 17	0 15	16 6	0 13	23 1	0 17	17 23	3 15	8 48	8 24	26 19		n.a.
W19	23 22	17 58	4 21	20 40	0 9	23 8	0 23	18 11	3 17	11 53	1 25	23 17	0 15	16 7	0 13	23 1	0 17	17 24	3 15	8 46	8 23	26 17		n.a.
T 20	23 26	13 4	3 42	21 5	0 16	23 19	0 25	18 10	3 19	11 50	1 25	23 18	0 15	16 8	0 13	23 1	0 17	17 24	3 15	8 45	8 21	26 16		n.a.
F 21	23 31	7 37	2 53	21 30	0 23	23 30	0 27	18 9	3 21	11 47	1 24	23 18	0 15	16 9	0 13	23 0	0 17	17 25	3 15	8 44	8 20	26 14		n.a.
S 22	23 35	1 46	1 55	21 53	0 30	23 40	0 29	18 8	3 23	11 43	1 24	23 19	0 15	16 10	0 13	23 0	0 17	17 25	3 14	8 44	8 19	26 13		n.a.
S 23	23 38	4n18	0 50	22 16	0 37	23 49	0 31	18 8	3 25	11 40	1 24	23 20	0 14	16 10	0 13	23 0	0 17	17 26	3 14	8 45	8 18	26 12		n.a.
M24	23 41	10 25	0n19	22 38	0 43	23 57	0 34	18 8	3 27	11 36	1 24	23 20	0 14	16 11	0 13	22 59	0 17	17 26	3 14	8 45	8 17	26 10		n.a.
T 25	23 43	16 15	1 30	22 59	0 50	24 5	0 36	18 8	3 30	11 33	1 23	23 21	0 14	16 12	0 13	22 59	0 17	17 27	3 14	8 44	8 15	26 9		n.a.
W26	23 45	21 28	2 38	23 19	0 56	24 12	0 38	18 8	3 32	11 29	1 23	23 21	0 14	16 13	0 13	22 59	0 17	17 27	3 14	8 43	8 14	26 7		n.a.
T 27	23 47	25 33	3 38	23 38	1 2	24 19	0 40	18 9	3 34	11 25	1 23	23 22	0 14	16 14	0 13	22 59	0 17	17 28	3 14	8 40	8 13	26 6		n.a.
F 28	23 48	28 1	4 25	23 55	1 8	24 24	0 42	18 9	3 36	11 22	1 23	23 22	0 14	16 15	0 13	22 58	0 17	17 28	3 14	8 37	8 12	26 4		n.a.
S 29	23 49	28 27	4 53	24 12	1 13	24 29	0 44	18 10	3 38	11 18	1 22	23 22	0 14	16 16	0 13	22 58	0 17	17 28	3 14	8 33	8 11	26 3		n.a.
S 30	23 49	26 44	5 2	24 27	1 18	24 33	0 46	18 11	3 40	11 14	1 22	23 23	0 14	16 17	0 13	22 58	0 17	17 29	3 14	8 29	8 9	26 1		n.a.
M31	23s48	23n 6	4n49	24s41	1s23	24s36	0s48	18n13	3n42	11s10	1s22	23s23	0n14	16s17	0n13	22s58	0s17	17s29	3n14	8n25	8n 8	26s 0		n.a.

Julian Day Number = 1372578.5, Delta T = 06h49m22s
Ecliptic obliquity = 23°48'41, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°15'42, Lahiri = -17°08'41 Julian Calendar 1 Dec. 956 BCE == Greg. Calendar 22 Nov. 956 BCE

The year -955 astronomical counting style corresponds to year 956 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 955 BCE
geocentric

JANUARY 955 BCE (-954) JC — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s47	18n 2	4n17	24s54	1s28	24s39	0s50	18n14	3n44	11s 6	1s22	23s24	0n14	16s18	0n13	22s57	0s17	17s30	3n14	8n23	8n 7	25s58			n.a.
W 2	23 46	12 4	3 28	25 5	1 33	24 40	0 52	18 16	3 46	11 2	1 21	23 24	0 14	16 19	0 13	22 57	0 17	17 30	3 14	8 21	8 6	25 57			n.a.
T 3	23 44	5 38	2 29	25 15	1 37	24 41	0 54	18 18	3 49	10 58	1 21	23 25	0 14	16 20	0 13	22 57	0 17	17 31	3 14	8 20	8 5	25 55			n.a.
F 4	23 42	0s52	1 23	25 23	1 41	24 42	0 56	18 21	3 51	10 54	1 21	23 25	0 14	16 21	0 13	22 56	0 17	17 31	3 14	8 20	8 3	25 54			n.a.
S 5	23 39	7 9	0 13	25 30	1 44	24 41	0 57	18 23	3 53	10 50	1 21	23 26	0 13	16 22	0 13	22 56	0 17	17 31	3 14	8 20	8 2	25 52			n.a.
S 6	23 36	12 59	0s55	25 36	1 48	24 40	0 59	18 26	3 55	10 46	1 21	23 26	0 13	16 22	0 13	22 56	0 17	17 32	3 14	8 19	8 1	25 51			n.a.
M 7	23 32	18 10	1 58	25 39	1 51	24 37	1 1	18 29	3 57	10 42	1 20	23 26	0 13	16 23	0 13	22 56	0 17	17 32	3 14	8 19	8 0	25 49			n.a.
T 8	23 28	22 29	2 55	25 41	1 53	24 35	1 2	18 33	3 59	10 38	1 20	23 27	0 13	16 24	0 13	22 55	0 17	17 33	3 14	8 17	7 58	25 48			n.a.
W 9	23 24	25 45	3 43	25 42	1 55	24 31	1 4	18 36	4 1	10 33	1 20	23 27	0 13	16 25	0 13	22 55	0 17	17 33	3 14	8 14	7 57	25 46			n.a.
T 10	23 18	27 49	4 20	25 40	1 57	24 27	1 5	18 40	4 3	10 29	1 20	23 28	0 13	16 25	0 13	22 55	0 17	17 33	3 14	8 10	7 56	25 45			n.a.
F 11	23 13	28 32	4 45	25 37	1 59	24 21	1 7	18 44	4 5	10 25	1 20	23 28	0 13	16 26	0 13	22 54	0 17	17 34	3 14	8 5	7 55	25 43			n.a.
S 12	23 7	27 55	4 58	25 32	2 0	24 15	1 8	18 48	4 7	10 20	1 19	23 28	0 13	16 27	0 13	22 54	0 17	17 34	3 14	7 59	7 54	25 41			n.a.
S 13	23 1	26 1	4 57	25 25	2 0	24 9	1 10	18 53	4 9	10 16	1 19	23 29	0 13	16 27	0 13	22 54	0 17	17 35	3 13	7 53	7 52	25 40			n.a.
M14	22 54	22 58	4 43	25 15	2 1	24 1	1 11	18 58	4 11	10 11	1 19	23 29	0 13	16 28	0 13	22 54	0 17	17 35	3 13	7 48	7 51	25 38			n.a.
T 15	22 46	18 59	4 17	25 4	2 0	23 53	1 12	19 3	4 13	10 7	1 19	23 29	0 13	16 29	0 13	22 53	0 17	17 35	3 13	7 43	7 50	25 37			n.a.
W16	22 39	14 16	3 40	24 51	2 0	23 44	1 14	19 8	4 15	10 2	1 19	23 30	0 13	16 29	0 13	22 53	0 17	17 36	3 13	7 40	7 49	25 35			n.a.
T 17	22 30	8 58	2 53	24 36	1 58	23 35	1 15	19 13	4 16	9 58	1 18	23 30	0 13	16 30	0 13	22 53	0 17	17 36	3 13	7 37	7 47	25 33			n.a.
F 18	22 22	3 17	1 57	24 19	1 57	23 24	1 16	19 19	4 18	9 53	1 18	23 30	0 13	16 31	0 13	22 52	0 17	17 36	3 13	7 36	7 46	25 32			n.a.
S 19	22 13	2n37	0 55	24 0	1 54	23 13	1 17	19 24	4 20	9 49	1 18	23 31	0 13	16 31	0 13	22 52	0 17	17 37	3 13	7 35	7 45	25 30			n.a.
S 20	22 3	8 34	0n11	23 38	1 52	23 2	1 18	19 30	4 21	9 44	1 18	23 31	0 12	16 32	0 13	22 52	0 17	17 37	3 13	7 35	7 44	25 29			n.a.
M21	21 54	14 21	1 19	23 15	1 48	22 49	1 19	19 36	4 23	9 39	1 18	23 31	0 12	16 32	0 13	22 51	0 17	17 37	3 13	7 35	7 43	25 27			n.a.
T 22	21 43	19 39	2 24	22 49	1 44	22 36	1 20	19 43	4 24	9 34	1 18	23 32	0 12	16 33	0 13	22 51	0 17	17 38	3 13	7 35	7 41	25 25			n.a.
W23	21 33	24 7	3 24	22 21	1 40	22 22	1 21	19 49	4 26	9 30	1 17	23 32	0 12	16 33	0 13	22 51	0 17	17 38	3 13	7 33	7 40	25 24			n.a.
T 24	21 22	27 15	4 13	21 52	1 34	22 8	1 21	19 55	4 27	9 25	1 17	23 32	0 12	16 34	0 13	22 51	0 17	17 38	3 13	7 31	7 39	25 22			n.a.
F 25	21 10	28 34	4 46	21 20	1 28	21 53	1 22	20 2	4 29	9 20	1 17	23 33	0 12	16 34	0 13	22 50	0 17	17 38	3 13	7 27	7 38	25 20			n.a.
S 26	20 58	27 48	5 0	20 46	1 22	21 37	1 23	20 9	4 30	9 15	1 17	23 33	0 12	16 35	0 13	22 50	0 17	17 39	3 13	7 23	7 36	25 19			n.a.
S 27	20 46	24 55	4 53	20 10	1 15	21 21	1 23	20 16	4 31	9 10	1 17	23 33	0 12	16 35	0 13	22 50	0 17	17 39	3 13	7 19	7 35	25 17			n.a.
M28	20 34	20 16	4 24	19 32	1 7	21 4	1 24	20 23	4 32	9 5	1 17	23 33	0 12	16 36	0 13	22 49	0 18	17 39	3 13	7 15	7 34	25 15			n.a.
T 29	20 21	14 22	3 38	18 53	0 58	20 46	1 24	20 29	4 33	9 0	1 16	23 34	0 12	16 36	0 13	22 49	0 18	17 40	3 13	7 11	7 33	25 14			n.a.
W30	20 7	7 48	2 38	18 12	0 49	20 28	1 25	20 36	4 34	8 55	1 16	23 34	0 12	16 37	0 13	22 49	0 18	17 40	3 13	7 9	7 32	25 12			n.a.
T 31	19s54	1n 2	1n29	17s29	0s39	20s 9	1s25	20n44	4n35	8s50	1s16	23s34	0n12	16s37	0n13	22s49	0s18	17s40	3n13	7n 8	7n30	25s10			n.a.

Julian Day Number = 1372609.5, Delta T = 06h49m21s
Ecliptic obliquity = 23°48'41, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°15'37, Lahiri = -17°08'37 Julian Calendar 1 Jan. 955 BCE == Greg. Calendar 23 Dec. 956 BCE

The year -954 astronomical counting style corresponds to year 955 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 955 BCE
geocentric

FEBRUARY 955 BCE (-954) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 6 31	3♒32'49	14♎36	15♒56	8♒21	15°R23	10♓55	26♐33	15♏51	18♑29	1♐43	17°D54	18♈50	1♒ 2	n.a.	F 1
S 2	8 10 27	4°32'39	27°56	17°46	9°36	15♌ 2	11° 8	26°39	15°52	18°31	1°44	17°R54	18°46	1° 8	n.a.	S 2
S 3	8 14 24	5°32'27	10♏51	19°35	10°50	14°40	11°21	26°45	15°54	18°33	1°45	17♈54	18°43	1°15	n.a.	S 3
M 4	8 18 20	6°32'13	23°26	21°20	12° 5	14°18	11°34	26°52	15°55	18°35	1°46	17°53	18°40	1°22	n.a.	M 4
T 5	8 22 17	7°31'57	5♐45	23° 3	13°20	13°56	11°47	26°58	15°56	18°38	1°47	17°49	18°37	1°29	n.a.	T 5
W 6	8 26 13	8°31'40	17°52	24°42	14°34	13°33	12° 0	27° 4	15°57	18°40	1°48	17°43	18°34	1°35	n.a.	W 6
T 7	8 30 10	9°31'21	29°52	26°17	15°49	13°10	12°13	27°10	15°58	18°42	1°50	17°34	18°30	1°42	n.a.	T 7
F 8	8 34 6	10°30'59	11♑46	27°48	17° 3	12°47	12°26	27°15	16° 0	18°44	1°51	17°23	18°27	1°49	n.a.	F 8
S 9	8 38 3	11°30'36	23°38	29°13	18°18	12°24	12°40	27°21	16° 1	18°46	1°52	17°10	18°24	1°56	n.a.	S 9
S 10	8 42 0	12°30'10	5♒30	0♓33	19°32	12° 0	12°53	27°27	16° 2	18°48	1°53	16°58	18°21	2° 2	n.a.	S 10
M11	8 45 56	13°29'42	17°22	1°48	20°47	11°37	13° 6	27°33	16° 2	18°50	1°53	16°45	18°18	2° 9	n.a.	M11
T 12	8 49 53	14°29'12	29°17	2°55	22° 1	11°13	13°20	27°38	16° 3	18°53	1°54	16°35	18°15	2°16	n.a.	T 12
W13	8 53 49	15°28'40	11♓15	3°56	23°16	10°50	13°33	27°44	16° 4	18°55	1°55	16°27	18°11	2°22	n.a.	W13
T 14	8 57 46	16°28'06	23°19	4°51	24°30	10°27	13°47	27°50	16° 5	18°57	1°56	16°22	18° 8	2°29	n.a.	T 14
F 15	9 1 42	17°27'29	5♈32	5°37	25°45	10° 4	14° 0	27°55	16° 6	18°59	1°57	16°19	18° 5	2°36	n.a.	F 15
S 16	9 5 39	18°26'50	17°55	6°17	26°59	9°41	14°14	28° 1	16° 6	19° 1	1°58	16°D18	18° 2	2°43	n.a.	S 16
S 17	9 9 35	19°26'08	0♉34	6°49	28°13	9°18	14°27	28° 6	16° 7	19° 3	1°59	16°19	17°59	2°49	n.a.	S 17
M18	9 13 32	20°25'24	13°31	7°13	29°28	8°55	14°41	28°11	16° 7	19° 5	1°59	16°20	17°56	2°56	n.a.	M18
T 19	9 17 29	21°24'37	26°52	7°29	0♓42	8°33	14°55	28°16	16° 8	19° 7	2° 0	16°R20	17°52	3° 3	n.a.	T 19
W20	9 21 25	22°23'48	10♊37	7°38	1°56	8°11	15° 8	28°22	16° 8	19° 9	2° 1	16°18	17°49	3° 9	n.a.	W20
T 21	9 25 22	23°22'57	24°49	7°R39	3°11	7°50	15°22	28°27	16° 9	19°11	2° 1	16°15	17°46	3°16	n.a.	T 21
F 22	9 29 18	24°22'03	9♋27	7°33	4°25	7°29	15°36	28°32	16° 9	19°13	2° 2	16° 9	17°43	3°23	n.a.	F 22
S 23	9 33 15	25°21'07	24°25	7°20	5°39	7° 8	15°50	28°37	16° 9	19°15	2° 3	16° 2	17°40	3°30	n.a.	S 23
S 24	9 37 11	26°20'09	9♌35	7° 1	6°53	6°48	16° 4	28°42	16°10	19°17	2° 3	15°54	17°36	3°36	n.a.	S 24
M25	9 41 8	27°19'08	24°49	6°35	8° 8	6°29	16°17	28°47	16°10	19°19	2° 4	15°47	17°33	3°43	n.a.	M25
T 26	9 45 4	28°18'05	9♍55	6° 4	9°22	6°10	16°31	28°51	16°10	19°20	2° 4	15°41	17°30	3°50	n.a.	T 26
W27	9 49 1	29°16'59	24°43	5°28	10°36	5°51	16°45	28°56	16°10	19°22	2° 5	15°37	17°27	3°56	n.a.	W27
T 28	9 52 57	0♓15'52	9♎ 7	4♓48	11♓50	5♌34	16♓59	29♐ 1	16°R10	19♑24	2♐ 5	15°D36	17♈24	4♒ 3	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s40	5s35	0n17	16s46	0s29	19s50	1s25	20n51	4n35	8s45	1s16	23s34	0n12	16s38	0n13	22s48	0s18	17s40	3n13	7n 8	7n29	25s 8		n.a.
S 2	19 25	11 43	0s53	16 1	0 18	19 30	1 26	20 58	4 36	8 40	1 16	23 35	0 12	16 38	0 13	22 48	0 18	17 41	3 13	7 8	7 28	25 7		n.a.
S 3	19 11	17 11	1 58	15 16	0 6	19 9	1 26	21 5	4 36	8 35	1 16	23 35	0 12	16 39	0 13	22 48	0 18	17 41	3 13	7 8	7 27	25 5		n.a.
M 4	18 56	21 46	2 56	14 31	0n 6	18 48	1 26	21 12	4 37	8 30	1 16	23 35	0 11	16 39	0 13	22 47	0 18	17 41	3 13	7 7	7 25	25 3		n.a.
T 5	18 40	25 17	3 45	13 45	0 19	18 27	1 26	21 19	4 37	8 25	1 15	23 35	0 11	16 39	0 13	22 47	0 18	17 41	3 13	7 6	7 24	25 1		n.a.
W 6	18 25	27 36	4 22	12 59	0 32	18 5	1 26	21 26	4 37	8 19	1 15	23 35	0 11	16 40	0 13	22 47	0 18	17 42	3 13	7 3	7 23	25 0		n.a.
T 7	18 9	28 36	4 48	12 14	0 45	17 42	1 26	21 33	4 37	8 14	1 15	23 36	0 11	16 40	0 13	22 47	0 18	17 42	3 13	7 0	7 22	24 58		n.a.
F 8	17 52	28 16	5 0	11 30	0 59	17 19	1 25	21 39	4 37	8 9	1 15	23 36	0 11	16 40	0 13	22 46	0 18	17 42	3 13	6 56	7 21	24 56		n.a.
S 9	17 36	26 37	5 0	10 48	1 12	16 56	1 25	21 46	4 37	8 4	1 15	23 36	0 11	16 41	0 13	22 46	0 18	17 42	3 13	6 51	7 19	24 54		n.a.
S 10	17 19	23 48	4 46	10 6	1 26	16 32	1 25	21 53	4 37	7 58	1 15	23 36	0 11	16 41	0 13	22 46	0 18	17 42	3 13	6 46	7 18	24 53		n.a.
M11	17 2	19 59	4 20	9 27	1 40	16 7	1 25	21 59	4 36	7 53	1 15	23 36	0 11	16 41	0 13	22 45	0 18	17 43	3 13	6 41	7 17	24 51		n.a.
T 12	16 44	15 22	3 43	8 50	1 53	15 43	1 24	22 5	4 36	7 48	1 15	23 37	0 11	16 41	0 13	22 45	0 18	17 43	3 13	6 37	7 16	24 49		n.a.
W13	16 27	10 9	2 55	8 15	2 7	15 17	1 24	22 11	4 35	7 42	1 14	23 37	0 11	16 42	0 13	22 45	0 18	17 43	3 13	6 34	7 14	24 47		n.a.
T 14	16 9	4 31	2 0	7 43	2 19	14 52	1 23	22 17	4 34	7 37	1 14	23 37	0 11	16 42	0 13	22 45	0 18	17 43	3 13	6 32	7 13	24 45		n.a.
F 15	15 50	1n21	0 57	7 15	2 32	14 26	1 23	22 23	4 34	7 32	1 14	23 37	0 11	16 42	0 13	22 44	0 18	17 43	3 13	6 31	7 12	24 44		n.a.
S 16	15 32	7 16	0n 9	6 49	2 43	13 59	1 22	22 28	4 33	7 26	1 14	23 37	0 11	16 42	0 13	22 44	0 18	17 43	3 13	6 30	7 11	24 42		n.a.
S 17	15 13	13 2	1 16	6 27	2 54	13 32	1 21	22 34	4 32	7 21	1 14	23 37	0 11	16 42	0 13	22 44	0 18	17 44	3 13	6 31	7 10	24 40		n.a.
M18	14 54	18 22	2 20	6 9	3 4	13 5	1 20	22 39	4 30	7 15	1 14	23 37	0 11	16 43	0 13	22 43	0 18	17 44	3 13	6 31	7 8	24 38		n.a.
T 19	14 35	22 59	3 20	5 55	3 13	12 38	1 19	22 43	4 29	7 10	1 14	23 38	0 10	16 43	0 13	22 43	0 18	17 44	3 13	6 31	7 7	24 36		n.a.
W20	14 16	26 30	4 9	5 44	3 21	12 10	1 19	22 48	4 28	7 4	1 14	23 38	0 10	16 43	0 13	22 43	0 18	17 44	3 13	6 30	7 6	24 34		n.a.
T 21	13 56	28 28	4 45	5 38	3 27	11 42	1 18	22 52	4 26	6 59	1 14	23 38	0 10	16 43	0 13	22 43	0 18	17 44	3 13	6 29	7 5	24 33		n.a.
F 22	13 36	28 32	5 4	5 35	3 33	11 14	1 17	22 57	4 25	6 53	1 13	23 38	0 10	16 43	0 13	22 42	0 18	17 44	3 13	6 27	7 3	24 31		n.a.
S 23	13 16	26 32	5 3	5 36	3 36	10 45	1 15	23 0	4 23	6 48	1 13	23 38	0 10	16 43	0 13	22 42	0 18	17 44	3 13	6 24	7 2	24 29		n.a.
S 24	12 56	22 38	4 41	5 42	3 39	10 16	1 14	23 4	4 21	6 42	1 13	23 38	0 10	16 43	0 13	22 42	0 18	17 45	3 13	6 21	7 1	24 27		n.a.
M25	12 35	17 11	3 59	5 51	3 39	9 47	1 13	23 7	4 19	6 37	1 13	23 38	0 10	16 43	0 13	22 42	0 18	17 45	3 13	6 18	7 0	24 25		n.a.
T 26	12 15	10 45	3 0	6 3	3 38	9 17	1 12	23 10	4 18	6 31	1 13	23 38	0 10	16 43	0 13	22 41	0 18	17 45	3 13	6 16	6 58	24 23		n.a.
W27	11 54	3 49	1 50	6 19	3 35	8 48	1 10	23 13	4 16	6 26	1 13	23 39	0 10	16 43	0 13	22 41	0 18	17 45	3 13	6 14	6 57	24 21		n.a.
T 28	11s33	3s 8	0n35	6s38	3n30	8s18	1s 9	23n16	4n14	6s20	1s13	23s39	0n10	16s43	0n13	22s41	0s18	17s45	3n13	6n14	6n56	24s19		n.a.

Julian Day Number = 1372640.5, Delta T = 06h49m19s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°15'33, Lahiri = -17°08'33 Julian Calendar 1 Feb. 955 BCE == Greg. Calendar 23 Jan. 955 BCE

The year -954 astronomical counting style corresponds to year 955 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 955 BCE
geocentric

MARCH 955 BCE (-954) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 56 54	1♓14'43	23♎ 4	4°R 5	13♓ 4	5°R16	17♓13	29♐ 5	16°R10	19♑26	2♐ 5	15♈36	17♈21	4♒10	n.a.	F 1
S 2	10 0 51	2°13'32	6♏32	3♓20	14°18	5♌ 0	17°27	29°10	16♏10	19°28	2° 6	15°37	17°17	4°17	n.a.	S 2
S 3	10 4 47	3°12'19	19°35	2°33	15°32	4°44	17°41	29°14	16°10	19°30	2° 6	15°38	17°14	4°23	n.a.	S 3
M 4	10 8 44	4°11'04	2♐14	1°46	16°46	4°29	17°55	29°19	16°10	19°31	2° 6	15°R39	17°11	4°30	n.a.	M 4
T 5	10 12 40	5° 9'48	14°35	1° 0	18° 0	4°15	18°10	29°23	16°10	19°33	2° 7	15°38	17° 8	4°37	n.a.	T 5
W 6	10 16 37	6° 8'30	26°42	0°14	19°14	4° 1	18°24	29°27	16° 9	19°35	2° 7	15°36	17° 5	4°43	n.a.	W 6
T 7	10 20 33	7° 7'10	8♑40	29♒31	20°28	3°48	18°38	29°31	16° 9	19°36	2° 7	15°32	17° 2	4°50	n.a.	T 7
F 8	10 24 30	8° 5'48	20°33	28°51	21°42	3°36	18°52	29°35	16° 9	19°38	2° 7	15°27	16°58	4°57	n.a.	F 8
S 9	10 28 26	9° 4'24	2♒23	28°14	22°56	3°24	19° 6	29°39	16° 8	19°40	2° 8	15°21	16°55	5° 4	n.a.	S 9
S 10	10 32 23	10° 2'58	14°15	27°41	24°10	3°14	19°20	29°43	16° 8	19°41	2° 8	15°14	16°52	5°10	n.a.	S 10
M11	10 36 20	11° 1'30	26°11	27°12	25°24	3° 4	19°35	29°47	16° 7	19°43	2° 8	15° 8	16°49	5°17	n.a.	M11
T 12	10 40 16	12° 0'00	8♓11	26°48	26°38	2°55	19°49	29°50	16° 7	19°45	2° 8	15° 2	16°46	5°24	n.a.	T 12
W13	10 44 13	12°58'29	20°19	26°29	27°51	2°47	20° 3	29°54	16° 6	19°46	2° 8	14°58	16°42	5°31	n.a.	W13
T 14	10 48 9	13°56'55	2♈35	26°15	29° 5	2°39	20°17	29°58	16° 5	19°48	2°R 8	14°56	16°39	5°37	n.a.	T 14
F 15	10 52 6	14°55'19	15° 1	26° 6	0♈19	2°33	20°31	0♑ 1	16° 5	19°49	2° 8	14°D55	16°36	5°44	n.a.	F 15
S 16	10 56 2	15°53'41	27°38	26°D 2	1°33	2°27	20°46	0° 4	16° 4	19°51	2° 8	14°56	16°33	5°51	n.a.	S 16
S 17	10 59 59	16°52'01	10♉29	26° 3	2°46	2°22	21° 0	0° 8	16° 3	19°52	2° 8	14°57	16°30	5°57	n.a.	S 17
M18	11 3 55	17°50'18	23°35	26° 9	4° 0	2°18	21°14	0°11	16° 2	19°53	2° 8	14°59	16°27	6° 4	n.a.	M18
T 19	11 7 52	18°48'34	6♊59	26°20	5°14	2°14	21°28	0°14	16° 1	19°55	2° 7	15° 0	16°23	6°11	n.a.	T 19
W20	11 11 48	19°46'48	20°42	26°36	6°27	2°11	21°43	0°17	16° 0	19°56	2° 7	15°R 1	16°20	6°18	n.a.	W20
T 21	11 15 45	20°44'59	4♋45	26°56	7°41	2°10	21°57	0°20	15°59	19°58	2° 7	15° 0	16°17	6°24	n.a.	T 21
F 22	11 19 42	21°43'08	19° 7	27°21	8°55	2° 9	22°11	0°23	15°58	19°59	2° 7	14°58	16°14	6°31	n.a.	F 22
S 23	11 23 38	22°41'15	3♌44	27°50	10° 8	2°D 8	22°25	0°26	15°57	20° 0	2° 7	14°56	16°11	6°38	n.a.	S 23
S 24	11 27 35	23°39'20	18°32	28°24	11°22	2° 9	22°40	0°28	15°56	20° 1	2° 6	14°53	16° 8	6°44	n.a.	S 24
M25	11 31 31	24°37'23	3♍24	29° 1	12°35	2°10	22°54	0°31	15°55	20° 3	2° 6	14°50	16° 4	6°51	n.a.	M25
T 26	11 35 28	25°35'23	18°12	29°42	13°49	2°12	23° 8	0°33	15°54	20° 4	2° 6	14°48	16° 1	6°58	n.a.	T 26
W27	11 39 24	26°33'22	2♎49	0♓27	15° 2	2°15	23°22	0°36	15°52	20° 5	2° 5	14°47	15°58	7° 5	n.a.	W27
T 28	11 43 21	27°31'20	17° 7	1°15	16°15	2°18	23°37	0°38	15°51	20° 6	2° 5	14°D47	15°55	7°11	n.a.	T 28
F 29	11 47 17	28°29'15	1♏ 3	2° 7	17°29	2°22	23°51	0°40	15°50	20° 7	2° 4	14°47	15°52	7°18	n.a.	F 29
S 30	11 51 14	29°27'09	14°35	3° 1	18°42	2°27	24° 5	0°42	15°48	20° 8	2° 4	14°48	15°48	7°25	n.a.	S 30
S 31	11 55 11	0♈25'02	27♏42	3♓59	19♈55	2♌32	24♓19	0♑44	15♏47	20♑ 9	2♐ 3	14♈50	15♈45	7♒31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s12	9s43	0s40	7s 0	3n24	7s47	1s 8	23n18	4n11	6s14	1s13	23s39	0n10	16s43	0n13	22s41	0s18	17s45	3n13	6n14	6n55	24s18		n.a.
S 2	10 51	15 39	1 51	7 24	3 16	7 17	1 6	23 20	4 9	6 9	1 13	23 39	0 10	16 43	0 13	22 40	0 18	17 45	3 13	6 14	6 54	24 16		n.a.
S 3	10 29	20 41	2 53	7 49	3 7	6 47	1 5	23 22	4 7	6 3	1 13	23 39	0 10	16 43	0 13	22 40	0 18	17 45	3 13	6 15	6 52	24 14		n.a.
M 4	10 8	24 37	3 45	8 16	2 56	6 16	1 3	23 24	4 5	5 57	1 13	23 39	0 10	16 43	0 13	22 40	0 18	17 45	3 13	6 15	6 51	24 12		n.a.
T 5	9 46	27 18	4 26	8 44	2 44	5 45	1 1	23 25	4 2	5 52	1 13	23 39	0 10	16 43	0 13	22 40	0 18	17 45	3 13	6 15	6 50	24 10		n.a.
W 6	9 24	28 39	4 53	9 13	2 31	5 14	1 0	23 26	4 0	5 46	1 13	23 39	0 9	16 43	0 13	22 39	0 18	17 45	3 13	6 14	6 49	24 8		n.a.
T 7	9 2	28 38	5 8	9 41	2 17	4 43	0 58	23 27	3 58	5 40	1 12	23 39	0 9	16 43	0 13	22 39	0 18	17 45	3 13	6 13	6 47	24 6		n.a.
F 8	8 40	27 18	5 9	10 9	2 2	4 12	0 56	23 27	3 55	5 35	1 12	23 39	0 9	16 43	0 13	22 39	0 18	17 45	3 13	6 10	6 46	24 4		n.a.
S 9	8 17	24 44	4 56	10 36	1 47	3 40	0 54	23 28	3 53	5 29	1 12	23 39	0 9	16 43	0 13	22 39	0 18	17 45	3 13	6 8	6 45	24 2		n.a.
S 10	7 55	21 8	4 31	11 3	1 31	3 9	0 52	23 28	3 50	5 23	1 12	23 39	0 9	16 43	0 13	22 39	0 18	17 45	3 13	6 5	6 44	24 0		n.a.
M11	7 33	16 39	3 55	11 27	1 15	2 38	0 50	23 28	3 47	5 18	1 12	23 40	0 9	16 42	0 13	22 38	0 18	17 45	3 13	6 3	6 42	23 58		n.a.
T 12	7 10	11 30	3 7	11 51	0 59	2 6	0 48	23 27	3 45	5 12	1 12	23 40	0 9	16 42	0 13	22 38	0 18	17 45	3 13	6 1	6 41	23 56		n.a.
W13	6 47	5 53	2 10	12 12	0 43	1 34	0 46	23 27	3 42	5 6	1 12	23 40	0 9	16 42	0 13	22 38	0 18	17 45	3 13	5 59	6 40	23 54		n.a.
T 14	6 25	0n 1	1 7	12 32	0 28	1 3	0 44	23 26	3 40	5 0	1 12	23 40	0 9	16 42	0 13	22 38	0 18	17 45	3 13	5 58	6 39	23 52		n.a.
F 15	6 2	6 1	0n 0	12 49	0 12	0 31	0 42	23 25	3 37	4 55	1 12	23 40	0 9	16 42	0 13	22 37	0 18	17 45	3 13	5 58	6 37	23 50		n.a.
S 16	5 39	11 52	1 9	13 5	0s 3	0n 1	0 40	23 24	3 34	4 49	1 12	23 40	0 9	16 41	0 13	22 37	0 18	17 45	3 13	5 58	6 36	23 48		n.a.
S 17	5 16	17 20	2 15	13 18	0 17	0 33	0 38	23 22	3 32	4 43	1 12	23 40	0 9	16 41	0 13	22 37	0 18	17 45	3 13	5 59	6 35	23 46		n.a.
M18	4 53	22 7	3 16	13 29	0 31	1 4	0 36	23 21	3 29	4 38	1 12	23 40	0 9	16 41	0 13	22 37	0 18	17 45	3 13	6 0	6 34	23 44		n.a.
T 19	4 30	25 53	4 8	13 38	0 45	1 36	0 33	23 19	3 26	4 32	1 12	23 40	0 9	16 41	0 13	22 37	0 18	17 45	3 13	6 0	6 32	23 42		n.a.
W20	4 6	28 14	4 46	13 44	0 57	2 8	0 31	23 17	3 24	4 26	1 12	23 40	0 9	16 40	0 13	22 37	0 18	17 45	3 13	6 0	6 31	23 40		n.a.
T 21	3 43	28 52	5 9	13 49	1 9	2 39	0 29	23 15	3 21	4 20	1 12	23 40	0 8	16 40	0 13	22 36	0 18	17 45	3 13	6 0	6 30	23 38		n.a.
F 22	3 20	27 35	5 13	13 51	1 21	3 11	0 26	23 12	3 18	4 15	1 12	23 40	0 8	16 40	0 13	22 36	0 18	17 45	3 13	5 59	6 29	23 36		n.a.
S 23	2 57	24 26	4 57	13 50	1 32	3 42	0 24	23 10	3 15	4 9	1 12	23 40	0 8	16 39	0 13	22 36	0 18	17 45	3 13	5 58	6 28	23 34		n.a.
S 24	2 33	19 39	4 22	13 48	1 42	4 14	0 22	23 7	3 13	4 3	1 12	23 40	0 8	16 39	0 13	22 36	0 19	17 45	3 13	5 57	6 26	23 32		n.a.
M25	2 10	13 39	3 28	13 44	1 51	4 45	0 19	23 4	3 10	3 57	1 12	23 40	0 8	16 39	0 13	22 36	0 19	17 45	3 13	5 56	6 25	23 30		n.a.
T 26	1 47	6 54	2 21	13 37	2 0	5 17	0 17	23 1	3 7	3 52	1 12	23 41	0 8	16 38	0 13	22 36	0 19	17 45	3 13	5 55	6 24	23 28		n.a.
W27	1 23	0s 8	1 6	13 28	2 8	5 48	0 14	22 58	3 5	3 46	1 12	23 41	0 8	16 38	0 13	22 35	0 19	17 45	3 13	5 55	6 23	23 26		n.a.
T 28	1 0	7 1	0s13	13 17	2 15	6 19	0 12	22 54	3 2	3 40	1 12	23 41	0 8	16 38	0 13	22 35	0 19	17 45	3 13	5 55	6 21	23 23		n.a.
F 29	0 37	13 24	1 29	13 5	2 21	6 50	0 9	22 51	2 59	3 34	1 12	23 41	0 8	16 37	0 13	22 35	0 19	17 45	3 13	5 55	6 20	23 21		n.a.
S 30	0 13	18 58	2 37	12 50	2 27	7 20	0 7	22 47	2 57	3 29	1 12	23 41	0 8	16 37	0 13	22 35	0 19	17 45	3 13	5 55	6 19	23 19		n.a.
S 31	0n10	23s27	3s35	12s33	2s32	7n51	0s 4	22n43	2n54	3s23	1s12	23s41	0n 8	16s36	0n13	22s35	0s19	17s45	3n13	5n56	6n18	23s17		n.a.

Julian Day Number = 1372668.5, Delta T = 06h49m18s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°15'29, Lahiri = -17°08'29 Julian Calendar 1 March 955 BCE == Greg. Calendar 20 Feb. 955 BCE

The year -954 astronomical counting style corresponds to year 955 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 955 BCE
geocentric

APRIL 955 BCE (-954) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 59 7	1♈22'53	10♐26	5♓ 0	21♈ 9	2♌38	24♓34	0♉46	15°R45	20♉10	2°R 3	14♈51	15♈42	7♒38	n.a.	M 1
T 2	12 3 4	2°20'43	22°52	6° 4	22°22	2°45	24°48	0°48	15♏44	20°11	2♐ 2	14°51	15°39	7°45	n.a.	T 2
W 3	12 7 0	3°18'32	5♉ 2	7°11	23°35	2°53	25° 2	0°50	15°42	20°12	2° 2	14°R52	15°36	7°52	n.a.	W 3
T 4	12 10 57	4°16'19	17° 2	8°20	24°48	3° 1	25°16	0°52	15°41	20°13	2° 1	14°51	15°33	7°58	n.a.	T 4
F 5	12 14 53	5°14'05	28°55	9°32	26° 2	3°10	25°30	0°53	15°39	20°14	2° 1	14°51	15°29	8° 5	n.a.	F 5
S 6	12 18 50	6°11'50	10♒47	10°47	27°15	3°19	25°44	0°55	15°37	20°15	2° 0	14°49	15°26	8°12	n.a.	S 6
S 7	12 22 46	7° 9'33	22°40	12° 4	28°28	3°29	25°58	0°56	15°36	20°16	1°59	14°48	15°23	8°18	n.a.	S 7
M 8	12 26 43	8° 7'15	4♓39	13°24	29°41	3°40	26°12	0°57	15°34	20°17	1°58	14°47	15°20	8°25	n.a.	M 8
T 9	12 30 40	9° 4'56	16°47	14°46	0♉54	3°51	26°27	0°58	15°32	20°18	1°58	14°47	15°17	8°32	n.a.	T 9
W10	12 34 36	10° 2'35	29° 6	16°10	2° 7	4° 3	26°41	1° 0	15°30	20°18	1°57	14°46	15°13	8°39	n.a.	W10
T 11	12 38 33	11° 0'13	11♈36	17°36	3°20	4°15	26°55	1° 1	15°28	20°19	1°56	14°D46	15°10	8°45	n.a.	T 11
F 12	12 42 29	11°57'50	24°20	19° 5	4°33	4°28	27° 9	1° 1	15°27	20°20	1°55	14°46	15° 7	8°52	n.a.	F 12
S 13	12 46 26	12°55'25	7♉18	20°37	5°46	4°42	27°23	1° 2	15°25	20°20	1°54	14°46	15° 4	8°59	n.a.	S 13
S 14	12 50 22	13°52'58	20°30	22°10	6°59	4°56	27°37	1° 3	15°23	20°21	1°54	14°46	15° 1	9° 5	n.a.	S 14
M15	12 54 19	14°50'31	3♊56	23°46	8°12	5°11	27°50	1° 3	15°21	20°22	1°53	14°R46	14°58	9°12	n.a.	M15
T 16	12 58 15	15°48'02	17°34	25°24	9°25	5°26	28° 4	1° 4	15°19	20°22	1°52	14°46	14°54	9°19	n.a.	T 16
W17	13 2 12	16°45'31	1♋26	27° 4	10°37	5°42	28°18	1° 4	15°17	20°23	1°51	14°46	14°51	9°25	n.a.	W17
T 18	13 6 8	17°42'59	15°29	28°46	11°50	5°58	28°32	1° 5	15°15	20°23	1°50	14°D46	14°48	9°32	n.a.	T 18
F 19	13 10 5	18°40'25	29°41	0♈31	13° 3	6°14	28°46	1° 5	15°13	20°24	1°49	14°46	14°45	9°39	n.a.	F 19
S 20	13 14 2	19°37'50	14♌ 2	2°18	14°16	6°32	29° 0	1°R 5	15°10	20°24	1°48	14°46	14°42	9°46	n.a.	S 20
S 21	13 17 58	20°35'13	28°26	4° 7	15°28	6°49	29°13	1° 5	15° 8	20°24	1°47	14°47	14°39	9°52	n.a.	S 21
M22	13 21 55	21°32'35	12♍52	5°58	16°41	7° 7	29°27	1° 5	15° 6	20°25	1°46	14°47	14°35	9°59	n.a.	M22
T 23	13 25 51	22°29'56	27°13	7°51	17°53	7°26	29°41	1° 5	15° 4	20°25	1°45	14°48	14°32	10° 6	n.a.	T 23
W24	13 29 48	23°27'15	11♎26	9°47	19° 6	7°45	29°54	1° 4	15° 2	20°25	1°44	14°R48	14°29	10°12	n.a.	W24
T 25	13 33 44	24°24'34	25°26	11°45	20°19	8° 4	0♈ 8	1° 4	15° 0	20°26	1°43	14°48	14°26	10°19	n.a.	T 25
F 26	13 37 41	25°21'51	9♏ 9	13°44	21°31	8°24	0°21	1° 3	14°57	20°26	1°42	14°48	14°23	10°26	n.a.	F 26
S 27	13 41 37	26°19'08	22°34	15°46	22°44	8°45	0°35	1° 3	14°55	20°26	1°40	14°46	14°19	10°33	n.a.	S 27
S 28	13 45 34	27°16'24	5♐38	17°49	23°56	9° 5	0°48	1° 2	14°53	20°26	1°39	14°45	14°16	10°39	n.a.	S 28
M29	13 49 31	28°13'39	18°23	19°55	25° 8	9°26	1° 2	1° 1	14°50	20°26	1°38	14°43	14°13	10°46	n.a.	M29
T 30	13 53 27	29♈10'54	0♉49	22♈ 1	26♉21	9♌48	1♈15	1♉ 1	14♏48	20♉27	1♐37	14♈41	14♈10	10♒53	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n33	26s40	4s21	12s15	2s37	8n21	0s 1	22n39	2n52	3s17	1s12	23s41	0n 8	16s36	0n13	22s35	0s19	17s45	3n13	5n56	6n16	23s15		n.a.
T 2	0 57	28 30	4 53	11 54	2 40	8 51	0n 1	22 35	2 49	3 12	1 12	23 41	0 8	16 36	0 13	22 35	0 19	17 44	3 13	5 57	6 15	23 13		n.a.
W 3	1 20	28 54	5 12	11 32	2 43	9 21	0 4	22 31	2 46	3 6	1 12	23 41	0 8	16 35	0 13	22 34	0 19	17 44	3 13	5 57	6 14	23 11		n.a.
T 4	1 43	27 56	5 16	11 7	2 46	9 51	0 6	22 27	2 44	3 0	1 12	23 41	0 7	16 35	0 13	22 34	0 19	17 44	3 13	5 56	6 13	23 9		n.a.
F 5	2 7	25 41	5 7	10 41	2 47	10 21	0 9	22 22	2 41	2 54	1 12	23 41	0 7	16 34	0 13	22 34	0 19	17 44	3 13	5 56	6 11	23 7		n.a.
S 6	2 30	22 21	4 44	10 14	2 48	10 50	0 12	22 17	2 39	2 49	1 12	23 41	0 7	16 34	0 13	22 34	0 19	17 44	3 13	5 56	6 10	23 4		n.a.
S 7	2 53	18 6	4 10	9 44	2 49	11 19	0 14	22 12	2 36	2 43	1 12	23 41	0 7	16 33	0 13	22 34	0 19	17 44	3 13	5 55	6 9	23 2		n.a.
M 8	3 16	13 7	3 24	9 13	2 49	11 48	0 17	22 8	2 34	2 37	1 12	23 41	0 7	16 33	0 13	22 34	0 19	17 44	3 13	5 55	6 8	23 0		n.a.
T 9	3 39	7 34	2 29	8 40	2 48	12 16	0 20	22 2	2 31	2 32	1 12	23 41	0 7	16 32	0 13	22 34	0 19	17 44	3 13	5 55	6 6	22 58		n.a.
W10	4 2	1 40	1 26	8 5	2 46	12 45	0 22	21 57	2 29	2 26	1 12	23 41	0 7	16 32	0 13	22 34	0 19	17 44	3 13	5 54	6 5	22 56		n.a.
T 11	4 25	4n24	0 18	7 29	2 44	13 12	0 25	21 52	2 27	2 20	1 12	23 42	0 7	16 31	0 13	22 34	0 19	17 43	3 13	5 54	6 4	22 54		n.a.
F 12	4 48	10 24	0n53	6 51	2 42	13 40	0 28	21 46	2 24	2 15	1 12	23 42	0 7	16 31	0 13	22 33	0 19	17 43	3 13	5 54	6 3	22 51		n.a.
S 13	5 11	16 5	2 2	6 12	2 38	14 7	0 30	21 41	2 22	2 9	1 12	23 42	0 7	16 30	0 13	22 33	0 19	17 43	3 13	5 54	6 1	22 49		n.a.
S 14	5 34	21 7	3 5	5 31	2 35	14 34	0 33	21 35	2 20	2 4	1 12	23 42	0 7	16 29	0 13	22 33	0 19	17 43	3 13	5 55	6 0	22 47		n.a.
M15	5 56	25 11	4 0	4 48	2 30	15 1	0 35	21 29	2 17	1 58	1 12	23 42	0 7	16 29	0 13	22 33	0 19	17 43	3 13	5 55	5 59	22 45		n.a.
T 16	6 19	27 54	4 42	4 4	2 25	15 27	0 38	21 23	2 15	1 52	1 12	23 42	0 7	16 28	0 13	22 33	0 19	17 43	3 13	5 55	5 58	22 43		n.a.
W17	6 41	28 57	5 8	3 19	2 20	15 53	0 41	21 17	2 13	1 47	1 12	23 42	0 7	16 28	0 13	22 33	0 19	17 42	3 13	5 54	5 56	22 40		n.a.
T 18	7 3	28 8	5 17	2 32	2 14	16 18	0 43	21 11	2 10	1 41	1 12	23 42	0 6	16 27	0 13	22 33	0 19	17 42	3 13	5 54	5 55	22 38		n.a.
F 19	7 26	25 31	5 6	1 44	2 7	16 43	0 46	21 4	2 8	1 36	1 12	23 42	0 6	16 26	0 13	22 33	0 19	17 42	3 13	5 54	5 54	22 36		n.a.
S 20	7 48	21 17	4 37	0 54	2 0	17 8	0 48	20 58	2 6	1 30	1 12	23 42	0 6	16 26	0 13	22 33	0 19	17 42	3 13	5 55	5 53	22 34		n.a.
S 21	8 10	15 46	3 49	0 3	1 52	17 32	0 51	20 51	2 4	1 25	1 12	23 42	0 6	16 25	0 13	22 33	0 19	17 42	3 13	5 55	5 51	22 32		n.a.
M22	8 32	9 25	2 48	0n49	1 44	17 56	0 53	20 44	2 2	1 19	1 12	23 42	0 6	16 25	0 13	22 33	0 19	17 42	3 13	5 55	5 50	22 29		n.a.
T 23	8 53	2 35	1 36	1 42	1 36	18 19	0 56	20 37	1 59	1 14	1 12	23 42	0 6	16 24	0 13	22 33	0 19	17 41	3 12	5 55	5 49	22 27		n.a.
W24	9 15	4s18	0 19	2 37	1 27	18 42	0 58	20 30	1 57	1 8	1 12	23 42	0 6	16 23	0 13	22 33	0 19	17 41	3 12	5 55	5 48	22 25		n.a.
T 25	9 36	10 53	0s58	3 32	1 17	19 4	1 1	20 23	1 55	1 3	1 12	23 43	0 6	16 23	0 13	22 33	0 19	17 41	3 12	5 55	5 46	22 23		n.a.
F 26	9 58	16 50	2 11	4 28	1 8	19 26	1 3	20 16	1 53	0 57	1 12	23 43	0 6	16 22	0 13	22 33	0 19	17 41	3 12	5 55	5 45	22 20		n.a.
S 27	10 19	21 49	3 14	5 25	0 58	19 47	1 5	20 8	1 51	0 52	1 12	23 43	0 6	16 21	0 13	22 33	0 19	17 41	3 12	5 55	5 44	22 18		n.a.
S 28	10 40	25 36	4 5	6 22	0 47	20 8	1 8	20 1	1 49	0 47	1 12	23 43	0 6	16 21	0 13	22 33	0 19	17 41	3 12	5 54	5 43	22 16		n.a.
M29	11 0	28 0	4 43	7 20	0 37	20 29	1 10	19 53	1 47	0 41	1 12	23 43	0 6	16 20	0 13	22 33	0 19	17 40	3 12	5 53	5 41	22 14		n.a.
T 30	11n21	28s55	5s 6	8n18	0s26	20n48	1n12	19n45	1n45	0s36	1s12	23s43	0n 5	16s19	0n13	22s33	0s19	17s40	3n12	5n53	5n40	22s11		n.a.

Julian Day Number = 1372699.5, Delta T = 06h49m17s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°15'25, Lahiri = -17°08'25 Julian Calendar 1 Apr. 955 BCE == Greg. Calendar 23 March 955 BCE

The year -954 astronomical counting style corresponds to year 955 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 955 BCE
geocentric

MAY 955 BCE (-954) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 57 24	0♉ 8'08	13♎ 2	24♈ 9	27♉33	10♌10	1♈28	1°R 0	14°R46	20♎27	1°R36	14°R40	14♈ 7	10♒59	n.a.	W 1
T 2	14 1 20	1° 5'21	25° 3	26°19	28°45	10°32	1°42	0♎59	14♏43	20°27	1♐34	14♈39	14° 4	11° 6	n.a.	T 2
F 3	14 5 17	2° 2'34	6♒57	28°29	29°58	10°55	1°55	0°57	14°41	20°R27	1°33	14°D39	14° 0	11°13	n.a.	F 3
S 4	14 9 13	2°59'46	18°49	0♉40	1♊10	11°18	2° 8	0°56	14°39	20°27	1°32	14°40	13°57	11°20	n.a.	S 4
S 5	14 13 10	3°56'58	0♓44	2°51	2°22	11°41	2°21	0°55	14°36	20°27	1°31	14°41	13°54	11°26	n.a.	S 5
M 6	14 17 7	4°54'10	12°46	5° 3	3°34	12° 5	2°34	0°53	14°34	20°26	1°29	14°43	13°51	11°33	n.a.	M 6
T 7	14 21 3	5°51'21	24°59	7°15	4°46	12°29	2°47	0°52	14°31	20°26	1°28	14°44	13°48	11°40	n.a.	T 7
W 8	14 25 0	6°48'31	7♈27	9°26	5°58	12°53	3° 0	0°50	14°29	20°26	1°27	14°45	13°45	11°46	n.a.	W 8
T 9	14 28 56	7°45'42	20°12	11°37	7°10	13°18	3°13	0°48	14°27	20°26	1°25	14°R45	13°41	11°53	n.a.	T 9
F 10	14 32 53	8°42'51	3♉14	13°46	8°22	13°43	3°26	0°47	14°24	20°26	1°24	14°44	13°38	12° 0	n.a.	F 10
S 11	14 36 49	9°40'01	16°35	15°55	9°34	14° 8	3°39	0°45	14°22	20°26	1°23	14°42	13°35	12° 6	n.a.	S 11
S 12	14 40 46	10°37'10	0♊12	18° 2	10°46	14°34	3°51	0°43	14°19	20°25	1°21	14°39	13°32	12°13	n.a.	S 12
M13	14 44 42	11°34'18	14° 4	20° 8	11°58	15° 0	4° 4	0°41	14°17	20°25	1°20	14°35	13°29	12°20	n.a.	M13
T 14	14 48 39	12°31'26	28° 6	22°13	13°10	15°26	4°17	0°39	14°14	20°25	1°18	14°31	13°25	12°27	n.a.	T 14
W15	14 52 36	13°28'34	12♋16	24°15	14°22	15°53	4°29	0°36	14°12	20°24	1°17	14°28	13°22	12°33	n.a.	W15
T 16	14 56 32	14°25'40	26°30	26°16	15°33	16°20	4°42	0°34	14°10	20°24	1°16	14°25	13°19	12°40	n.a.	T 16
F 17	15 0 29	15°22'46	10♌44	28°15	16°45	16°47	4°54	0°32	14° 7	20°23	1°14	14°D24	13°16	12°47	n.a.	F 17
S 18	15 4 25	16°19'52	24°56	0♊12	17°57	17°14	5° 7	0°29	14° 5	20°23	1°13	14°24	13°13	12°53	n.a.	S 18
S 19	15 8 22	17°16'57	9♍ 5	2° 6	19° 8	17°42	5°19	0°27	14° 2	20°22	1°11	14°25	13°10	13° 0	n.a.	S 19
M20	15 12 18	18°14'01	23° 7	3°59	20°20	18°10	5°31	0°24	14° 0	20°22	1°10	14°27	13° 6	13° 7	n.a.	M20
T 21	15 16 15	19°11'05	7♎ 2	5°49	21°31	18°39	5°43	0°21	13°57	20°21	1° 8	14°28	13° 3	13°14	n.a.	T 21
W22	15 20 11	20° 8'09	20°48	7°38	22°43	19° 7	5°55	0°18	13°55	20°21	1° 7	14°R28	13° 0	13°20	n.a.	W22
T 23	15 24 8	21° 5'12	4♏24	9°24	23°54	19°36	6° 7	0°15	13°52	20°20	1° 5	14°26	12°57	13°27	n.a.	T 23
F 24	15 28 5	22° 2'16	17°46	11° 8	25° 6	20° 5	6°19	0°13	13°50	20°19	1° 4	14°23	12°54	13°34	n.a.	F 24
S 25	15 32 1	22°59'19	0♐55	12°50	26°17	20°34	6°31	0°10	13°48	20°19	1° 2	14°18	12°50	13°40	n.a.	S 25
S 26	15 35 58	23°56'23	13°48	14°29	27°28	21° 4	6°43	0° 6	13°45	20°18	1° 1	14°12	12°47	13°47	n.a.	S 26
M27	15 39 54	24°53'26	26°26	16° 7	28°39	21°34	6°54	0° 3	13°43	20°17	1° 0	14° 5	12°44	13°54	n.a.	M27
T 28	15 43 51	25°50'30	8♎49	17°42	29°51	22° 4	7° 6	0° 0	13°40	20°17	0°58	13°58	12°41	14° 0	n.a.	T 28
W29	15 47 47	26°47'34	20°59	19°15	1♋ 2	22°34	7°17	29♐57	13°38	20°16	0°57	13°52	12°38	14° 7	n.a.	W29
T 30	15 51 44	27°44'39	2♒59	20°46	2°13	23° 4	7°29	29°53	13°36	20°15	0°55	13°47	12°35	14°14	n.a.	T 30
F 31	15 55 41	28♉41'44	14♒53	22♊15	3♋24	23♌35	7♈40	29♐50	13♏33	20♎14	0♐54	13♈45	12♈31	14♒21	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11n42	28s24	5s15	9n16	0s16	21n 7	1n14	19n37	1n43	0s31	1s12	23s43	0n 5	16s18	0n13	22s33	0s19	17s40	3n12	5n52	5n39	22s 9			n.a.
T 2	12 2	26 32	5 10	10 14	0 5	21 26	1 17	19 29	1 41	0 25	1 13	23 43	0 5	16 18	0 13	22 33	0 19	17 40	3 12	5 52	5 38	22 7			n.a.
F 3	12 22	23 31	4 52	11 11	0n 6	21 44	1 19	19 21	1 39	0 20	1 13	23 43	0 5	16 17	0 13	22 33	0 19	17 40	3 12	5 52	5 36	22 4			n.a.
S 4	12 42	19 33	4 21	12 8	0 16	22 2	1 21	19 13	1 37	0 15	1 13	23 43	0 5	16 16	0 13	22 33	0 19	17 39	3 12	5 52	5 35	22 2			n.a.
S 5	13 2	14 47	3 39	13 4	0 26	22 19	1 23	19 4	1 35	0 10	1 13	23 43	0 5	16 16	0 13	22 33	0 19	17 39	3 12	5 52	5 34	22 0			n.a.
M 6	13 21	9 26	2 47	13 59	0 37	22 35	1 25	18 56	1 33	0 4	1 13	23 44	0 5	16 15	0 13	22 33	0 19	17 39	3 12	5 53	5 33	21 57			n.a.
T 7	13 41	3 39	1 47	14 52	0 46	22 50	1 27	18 47	1 31	0n 1	1 13	23 44	0 5	16 14	0 13	22 33	0 20	17 39	3 12	5 54	5 31	21 55			n.a.
W 8	14 0	2n23	0 40	15 44	0 56	23 5	1 29	18 38	1 30	0 6	1 13	23 44	0 5	16 14	0 13	22 33	0 20	17 38	3 12	5 54	5 30	21 53			n.a.
T 9	14 19	8 28	0n30	16 34	1 4	23 20	1 30	18 29	1 28	0 11	1 13	23 44	0 5	16 13	0 13	22 33	0 20	17 38	3 12	5 54	5 29	21 50			n.a.
F 10	14 38	14 21	1 40	17 23	1 13	23 34	1 32	18 20	1 26	0 16	1 13	23 44	0 5	16 12	0 13	22 33	0 20	17 38	3 12	5 54	5 28	21 48			n.a.
S 11	14 56	19 42	2 46	18 9	1 21	23 47	1 34	18 11	1 24	0 21	1 13	23 44	0 5	16 11	0 13	22 33	0 20	17 38	3 12	5 53	5 26	21 46			n.a.
S 12	15 14	24 9	3 44	18 53	1 28	23 59	1 36	18 2	1 22	0 26	1 13	23 44	0 5	16 11	0 13	22 33	0 20	17 38	3 12	5 51	5 25	21 43			n.a.
M13	15 32	27 18	4 30	19 34	1 35	24 11	1 37	17 52	1 20	0 31	1 13	23 44	0 4	16 10	0 13	22 33	0 20	17 37	3 11	5 50	5 24	21 41			n.a.
T 14	15 50	28 48	5 0	20 13	1 40	24 22	1 39	17 43	1 19	0 36	1 13	23 44	0 4	16 9	0 13	22 33	0 20	17 37	3 11	5 48	5 23	21 39			n.a.
W15	16 8	28 25	5 12	20 50	1 46	24 32	1 40	17 33	1 17	0 41	1 13	23 44	0 4	16 8	0 13	22 34	0 20	17 37	3 11	5 47	5 21	21 36			n.a.
T 16	16 25	26 11	5 6	21 24	1 50	24 42	1 42	17 23	1 15	0 46	1 14	23 44	0 4	16 8	0 13	22 34	0 20	17 37	3 11	5 46	5 20	21 34			n.a.
F 17	16 42	22 18	4 40	21 56	1 54	24 51	1 43	17 13	1 14	0 51	1 14	23 45	0 4	16 7	0 13	22 34	0 20	17 37	3 11	5 46	5 19	21 31			n.a.
S 18	16 59	17 8	3 58	22 25	1 57	24 59	1 44	17 3	1 12	0 56	1 14	23 45	0 4	16 6	0 13	22 34	0 20	17 36	3 11	5 46	5 18	21 29			n.a.
S 19	17 15	11 5	3 1	22 52	2 0	25 7	1 45	16 53	1 10	1 1	1 14	23 45	0 4	16 6	0 13	22 34	0 20	17 36	3 11	5 46	5 16	21 27			n.a.
M20	17 32	4 31	1 54	23 16	2 2	25 14	1 47	16 42	1 9	1 6	1 14	23 45	0 4	16 5	0 13	22 34	0 20	17 36	3 11	5 47	5 15	21 24			n.a.
T 21	17 47	2s13	0 40	23 38	2 3	25 20	1 48	16 32	1 7	1 11	1 14	23 45	0 4	16 4	0 13	22 34	0 20	17 36	3 11	5 47	5 14	21 22			n.a.
W22	18 3	8 47	0s34	23 57	2 3	25 25	1 49	16 21	1 5	1 15	1 14	23 45	0 4	16 3	0 13	22 34	0 20	17 35	3 11	5 47	5 13	21 19			n.a.
T 23	18 19	14 51	1 46	24 14	2 3	25 30	1 50	16 10	1 4	1 20	1 14	23 45	0 4	16 3	0 13	22 34	0 20	17 35	3 11	5 47	5 11	21 17			n.a.
F 24	18 34	20 7	2 51	24 29	2 2	25 34	1 50	16 0	1 2	1 25	1 14	23 45	0 3	16 2	0 13	22 34	0 20	17 35	3 11	5 45	5 10	21 15			n.a.
S 25	18 48	24 20	3 45	24 41	2 1	25 37	1 51	15 49	1 0	1 29	1 14	23 45	0 3	16 1	0 13	22 35	0 20	17 35	3 11	5 43	5 9	21 12			n.a.
S 26	19 3	27 14	4 27	24 51	1 59	25 39	1 52	15 38	0 59	1 34	1 15	23 45	0 3	16 0	0 13	22 35	0 20	17 35	3 10	5 41	5 8	21 10			n.a.
M27	19 17	28 40	4 54	25 0	1 56	25 41	1 53	15 26	0 57	1 38	1 15	23 45	0 3	16 0	0 13	22 35	0 20	17 34	3 10	5 38	5 6	21 7			n.a.
T 28	19 31	28 38	5 8	25 6	1 52	25 42	1 53	15 15	0 56	1 43	1 15	23 46	0 3	15 59	0 13	22 35	0 20	17 34	3 10	5 36	5 5	21 5			n.a.
W29	19 45	27 11	5 6	25 10	1 49	25 42	1 54	15 4	0 54	1 47	1 15	23 46	0 3	15 58	0 13	22 35	0 20	17 34	3 10	5 33	5 4	21 2			n.a.
T 30	19 58	24 31	4 52	25 13	1 44	25 42	1 54	14 52	0 53	1 52	1 15	23 46	0 3	15 58	0 13	22 35	0 20	17 34	3 10	5 31	5 3	21 0			n.a.
F 31	20n11	20s50	4s25	25n14	1n39	25n40	1n54	14n40	0n51	1n56	1s15	23s46	0n 3	15s57	0n13	22s35	0s20	17s33	3n10	5n30	5n 1	20s57			n.a.

Julian Day Number = 1372729.5, Delta T = 06h49m15s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°15'21, Lahiri = -17°08'21 Julian Calendar 1 May 955 BCE == Greg. Calendar 22 Apr. 955 BCE

The year -954 astronomical counting style corresponds to year 955 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 955 BCE
geocentric

JUNE 955 BCE (-954) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 59 37	29♉38'49	26♒44	23♊41	4♋35	24♌ 6	7♈51	29°R46	13°R31	20°R13	0°R52	13°D43	12♈28	14♒27	n.a.	S 1
S 2	16 3 34	0♊35'55	8♓39	25° 5	5°46	24°37	8° 2	29♐43	13♏29	20♑12	0♐50	13♈44	12°25	14°34	n.a.	S 2
M 3	16 7 30	1°33'01	20°41	26°27	6°56	25° 9	8°13	29°39	13°26	20°11	0°49	13°45	12°22	14°41	n.a.	M 3
T 4	16 11 27	2°30'08	2♈56	27°46	8° 7	25°40	8°24	29°36	13°24	20°11	0°47	13°46	12°19	14°47	n.a.	T 4
W 5	16 15 23	3°27'15	15°28	29° 4	9°18	26°12	8°35	29°32	13°22	20°10	0°46	13°R46	12°16	14°54	n.a.	W 5
T 6	16 19 20	4°24'23	28°22	0♋18	10°29	26°44	8°46	29°28	13°20	20° 9	0°44	13°45	12°12	15° 1	n.a.	T 6
F 7	16 23 16	5°21'32	11♉38	1°30	11°39	27°16	8°57	29°24	13°17	20° 7	0°43	13°42	12° 9	15° 8	n.a.	F 7
S 8	16 27 13	6°18'41	25°17	2°40	12°50	27°49	9° 7	29°20	13°15	20° 6	0°41	13°37	12° 6	15°14	n.a.	S 8
S 9	16 31 10	7°15'51	9♊18	3°47	14° 0	28°21	9°18	29°16	13°13	20° 5	0°40	13°30	12° 3	15°21	n.a.	S 9
M10	16 35 6	8°13'02	23°37	4°51	15°11	28°54	9°28	29°12	13°11	20° 4	0°38	13°22	12° 0	15°28	n.a.	M10
T 11	16 39 3	9°10'13	8♋ 7	5°52	16°21	29°27	9°38	29° 8	13° 9	20° 3	0°37	13°13	11°56	15°34	n.a.	T 11
W12	16 42 59	10° 7'24	22°41	6°50	17°31	0♍ 0	9°49	29° 4	13° 7	20° 2	0°36	13° 5	11°53	15°41	n.a.	W12
T 13	16 46 56	11° 4'36	7♌14	7°46	18°42	0°34	9°59	29° 0	13° 5	20° 1	0°34	12°59	11°50	15°48	n.a.	T 13
F 14	16 50 52	12° 1'48	21°40	8°38	19°52	1° 7	10° 9	28°56	13° 2	20° 0	0°33	12°56	11°47	15°54	n.a.	F 14
S 15	16 54 49	12°59'01	5♍55	9°27	21° 2	1°41	10°18	28°52	13° 0	19°58	0°31	12°54	11°44	16° 1	n.a.	S 15
S 16	16 58 46	13°56'14	19°57	10°12	22°12	2°15	10°28	28°47	12°58	19°57	0°30	12°D54	11°41	16° 8	n.a.	S 16
M17	17 2 42	14°53'27	3♎46	10°54	23°22	2°49	10°38	28°43	12°57	19°56	0°28	12°54	11°37	16°15	n.a.	M17
T 18	17 6 39	15°50'41	17°22	11°32	24°32	3°23	10°47	28°39	12°55	19°55	0°27	12°R55	11°34	16°21	n.a.	T 18
W19	17 10 35	16°47'55	0♏46	12° 6	25°41	3°58	10°57	28°35	12°53	19°53	0°25	12°53	11°31	16°28	n.a.	W19
T 20	17 14 32	17°45'10	13°58	12°36	26°51	4°33	11° 6	28°30	12°51	19°52	0°24	12°50	11°28	16°35	n.a.	T 20
F 21	17 18 28	18°42'26	26°59	13° 2	28° 1	5° 7	11°15	28°26	12°49	19°51	0°22	12°43	11°25	16°41	n.a.	F 21
S 22	17 22 25	19°39'43	9♐48	13°23	29°10	5°42	11°24	28°22	12°47	19°49	0°21	12°34	11°22	16°48	n.a.	S 22
S 23	17 26 21	20°37'00	22°26	13°40	0♌20	6°17	11°33	28°17	12°45	19°48	0°20	12°24	11°18	16°55	n.a.	S 23
M24	17 30 18	21°34'19	4♑52	13°51	1°29	6°53	11°42	28°13	12°44	19°47	0°18	12°12	11°15	17° 1	n.a.	M24
T 25	17 34 15	22°31'39	17° 7	13°58	2°38	7°28	11°50	28° 8	12°42	19°45	0°17	12° 0	11°12	17° 8	n.a.	T 25
W26	17 38 11	23°28'59	29°12	14°R 0	3°47	8° 4	11°59	28° 4	12°40	19°44	0°16	11°49	11° 9	17°15	n.a.	W26
T 27	17 42 8	24°26'21	11♒ 8	13°57	4°56	8°40	12° 7	27°59	12°39	19°42	0°14	11°39	11° 6	17°22	n.a.	T 27
F 28	17 46 4	25°23'44	23° 0	13°49	6° 5	9°15	12°16	27°55	12°37	19°41	0°13	11°33	11° 2	17°28	n.a.	F 28
S 29	17 50 1	26°21'09	4♓49	13°35	7°14	9°52	12°24	27°50	12°36	19°39	0°12	11°29	10°59	17°35	n.a.	S 29
S 30	17 53 57	27♊18'35	16♓42	13♋16	8♌23	10♍28	12♈32	27♐46	12♏34	19♑38	0♐10	11♈27	10♈56	17♒42	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n23	16s20	3s46	25n13	1n33	25n38	1n54	14n28	0n50	2n 1	1s15	23s46	0n 3	15s56	0n13	22s36	0s20	17s33	3n10	5n30	5n 0	20s55		n.a.
S 2	20 36	11 12	2 58	25 10	1 27	25 36	1 55	14 16	0 48	2 5	1 15	23 46	0 3	15 56	0 13	22 36	0 20	17 33	3 10	5 30	4 59	20 53		n.a.
M 3	20 47	5 36	2 1	25 6	1 20	25 32	1 55	14 4	0 47	2 9	1 16	23 46	0 3	15 55	0 13	22 36	0 20	17 33	3 10	5 30	4 58	20 50		n.a.
T 4	20 59	0n18	0 58	25 0	1 13	25 28	1 55	13 52	0 45	2 14	1 16	23 46	0 3	15 54	0 13	22 36	0 20	17 33	3 10	5 31	4 56	20 48		n.a.
W 5	21 10	6 19	0n 9	24 54	1 5	25 23	1 54	13 40	0 44	2 18	1 16	23 46	0 2	15 53	0 13	22 36	0 20	17 32	3 9	5 31	4 55	20 45		n.a.
T 6	21 21	12 16	1 18	24 46	0 57	25 17	1 54	13 28	0 42	2 22	1 16	23 46	0 2	15 53	0 13	22 36	0 20	17 32	3 9	5 31	4 54	20 43		n.a.
F 7	21 32	17 50	2 24	24 36	0 48	25 11	1 54	13 15	0 41	2 26	1 16	23 46	0 2	15 52	0 13	22 37	0 20	17 32	3 9	5 29	4 53	20 40		n.a.
S 8	21 42	22 40	3 24	24 26	0 39	25 4	1 53	13 2	0 40	2 30	1 16	23 46	0 2	15 51	0 13	22 37	0 20	17 32	3 9	5 27	4 51	20 38		n.a.
S 9	21 52	26 21	4 13	24 15	0 29	24 56	1 53	12 50	0 38	2 34	1 16	23 47	0 2	15 51	0 13	22 37	0 20	17 32	3 9	5 24	4 50	20 35		n.a.
M10	22 1	28 26	4 47	24 2	0 19	24 48	1 52	12 37	0 37	2 38	1 16	23 47	0 2	15 50	0 13	22 37	0 20	17 31	3 9	5 21	4 49	20 33		n.a.
T 11	22 10	28 37	5 4	23 49	0 9	24 38	1 52	12 24	0 35	2 42	1 17	23 47	0 2	15 50	0 13	22 37	0 20	17 31	3 9	5 18	4 48	20 30		n.a.
W12	22 19	26 48	5 1	23 35	0s 2	24 29	1 51	12 11	0 34	2 46	1 17	23 47	0 2	15 49	0 13	22 38	0 20	17 31	3 9	5 15	4 46	20 28		n.a.
T 13	22 27	23 14	4 38	23 21	0 14	24 18	1 50	11 57	0 33	2 50	1 17	23 47	0 2	15 48	0 13	22 38	0 20	17 31	3 9	5 12	4 45	20 25		n.a.
F 14	22 35	18 15	3 58	23 6	0 25	24 7	1 49	11 44	0 31	2 54	1 17	23 47	0 2	15 48	0 13	22 38	0 20	17 31	3 8	5 11	4 44	20 22		n.a.
S 15	22 43	12 20	3 4	22 51	0 38	23 55	1 48	11 30	0 30	2 58	1 17	23 47	0 2	15 47	0 13	22 38	0 20	17 30	3 8	5 10	4 42	20 20		n.a.
S 16	22 50	5 52	1 59	22 35	0 50	23 42	1 47	11 17	0 29	3 1	1 17	23 47	0 1	15 46	0 13	22 38	0 20	17 30	3 8	5 10	4 41	20 17		n.a.
M17	22 56	0s47	0 49	22 19	1 3	23 29	1 46	11 3	0 27	3 5	1 18	23 47	0 1	15 46	0 13	22 39	0 20	17 30	3 8	5 10	4 40	20 15		n.a.
T 18	23 3	7 17	0s24	22 3	1 15	23 15	1 44	10 49	0 26	3 9	1 18	23 47	0 1	15 45	0 13	22 39	0 20	17 30	3 8	5 10	4 39	20 12		n.a.
W19	23 9	13 23	1 34	21 47	1 29	23 1	1 43	10 36	0 25	3 12	1 18	23 47	0 1	15 45	0 13	22 39	0 20	17 30	3 8	5 10	4 37	20 10		n.a.
T 20	23 14	18 46	2 37	21 31	1 42	22 46	1 41	10 22	0 24	3 16	1 18	23 47	0 1	15 44	0 13	22 39	0 20	17 30	3 8	5 9	4 36	20 7		n.a.
F 21	23 19	23 13	3 32	21 15	1 55	22 30	1 40	10 7	0 22	3 19	1 18	23 47	0 1	15 44	0 13	22 39	0 20	17 29	3 8	5 6	4 35	20 5		n.a.
S 22	23 24	26 27	4 14	20 59	2 9	22 14	1 38	9 53	0 21	3 23	1 18	23 47	0 1	15 43	0 13	22 40	0 21	17 29	3 7	5 3	4 34	20 2		n.a.
S 23	23 28	28 19	4 44	20 44	2 23	21 57	1 36	9 39	0 20	3 26	1 19	23 47	0 1	15 43	0 12	22 40	0 21	17 29	3 7	4 58	4 32	19 59		n.a.
M24	23 32	28 42	4 59	20 29	2 36	21 40	1 34	9 25	0 19	3 29	1 19	23 47	0 1	15 42	0 12	22 40	0 21	17 29	3 7	4 54	4 31	19 57		n.a.
T 25	23 36	27 39	5 0	20 15	2 49	21 22	1 32	9 10	0 17	3 33	1 19	23 47	0 1	15 42	0 12	22 40	0 21	17 29	3 7	4 49	4 30	19 54		n.a.
W26	23 39	25 20	4 48	20 2	3 3	21 4	1 30	8 55	0 16	3 36	1 19	23 47	0 0	15 41	0 12	22 40	0 21	17 29	3 7	4 44	4 29	19 52		n.a.
T 27	23 42	21 54	4 23	19 50	3 15	20 44	1 28	8 41	0 15	3 39	1 19	23 47	0 0	15 41	0 12	22 41	0 21	17 29	3 7	4 41	4 27	19 49		n.a.
F 28	23 44	17 38	3 47	19 38	3 28	20 25	1 25	8 26	0 14	3 42	1 19	23 47	0 0	15 40	0 12	22 41	0 21	17 28	3 7	4 38	4 26	19 46		n.a.
S 29	23 46	12 41	3 1	19 28	3 40	20 5	1 23	8 11	0 13	3 45	1 20	23 47	0 0	15 40	0 12	22 41	0 21	17 28	3 6	4 36	4 25	19 44		n.a.
S 30	23n47	7s17	2s 7	19n19	3s51	19n44	1n20	7n56	0n11	3n48	1s20	23s47	0n 0	15s39	0n12	22s41	0s21	17s28	3n 6	4n36	4n24	19s41		n.a.

Julian Day Number = 1372760.5, Delta T = 06h49m13s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°15'17, Lahiri = -17°08'16 Julian Calendar 1 June 955 BCE == Greg. Calendar 23 May 955 BCE

The year -954 astronomical counting style corresponds to year 955 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 955 BCE
geocentric

JULY 955 BCE (-954) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 57 54	28♊16'02	28♓42	12°R52	9♌32	11♍ 4	12♈39	27°R41	12°R33	19°R37	0°R 9	11°D26	10♈53	17♒48	n.a.	M 1
T 2	18 1 51	29°13'31	10♈55	12♋23	10°40	11°41	12°47	27♐37	12♏31	19♑35	0♐ 8	11°R26	10°50	17°55	n.a.	T 2
W 3	18 5 47	0♋11'01	23°27	11°49	11°49	12°17	12°55	27°32	12°30	19°33	0° 6	11♈26	10°47	18° 2	n.a.	W 3
T 4	18 9 44	1° 8'33	6♉22	11°12	12°57	12°54	13° 2	27°28	12°28	19°32	0° 5	11°24	10°43	18° 8	n.a.	T 4
F 5	18 13 40	2° 6'07	19°43	10°30	14° 5	13°31	13° 9	27°23	12°27	19°30	0° 4	11°20	10°40	18°15	n.a.	F 5
S 6	18 17 37	3° 3'42	3♊33	9°45	15°14	14° 8	13°17	27°19	12°26	19°29	0° 3	11°13	10°37	18°22	n.a.	S 6
S 7	18 21 33	4° 1'18	17°48	8°58	16°22	14°45	13°24	27°15	12°25	19°27	0° 2	11° 3	10°34	18°28	n.a.	S 7
M 8	18 25 30	4°58'57	2♋26	8° 9	17°30	15°23	13°30	27°10	12°23	19°26	0° 0	10°53	10°31	18°35	n.a.	M 8
T 9	18 29 26	5°56'36	17°19	7°19	18°37	16° 0	13°37	27° 6	12°22	19°24	29♏59	10°41	10°28	18°42	n.a.	T 9
W10	18 33 23	6°54'17	2♌18	6°29	19°45	16°38	13°44	27° 1	12°21	19°23	29°58	10°31	10°24	18°49	n.a.	W10
T 11	18 37 20	7°51'59	17°14	5°40	20°53	17°16	13°50	26°57	12°20	19°21	29°57	10°23	10°21	18°55	n.a.	T 11
F 12	18 41 16	8°49'43	1♍58	4°54	22° 0	17°54	13°56	26°53	12°19	19°19	29°56	10°17	10°18	19° 2	n.a.	F 12
S 13	18 45 13	9°47'27	16°24	4°10	23° 8	18°32	14° 2	26°48	12°18	19°18	29°55	10°14	10°15	19° 9	n.a.	S 13
S 14	18 49 9	10°45'13	0♎31	3°30	24°15	19°10	14° 8	26°44	12°17	19°16	29°54	10°13	10°12	19°15	n.a.	S 14
M15	18 53 6	11°43'00	14°18	2°55	25°22	19°48	14°14	26°40	12°16	19°15	29°53	10°13	10° 8	19°22	n.a.	M15
T 16	18 57 2	12°40'49	27°46	2°26	26°29	20°27	14°19	26°36	12°16	19°13	29°52	10°12	10° 5	19°29	n.a.	T 16
W17	19 0 59	13°38'38	10♏56	2° 3	27°36	21° 5	14°25	26°31	12°15	19°11	29°51	10°10	10° 2	19°35	n.a.	W17
T 18	19 4 55	14°36'30	23°52	1°46	28°42	21°44	14°30	26°27	12°14	19°10	29°50	10° 6	9°59	19°42	n.a.	T 18
F 19	19 8 52	15°34'22	6♐35	1°37	29°49	22°23	14°35	26°23	12°14	19° 8	29°49	9°59	9°56	19°49	n.a.	F 19
S 20	19 12 49	16°32'16	19° 7	1°D36	0♍55	23° 2	14°40	26°19	12°13	19° 6	29°48	9°49	9°53	19°56	n.a.	S 20
S 21	19 16 45	17°30'12	1♑29	1°42	2° 1	23°41	14°45	26°15	12°12	19° 5	29°47	9°37	9°49	20° 2	n.a.	S 21
M22	19 20 42	18°28'10	13°42	1°57	3° 7	24°20	14°49	26°11	12°12	19° 3	29°46	9°23	9°46	20° 9	n.a.	M22
T 23	19 24 38	19°26'09	25°47	2°19	4°13	24°59	14°54	26° 7	12°11	19° 1	29°45	9°10	9°43	20°16	n.a.	T 23
W24	19 28 35	20°24'10	7♒45	2°50	5°18	25°39	14°58	26° 3	12°11	19° 0	29°45	8°57	9°40	20°22	n.a.	W24
T 25	19 32 31	21°22'13	19°38	3°29	6°24	26°18	15° 2	25°59	12°11	18°58	29°44	8°47	9°37	20°29	n.a.	T 25
F 26	19 36 28	22°20'17	1♓27	4°15	7°29	26°58	15° 6	25°56	12°10	18°56	29°43	8°39	9°34	20°36	n.a.	F 26
S 27	19 40 24	23°18'24	13°16	5° 9	8°34	27°38	15° 9	25°52	12°10	18°55	29°42	8°34	9°30	20°42	n.a.	S 27
S 28	19 44 21	24°16'33	25° 7	6°10	9°39	28°18	15°13	25°48	12°10	18°53	29°41	8°31	9°27	20°49	n.a.	S 28
M29	19 48 18	25°14'43	7♈ 6	7°17	10°43	28°58	15°16	25°45	12°10	18°52	29°41	8°D30	9°24	20°56	n.a.	M29
T 30	19 52 14	26°12'56	19°18	8°32	11°48	29°38	15°19	25°41	12° 9	18°50	29°40	8°31	9°21	21° 2	n.a.	T 30
W31	19 56 11	27♋11'11	1♉47	9♋52	12♍52	0♎18	15♈22	25♐37	12♏ 9	18♑48	29♏39	8°R31	9♈18	21♒ 9	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n48	1s33	1s 7	19n11	4s 1	19n23	1n18	7n41	0n10	3n51	1s20	23s47	0n 0	15s39	0n12	22s42	0s21	17s28	3n 6	4n35	4n22	19s39			n.a.
T 2	23 49	4n21	0 3	19 4	4 10	19 2	1 15	7 26	0 9	3 54	1 20	23 47	0s 0	15 38	0 12	22 42	0 21	17 28	3 6	4 36	4 21	19 36			n.a.
W 3	23 49	10 13	1n 3	18 59	4 19	18 40	1 12	7 11	0 8	3 57	1 20	23 47	0 0	15 38	0 12	22 42	0 21	17 28	3 6	4 35	4 20	19 33			n.a.
T 4	23 48	15 52	2 8	18 55	4 26	18 17	1 9	6 55	0 7	4 0	1 21	23 47	0 0	15 38	0 12	22 42	0 21	17 28	3 6	4 35	4 18	19 31			n.a.
F 5	23 48	20 57	3 8	18 53	4 31	17 55	1 6	6 40	0 6	4 2	1 21	23 47	0 0	15 37	0 12	22 43	0 21	17 28	3 5	4 33	4 17	19 28			n.a.
S 6	23 47	25 5	3 59	18 53	4 35	17 31	1 3	6 24	0 4	4 5	1 21	23 47	0 0	15 37	0 12	22 43	0 21	17 27	3 5	4 30	4 16	19 25			n.a.
S 7	23 45	27 50	4 36	18 54	4 37	17 8	1 0	6 9	0 3	4 7	1 21	23 47	0 1	15 36	0 12	22 43	0 21	17 27	3 5	4 26	4 15	19 23			n.a.
M 8	23 43	28 44	4 57	18 56	4 38	16 44	0 56	5 53	0 2	4 10	1 21	23 47	0 1	15 36	0 12	22 43	0 21	17 27	3 5	4 22	4 13	19 20			n.a.
T 9	23 41	27 36	4 58	19 0	4 36	16 19	0 53	5 37	0 1	4 12	1 21	23 47	0 1	15 36	0 12	22 44	0 21	17 27	3 5	4 18	4 12	19 17			n.a.
W10	23 38	24 29	4 39	19 6	4 33	15 54	0 50	5 21	0 0	4 15	1 22	23 47	0 1	15 35	0 12	22 44	0 21	17 27	3 5	4 14	4 11	19 15			n.a.
T 11	23 34	19 44	4 1	19 14	4 28	15 29	0 46	5 5	0s 1	4 17	1 22	23 47	0 1	15 35	0 12	22 44	0 21	17 27	3 5	4 10	4 10	19 12			n.a.
F 12	23 31	13 51	3 7	19 22	4 21	15 3	0 42	4 49	0 2	4 19	1 22	23 47	0 1	15 35	0 12	22 44	0 21	17 27	3 4	4 8	4 8	19 9			n.a.
S 13	23 27	7 19	2 2	19 32	4 12	14 38	0 39	4 33	0 3	4 22	1 22	23 47	0 1	15 35	0 12	22 45	0 21	17 27	3 4	4 7	4 7	19 7			n.a.
S 14	23 22	0 34	0 51	19 44	4 2	14 11	0 35	4 17	0 4	4 24	1 22	23 47	0 1	15 34	0 12	22 45	0 21	17 27	3 4	4 6	4 6	19 4			n.a.
M15	23 17	6s 3	0s22	19 57	3 50	13 45	0 31	4 1	0 5	4 26	1 23	23 47	0 1	15 34	0 12	22 45	0 21	17 27	3 4	4 6	4 5	19 1			n.a.
T 16	23 12	12 15	1 31	20 10	3 37	13 18	0 27	3 45	0 6	4 28	1 23	23 47	0 1	15 34	0 12	22 45	0 21	17 27	3 4	4 6	4 3	18 59			n.a.
W17	23 6	17 47	2 35	20 25	3 23	12 51	0 23	3 28	0 7	4 30	1 23	23 47	0 1	15 34	0 12	22 46	0 21	17 27	3 4	4 5	4 2	18 56			n.a.
T 18	23 0	22 23	3 29	20 40	3 8	12 24	0 18	3 12	0 8	4 32	1 23	23 47	0 2	15 33	0 12	22 46	0 21	17 27	3 3	4 4	4 1	18 53			n.a.
F 19	22 53	25 52	4 11	20 56	2 52	11 56	0 14	2 55	0 9	4 33	1 24	23 47	0 2	15 33	0 12	22 46	0 21	17 27	3 3	4 1	4 0	18 51			n.a.
S 20	22 46	28 1	4 41	21 13	2 35	11 28	0 10	2 39	0 10	4 35	1 24	23 47	0 2	15 33	0 12	22 46	0 21	17 27	3 3	3 57	3 58	18 48			n.a.
S 21	22 39	28 45	4 57	21 30	2 18	11 0	0 5	2 22	0 11	4 37	1 24	23 47	0 2	15 33	0 12	22 47	0 21	17 27	3 3	3 52	3 57	18 45			n.a.
M22	22 31	28 3	4 59	21 47	2 1	10 32	0 1	2 6	0 12	4 38	1 24	23 47	0 2	15 33	0 12	22 47	0 21	17 27	3 3	3 47	3 56	18 42			n.a.
T 23	22 23	26 1	4 48	22 4	1 44	10 3	0s 4	1 49	0 13	4 40	1 24	23 47	0 2	15 33	0 12	22 47	0 21	17 27	3 2	3 41	3 54	18 40			n.a.
W24	22 14	22 51	4 24	22 20	1 26	9 34	0 9	1 32	0 14	4 41	1 25	23 47	0 2	15 32	0 12	22 47	0 21	17 27	3 2	3 36	3 53	18 37			n.a.
T 25	22 5	18 45	3 48	22 37	1 9	9 6	0 14	1 15	0 15	4 43	1 25	23 47	0 2	15 32	0 12	22 48	0 21	17 27	3 2	3 32	3 52	18 34			n.a.
F 26	21 56	13 58	3 3	22 52	0 53	8 37	0 18	0 59	0 16	4 44	1 25	23 47	0 2	15 32	0 12	22 48	0 21	17 27	3 2	3 29	3 51	18 31			n.a.
S 27	21 46	8 40	2 10	23 6	0 37	8 7	0 23	0 42	0 17	4 45	1 25	23 47	0 2	15 32	0 12	22 48	0 21	17 27	3 2	3 27	3 49	18 29			n.a.
S 28	21 36	3 3	1 10	23 19	0 21	7 38	0 28	0 25	0 18	4 46	1 25	23 47	0 2	15 32	0 12	22 48	0 21	17 27	3 2	3 26	3 48	18 26			n.a.
M29	21 25	2n45	0 7	23 30	0 6	7 9	0 33	0 8	0 19	4 47	1 26	23 47	0 3	15 32	0 12	22 49	0 21	17 27	3 1	3 25	3 47	18 23			n.a.
T 30	21 14	8 33	0n57	23 40	0n 8	6 39	0 39	0s 9	0 20	4 48	1 26	23 47	0 3	15 32	0 12	22 49	0 21	17 27	3 1	3 26	3 46	18 20			n.a.
W31	21n 3	14n 9	2n 0	23n47	0n21	6n 9	0s44	0s26	0s21	4n49	1s26	23s47	0s 3	15s32	0n12	22s49	0s21	17s27	3n 1	3n26	3n44	18s18			n.a.

Julian Day Number = 1372790.5, Delta T = 06h49m12s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°15'13, Lahiri = -17°08'12 Julian Calendar 1 July 955 BCE == Greg. Calendar 22 June 955 BCE

The year -954 astronomical counting style corresponds to year 955 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 955 BCE
geocentric

AUGUST 955 BCE (-954) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 0 7	28♋ 9'29	14♉38	11♋17	13♍56	0♎58	15♈25	25°R34	12°D 9	18°R47	29°R39	8°R29	9♈14	21♒16	n.a.	T 1
F 2	20 4 4	29° 7'48	27°56	12°48	15° 0	1°39	15°27	25♐31	12♏ 9	18♑45	29♏38	8♈26	9°11	21°23	n.a.	F 2
S 3	20 8 0	0♌ 6'10	11♊44	14°22	16° 4	2°19	15°30	25°27	12° 9	18°43	29°38	8°21	9° 8	21°29	n.a.	S 3
S 4	20 11 57	1° 4'34	26° 1	16° 1	17° 7	3° 0	15°32	25°24	12°10	18°42	29°37	8°13	9° 5	21°36	n.a.	S 4
M 5	20 15 53	2° 3'01	10♋45	17°43	18°10	3°41	15°34	25°21	12°10	18°40	29°37	8° 4	9° 2	21°43	n.a.	M 5
T 6	20 19 50	3° 1'29	25°48	19°28	19°13	4°22	15°36	25°18	12°10	18°39	29°36	7°54	8°59	21°49	n.a.	T 6
W 7	20 23 47	3°59'59	11♌ 2	21°15	20°15	5° 3	15°37	25°15	12°10	18°37	29°36	7°45	8°55	21°56	n.a.	W 7
T 8	20 27 43	4°58'32	26°14	23° 4	21°18	5°44	15°39	25°12	12°11	18°36	29°35	7°37	8°52	22° 3	n.a.	T 8
F 9	20 31 40	5°57'06	11♍16	24°54	22°20	6°25	15°40	25° 9	12°11	18°34	29°35	7°32	8°49	22° 9	n.a.	F 9
S 10	20 35 36	6°55'42	25°59	26°45	23°22	7° 6	15°41	25° 6	12°12	18°32	29°35	7°30	8°46	22°16	n.a.	S 10
S 11	20 39 33	7°54'20	10♎19	28°37	24°23	7°48	15°41	25° 4	12°12	18°31	29°34	7°D29	8°43	22°23	n.a.	S 11
M12	20 43 29	8°53'00	24°13	0♏30	25°24	8°29	15°42	25° 1	12°13	18°29	29°34	7°30	8°40	22°29	n.a.	M12
T 13	20 47 26	9°51'41	7♏43	2°23	26°25	9°11	15°42	24°59	12°13	18°28	29°34	7°R30	8°36	22°36	n.a.	T 13
W14	20 51 22	10°50'25	20°50	4°15	27°26	9°52	15°R43	24°56	12°14	18°26	29°33	7°30	8°33	22°43	n.a.	W14
T 15	20 55 19	11°49'10	3♐39	6° 8	28°26	10°34	15°43	24°54	12°15	18°25	29°33	7°28	8°30	22°49	n.a.	T 15
F 16	20 59 16	12°47'57	16°11	8° 0	29°25	11°16	15°42	24°52	12°15	18°23	29°33	7°23	8°27	22°56	n.a.	F 16
S 17	21 3 12	13°46'46	28°31	9°52	0♎25	11°58	15°42	24°49	12°16	18°22	29°33	7°16	8°24	23° 3	n.a.	S 17
S 18	21 7 9	14°45'37	10♑42	11°43	1°24	12°40	15°41	24°47	12°17	18°21	29°33	7° 7	8°20	23°10	n.a.	S 18
M19	21 11 5	15°44'30	22°44	13°33	2°23	13°22	15°40	24°45	12°18	18°19	29°33	6°58	8°17	23°16	n.a.	M19
T 20	21 15 2	16°43'25	4♒41	15°23	3°21	14° 5	15°39	24°43	12°19	18°18	29°33	6°48	8°14	23°23	n.a.	T 20
W21	21 18 58	17°42'22	16°34	17°12	4°19	14°47	15°38	24°42	12°20	18°16	29°33	6°39	8°11	23°30	n.a.	W21
T 22	21 22 55	18°41'21	28°24	19° 0	5°16	15°29	15°37	24°40	12°21	18°15	29°D33	6°31	8° 8	23°36	n.a.	T 22
F 23	21 26 51	19°40'22	10♓14	20°47	6°13	16°12	15°35	24°38	12°22	18°14	29°33	6°25	8° 5	23°43	n.a.	F 23
S 24	21 30 48	20°39'26	22° 4	22°33	7°10	16°54	15°33	24°37	12°23	18°12	29°33	6°22	8° 1	23°50	n.a.	S 24
S 25	21 34 44	21°38'32	3♈59	24°19	8° 6	17°37	15°31	24°35	12°24	18°11	29°33	6°D21	7°58	23°56	n.a.	S 25
M26	21 38 41	22°37'40	16° 1	26° 3	9° 1	18°20	15°29	24°34	12°26	18°10	29°33	6°21	7°55	24° 3	n.a.	M26
T 27	21 42 38	23°36'50	28°15	27°47	9°56	19° 3	15°27	24°33	12°27	18° 8	29°33	6°23	7°52	24°10	n.a.	T 27
W28	21 46 34	24°36'03	10♉43	29°30	10°51	19°46	15°24	24°31	12°28	18° 7	29°33	6°24	7°49	24°16	n.a.	W28
T 29	21 50 31	25°35'19	23°32	1♍12	11°44	20°29	15°21	24°30	12°30	18° 6	29°33	6°R25	7°46	24°23	n.a.	T 29
F 30	21 54 27	26°34'37	6♊44	2°53	12°38	21°12	15°18	24°29	12°31	18° 5	29°34	6°24	7°42	24°30	n.a.	F 30
S 31	21 58 24	27♌33'58	20♊24	4♍34	13♎31	21♎55	15♈15	24♐29	12♏33	18♑ 4	29♏34	6♈22	7♈39	24♒36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20n51	19n20	3n 0	23n53	0n33	5n40	0s49	0s44	0s22	4n50	1s26	23s47	0s 3	15s32	0n12	22s49	0s21	17s27	3n 1	3n25	3n43	18s15			n.a.
F 2	20 39	23 45	3 51	23 56	0 45	5 10	0 55	1 1	0 23	4 51	1 27	23 47	0 3	15 32	0 12	22 49	0 21	17 27	3 1	3 24	3 42	18 12			n.a.
S 3	20 27	27 1	4 31	23 56	0 55	4 40	1 0	1 18	0 24	4 52	1 27	23 47	0 3	15 32	0 12	22 50	0 21	17 27	3 1	3 22	3 41	18 9			n.a.
S 4	20 14	28 41	4 56	23 55	1 5	4 10	1 5	1 35	0 25	4 52	1 27	23 47	0 3	15 32	0 12	22 50	0 21	17 27	3 0	3 18	3 39	18 7			n.a.
M 5	20 1	28 24	5 3	23 50	1 14	3 40	1 11	1 52	0 26	4 53	1 27	23 47	0 3	15 32	0 12	22 50	0 21	17 27	3 0	3 15	3 38	18 4			n.a.
T 6	19 47	26 2	4 49	23 43	1 21	3 10	1 17	2 10	0 26	4 53	1 27	23 47	0 3	15 32	0 12	22 50	0 21	17 27	3 0	3 11	3 37	18 1			n.a.
W 7	19 33	21 48	4 14	23 33	1 28	2 40	1 22	2 27	0 27	4 54	1 28	23 47	0 3	15 33	0 12	22 51	0 21	17 27	3 0	3 7	3 35	17 58			n.a.
T 8	19 19	16 7	3 21	23 20	1 33	2 9	1 28	2 44	0 28	4 54	1 28	23 47	0 3	15 33	0 12	22 51	0 21	17 27	3 0	3 4	3 34	17 55			n.a.
F 9	19 5	9 32	2 15	23 5	1 38	1 39	1 34	3 2	0 29	4 54	1 28	23 47	0 4	15 33	0 12	22 51	0 21	17 27	2 59	3 2	3 33	17 53			n.a.
S 10	18 50	2 33	1 1	22 48	1 42	1 9	1 40	3 19	0 30	4 55	1 28	23 47	0 4	15 33	0 12	22 51	0 21	17 27	2 59	3 1	3 32	17 50			n.a.
S 11	18 35	4s23	0s15	22 28	1 45	0 39	1 46	3 36	0 31	4 55	1 28	23 47	0 4	15 33	0 12	22 52	0 21	17 28	2 59	3 1	3 30	17 47			n.a.
M12	18 19	10 54	1 28	22 6	1 47	0 9	1 51	3 54	0 32	4 55	1 29	23 47	0 4	15 33	0 12	22 52	0 21	17 28	2 59	3 1	3 29	17 44			n.a.
T 13	18 3	16 44	2 34	21 42	1 49	0s21	1 57	4 11	0 32	4 55	1 29	23 47	0 4	15 34	0 12	22 52	0 21	17 28	2 59	3 1	3 28	17 41			n.a.
W14	17 47	21 37	3 31	21 16	1 50	0 51	2 3	4 29	0 33	4 55	1 29	23 47	0 4	15 34	0 12	22 52	0 21	17 28	2 58	3 1	3 27	17 38			n.a.
T 15	17 31	25 22	4 15	20 48	1 50	1 20	2 9	4 46	0 34	4 54	1 29	23 47	0 4	15 34	0 11	22 52	0 21	17 28	2 58	3 0	3 25	17 36			n.a.
F 16	17 14	27 49	4 45	20 18	1 49	1 50	2 16	5 3	0 35	4 54	1 30	23 47	0 4	15 34	0 11	22 53	0 21	17 28	2 58	2 58	3 24	17 33			n.a.
S 17	16 57	28 50	5 2	19 47	1 48	2 20	2 22	5 21	0 36	4 54	1 30	23 47	0 4	15 35	0 11	22 53	0 21	17 28	2 58	2 56	3 23	17 30			n.a.
S 18	16 40	28 26	5 5	19 14	1 46	2 49	2 28	5 38	0 36	4 53	1 30	23 47	0 4	15 35	0 11	22 53	0 21	17 29	2 58	2 52	3 21	17 27			n.a.
M19	16 22	26 42	4 54	18 41	1 44	3 18	2 34	5 56	0 37	4 53	1 30	23 47	0 4	15 35	0 11	22 53	0 21	17 29	2 58	2 48	3 20	17 24			n.a.
T 20	16 4	23 46	4 31	18 5	1 42	3 48	2 40	6 13	0 38	4 52	1 30	23 47	0 4	15 35	0 11	22 53	0 21	17 29	2 57	2 44	3 19	17 21			n.a.
W21	15 46	19 51	3 56	17 29	1 39	4 17	2 46	6 30	0 39	4 51	1 31	23 47	0 5	15 36	0 11	22 54	0 21	17 29	2 57	2 41	3 18	17 19			n.a.
T 22	15 27	15 10	3 10	16 52	1 35	4 46	2 53	6 48	0 39	4 51	1 31	23 47	0 5	15 36	0 11	22 54	0 21	17 29	2 57	2 38	3 16	17 16			n.a.
F 23	15 9	9 57	2 16	16 14	1 31	5 14	2 59	7 5	0 40	4 50	1 31	23 47	0 5	15 36	0 11	22 54	0 21	17 29	2 57	2 35	3 15	17 13			n.a.
S 24	14 50	4 22	1 16	15 35	1 27	5 43	3 5	7 22	0 41	4 49	1 31	23 47	0 5	15 37	0 11	22 54	0 21	17 30	2 57	2 34	3 14	17 10			n.a.
S 25	14 31	1n25	0 13	14 55	1 23	6 11	3 11	7 40	0 42	4 48	1 31	23 47	0 5	15 37	0 11	22 54	0 21	17 30	2 56	2 34	3 13	17 7			n.a.
M26	14 11	7 12	0n52	14 15	1 18	6 39	3 18	7 57	0 42	4 47	1 32	23 47	0 5	15 38	0 11	22 55	0 21	17 30	2 56	2 34	3 11	17 4			n.a.
T 27	13 51	12 49	1 56	13 34	1 13	7 7	3 24	8 14	0 43	4 46	1 32	23 47	0 5	15 38	0 11	22 55	0 21	17 30	2 56	2 34	3 10	17 1			n.a.
W28	13 31	18 3	2 56	12 52	1 7	7 34	3 30	8 31	0 44	4 45	1 32	23 47	0 5	15 39	0 11	22 55	0 21	17 30	2 56	2 35	3 9	16 58			n.a.
T 29	13 11	22 37	3 48	12 11	1 2	8 1	3 36	8 48	0 44	4 43	1 32	23 47	0 5	15 39	0 11	22 55	0 21	17 31	2 56	2 35	3 7	16 56			n.a.
F 30	12 51	26 13	4 31	11 28	0 56	8 28	3 43	9 5	0 45	4 42	1 32	23 47	0 5	15 39	0 11	22 55	0 21	17 31	2 55	2 35	3 6	16 53			n.a.
S 31	12n30	28n26	4n59	10n46	0n50	8s55	3s49	9s23	0s46	4n41	1s32	23s47	0s 5	15s40	0n11	22s55	0s21	17s31	2n55	2n34	3n 5	16s50			n.a.

Julian Day Number = 1372821.5, Delta T = 06h49m10s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°15'09, Lahiri = -17°08'08 Julian Calendar 1 Aug. 955 BCE == Greg. Calendar 23 July 955 BCE

The year -954 astronomical counting style corresponds to year 955 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 955 BCE
geocentric

SEPTEMBER 955 BCE (-954) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 2 20	28♌33'21	4♋31	6♍13	14♎23	22♎39	15°R12	24°R28	12♏34	18°R 2	29♏34	6°R19	7♈36	24♒43	n.a.	S 1
M 2	22 6 17	29°32'46	19° 6	7°52	15°14	23°22	15♈ 8	24♐27	12°36	18♉ 1	29°35	6♈14	7°33	24°50	n.a.	M 2
T 3	22 10 13	0♍32'14	4♌ 2	9°30	16° 5	24° 5	15° 4	24°27	12°38	18° 0	29°35	6° 8	7°30	24°56	n.a.	T 3
W 4	22 14 10	1°31'45	19°13	11° 7	16°55	24°49	15° 0	24°26	12°39	17°59	29°35	6° 3	7°26	25° 3	n.a.	W 4
T 5	22 18 7	2°31'17	4♍29	12°44	17°44	25°33	14°56	24°26	12°41	17°58	29°36	5°59	7°23	25°10	n.a.	T 5
F 6	22 22 3	3°30'51	19°39	14°20	18°33	26°16	14°52	24°25	12°43	17°57	29°36	5°57	7°20	25°16	n.a.	F 6
S 7	22 26 0	4°30'28	4♎34	15°55	19°21	27° 0	14°47	24°25	12°45	17°56	29°37	5°D56	7°17	25°23	n.a.	S 7
S 8	22 29 56	5°30'06	19° 6	17°29	20° 8	27°44	14°43	24°D25	12°46	17°55	29°37	5°56	7°14	25°30	n.a.	S 8
M 9	22 33 53	6°29'47	3♏12	19° 3	20°54	28°28	14°38	24°25	12°48	17°54	29°38	5°58	7°11	25°37	n.a.	M 9
T 10	22 37 49	7°29'29	16°51	20°36	21°40	29°12	14°33	24°25	12°50	17°53	29°38	5°59	7° 7	25°43	n.a.	T 10
W11	22 41 46	8°29'13	0♐ 4	22° 8	22°24	29°56	14°27	24°26	12°52	17°52	29°39	6° 0	7° 4	25°50	n.a.	W11
T 12	22 45 42	9°29'00	12°54	23°40	23° 8	0♏40	14°22	24°26	12°54	17°51	29°40	6°R 0	7° 1	25°57	n.a.	T 12
F 13	22 49 39	10°28'48	25°25	25°11	23°50	1°25	14°17	24°27	12°57	17°50	29°40	5°59	6°58	26° 3	n.a.	F 13
S 14	22 53 35	11°28'37	7♑40	26°41	24°31	2° 9	14°11	24°27	12°59	17°50	29°41	5°57	6°55	26°10	n.a.	S 14
S 15	22 57 32	12°28'29	19°44	28°11	25°12	2°53	14° 5	24°28	13° 1	17°49	29°42	5°54	6°52	26°17	n.a.	S 15
M16	23 1 29	13°28'23	1♒40	29°40	25°51	3°38	13°59	24°29	13° 3	17°48	29°42	5°51	6°48	26°23	n.a.	M16
T 17	23 5 25	14°28'18	13°32	1♎ 9	26°29	4°22	13°53	24°29	13° 5	17°47	29°43	5°47	6°45	26°30	n.a.	T 17
W18	23 9 22	15°28'15	25°22	2°37	27° 6	5° 7	13°47	24°30	13° 8	17°47	29°44	5°43	6°42	26°37	n.a.	W18
T 19	23 13 18	16°28'15	7♓13	4° 4	27°41	5°51	13°40	24°31	13°10	17°46	29°45	5°41	6°39	26°43	n.a.	T 19
F 20	23 17 15	17°28'16	19° 6	5°30	28°15	6°36	13°34	24°33	13°13	17°45	29°46	5°39	6°36	26°50	n.a.	F 20
S 21	23 21 11	18°28'19	1♈ 3	6°56	28°48	7°21	13°27	24°34	13°15	17°45	29°47	5°D38	6°32	26°57	n.a.	S 21
S 22	23 25 8	19°28'24	13° 7	8°21	29°19	8° 6	13°20	24°35	13°17	17°44	29°48	5°38	6°29	27° 3	n.a.	S 22
M23	23 29 4	20°28'31	25°19	9°45	29°49	8°51	13°13	24°37	13°20	17°44	29°49	5°39	6°26	27°10	n.a.	M23
T 24	23 33 1	21°28'41	7♉42	11° 9	0♏17	9°36	13° 6	24°38	13°22	17°43	29°50	5°40	6°23	27°17	n.a.	T 24
W25	23 36 57	22°28'53	20°19	12°31	0°44	10°21	12°59	24°40	13°25	17°43	29°51	5°41	6°20	27°23	n.a.	W25
T 26	23 40 54	23°29'06	3♊12	13°53	1° 9	11° 6	12°52	24°42	13°28	17°42	29°52	5°42	6°17	27°30	n.a.	T 26
F 27	23 44 51	24°29'23	16°23	15°13	1°32	11°51	12°44	24°44	13°30	17°42	29°53	5°43	6°13	27°37	n.a.	F 27
S 28	23 48 47	25°29'41	29°56	16°33	1°53	12°36	12°37	24°46	13°33	17°41	29°54	5°R43	6°10	27°43	n.a.	S 28
S 29	23 52 44	26°30'02	13♋51	17°51	2°13	13°22	12°29	24°48	13°36	17°41	29°55	5°43	6° 7	27°50	n.a.	S 29
M30	23 56 40	27♍30'24	28♋ 8	19♎ 8	2♏31	14♏ 7	12♈22	24♐50	13♏39	17♑41	29♏56	5♈42	6♈ 4	27♒57	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n10	28n55	5n11	10n 3	0n44	9s21	3s55	9s40	0s47	4n39	1s33	23s47	0s 5	15s40	0n11	22s56	0s21	17s31	2n55	2n33	3n 4	16s47		n.a.
M 2	11 48	27 26	5 3	9 20	0 38	9 47	4 1	9 57	0 47	4 38	1 33	23 47	0 6	15 41	0 11	22 56	0 21	17 32	2 55	2 31	3 2	16 44		n.a.
T 3	11 27	24 0	4 35	8 37	0 32	10 13	4 8	10 14	0 48	4 36	1 33	23 47	0 6	15 41	0 11	22 56	0 21	17 32	2 55	2 28	3 1	16 41		n.a.
W 4	11 6	18 53	3 48	7 54	0 25	10 38	4 14	10 30	0 49	4 34	1 33	23 47	0 6	15 42	0 11	22 56	0 21	17 32	2 54	2 26	3 0	16 38		n.a.
T 5	10 44	12 33	2 43	7 10	0 19	11 3	4 20	10 47	0 49	4 33	1 33	23 47	0 6	15 43	0 11	22 56	0 21	17 33	2 54	2 25	2 59	16 35		n.a.
F 6	10 22	5 30	1 28	6 27	0 12	11 28	4 26	11 4	0 50	4 31	1 33	23 47	0 6	15 43	0 11	22 56	0 21	17 33	2 54	2 24	2 57	16 32		n.a.
S 7	10 0	1s43	0 7	5 43	0 5	11 52	4 32	11 21	0 50	4 29	1 34	23 47	0 6	15 44	0 11	22 57	0 21	17 33	2 54	2 23	2 56	16 29		n.a.
S 8	9 38	8 41	1s12	5 0	0s 2	12 16	4 38	11 37	0 51	4 27	1 34	23 48	0 6	15 44	0 11	22 57	0 21	17 33	2 54	2 24	2 55	16 26		n.a.
M 9	9 16	15 1	2 24	4 16	0 9	12 39	4 44	11 54	0 52	4 25	1 34	23 48	0 6	15 45	0 11	22 57	0 21	17 34	2 53	2 24	2 53	16 23		n.a.
T 10	8 53	20 25	3 26	3 33	0 15	13 2	4 50	12 10	0 52	4 23	1 34	23 48	0 6	15 46	0 11	22 57	0 21	17 34	2 53	2 25	2 52	16 21		n.a.
W11	8 31	24 37	4 15	2 50	0 22	13 24	4 55	12 27	0 53	4 21	1 34	23 48	0 6	15 46	0 11	22 57	0 21	17 34	2 53	2 25	2 51	16 18		n.a.
T 12	8 8	27 28	4 49	2 6	0 29	13 46	5 1	12 43	0 53	4 18	1 34	23 48	0 6	15 47	0 11	22 57	0 21	17 35	2 53	2 25	2 50	16 15		n.a.
F 13	7 45	28 52	5 9	1 24	0 36	14 7	5 7	12 59	0 54	4 16	1 34	23 48	0 6	15 47	0 11	22 57	0 21	17 35	2 53	2 25	2 48	16 12		n.a.
S 14	7 22	28 49	5 14	0 41	0 43	14 28	5 12	13 16	0 55	4 14	1 34	23 48	0 6	15 48	0 11	22 57	0 21	17 35	2 53	2 24	2 47	16 9		n.a.
S 15	6 59	27 22	5 5	0s 2	0 50	14 48	5 17	13 32	0 55	4 11	1 35	23 48	0 7	15 49	0 11	22 58	0 21	17 36	2 52	2 23	2 46	16 6		n.a.
M16	6 36	24 41	4 43	0 44	0 57	15 8	5 23	13 48	0 56	4 9	1 35	23 48	0 7	15 50	0 11	22 58	0 21	17 36	2 52	2 21	2 45	16 3		n.a.
T 17	6 12	20 59	4 9	1 26	1 3	15 27	5 28	14 3	0 56	4 6	1 35	23 48	0 7	15 50	0 11	22 58	0 21	17 36	2 52	2 20	2 43	16 0		n.a.
W18	5 49	16 28	3 24	2 7	1 10	15 45	5 33	14 19	0 57	4 4	1 35	23 49	0 7	15 51	0 11	22 58	0 21	17 37	2 52	2 18	2 42	15 57		n.a.
T 19	5 25	11 19	2 31	2 49	1 17	16 3	5 38	14 35	0 57	4 1	1 35	23 49	0 7	15 52	0 11	22 58	0 21	17 37	2 52	2 17	2 41	15 54		n.a.
F 20	5 1	5 46	1 30	3 29	1 23	16 20	5 43	14 50	0 58	3 59	1 35	23 49	0 7	15 52	0 11	22 58	0 21	17 37	2 51	2 17	2 39	15 51		n.a.
S 21	4 38	0n 2	0 25	4 10	1 30	16 36	5 47	15 6	0 58	3 56	1 35	23 49	0 7	15 53	0 11	22 58	0 21	17 38	2 51	2 16	2 38	15 48		n.a.
S 22	4 14	5 53	0n41	4 50	1 36	16 52	5 51	15 21	0 59	3 53	1 35	23 49	0 7	15 54	0 11	22 58	0 21	17 38	2 51	2 16	2 37	15 45		n.a.
M23	3 50	11 36	1 47	5 29	1 42	17 6	5 56	15 36	0 59	3 50	1 35	23 49	0 7	15 55	0 11	22 58	0 21	17 39	2 51	2 17	2 36	15 42		n.a.
T 24	3 26	16 57	2 48	6 8	1 48	17 20	6 0	15 51	1 0	3 48	1 35	23 49	0 7	15 56	0 11	22 58	0 21	17 39	2 51	2 17	2 34	15 39		n.a.
W25	3 2	21 41	3 43	6 46	1 54	17 33	6 3	16 6	1 0	3 45	1 35	23 49	0 7	15 56	0 11	22 58	0 21	17 39	2 51	2 18	2 33	15 36		n.a.
T 26	2 38	25 30	4 28	7 24	2 0	17 46	6 7	16 21	1 1	3 42	1 35	23 50	0 7	15 57	0 11	22 58	0 21	17 40	2 50	2 18	2 32	15 33		n.a.
F 27	2 13	28 4	4 59	8 0	2 5	17 57	6 10	16 36	1 1	3 39	1 35	23 50	0 7	15 58	0 11	22 58	0 21	17 40	2 50	2 18	2 30	15 30		n.a.
S 28	1 49	29 4	5 16	8 36	2 11	18 8	6 13	16 50	1 2	3 36	1 35	23 50	0 8	15 59	0 11	22 59	0 21	17 41	2 50	2 18	2 29	15 27		n.a.
S 29	1 25	28 17	5 14	9 11	2 16	18 17	6 16	17 5	1 2	3 33	1 35	23 50	0 8	16 0	0 11	22 59	0 21	17 41	2 50	2 18	2 28	15 24		n.a.
M30	1n 0	25n38	4n53	9s46	2s20	18s26	6s18	17s19	1s 3	3n30	1s35	23s50	0s 8	16s 1	0n11	22s59	0s21	17s41	2n50	2n18	2n27	15s21		n.a.

Julian Day Number = 1372852.5, Delta T = 06h49m09s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°15'04, Lahiri = -17°08'04 Julian Calendar 1 Sept. 955 BCE == Greg. Calendar 23 Aug. 955 BCE

The year -954 astronomical counting style corresponds to year 955 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 955 BCE
geocentric

OCTOBER 955 BCE (-954) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 0 37	28♍30'49	12♌46	20♎24	2♏46	14♏52	12°R14	24♐52	13♏41	17°R40	29♏57	5°R41	6♈ 1	28♒ 3	n.a.	T 1
W 2	0 4 33	29°31'16	27°38	21°38	3° 0	15°38	12♈ 6	24°54	13°44	17♉40	29°59	5♈40	5°57	28°10	n.a.	W 2
T 3	0 8 30	0♎31'45	12♍38	22°50	3°11	16°23	11°58	24°57	13°47	17°40	29°59	5°40	5°54	28°17	n.a.	T 3
F 4	0 12 26	1°32'15	27°39	24° 0	3°21	17° 9	11°50	24°59	13°50	17°40	0♐ 1	5°39	5°51	28°23	n.a.	F 4
S 5	0 16 23	2°32'48	12♎31	25° 8	3°28	17°55	11°42	25° 2	13°53	17°40	0° 2	5°D39	5°48	28°30	n.a.	S 5
S 6	0 20 20	3°33'22	27° 6	26°13	3°33	18°40	11°34	25° 5	13°56	17°39	0° 4	5°40	5°45	28°37	n.a.	S 6
M 7	0 24 16	4°33'57	11♏19	27°16	3°35	19°26	11°26	25° 8	13°59	17°39	0° 5	5°40	5°42	28°43	n.a.	M 7
T 8	0 28 13	5°34'34	25° 7	28°15	3°R36	20°12	11°18	25°11	14° 2	17°39	0° 6	5°R40	5°38	28°50	n.a.	T 8
W 9	0 32 9	6°35'13	8♐28	29°11	3°33	20°58	11°10	25°14	14° 5	17°D39	0° 8	5°40	5°35	28°57	n.a.	W 9
T 10	0 36 6	7°35'53	21°25	0♏ 3	3°29	21°43	11° 2	25°17	14° 8	17°39	0° 9	5°40	5°32	29° 4	n.a.	T 10
F 11	0 40 2	8°36'34	3♑59	0°51	3°22	22°29	10°54	25°20	14°11	17°39	0°11	5°D39	5°29	29°10	n.a.	F 11
S 12	0 43 59	9°37'17	16°16	1°33	3°12	23°15	10°46	25°23	14°14	17°39	0°12	5°39	5°26	29°17	n.a.	S 12
S 13	0 47 55	10°38'01	28°19	2° 9	3° 0	24° 1	10°37	25°27	14°18	17°40	0°14	5°40	5°23	29°24	n.a.	S 13
M14	0 51 52	11°38'46	10♒13	2°40	2°45	24°48	10°29	25°30	14°21	17°40	0°15	5°40	5°19	29°30	n.a.	M14
T 15	0 55 49	12°39'32	22° 2	3° 3	2°28	25°34	10°21	25°34	14°24	17°40	0°17	5°41	5°16	29°37	n.a.	T 15
W16	0 59 45	13°40'20	3♓52	3°18	2° 9	26°20	10°13	25°37	14°27	17°40	0°18	5°42	5°13	29°44	n.a.	W16
T 17	1 3 42	14°41'09	15°44	3°R24	1°48	27° 6	10° 5	25°41	14°30	17°40	0°20	5°43	5°10	29°50	n.a.	T 17
F 18	1 7 38	15°41'59	27°43	3°21	1°24	27°52	9°57	25°45	14°34	17°41	0°21	5°43	5° 7	29°57	n.a.	F 18
S 19	1 11 35	16°42'50	9♈50	3° 8	0°58	28°39	9°48	25°49	14°37	17°41	0°23	5°R43	5° 3	0♓ 4	n.a.	S 19
S 20	1 15 31	17°43'42	22° 8	2°44	0°30	29°25	9°40	25°53	14°40	17°41	0°25	5°43	5° 0	0°10	n.a.	S 20
M21	1 19 28	18°44'36	4♉37	2°10	0° 1	0♐11	9°32	25°57	14°44	17°42	0°26	5°42	4°57	0°17	n.a.	M21
T 22	1 23 24	19°45'32	17°18	1°24	29♎29	0°58	9°24	26° 1	14°47	17°42	0°28	5°40	4°54	0°24	n.a.	T 22
W23	1 27 21	20°46'28	0♊13	0°29	28°57	1°44	9°17	26° 5	14°51	17°43	0°30	5°38	4°51	0°30	n.a.	W23
T 24	1 31 18	21°47'26	13°21	29♎24	28°23	2°30	9° 9	26°10	14°54	17°43	0°31	5°35	4°48	0°37	n.a.	T 24
F 25	1 35 14	22°48'26	26°43	28°11	27°48	3°17	9° 1	26°14	14°57	17°44	0°33	5°33	4°44	0°44	n.a.	F 25
S 26	1 39 11	23°49'27	10♋19	26°52	27°12	4° 3	8°53	26°19	15° 1	17°44	0°35	5°32	4°41	0°50	n.a.	S 26
S 27	1 43 7	24°50'29	24° 9	25°31	26°36	4°50	8°46	26°23	15° 4	17°45	0°37	5°D31	4°38	0°57	n.a.	S 27
M28	1 47 4	25°51'33	8♌13	24° 8	26° 0	5°37	8°38	26°28	15° 8	17°45	0°39	5°32	4°35	1° 4	n.a.	M28
T 29	1 51 0	26°52'38	22°30	22°48	25°24	6°23	8°31	26°32	15°11	17°46	0°40	5°33	4°32	1°10	n.a.	T 29
W30	1 54 57	27°53'44	6♍57	21°32	24°47	7°10	8°24	26°37	15°15	17°47	0°42	5°34	4°29	1°17	n.a.	W30
T 31	1 58 53	28♎54'52	21♍31	20♎24	24♎12	7♐57	8♈16	26♐42	15♏18	17♉48	0♐44	5♈36	4♈25	1♓24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	0n36	21n17	4n13	10s19	2s25	18s33	6s20	17s33	1s 3	3n27	1s35	23s50	0s 8	16s 1	0n11	22s59	0s21	17s42	2n49	2n17	2n25	15s18		n.a.
W 2	0 12	15 32	3 16	10 51	2 29	18 40	6 22	17 47	1 4	3 24	1 35	23 51	0 8	16 2	0 11	22 59	0 21	17 42	2 49	2 17	2 24	15 15		n.a.
T 3	0s13	8 50	2 4	11 22	2 32	18 45	6 23	18 1	1 4	3 21	1 35	23 51	0 8	16 3	0 11	22 59	0 21	17 43	2 49	2 17	2 23	15 12		n.a.
F 4	0 37	1 38	0 44	11 51	2 36	18 49	6 24	18 15	1 4	3 17	1 35	23 51	0 8	16 4	0 11	22 59	0 21	17 43	2 49	2 17	2 22	15 9		n.a.
S 5	1 2	5s36	0s38	12 19	2 38	18 52	6 25	18 28	1 5	3 14	1 35	23 51	0 8	16 5	0 11	22 59	0 21	17 44	2 49	2 17	2 20	15 6		n.a.
S 6	1 26	12 24	1 56	12 46	2 41	18 54	6 25	18 41	1 5	3 11	1 35	23 51	0 8	16 6	0 11	22 59	0 21	17 44	2 49	2 17	2 19	15 3		n.a.
M 7	1 51	18 23	3 5	13 10	2 42	18 54	6 24	18 55	1 6	3 8	1 35	23 51	0 8	16 7	0 11	22 59	0 21	17 44	2 48	2 17	2 18	15 0		n.a.
T 8	2 15	23 14	4 2	13 33	2 43	18 54	6 23	19 8	1 6	3 5	1 35	23 52	0 8	16 8	0 11	22 59	0 21	17 45	2 48	2 17	2 16	14 57		n.a.
W 9	2 39	26 42	4 43	13 54	2 44	18 51	6 22	19 20	1 6	3 2	1 35	23 52	0 8	16 9	0 11	22 59	0 21	17 45	2 48	2 17	2 15	14 54		n.a.
T 10	3 4	28 39	5 8	14 12	2 43	18 48	6 20	19 33	1 7	2 58	1 35	23 52	0 8	16 10	0 11	22 59	0 21	17 46	2 48	2 17	2 14	14 51		n.a.
F 11	3 28	29 2	5 17	14 28	2 42	18 43	6 17	19 45	1 7	2 55	1 35	23 52	0 8	16 11	0 11	22 59	0 21	17 46	2 48	2 17	2 13	14 48		n.a.
S 12	3 52	27 58	5 12	14 41	2 40	18 37	6 14	19 58	1 7	2 52	1 35	23 52	0 8	16 12	0 10	22 59	0 21	17 47	2 48	2 17	2 11	14 45		n.a.
S 13	4 16	25 36	4 53	14 51	2 37	18 29	6 10	20 10	1 8	2 49	1 35	23 52	0 9	16 13	0 10	22 59	0 21	17 47	2 47	2 17	2 10	14 41		n.a.
M14	4 40	22 9	4 22	14 58	2 32	18 19	6 6	20 22	1 8	2 46	1 35	23 53	0 9	16 14	0 10	22 59	0 21	17 48	2 47	2 17	2 9	14 38		n.a.
T 15	5 5	17 50	3 39	15 1	2 27	18 8	6 1	20 33	1 8	2 43	1 35	23 53	0 9	16 15	0 10	22 59	0 21	17 48	2 47	2 17	2 7	14 35		n.a.
W16	5 29	12 51	2 48	14 59	2 20	17 56	5 55	20 45	1 9	2 40	1 35	23 53	0 9	16 16	0 10	22 59	0 21	17 49	2 47	2 18	2 6	14 32		n.a.
T 17	5 52	7 22	1 49	14 54	2 12	17 42	5 48	20 56	1 9	2 36	1 34	23 53	0 9	16 16	0 10	22 59	0 21	17 49	2 47	2 18	2 5	14 29		n.a.
F 18	6 16	1 36	0 44	14 43	2 2	17 27	5 41	21 7	1 9	2 33	1 34	23 53	0 9	16 17	0 10	22 59	0 21	17 50	2 47	2 18	2 4	14 26		n.a.
S 19	6 40	4n18	0n23	14 28	1 50	17 10	5 33	21 18	1 9	2 30	1 34	23 54	0 9	16 18	0 10	22 59	0 21	17 50	2 46	2 18	2 2	14 23		n.a.
S 20	7 4	10 8	1 30	14 7	1 37	16 52	5 24	21 28	1 10	2 27	1 34	23 54	0 9	16 20	0 10	22 59	0 21	17 51	2 46	2 18	2 1	14 20		n.a.
M21	7 27	15 39	2 33	13 41	1 22	16 32	5 14	21 39	1 10	2 24	1 34	23 54	0 9	16 21	0 10	22 59	0 21	17 51	2 46	2 18	2 0	14 17		n.a.
T 22	7 51	20 37	3 30	13 10	1 6	16 11	5 4	21 49	1 10	2 21	1 34	23 54	0 9	16 22	0 10	22 58	0 21	17 52	2 46	2 17	1 59	14 14		n.a.
W23	8 14	24 42	4 18	12 33	0 48	15 49	4 53	21 59	1 11	2 18	1 34	23 54	0 9	16 23	0 10	22 58	0 21	17 52	2 46	2 16	1 57	14 11		n.a.
T 24	8 37	27 35	4 52	11 52	0 28	15 26	4 42	22 8	1 11	2 15	1 33	23 55	0 9	16 24	0 10	22 58	0 21	17 53	2 46	2 15	1 56	14 8		n.a.
F 25	9 0	28 58	5 12	11 7	0 8	15 2	4 30	22 18	1 11	2 12	1 33	23 55	0 9	16 25	0 10	22 58	0 21	17 53	2 46	2 14	1 55	14 5		n.a.
S 26	9 23	28 38	5 15	10 19	0n12	14 37	4 17	22 27	1 11	2 9	1 33	23 55	0 9	16 26	0 10	22 58	0 21	17 54	2 45	2 14	1 53	14 1		n.a.
S 27	9 46	26 31	4 59	9 30	0 33	14 11	4 3	22 36	1 11	2 6	1 33	23 55	0 10	16 27	0 10	22 58	0 21	17 54	2 45	2 14	1 52	13 58		n.a.
M28	10 9	22 46	4 26	8 41	0 53	13 45	3 50	22 45	1 12	2 4	1 33	23 55	0 10	16 28	0 10	22 58	0 21	17 55	2 45	2 14	1 51	13 55		n.a.
T 29	10 31	17 37	3 36	7 53	1 12	13 18	3 35	22 53	1 12	2 1	1 33	23 56	0 10	16 29	0 10	22 58	0 21	17 55	2 45	2 14	1 50	13 52		n.a.
W30	10 53	11 26	2 31	7 8	1 30	12 51	3 21	23 2	1 12	1 58	1 32	23 56	0 10	16 30	0 10	22 58	0 21	17 56	2 45	2 15	1 48	13 49		n.a.
T 31	11s15	4n35	1n17	6s27	1n46	12s24	3s 6	23s10	1s12	1n55	1s32	23s56	0s10	16s31	0n10	22s58	0s21	17s56	2n45	2n15	1n47	13s46		n.a.

Julian Day Number = 1372882.5, Delta T = 06h49m07s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°15'00, Lahiri = -17°08'00 Julian Calendar 1 Oct. 955 BCE == Greg. Calendar 22 Sept. 955 BCE

The year -954 astronomical counting style corresponds to year 955 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 955 BCE
geocentric

NOVEMBER 955 BCE (-954) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 2 50	29♎56'00	6♎ 6	19°R24	23°R37	8♐43	8°R 9	26♐47	15♏22	17♑48	0♐46	5°R36	4♈22	1♓30	n.a.	F 1
S 2	2 6 47	0♏57'10	20°39	18♎35	23♎ 3	9°30	8♈ 2	26°52	15°25	17°49	0°48	5♈35	4°19	1°37	n.a.	S 2
S 3	2 10 43	1°58'20	5♏ 1	17°57	22°30	10°17	7°55	26°57	15°29	17°50	0°50	5°33	4°16	1°44	n.a.	S 3
M 4	2 14 40	2°59'31	19° 8	17°31	21°59	11° 4	7°49	27° 2	15°33	17°51	0°52	5°30	4°13	1°50	n.a.	M 4
T 5	2 18 36	4° 0'43	2♐54	17°15	21°29	11°51	7°42	27° 7	15°36	17°52	0°53	5°25	4° 9	1°57	n.a.	T 5
W 6	2 22 33	5° 1'56	16°18	17°D11	21° 1	12°37	7°36	27°13	15°40	17°53	0°55	5°20	4° 6	2° 4	n.a.	W 6
T 7	2 26 29	6° 3'09	29°19	17°16	20°35	13°24	7°29	27°18	15°43	17°54	0°57	5°16	4° 3	2°10	n.a.	T 7
F 8	2 30 26	7° 4'23	11♑58	17°31	20°11	14°11	7°23	27°23	15°47	17°55	0°59	5°12	4° 0	2°17	n.a.	F 8
S 9	2 34 23	8° 5'37	24°17	17°55	19°49	14°58	7°17	27°29	15°51	17°56	1° 1	5° 9	3°57	2°24	n.a.	S 9
S 10	2 38 19	9° 6'51	6♒22	18°26	19°30	15°45	7°11	27°35	15°54	17°57	1° 3	5°D 8	3°54	2°30	n.a.	S 10
M11	2 42 16	10° 8'05	18°16	19° 4	19°13	16°32	7° 5	27°40	15°58	17°58	1° 5	5° 8	3°50	2°37	n.a.	M11
T 12	2 46 12	11° 9'20	0♓ 6	19°48	18°58	17°19	7° 0	27°46	16° 1	17°59	1° 7	5°10	3°47	2°44	n.a.	T 12
W13	2 50 9	12°10'34	11°55	20°38	18°45	18° 6	6°54	27°52	16° 5	18° 0	1° 9	5°12	3°44	2°50	n.a.	W13
T 14	2 54 5	13°11'49	23°49	21°32	18°36	18°53	6°49	27°57	16° 9	18° 1	1°11	5°13	3°41	2°57	n.a.	T 14
F 15	2 58 2	14°13'04	5♈52	22°31	18°28	19°40	6°44	28° 3	16°12	18° 2	1°13	5°R14	3°38	3° 4	n.a.	F 15
S 16	3 1 58	15°14'20	18° 8	23°34	18°23	20°27	6°39	28° 9	16°16	18° 4	1°15	5°13	3°34	3°10	n.a.	S 16
S 17	3 5 55	16°15'35	0♉39	24°40	18°D21	21°14	6°35	28°15	16°20	18° 5	1°17	5°10	3°31	3°17	n.a.	S 17
M18	3 9 52	17°16'51	13°27	25°48	18°21	22° 1	6°30	28°21	16°23	18° 6	1°19	5° 5	3°28	3°24	n.a.	M18
T 19	3 13 48	18°18'07	26°31	26°59	18°23	22°48	6°26	28°27	16°27	18° 8	1°21	4°58	3°25	3°30	n.a.	T 19
W20	3 17 45	19°19'23	9♊51	28°13	18°28	23°35	6°22	28°33	16°31	18° 9	1°23	4°50	3°22	3°37	n.a.	W20
T 21	3 21 41	20°20'39	23°25	29°28	18°36	24°22	6°18	28°39	16°34	18°10	1°26	4°42	3°19	3°44	n.a.	T 21
F 22	3 25 38	21°21'56	7♋10	0♏45	18°45	25° 9	6°14	28°46	16°38	18°12	1°28	4°35	3°15	3°50	n.a.	F 22
S 23	3 29 34	22°23'13	21° 3	2° 4	18°57	25°57	6°10	28°52	16°42	18°13	1°30	4°29	3°12	3°57	n.a.	S 23
S 24	3 33 31	23°24'30	5♌ 2	3°24	19°11	26°44	6° 7	28°58	16°45	18°15	1°32	4°25	3° 9	4° 4	n.a.	S 24
M25	3 37 28	24°25'48	19° 5	4°45	19°27	27°31	6° 4	29° 4	16°49	18°16	1°34	4°D24	3° 6	4°10	n.a.	M25
T 26	3 41 24	25°27'05	3♍11	6° 8	19°45	28°18	6° 1	29°11	16°52	18°18	1°36	4°24	3° 3	4°17	n.a.	T 26
W27	3 45 21	26°28'23	17°19	7°31	20° 6	29° 5	5°58	29°17	16°56	18°19	1°38	4°25	3° 0	4°24	n.a.	W27
T 28	3 49 17	27°29'41	1♎28	8°55	20°28	29°52	5°55	29°24	17° 0	18°21	1°40	4°R25	2°56	4°30	n.a.	T 28
F 29	3 53 14	28°30'59	15°35	10°20	20°52	0♑39	5°53	29°30	17° 3	18°22	1°42	4°25	2°53	4°37	n.a.	F 29
S 30	3 57 10	29♏32'17	29♎39	11♏46	21♎17	1♑26	5♈51	29♐37	17♏ 7	18♑24	1♐44	4♈22	2♈50	4♓44	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s37	2s30	0s 3	5s51	2n 0	11s56	2s50	23s17	1s12	1n53	1s32	23s56	0s10	16s32	0n10	22s58	0s21	17s57	2n45	2n15	1n46	13s43		n.a.
S 2	11 59	9 27	1 22	5 22	2 12	11 29	2 35	23 25	1 13	1 50	1 32	23 56	0 10	16 33	0 10	22 58	0 21	17 57	2 44	2 15	1 44	13 40		n.a.
S 3	12 21	15 49	2 35	4 58	2 22	11 2	2 19	23 32	1 13	1 48	1 31	23 57	0 10	16 34	0 10	22 57	0 21	17 58	2 44	2 14	1 43	13 36		n.a.
M 4	12 42	21 14	3 37	4 40	2 30	10 36	2 4	23 39	1 13	1 45	1 31	23 57	0 10	16 35	0 10	22 57	0 21	17 58	2 44	2 13	1 42	13 33		n.a.
T 5	13 3	25 23	4 24	4 29	2 36	10 10	1 48	23 46	1 13	1 43	1 31	23 57	0 10	16 36	0 10	22 57	0 21	17 59	2 44	2 11	1 41	13 30		n.a.
W 6	13 24	28 0	4 56	4 23	2 40	9 45	1 32	23 52	1 13	1 40	1 31	23 57	0 10	16 37	0 10	22 57	0 21	17 59	2 44	2 9	1 39	13 27		n.a.
T 7	13 45	29 0	5 11	4 23	2 42	9 21	1 17	23 58	1 13	1 38	1 30	23 57	0 10	16 38	0 10	22 57	0 21	18 0	2 44	2 7	1 38	13 24		n.a.
F 8	14 5	28 25	5 11	4 28	2 43	8 58	1 2	24 4	1 13	1 36	1 30	23 57	0 10	16 39	0 10	22 57	0 21	18 0	2 44	2 6	1 37	13 21		n.a.
S 9	14 25	26 26	4 56	4 38	2 43	8 35	0 47	24 10	1 13	1 34	1 30	23 58	0 10	16 41	0 10	22 57	0 21	18 1	2 43	2 5	1 36	13 18		n.a.
S 10	14 45	23 17	4 28	4 51	2 41	8 14	0 32	24 15	1 13	1 32	1 30	23 58	0 10	16 42	0 10	22 56	0 21	18 2	2 43	2 4	1 34	13 14		n.a.
M11	15 5	19 12	3 49	5 8	2 39	7 54	0 17	24 20	1 14	1 30	1 29	23 58	0 11	16 43	0 10	22 56	0 21	18 2	2 43	2 4	1 33	13 11		n.a.
T 12	15 24	14 25	3 0	5 28	2 36	7 35	0 3	24 25	1 14	1 28	1 29	23 58	0 11	16 44	0 10	22 56	0 21	18 3	2 43	2 5	1 32	13 8		n.a.
W13	15 44	9 6	2 4	5 51	2 32	7 18	0n11	24 30	1 14	1 26	1 29	23 58	0 11	16 45	0 10	22 56	0 21	18 3	2 43	2 6	1 30	13 5		n.a.
T 14	16 3	3 26	1 2	6 16	2 27	7 1	0 24	24 34	1 14	1 24	1 29	23 58	0 11	16 46	0 10	22 56	0 21	18 4	2 43	2 6	1 29	13 2		n.a.
F 15	16 21	2n25	0n 3	6 43	2 22	6 47	0 37	24 38	1 14	1 22	1 28	23 59	0 11	16 47	0 10	22 56	0 21	18 4	2 43	2 7	1 28	12 59		n.a.
S 16	16 40	8 17	1 10	7 11	2 16	6 33	0 50	24 41	1 14	1 20	1 28	23 59	0 11	16 48	0 10	22 56	0 21	18 5	2 43	2 6	1 27	12 55		n.a.
S 17	16 58	13 58	2 14	7 41	2 10	6 21	1 2	24 45	1 14	1 19	1 28	23 59	0 11	16 49	0 10	22 55	0 21	18 5	2 42	2 5	1 25	12 52		n.a.
M18	17 15	19 10	3 12	8 13	2 3	6 10	1 14	24 48	1 14	1 17	1 27	23 59	0 11	16 50	0 10	22 55	0 21	18 6	2 42	2 3	1 24	12 49		n.a.
T 19	17 33	23 36	4 2	8 45	1 56	6 1	1 25	24 51	1 14	1 16	1 27	23 59	0 11	16 51	0 10	22 55	0 21	18 6	2 42	2 0	1 23	12 46		n.a.
W20	17 50	26 52	4 39	9 18	1 50	5 53	1 36	24 53	1 14	1 14	1 27	23 59	0 11	16 52	0 10	22 55	0 21	18 7	2 42	1 57	1 21	12 43		n.a.
T 21	18 7	28 40	5 2	9 52	1 42	5 46	1 46	24 55	1 14	1 13	1 26	23 59	0 11	16 53	0 10	22 55	0 21	18 7	2 42	1 54	1 20	12 40		n.a.
F 22	18 23	28 44	5 7	10 26	1 35	5 41	1 56	24 57	1 14	1 12	1 26	24 0	0 11	16 54	0 10	22 54	0 21	18 8	2 42	1 51	1 19	12 36		n.a.
S 23	18 39	27 0	4 55	11 0	1 28	5 36	2 5	24 59	1 14	1 11	1 26	24 0	0 11	16 56	0 10	22 54	0 21	18 8	2 42	1 49	1 18	12 33		n.a.
S 24	18 55	23 35	4 25	11 35	1 20	5 34	2 14	25 0	1 14	1 10	1 25	24 0	0 11	16 57	0 10	22 54	0 21	18 9	2 42	1 47	1 16	12 30		n.a.
M25	19 10	18 48	3 39	12 10	1 13	5 32	2 23	25 1	1 14	1 9	1 25	24 0	0 11	16 58	0 10	22 54	0 21	18 9	2 42	1 46	1 15	12 27		n.a.
T 26	19 25	12 58	2 40	12 45	1 5	5 31	2 31	25 2	1 14	1 8	1 25	24 0	0 12	16 59	0 10	22 54	0 21	18 10	2 41	1 46	1 14	12 24		n.a.
W27	19 40	6 28	1 31	13 20	0 57	5 32	2 38	25 2	1 14	1 7	1 25	24 0	0 12	17 0	0 10	22 53	0 21	18 11	2 41	1 47	1 12	12 20		n.a.
T 28	19 54	0s21	0 16	13 54	0 50	5 34	2 45	25 2	1 14	1 6	1 24	24 0	0 12	17 1	0 10	22 53	0 21	18 11	2 41	1 47	1 11	12 17		n.a.
F 29	20 8	7 9	1s 0	14 29	0 42	5 37	2 52	25 2	1 14	1 5	1 24	24 0	0 12	17 2	0 10	22 53	0 21	18 12	2 41	1 47	1 10	12 14		n.a.
S 30	20s22	13s34	2s11	15s 3	0n35	5s40	2n59	25s 2	1s14	1n 5	1s24	24s 0	0s12	17s 3	0n10	22s53	0s21	18s12	2n41	1n46	1n 9	12s11		n.a.

Julian Day Number = 1372913.5, Delta T = 06h49m06s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°14'56, Lahiri = -17°07'56 Julian Calendar 1 Nov. 955 BCE == Greg. Calendar 23 Oct. 955 BCE

The year -954 astronomical counting style corresponds to year 955 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 955 BCE
geocentric

DECEMBER 955 BCE (-954) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 1 7	0♐33'34	13♏36	13♏13	21♎45	2♑13	5°R49	29♐43	17♏10	18♑26	1♐46	4°R17	2♈47	4♓50	n.a.	S 1
M 2	4 5 3	1°34'52	27°22	14°40	22°14	3° 1	5♈47	29°50	17°14	18°27	1°49	4♈ 9	2°44	4°57	n.a.	M 2
T 3	4 9 0	2°36'10	10♐55	16° 8	22°45	3°48	5°45	29°57	17°18	18°29	1°51	3°59	2°40	5° 4	n.a.	T 3
W 4	4 12 57	3°37'27	24°10	17°36	23°17	4°35	5°44	0♑ 4	17°21	18°31	1°53	3°48	2°37	5°10	n.a.	W 4
T 5	4 16 53	4°38'43	7♑ 6	19° 5	23°51	5°22	5°43	0°10	17°25	18°33	1°55	3°37	2°34	5°17	n.a.	T 5
F 6	4 20 50	5°39'59	19°43	20°35	24°26	6° 9	5°42	0°17	17°28	18°34	1°57	3°27	2°31	5°24	n.a.	F 6
S 7	4 24 46	6°41'14	2♒ 3	22° 5	25° 3	6°56	5°41	0°24	17°32	18°36	1°59	3°19	2°28	5°30	n.a.	S 7
S 8	4 28 43	7°42'28	14° 8	23°36	25°41	7°43	5°40	0°31	17°35	18°38	2° 1	3°13	2°25	5°37	n.a.	S 8
M 9	4 32 39	8°43'42	26° 3	25° 7	26°20	8°30	5°40	0°38	17°39	18°40	2° 3	3°10	2°21	5°44	n.a.	M 9
T 10	4 36 36	9°44'54	7♓52	26°38	27° 0	9°18	5°D40	0°45	17°42	18°42	2° 5	3°D 9	2°18	5°50	n.a.	T 10
W11	4 40 33	10°46'05	19°41	28°10	27°42	10° 5	5°40	0°51	17°46	18°44	2° 7	3°10	2°15	5°57	n.a.	W11
T 12	4 44 29	11°47'16	1♈34	29°43	28°24	10°52	5°40	0°58	17°49	18°45	2°10	3°R10	2°12	6° 4	n.a.	T 12
F 13	4 48 26	12°48'25	13°39	1♐16	29° 8	11°39	5°41	1° 5	17°52	18°47	2°12	3°10	2° 9	6°10	n.a.	F 13
S 14	4 52 22	13°49'34	25°59	2°50	29°53	12°26	5°41	1°12	17°56	18°49	2°14	3° 7	2° 6	6°17	n.a.	S 14
S 15	4 56 19	14°50'41	8♉38	4°24	0♏39	13°13	5°42	1°19	17°59	18°51	2°16	3° 2	2° 2	6°24	n.a.	S 15
M16	5 0 15	15°51'48	21°39	5°59	1°25	14° 0	5°43	1°26	18° 2	18°53	2°18	2°54	1°59	6°30	n.a.	M16
T 17	5 4 12	16°52'53	5♊ 3	7°34	2°13	14°47	5°45	1°34	18° 6	18°55	2°20	2°44	1°56	6°37	n.a.	T 17
W18	5 8 8	17°53'58	18°46	9°10	3° 1	15°34	5°46	1°41	18° 9	18°57	2°22	2°32	1°53	6°44	n.a.	W18
T 19	5 12 5	18°55'01	2♋48	10°47	3°51	16°21	5°48	1°48	18°12	18°59	2°24	2°20	1°50	6°50	n.a.	T 19
F 20	5 16 2	19°56'04	17° 1	12°24	4°41	17° 8	5°50	1°55	18°16	19° 1	2°26	2° 8	1°46	6°57	n.a.	F 20
S 21	5 19 58	20°57'05	1♌21	14° 2	5°32	17°55	5°52	2° 2	18°19	19° 3	2°28	1°59	1°43	7° 3	n.a.	S 21
S 22	5 23 55	21°58'06	15°42	15°40	6°23	18°42	5°54	2° 9	18°22	19° 5	2°30	1°52	1°40	7°10	n.a.	S 22
M23	5 27 51	22°59'06	29°59	17°19	7°16	19°28	5°57	2°16	18°25	19° 7	2°32	1°48	1°37	7°17	n.a.	M23
T 24	5 31 48	24° 0'05	14♍11	18°59	8° 9	20°15	6° 0	2°24	18°28	19°10	2°34	1°46	1°34	7°23	n.a.	T 24
W25	5 35 44	25° 1'03	28°15	20°39	9° 3	21° 2	6° 2	2°31	18°31	19°12	2°36	1°46	1°31	7°30	n.a.	W25
T 26	5 39 41	26° 2'00	12♎11	22°20	9°57	21°49	6° 6	2°38	18°35	19°14	2°38	1°46	1°27	7°37	n.a.	T 26
F 27	5 43 37	27° 2'56	25°58	24° 2	10°52	22°36	6° 9	2°45	18°38	19°16	2°40	1°44	1°24	7°43	n.a.	F 27
S 28	5 47 34	28° 3'52	9♏37	25°45	11°48	23°23	6°12	2°52	18°41	19°18	2°42	1°40	1°21	7°50	n.a.	S 28
S 29	5 51 31	29° 4'46	23° 8	27°28	12°44	24° 9	6°16	3° 0	18°44	19°20	2°44	1°33	1°18	7°57	n.a.	S 29
M30	5 55 27	0♑ 5'39	6♐28	29°12	13°41	24°56	6°20	3° 7	18°47	19°22	2°46	1°23	1°15	8° 3	n.a.	M30
T 31	5 59 24	1♑ 6'31	19♐38	0♑57	14♏38	25♑43	6♈24	3♑14	18♏50	19♑25	2♐48	1♈11	1♈12	8♓10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s35	19s14	3s14	15s37	0n27	5s45	3n 5	25s 1	1s14	1n 4	1s23	24s 1	0s12	17s 4	0n10	22s53	0s21	18s13	2n41	1n44	1n 7	12s 8			n.a.
M 2	20 48	23 50	4 4	16 10	0 20	5 51	3 10	25 0	1 13	1 4	1 23	24 1	0 12	17 5	0 10	22 52	0 21	18 13	2 41	1 40	1 6	12 4			n.a.
T 3	21 0	27 3	4 40	16 43	0 12	5 58	3 16	24 59	1 13	1 4	1 23	24 1	0 12	17 6	0 10	22 52	0 22	18 14	2 41	1 36	1 5	12 1			n.a.
W 4	21 12	28 40	5 0	17 16	0 5	6 5	3 21	24 57	1 13	1 3	1 22	24 1	0 12	17 7	0 10	22 52	0 22	18 14	2 41	1 32	1 3	11 58			n.a.
T 5	21 24	28 40	5 3	17 48	0s 2	6 13	3 25	24 55	1 13	1 3	1 22	24 1	0 12	17 8	0 10	22 52	0 22	18 15	2 41	1 27	1 2	11 55			n.a.
F 6	21 35	27 9	4 52	18 19	0 9	6 23	3 29	24 53	1 13	1 3	1 21	24 1	0 12	17 9	0 10	22 51	0 22	18 15	2 41	1 23	1 1	11 52			n.a.
S 7	21 46	24 20	4 27	18 50	0 16	6 32	3 33	24 50	1 13	1 3	1 21	24 1	0 12	17 10	0 10	22 51	0 22	18 16	2 40	1 20	1 0	11 48			n.a.
S 8	21 56	20 31	3 50	19 20	0 23	6 43	3 37	24 48	1 13	1 3	1 21	24 1	0 12	17 11	0 10	22 51	0 22	18 16	2 40	1 18	0 58	11 45			n.a.
M 9	22 6	15 55	3 4	19 49	0 29	6 54	3 40	24 45	1 13	1 3	1 20	24 1	0 12	17 12	0 10	22 51	0 22	18 17	2 40	1 17	0 57	11 42			n.a.
T 10	22 15	10 46	2 11	20 17	0 36	7 6	3 43	24 41	1 13	1 4	1 20	24 1	0 12	17 13	0 10	22 50	0 22	18 17	2 40	1 16	0 56	11 39			n.a.
W11	22 24	5 14	1 11	20 45	0 42	7 19	3 46	24 37	1 12	1 4	1 20	24 1	0 13	17 14	0 10	22 50	0 22	18 18	2 40	1 17	0 55	11 35			n.a.
T 12	22 33	0n30	0 8	21 12	0 49	7 32	3 48	24 34	1 12	1 4	1 19	24 1	0 13	17 15	0 10	22 50	0 22	18 18	2 40	1 17	0 53	11 32			n.a.
F 13	22 41	6 19	0n56	21 37	0 55	7 45	3 50	24 29	1 12	1 5	1 19	24 1	0 13	17 16	0 10	22 50	0 22	18 19	2 40	1 16	0 52	11 29			n.a.
S 14	22 49	12 1	1 58	22 2	1 0	7 59	3 52	24 25	1 12	1 6	1 19	24 1	0 13	17 17	0 10	22 49	0 22	18 19	2 40	1 16	0 51	11 26			n.a.
S 15	22 56	17 23	2 56	22 26	1 6	8 14	3 54	24 20	1 12	1 6	1 18	24 1	0 13	17 18	0 10	22 49	0 22	18 20	2 40	1 14	0 49	11 22			n.a.
M16	23 3	22 7	3 47	22 49	1 11	8 29	3 55	24 15	1 11	1 7	1 18	24 1	0 13	17 19	0 10	22 49	0 22	18 20	2 40	1 10	0 48	11 19			n.a.
T 17	23 9	25 50	4 27	23 10	1 17	8 44	3 56	24 10	1 11	1 8	1 18	24 1	0 13	17 20	0 10	22 48	0 22	18 21	2 40	1 6	0 47	11 16			n.a.
W18	23 15	28 11	4 52	23 31	1 22	9 0	3 57	24 4	1 11	1 9	1 17	24 1	0 13	17 21	0 10	22 48	0 22	18 21	2 40	1 1	0 46	11 13			n.a.
T 19	23 20	28 48	5 1	23 50	1 26	9 16	3 58	23 58	1 11	1 10	1 17	24 1	0 13	17 22	0 10	22 48	0 22	18 22	2 39	0 56	0 44	11 9			n.a.
F 20	23 25	27 31	4 51	24 8	1 31	9 33	3 58	23 52	1 11	1 11	1 17	24 1	0 13	17 23	0 10	22 48	0 22	18 22	2 39	0 52	0 43	11 6			n.a.
S 21	23 30	24 26	4 23	24 25	1 35	9 50	3 58	23 45	1 10	1 12	1 16	24 1	0 13	17 23	0 10	22 47	0 22	18 23	2 39	0 48	0 42	11 3			n.a.
S 22	23 34	19 50	3 38	24 40	1 39	10 7	3 58	23 39	1 10	1 13	1 16	24 1	0 13	17 24	0 10	22 47	0 22	18 23	2 39	0 45	0 40	11 0			n.a.
M23	23 37	14 8	2 39	24 54	1 43	10 24	3 58	23 32	1 10	1 14	1 16	24 1	0 13	17 25	0 10	22 47	0 22	18 23	2 39	0 44	0 39	10 56			n.a.
T 24	23 40	7 43	1 32	25 6	1 46	10 42	3 58	23 24	1 10	1 16	1 15	24 1	0 13	17 26	0 10	22 46	0 22	18 24	2 39	0 43	0 38	10 53			n.a.
W25	23 43	0 59	0 19	25 17	1 49	10 59	3 57	23 17	1 10	1 17	1 15	24 1	0 14	17 27	0 10	22 46	0 22	18 24	2 39	0 43	0 37	10 50			n.a.
T 26	23 45	5s43	0s55	25 27	1 52	11 17	3 57	23 9	1 9	1 19	1 15	24 1	0 14	17 28	0 10	22 46	0 22	18 25	2 39	0 43	0 35	10 46			n.a.
F 27	23 47	12 6	2 4	25 35	1 54	11 35	3 56	23 1	1 9	1 21	1 14	24 1	0 14	17 29	0 10	22 46	0 22	18 25	2 39	0 42	0 34	10 43			n.a.
S 28	23 48	17 51	3 6	25 41	1 56	11 54	3 55	22 53	1 9	1 22	1 14	24 1	0 14	17 30	0 10	22 45	0 22	18 26	2 39	0 41	0 33	10 40			n.a.
S 29	23 48	22 38	3 56	25 45	1 58	12 12	3 53	22 44	1 8	1 24	1 14	24 0	0 14	17 30	0 10	22 45	0 22	18 26	2 39	0 38	0 31	10 37			n.a.
M30	23 49	26 12	4 32	25 48	1 59	12 30	3 52	22 36	1 8	1 26	1 13	24 0	0 14	17 31	0 10	22 45	0 22	18 27	2 39	0 34	0 30	10 33			n.a.
T 31	23s48	28s17	4s54	25s49	2s 0	12s49	3n50	22s26	1s 8	1n28	1s13	24s 0	0s14	17s32	0n10	22s44	0s22	18s27	2n39	0n29	0n29	10s30			n.a.

Julian Day Number = 1372943.5, Delta T = 06h49m04s
Ecliptic obliquity = 23°48'42, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°14'52, Lahiri = -17°07'52 Julian Calendar 1 Dec. 955 BCE == Greg. Calendar 22 Nov. 955 BCE

The year -954 astronomical counting style corresponds to year 955 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 954 BCE
geocentric

JANUARY 954 BCE (-953) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 3 20	2♑ 7'21	2♑34	2♑42	15♏35	26♑30	6♈28	3♑21	18♏52	19♑27	2♐50	0°R57	1♈ 8	8♓17	n.a.	W 1
T 2	6 7 17	3° 8'10	15°17	4°28	16°34	27°16	6°33	3°29	18°55	19°29	2°51	0♈43	1° 5	8°23	n.a.	T 2
F 3	6 11 13	4° 8'58	27°45	6°15	17°32	28° 3	6°37	3°36	18°58	19°31	2°53	0°30	1° 2	8°30	n.a.	F 3
S 4	6 15 10	5° 9'43	9♒59	8° 3	18°31	28°50	6°42	3°43	19° 1	19°33	2°55	0°19	0°59	8°37	n.a.	S 4
S 5	6 19 7	6°10'28	22° 2	9°51	19°31	29°36	6°47	3°50	19° 4	19°36	2°57	0°11	0°56	8°43	n.a.	S 5
M 6	6 23 3	7°11'10	3♓55	11°40	20°31	0♒23	6°52	3°58	19° 7	19°38	2°59	0° 6	0°52	8°50	n.a.	M 6
T 7	6 27 0	8°11'50	15°42	13°29	21°31	1° 9	6°57	4° 5	19° 9	19°40	3° 1	0° 3	0°49	8°57	n.a.	T 7
W 8	6 30 56	9°12'29	27°30	15°19	22°32	1°56	7° 3	4°12	19°12	19°42	3° 2	0°D 2	0°46	9° 3	n.a.	W 8
T 9	6 34 53	10°13'05	9♈22	17° 9	23°33	2°42	7° 8	4°19	19°15	19°45	3° 4	0°R 3	0°43	9°10	n.a.	T 9
F 10	6 38 49	11°13'40	21°25	19° 0	24°34	3°29	7°14	4°27	19°17	19°47	3° 6	0° 2	0°40	9°17	n.a.	F 10
S 11	6 42 46	12°14'13	3♉44	20°51	25°36	4°15	7°20	4°34	19°20	19°49	3° 8	0° 0	0°37	9°23	n.a.	S 11
S 12	6 46 42	13°14'44	16°24	22°41	26°38	5° 2	7°26	4°41	19°22	19°51	3° 9	29♓56	0°33	9°30	n.a.	S 12
M13	6 50 39	14°15'13	29°29	24°32	27°40	5°48	7°33	4°48	19°25	19°54	3°11	29°49	0°30	9°37	n.a.	M13
T 14	6 54 36	15°15'40	13♊ 0	26°22	28°43	6°34	7°39	4°55	19°27	19°56	3°13	29°40	0°27	9°43	n.a.	T 14
W15	6 58 32	16°16'05	26°58	28°11	29°46	7°20	7°46	5° 2	19°30	19°58	3°14	29°29	0°24	9°50	n.a.	W15
T 16	7 2 29	17°16'28	11♋18	29°59	0♐49	8° 7	7°53	5°10	19°32	20° 0	3°16	29°18	0°21	9°57	n.a.	T 16
F 17	7 6 25	18°16'49	25°55	1♒46	1°53	8°53	8° 0	5°17	19°34	20° 3	3°18	29° 7	0°18	10° 3	n.a.	F 17
S 18	7 10 22	19°17'09	10♌42	3°30	2°57	9°39	8° 7	5°24	19°36	20° 5	3°19	28°58	0°14	10°10	n.a.	S 18
S 19	7 14 18	20°17'26	25°30	5°13	4° 1	10°25	8°14	5°31	19°39	20° 7	3°21	28°51	0°11	10°17	n.a.	S 19
M20	7 18 15	21°17'42	10♍11	6°53	5° 5	11°11	8°21	5°38	19°41	20°10	3°22	28°47	0° 8	10°23	n.a.	M20
T 21	7 22 11	22°17'56	24°41	8°30	6°10	11°57	8°29	5°45	19°43	20°12	3°24	28°D46	0° 5	10°30	n.a.	T 21
W22	7 26 8	23°18'09	8♎56	10° 2	7°15	12°43	8°37	5°52	19°45	20°14	3°25	28°46	0° 2	10°37	n.a.	W22
T 23	7 30 5	24°18'20	22°54	11°31	8°20	13°29	8°45	5°59	19°47	20°16	3°27	28°R47	29♓58	10°43	n.a.	T 23
F 24	7 34 1	25°18'29	6♏35	12°54	9°25	14°15	8°52	6° 6	19°49	20°19	3°28	28°46	29°55	10°50	n.a.	F 24
S 25	7 37 58	26°18'37	20° 2	14°11	10°30	15° 1	9° 1	6°13	19°51	20°21	3°30	28°44	29°52	10°56	n.a.	S 25
S 26	7 41 54	27°18'43	3♐14	15°23	11°36	15°47	9° 9	6°20	19°53	20°23	3°31	28°39	29°49	11° 3	n.a.	S 26
M27	7 45 51	28°18'47	16°14	16°28	12°42	16°33	9°17	6°27	19°55	20°25	3°33	28°31	29°46	11°10	n.a.	M27
T 28	7 49 47	29°18'49	29° 2	17°25	13°48	17°19	9°26	6°34	19°57	20°28	3°34	28°21	29°43	11°16	n.a.	T 28
W29	7 53 44	0♒18'50	11♑38	18°14	14°54	18° 4	9°34	6°41	19°59	20°30	3°35	28°10	29°39	11°23	n.a.	W29
T 30	7 57 40	1°18'48	24° 3	18°56	16° 1	18°50	9°43	6°48	20° 0	20°32	3°37	27°59	29°36	11°30	n.a.	T 30
F 31	8 1 37	2♒18'45	6♒17	19♒29	17♐ 7	19♒36	9♈52	6♑54	20♏ 2	20♑34	3♐38	27♓49	29♓33	11♓36	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23s48	28s47	5s 0	25s47	2s 0	13s 7	3n49	22s17	1s 8	1n30	1s13	24s 0	0s14	17s33	0n10	22s44	0s22	18s27	2n39	0n23	0n28	10s27			n.a.
T 2	23 46	27 43	4 50	25 44	2 0	13 26	3 47	22 8	1 7	1 32	1 12	24 0	0 14	17 34	0 10	22 44	0 22	18 28	2 39	0 17	0 26	10 23			n.a.
F 3	23 45	25 17	4 27	25 39	2 0	13 44	3 45	21 58	1 7	1 34	1 12	24 0	0 14	17 34	0 10	22 43	0 22	18 28	2 38	0 12	0 25	10 20			n.a.
S 4	23 43	21 44	3 52	25 32	1 59	14 2	3 43	21 48	1 7	1 36	1 12	24 0	0 14	17 35	0 10	22 43	0 22	18 29	2 38	0 8	0 24	10 17			n.a.
S 5	23 40	17 19	3 7	25 23	1 57	14 21	3 41	21 38	1 6	1 38	1 12	24 0	0 14	17 36	0 10	22 43	0 22	18 29	2 38	0 4	0 22	10 14			n.a.
M 6	23 37	12 18	2 14	25 12	1 55	14 39	3 38	21 27	1 6	1 41	1 11	24 0	0 14	17 37	0 10	22 42	0 22	18 29	2 38	0 2	0 21	10 10			n.a.
T 7	23 33	6 52	1 15	24 59	1 53	14 57	3 36	21 17	1 6	1 43	1 11	23 59	0 15	17 38	0 10	22 42	0 22	18 30	2 38	0 1	0 20	10 7			n.a.
W 8	23 29	1 13	0 13	24 44	1 49	15 15	3 33	21 6	1 5	1 46	1 11	23 59	0 15	17 38	0 10	22 42	0 22	18 30	2 38	0 1	0 19	10 4			n.a.
T 9	23 25	4n31	0n49	24 26	1 46	15 33	3 30	20 55	1 5	1 48	1 10	23 59	0 15	17 39	0 10	22 42	0 22	18 31	2 38	0 1	0 17	10 0			n.a.
F 10	23 20	10 11	1 51	24 6	1 41	15 51	3 28	20 44	1 5	1 51	1 10	23 59	0 15	17 40	0 10	22 41	0 22	18 31	2 38	0 1	0 16	9 57			n.a.
S 11	23 14	15 35	2 49	23 45	1 36	16 9	3 25	20 32	1 4	1 54	1 10	23 59	0 15	17 40	0 10	22 41	0 22	18 31	2 38	0 0	0 15	9 54			n.a.
S 12	23 8	20 30	3 40	23 21	1 30	16 26	3 22	20 20	1 4	1 56	1 9	23 59	0 15	17 41	0 10	22 41	0 22	18 32	2 38	0s 2	0 13	9 50			n.a.
M13	23 2	24 35	4 21	22 55	1 23	16 43	3 19	20 8	1 4	1 59	1 9	23 58	0 15	17 42	0 10	22 40	0 22	18 32	2 38	0 4	0 12	9 47			n.a.
T 14	22 55	27 29	4 49	22 27	1 16	17 0	3 15	19 56	1 3	2 2	1 9	23 58	0 15	17 43	0 10	22 40	0 22	18 33	2 38	0 8	0 11	9 44			n.a.
W15	22 48	28 48	5 1	21 58	1 8	17 17	3 12	19 44	1 3	2 5	1 8	23 58	0 15	17 43	0 10	22 40	0 22	18 33	2 38	0 12	0 10	9 40			n.a.
T 16	22 41	28 13	4 55	21 26	1 0	17 34	3 9	19 32	1 3	2 8	1 8	23 58	0 15	17 44	0 10	22 39	0 22	18 33	2 38	0 17	0 8	9 37			n.a.
F 17	22 32	25 42	4 30	20 53	0 50	17 50	3 5	19 19	1 2	2 11	1 8	23 58	0 15	17 44	0 10	22 39	0 22	18 34	2 38	0 21	0 7	9 34			n.a.
S 18	22 24	21 26	3 46	20 19	0 40	18 6	3 2	19 6	1 2	2 14	1 8	23 57	0 15	17 45	0 10	22 39	0 22	18 34	2 38	0 25	0 6	9 30			n.a.
S 19	22 15	15 50	2 47	19 43	0 29	18 22	2 58	18 53	1 1	2 17	1 7	23 57	0 16	17 46	0 10	22 38	0 22	18 34	2 38	0 28	0 5	9 27			n.a.
M20	22 6	9 22	1 37	19 7	0 17	18 37	2 55	18 40	1 1	2 20	1 7	23 57	0 16	17 46	0 10	22 38	0 22	18 35	2 38	0 29	0 3	9 24			n.a.
T 21	21 56	2 29	0 22	18 30	0 5	18 52	2 51	18 26	1 1	2 24	1 7	23 57	0 16	17 47	0 10	22 38	0 22	18 35	2 38	0 30	0 2	9 20			n.a.
W22	21 46	4s25	0s54	17 52	0n 8	19 7	2 47	18 13	1 0	2 27	1 6	23 57	0 16	17 47	0 10	22 37	0 22	18 35	2 38	0 30	0 1	9 17			n.a.
T 23	21 35	10 58	2 5	17 15	0 22	19 21	2 43	17 59	1 0	2 30	1 6	23 56	0 16	17 48	0 10	22 37	0 22	18 36	2 38	0 30	0s 1	9 14			n.a.
F 24	21 24	16 52	3 7	16 38	0 36	19 35	2 40	17 45	0 59	2 34	1 6	23 56	0 16	17 49	0 10	22 37	0 22	18 36	2 38	0 30	0 2	9 10			n.a.
S 25	21 13	21 50	3 58	16 2	0 50	19 48	2 36	17 31	0 59	2 37	1 6	23 56	0 16	17 49	0 10	22 36	0 22	18 36	2 38	0 31	0 3	9 7			n.a.
S 26	21 1	25 37	4 35	15 26	1 5	20 1	2 32	17 17	0 59	2 41	1 5	23 56	0 16	17 50	0 10	22 36	0 22	18 36	2 38	0 33	0 4	9 4			n.a.
M27	20 49	28 1	4 57	14 52	1 20	20 14	2 28	17 3	0 58	2 44	1 5	23 55	0 16	17 50	0 10	22 36	0 22	18 37	2 37	0 36	0 6	9 0			n.a.
T 28	20 37	28 52	5 4	14 21	1 35	20 26	2 24	16 48	0 58	2 48	1 5	23 55	0 16	17 51	0 10	22 35	0 22	18 37	2 37	0 40	0 7	8 57			n.a.
W29	20 24	28 12	4 56	13 51	1 50	20 38	2 20	16 33	0 57	2 52	1 5	23 55	0 16	17 51	0 10	22 35	0 22	18 37	2 37	0 44	0 8	8 54			n.a.
T 30	20 11	26 7	4 34	13 24	2 5	20 49	2 15	16 19	0 57	2 56	1 4	23 54	0 16	17 52	0 10	22 35	0 22	18 38	2 37	0 49	0 10	8 50			n.a.
F 31	19s57	22s51	3s59	13s 0	2n20	21s 0	2n11	16s 4	0s56	2n59	1s 4	23s54	0s17	17s52	0n10	22s34	0s22	18s38	2n37	0s53	0s11	8s47			n.a.

Julian Day Number = 1372974.5, Delta T = 06h49m03s
Ecliptic obliquity = 23°48'41, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°14'48, Lahiri = -17°07'47 Julian Calendar 1 Jan. 954 BCE == Greg. Calendar 23 Dec. 955 BCE

The year -953 astronomical counting style corresponds to year 954 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 954 BCE
geocentric

FEBRUARY 954 BCE (-953) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 5 34	3♒18'39	18♒22	19♒53	18♐14	20♒22	10♈ 1	7♑ 1	20♏ 4	20♑37	3♐39	27°R41	29♓30	11♓43	n.a.	S 1
S 2	8 9 30	4°18'31	0♓18	20° 8	19°21	21° 7	10°10	7° 8	20° 5	20°39	3°40	27♓34	29°27	11°50	n.a.	S 2
M 3	8 13 27	5°18'21	12° 8	20°R14	20°28	21°53	10°20	7°15	20° 7	20°41	3°42	27°31	29°24	11°56	n.a.	M 3
T 4	8 17 23	6°18'08	23°55	20°12	21°35	22°38	10°29	7°21	20° 8	20°43	3°43	27°D29	29°20	12° 3	n.a.	T 4
W 5	8 21 20	7°17'54	5♈42	20° 1	22°42	23°24	10°39	7°28	20°10	20°46	3°44	27°29	29°17	12°10	n.a.	W 5
T 6	8 25 16	8°17'37	17°33	19°41	23°50	24° 9	10°48	7°35	20°11	20°48	3°45	27°31	29°14	12°16	n.a.	T 6
F 7	8 29 13	9°17'17	29°35	19°15	24°57	24°54	10°58	7°41	20°13	20°50	3°46	27°32	29°11	12°23	n.a.	F 7
S 8	8 33 9	10°16'55	11♉51	18°41	26° 5	25°40	11° 8	7°48	20°14	20°52	3°47	27°R32	29° 8	12°30	n.a.	S 8
S 9	8 37 6	11°16'31	24°28	18° 1	27°13	26°25	11°18	7°54	20°15	20°54	3°48	27°31	29° 4	12°36	n.a.	S 9
M10	8 41 3	12°16'04	7♊29	17°15	28°21	27°10	11°28	8° 1	20°16	20°56	3°49	27°28	29° 1	12°43	n.a.	M10
T 11	8 44 59	13°15'35	20°58	16°26	29°29	27°55	11°38	8° 7	20°18	20°59	3°50	27°24	28°58	12°50	n.a.	T 11
W12	8 48 56	14°15'04	4♋55	15°34	0♑37	28°41	11°49	8°13	20°19	21° 1	3°51	27°18	28°55	12°56	n.a.	W12
T 13	8 52 52	15°14'30	19°20	14°40	1°45	29°26	11°59	8°20	20°20	21° 3	3°52	27°11	28°52	13° 3	n.a.	T 13
F 14	8 56 49	16°13'54	4♌ 7	13°45	2°54	0♓11	12°10	8°26	20°21	21° 5	3°53	27° 5	28°49	13°10	n.a.	F 14
S 15	9 0 45	17°13'15	19° 9	12°51	4° 2	0°56	12°20	8°32	20°22	21° 7	3°54	26°59	28°45	13°16	n.a.	S 15
S 16	9 4 42	18°12'35	4♍16	11°58	5°11	1°41	12°31	8°38	20°23	21° 9	3°55	26°56	28°42	13°23	n.a.	S 16
M17	9 8 38	19°11'52	19°20	11° 8	6°20	2°25	12°42	8°44	20°23	21°11	3°56	26°54	28°39	13°30	n.a.	M17
T 18	9 12 35	20°11'07	4♎11	10°22	7°28	3°10	12°53	8°50	20°24	21°13	3°57	26°D54	28°36	13°36	n.a.	T 18
W19	9 16 31	21°10'20	18°44	9°39	8°37	3°55	13° 4	8°56	20°25	21°15	3°57	26°55	28°33	13°43	n.a.	W19
T 20	9 20 28	22° 9'32	2♏56	9° 1	9°46	4°40	13°15	9° 2	20°26	21°17	3°58	26°57	28°30	13°49	n.a.	T 20
F 21	9 24 25	23° 8'41	16°44	8°28	10°55	5°25	13°26	9° 8	20°26	21°19	3°59	26°58	28°26	13°56	n.a.	F 21
S 22	9 28 21	24° 7'49	0♐11	8° 1	12° 5	6° 9	13°37	9°14	20°27	21°21	4° 0	26°R58	28°23	14° 3	n.a.	S 22
S 23	9 32 18	25° 6'55	13°18	7°39	13°14	6°54	13°49	9°20	20°27	21°23	4° 0	26°56	28°20	14° 9	n.a.	S 23
M24	9 36 14	26° 5'59	26° 6	7°24	14°23	7°38	14° 0	9°26	20°28	21°25	4° 1	26°53	28°17	14°16	n.a.	M24
T 25	9 40 11	27° 5'01	8♑40	7°13	15°33	8°23	14°12	9°31	20°28	21°27	4° 1	26°49	28°14	14°23	n.a.	T 25
W26	9 44 7	28° 4'01	21° 1	7°D 9	16°42	9° 7	14°23	9°37	20°29	21°29	4° 2	26°44	28°10	14°29	n.a.	W26
T 27	9 48 4	29° 2'59	3♒11	7°10	17°52	9°52	14°35	9°43	20°29	21°31	4° 2	26°40	28° 7	14°36	n.a.	T 27
F 28	9 52 0	0♓ 1'55	15♒13	7♒16	19♑ 1	10♓36	14♈47	9♑48	20♏29	21♑33	4♐ 3	26♓35	28♓ 4	14♓43	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s43	18s38	3s14	12s39	2n34	21s10	2n 7	15s48	0s56	3n 3	1s 4	23s54	0s17	17s53	0n10	22s34	0s22	18s38	2n37	0s56	0s12	8s44		n.a.
S 2	19 29	13 44	2 21	12 21	2 47	21 20	2 3	15 33	0 55	3 7	1 4	23 54	0 17	17 53	0 10	22 34	0 22	18 38	2 37	0 59	0 13	8 40		n.a.
M 3	19 14	8 22	1 22	12 7	3 0	21 29	1 59	15 18	0 55	3 11	1 3	23 53	0 17	17 53	0 10	22 33	0 22	18 39	2 37	1 0	0 15	8 37		n.a.
T 4	18 59	2 45	0 19	11 57	3 12	21 38	1 55	15 2	0 54	3 15	1 3	23 53	0 17	17 54	0 10	22 33	0 22	18 39	2 37	1 1	0 16	8 34		n.a.
W 5	18 44	2n58	0n44	11 51	3 22	21 46	1 50	14 47	0 54	3 19	1 3	23 53	0 17	17 54	0 10	22 33	0 22	18 39	2 37	1 1	0 17	8 30		n.a.
T 6	18 28	8 38	1 46	11 48	3 31	21 54	1 46	14 31	0 54	3 23	1 3	23 53	0 17	17 55	0 10	22 32	0 22	18 39	2 37	1 0	0 19	8 27		n.a.
F 7	18 12	14 3	2 45	11 50	3 38	22 1	1 42	14 15	0 53	3 27	1 2	23 52	0 17	17 55	0 10	22 32	0 22	18 40	2 37	1 0	0 20	8 24		n.a.
S 8	17 56	19 3	3 37	11 55	3 44	22 8	1 38	13 59	0 53	3 31	1 2	23 52	0 17	17 55	0 10	22 32	0 22	18 40	2 37	1 0	0 21	8 20		n.a.
S 9	17 40	23 22	4 20	12 4	3 48	22 14	1 33	13 43	0 52	3 35	1 2	23 52	0 17	17 56	0 10	22 31	0 22	18 40	2 37	1 0	0 22	8 17		n.a.
M10	17 23	26 41	4 51	12 15	3 50	22 19	1 29	13 27	0 52	3 40	1 2	23 51	0 17	17 56	0 10	22 31	0 22	18 40	2 37	1 1	0 24	8 13		n.a.
T 11	17 6	28 37	5 7	12 30	3 50	22 24	1 25	13 11	0 51	3 44	1 1	23 51	0 18	17 56	0 10	22 31	0 22	18 41	2 37	1 3	0 25	8 10		n.a.
W12	16 49	28 50	5 7	12 48	3 48	22 28	1 20	12 54	0 51	3 48	1 1	23 51	0 18	17 57	0 10	22 30	0 22	18 41	2 37	1 5	0 26	8 7		n.a.
T 13	16 31	27 7	4 47	13 7	3 44	22 32	1 16	12 38	0 50	3 53	1 1	23 50	0 18	17 57	0 10	22 30	0 22	18 41	2 37	1 8	0 28	8 3		n.a.
F 14	16 13	23 32	4 8	13 28	3 38	22 35	1 12	12 21	0 50	3 57	1 1	23 50	0 18	17 57	0 10	22 30	0 22	18 41	2 37	1 11	0 29	8 0		n.a.
S 15	15 55	18 20	3 11	13 51	3 31	22 37	1 8	12 5	0 49	4 1	1 0	23 50	0 18	17 57	0 10	22 29	0 22	18 41	2 37	1 13	0 30	7 57		n.a.
S 16	15 36	11 57	2 0	14 14	3 22	22 39	1 3	11 48	0 49	4 6	1 0	23 49	0 18	17 58	0 10	22 29	0 22	18 42	2 37	1 14	0 31	7 53		n.a.
M17	15 18	4 55	0 41	14 38	3 12	22 40	0 59	11 31	0 48	4 10	1 0	23 49	0 18	17 58	0 10	22 29	0 22	18 42	2 37	1 15	0 33	7 50		n.a.
T 18	14 59	2s18	0s40	15 2	3 0	22 41	0 55	11 14	0 48	4 15	1 0	23 49	0 18	17 58	0 10	22 29	0 22	18 42	2 37	1 15	0 34	7 46		n.a.
W19	14 40	9 14	1 56	15 25	2 47	22 41	0 51	10 57	0 47	4 19	1 0	23 49	0 18	17 58	0 10	22 28	0 22	18 42	2 37	1 15	0 35	7 43		n.a.
T 20	14 20	15 33	3 4	15 48	2 34	22 40	0 47	10 40	0 47	4 24	0 59	23 48	0 18	17 59	0 10	22 28	0 22	18 42	2 37	1 14	0 37	7 40		n.a.
F 21	14 1	20 55	3 59	16 11	2 20	22 39	0 43	10 23	0 46	4 28	0 59	23 48	0 19	17 59	0 10	22 28	0 22	18 42	2 37	1 14	0 38	7 36		n.a.
S 22	13 41	25 3	4 39	16 32	2 5	22 37	0 38	10 6	0 46	4 33	0 59	23 48	0 19	17 59	0 10	22 27	0 22	18 42	2 37	1 14	0 39	7 33		n.a.
S 23	13 21	27 46	5 4	16 52	1 51	22 34	0 34	9 49	0 45	4 38	0 59	23 47	0 19	17 59	0 10	22 27	0 22	18 43	2 37	1 14	0 40	7 29		n.a.
M24	13 1	28 58	5 13	17 10	1 36	22 31	0 30	9 31	0 45	4 42	0 59	23 47	0 19	17 59	0 10	22 27	0 22	18 43	2 37	1 15	0 42	7 26		n.a.
T 25	12 40	28 37	5 6	17 27	1 21	22 27	0 26	9 14	0 44	4 47	0 58	23 47	0 19	17 59	0 10	22 26	0 22	18 43	2 37	1 17	0 43	7 23		n.a.
W26	12 20	26 50	4 45	17 43	1 6	22 23	0 22	8 57	0 43	4 52	0 58	23 46	0 19	17 59	0 10	22 26	0 22	18 43	2 37	1 19	0 44	7 19		n.a.
T 27	11 59	23 49	4 12	17 57	0 51	22 18	0 18	8 39	0 43	4 57	0 58	23 46	0 19	17 59	0 10	22 26	0 22	18 43	2 37	1 21	0 45	7 16		n.a.
F 28	11s38	19s49	3s27	18s 9	0n37	22s12	0n15	8s21	0s42	5n 1	0s58	23s46	0s19	18s 0	0n10	22s26	0s22	18s43	2n37	1s23	0s47	7s12		n.a.

Julian Day Number = 1373005.5, Delta T = 06h49m01s
Ecliptic obliquity = 23°48'42, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°14'44, Lahiri = -17°07'43 Julian Calendar 1 Feb. 954 BCE == Greg. Calendar 23 Jan. 954 BCE

The year -953 astronomical counting style corresponds to year 954 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 954 BCE
geocentric

MARCH 954 BCE (-953) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 55 57	1♓ 0'49	27♒ 8	7♒28	20♑11	11♓21	14♈58	9♑54	20♏30	21♑35	4♐ 3	26°R31	28♓ 1	14♓49	n.a.	S 1
S 2	9 59 54	1°59'40	8♓58	7°44	21°21	12° 5	15°10	9°59	20°30	21°37	4° 4	26♓29	27°58	14°56	n.a.	S 2
M 3	10 3 50	2°58'30	20°45	8° 6	22°31	12°49	15°22	10° 4	20°30	21°39	4° 4	26°D28	27°55	15° 3	n.a.	M 3
T 4	10 7 47	3°57'17	2♈32	8°32	23°41	13°33	15°34	10° 9	20°30	21°40	4° 5	26°28	27°51	15° 9	n.a.	T 4
W 5	10 11 43	4°56'02	14°21	9° 3	24°50	14°17	15°47	10°15	20°R30	21°42	4° 5	26°29	27°48	15°16	n.a.	W 5
T 6	10 15 40	5°54'45	26°16	9°37	26° 1	15° 1	15°59	10°20	20°30	21°44	4° 5	26°30	27°45	15°23	n.a.	T 6
F 7	10 19 36	6°53'25	8♉20	10°16	27°11	15°45	16°11	10°25	20°30	21°46	4° 6	26°32	27°42	15°29	n.a.	F 7
S 8	10 23 33	7°52'04	20°37	10°58	28°21	16°29	16°23	10°30	20°30	21°47	4° 6	26°33	27°39	15°36	n.a.	S 8
S 9	10 27 29	8°50'40	3♊12	11°44	29°31	17°13	16°36	10°35	20°29	21°49	4° 6	26°R34	27°36	15°43	n.a.	S 9
M10	10 31 26	9°49'13	16° 9	12°34	0♒41	17°57	16°48	10°40	20°29	21°51	4° 6	26°34	27°32	15°49	n.a.	M10
T 11	10 35 22	10°47'45	29°31	13°26	1°51	18°41	17° 1	10°44	20°29	21°52	4° 6	26°33	27°29	15°56	n.a.	T 11
W12	10 39 19	11°46'14	13♋20	14°22	3° 2	19°25	17°13	10°49	20°29	21°54	4° 7	26°32	27°26	16° 2	n.a.	W12
T 13	10 43 16	12°44'41	27°36	15°21	4°12	20° 8	17°26	10°54	20°28	21°56	4° 7	26°30	27°23	16° 9	n.a.	T 13
F 14	10 47 12	13°43'05	12♌17	16°22	5°23	20°52	17°39	10°58	20°28	21°57	4° 7	26°28	27°20	16°16	n.a.	F 14
S 15	10 51 9	14°41'27	27°16	17°26	6°33	21°36	17°51	11° 3	20°27	21°59	4° 7	26°27	27°16	16°22	n.a.	S 15
S 16	10 55 5	15°39'48	12♍28	18°33	7°44	22°19	18° 4	11° 7	20°27	22° 0	4°R 7	26°26	27°13	16°29	n.a.	S 16
M17	10 59 2	16°38'06	27°41	19°43	8°54	23° 3	18°17	11°12	20°26	22° 2	4° 7	26°D26	27°10	16°36	n.a.	M17
T 18	11 2 58	17°36'22	12♎46	20°54	10° 5	23°46	18°30	11°16	20°25	22° 3	4° 7	26°26	27° 7	16°42	n.a.	T 18
W19	11 6 55	18°34'36	27°35	22° 9	11°15	24°30	18°43	11°20	20°25	22° 5	4° 7	26°27	27° 4	16°49	n.a.	W19
T 20	11 10 51	19°32'49	12♏ 2	23°25	12°26	25°13	18°56	11°24	20°24	22° 6	4° 7	26°27	27° 1	16°56	n.a.	T 20
F 21	11 14 48	20°31'00	26° 3	24°44	13°37	25°56	19° 9	11°28	20°23	22° 8	4° 6	26°28	26°57	17° 2	n.a.	F 21
S 22	11 18 45	21°29'10	9♐38	26° 4	14°48	26°40	19°22	11°32	20°22	22° 9	4° 6	26°28	26°54	17° 9	n.a.	S 22
S 23	11 22 41	22°27'18	22°48	27°27	15°59	27°23	19°35	11°36	20°22	22°10	4° 6	26°R28	26°51	17°16	n.a.	S 23
M24	11 26 38	23°25'25	5♑35	28°52	17°10	28° 6	19°48	11°40	20°21	22°12	4° 6	26°28	26°48	17°22	n.a.	M24
T 25	11 30 34	24°23'30	18° 3	0♓19	18°21	28°49	20° 2	11°44	20°20	22°13	4° 6	26°28	26°45	17°29	n.a.	T 25
W26	11 34 31	25°21'33	0♒16	1°48	19°32	29°32	20°15	11°47	20°19	22°14	4° 5	26°28	26°41	17°36	n.a.	W26
T 27	11 38 27	26°19'35	12°18	3°19	20°43	0♈15	20°28	11°51	20°18	22°15	4° 5	26°D28	26°38	17°42	n.a.	T 27
F 28	11 42 24	27°17'35	24°11	4°52	21°54	0°58	20°41	11°54	20°17	22°17	4° 5	26°28	26°35	17°49	n.a.	F 28
S 29	11 46 20	28°15'34	6♓ 0	6°27	23° 5	1°41	20°55	11°58	20°15	22°18	4° 4	26°28	26°32	17°55	n.a.	S 29
S 30	11 50 17	29°13'31	17°47	8° 3	24°16	2°24	21° 8	12° 1	20°14	22°19	4° 4	26°28	26°29	18° 2	n.a.	S 30
M31	11 54 13	0♈11'26	29♓35	9♓42	25♒27	3♈ 7	21♈22	12♑ 4	20♏13	22♑20	4♐ 3	26°R28	26♓26	18♓ 9	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s17	15s 4	2s34	18s19	0n23	22s 6	0n11	8s 4	0s42	5n 6	0s58	23s45	0s19	18s 0	0n10	22s25	0s23	18s43	2n37	1s24	0s48	7s 9		n.a.
S 2	10 56	9 48	1 35	18 28	0 9	21 58	0 7	7 46	0 41	5 11	0 57	23 45	0 19	18 0	0 10	22 25	0 23	18 43	2 37	1 25	0 49	7 6		n.a.
M 3	10 34	4 12	0 31	18 35	0s 4	21 51	0 3	7 29	0 41	5 16	0 57	23 45	0 20	18 0	0 10	22 25	0 23	18 44	2 37	1 26	0 51	7 2		n.a.
T 4	10 13	1n32	0n33	18 41	0 17	21 43	0s 1	7 11	0 40	5 21	0 57	23 45	0 20	18 0	0 10	22 24	0 23	18 44	2 37	1 26	0 52	6 59		n.a.
W 5	9 51	7 14	1 37	18 44	0 29	21 34	0 4	6 53	0 40	5 26	0 57	23 44	0 20	18 0	0 10	22 24	0 23	18 44	2 37	1 25	0 53	6 55		n.a.
T 6	9 29	12 44	2 37	18 46	0 41	21 24	0 8	6 35	0 39	5 31	0 57	23 44	0 20	18 0	0 10	22 24	0 23	18 44	2 37	1 25	0 54	6 52		n.a.
F 7	9 7	17 50	3 31	18 46	0 52	21 14	0 11	6 18	0 39	5 36	0 56	23 44	0 20	18 0	0 10	22 24	0 23	18 44	2 37	1 24	0 56	6 49		n.a.
S 8	8 45	22 18	4 17	18 45	1 2	21 3	0 15	6 0	0 38	5 41	0 56	23 43	0 20	18 0	0 10	22 23	0 23	18 44	2 37	1 24	0 57	6 45		n.a.
S 9	8 23	25 52	4 51	18 42	1 12	20 52	0 18	5 42	0 37	5 46	0 56	23 43	0 20	18 0	0 10	22 23	0 23	18 44	2 37	1 23	0 58	6 42		n.a.
M10	8 0	28 14	5 11	18 36	1 22	20 40	0 22	5 24	0 37	5 51	0 56	23 43	0 20	18 0	0 10	22 23	0 23	18 44	2 37	1 23	1 0	6 38		n.a.
T 11	7 38	29 5	5 16	18 30	1 31	20 28	0 25	5 6	0 36	5 56	0 56	23 42	0 20	17 59	0 10	22 23	0 23	18 44	2 37	1 24	1 1	6 35		n.a.
W12	7 15	28 9	5 3	18 21	1 39	20 15	0 28	4 48	0 36	6 1	0 56	23 42	0 20	17 59	0 10	22 22	0 23	18 44	2 37	1 24	1 2	6 32		n.a.
T 13	6 53	25 24	4 31	18 11	1 47	20 1	0 32	4 30	0 35	6 6	0 55	23 42	0 21	17 59	0 10	22 22	0 23	18 44	2 37	1 25	1 3	6 28		n.a.
F 14	6 30	20 55	3 41	17 59	1 54	19 47	0 35	4 12	0 35	6 11	0 55	23 42	0 21	17 59	0 10	22 22	0 23	18 44	2 37	1 25	1 5	6 25		n.a.
S 15	6 7	15 1	2 35	17 45	2 0	19 32	0 38	3 54	0 34	6 16	0 55	23 41	0 21	17 59	0 10	22 22	0 23	18 44	2 36	1 26	1 6	6 21		n.a.
S 16	5 44	8 10	1 17	17 30	2 6	19 17	0 41	3 36	0 34	6 21	0 55	23 41	0 21	17 59	0 10	22 21	0 23	18 44	2 36	1 26	1 7	6 18		n.a.
M17	5 21	0 50	0s 7	17 13	2 12	19 1	0 44	3 18	0 33	6 26	0 55	23 41	0 21	17 59	0 10	22 21	0 23	18 44	2 36	1 26	1 9	6 14		n.a.
T 18	4 58	6s29	1 29	16 54	2 17	18 45	0 47	3 0	0 32	6 31	0 55	23 41	0 21	17 59	0 10	22 21	0 23	18 44	2 36	1 26	1 10	6 11		n.a.
W19	4 35	13 20	2 45	16 34	2 21	18 28	0 50	2 42	0 32	6 36	0 55	23 40	0 21	17 58	0 10	22 21	0 23	18 44	2 36	1 26	1 11	6 8		n.a.
T 20	4 12	19 17	3 47	16 11	2 24	18 10	0 53	2 24	0 31	6 41	0 54	23 40	0 21	17 58	0 10	22 21	0 23	18 44	2 36	1 26	1 12	6 4		n.a.
F 21	3 49	24 0	4 34	15 48	2 28	17 53	0 55	2 6	0 31	6 47	0 54	23 40	0 21	17 58	0 10	22 20	0 23	18 44	2 36	1 26	1 14	6 1		n.a.
S 22	3 26	27 15	5 4	15 22	2 30	17 34	0 58	1 48	0 30	6 52	0 54	23 40	0 22	17 58	0 10	22 20	0 23	18 44	2 36	1 25	1 15	5 57		n.a.
S 23	3 2	28 53	5 17	14 55	2 32	17 15	1 0	1 30	0 29	6 57	0 54	23 39	0 22	17 57	0 10	22 20	0 23	18 44	2 36	1 25	1 16	5 54		n.a.
M24	2 39	28 55	5 14	14 26	2 33	16 56	1 3	1 13	0 29	7 2	0 54	23 39	0 22	17 57	0 10	22 20	0 23	18 44	2 36	1 25	1 18	5 50		n.a.
T 25	2 16	27 27	4 55	13 56	2 34	16 36	1 5	0 55	0 28	7 7	0 54	23 39	0 22	17 57	0 10	22 20	0 23	18 44	2 36	1 25	1 19	5 47		n.a.
W26	1 52	24 42	4 24	13 24	2 34	16 16	1 8	0 37	0 28	7 12	0 53	23 39	0 22	17 57	0 10	22 19	0 23	18 44	2 36	1 26	1 20	5 44		n.a.
T 27	1 29	20 55	3 42	12 50	2 34	15 55	1 10	0 19	0 27	7 18	0 53	23 39	0 22	17 56	0 10	22 19	0 23	18 44	2 36	1 26	1 21	5 40		n.a.
F 28	1 6	16 20	2 50	12 15	2 33	15 34	1 12	0 1	0 27	7 23	0 53	23 38	0 22	17 56	0 10	22 19	0 23	18 44	2 36	1 26	1 23	5 37		n.a.
S 29	0 42	11 10	1 51	11 38	2 32	15 12	1 14	0n17	0 26	7 28	0 53	23 38	0 22	17 56	0 10	22 19	0 23	18 44	2 36	1 26	1 24	5 33		n.a.
S 30	0 19	5 38	0 48	10 59	2 30	14 50	1 16	0 35	0 25	7 33	0 53	23 38	0 23	17 55	0 10	22 19	0 23	18 44	2 36	1 25	1 25	5 30		n.a.
M31	0n 5	0n 6	0n17	10s19	2s27	14s28	1s18	0n53	0s25	7n39	0s53	23s38	0s23	17s55	0n10	22s19	0s23	18s44	2n36	1s25	1s27	5s26		n.a.

Julian Day Number = 1373033.5, Delta T = 06h49m00s
Ecliptic obliquity = 23°48'42, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°14'40, Lahiri = -17°07'39 Julian Calendar 1 March 954 BCE == Greg. Calendar 20 Feb. 954 BCE

The year -953 astronomical counting style corresponds to year 954 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 954 BCE
geocentric

APRIL 954 BCE (-953) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 58 10	1♈ 9'20	11♈25	11♓23	26♒38	3♈49	21♈35	12♑ 7	20°R12	22♑21	4°R 3	26°R28	26♓22	18♓15	n.a.	T 1
W 2	12 2 7	2° 7'12	23°20	13° 5	27°49	4°32	21°49	12°10	20♏10	22°22	4♐ 2	26♓28	26°19	18°22	n.a.	W 2
T 3	12 6 3	3° 5'02	5♉23	14°50	29° 1	5°15	22° 2	12°13	20° 9	22°23	4° 2	26°27	26°16	18°29	n.a.	T 3
F 4	12 10 0	4° 2'50	17°36	16°36	0♓12	5°57	22°16	12°16	20° 8	22°24	4° 1	26°26	26°13	18°35	n.a.	F 4
S 5	12 13 56	5° 0'37	0♊ 0	18°24	1°23	6°40	22°29	12°19	20° 6	22°25	4° 1	26°25	26°10	18°42	n.a.	S 5
S 6	12 17 53	5°58'22	12°40	20°14	2°35	7°22	22°43	12°21	20° 5	22°26	4° 0	26°24	26° 7	18°49	n.a.	S 6
M 7	12 21 49	6°56'06	25°38	22° 7	3°46	8° 5	22°57	12°24	20° 3	22°27	4° 0	26°23	26° 3	18°55	n.a.	M 7
T 8	12 25 46	7°53'47	8♋56	24° 1	4°58	8°47	23°10	12°26	20° 1	22°28	3°59	26°D23	26° 0	19° 2	n.a.	T 8
W 9	12 29 42	8°51'27	22°36	25°57	6° 9	9°30	23°24	12°29	20° 0	22°29	3°58	26°23	25°57	19° 9	n.a.	W 9
T 10	12 33 39	9°49'05	6♌39	27°54	7°20	10°12	23°38	12°31	19°58	22°30	3°58	26°24	25°54	19°15	n.a.	T 10
F 11	12 37 36	10°46'41	21° 5	29°54	8°32	10°54	23°51	12°33	19°57	22°31	3°57	26°25	25°51	19°22	n.a.	F 11
S 12	12 41 32	11°44'16	5♍50	1♈55	9°43	11°36	24° 5	12°35	19°55	22°31	3°56	26°26	25°47	19°29	n.a.	S 12
S 13	12 45 29	12°41'49	20°49	3°59	10°55	12°19	24°19	12°37	19°53	22°32	3°55	26°R27	25°44	19°35	n.a.	S 13
M14	12 49 25	13°39'20	5♎55	6° 3	12° 7	13° 1	24°33	12°39	19°51	22°33	3°54	26°27	25°41	19°42	n.a.	M14
T 15	12 53 22	14°36'50	20°58	8° 9	13°18	13°43	24°46	12°41	19°49	22°33	3°54	26°26	25°38	19°48	n.a.	T 15
W16	12 57 18	15°34'19	5♏51	10°17	14°30	14°25	25° 0	12°43	19°48	22°34	3°53	26°24	25°35	19°55	n.a.	W16
T 17	13 1 15	16°31'47	20°26	12°26	15°41	15° 7	25°14	12°45	19°46	22°35	3°52	26°21	25°32	20° 2	n.a.	T 17
F 18	13 5 11	17°29'14	4♐36	14°36	16°53	15°49	25°28	12°46	19°44	22°35	3°51	26°19	25°28	20° 8	n.a.	F 18
S 19	13 9 8	18°26'40	18°19	16°46	18° 5	16°30	25°42	12°48	19°42	22°36	3°50	26°16	25°25	20°15	n.a.	S 19
S 20	13 13 5	19°24'05	1♑35	18°57	19°17	17°12	25°56	12°49	19°40	22°36	3°49	26°14	25°22	20°22	n.a.	S 20
M21	13 17 1	20°21'29	14°26	21° 9	20°28	17°54	26° 9	12°50	19°38	22°37	3°48	26°13	25°19	20°28	n.a.	M21
T 22	13 20 58	21°18'53	26°55	23°20	21°40	18°36	26°23	12°51	19°36	22°37	3°47	26°D13	25°16	20°35	n.a.	T 22
W23	13 24 54	22°16'15	9♒ 6	25°32	22°52	19°17	26°37	12°52	19°34	22°38	3°46	26°14	25°13	20°42	n.a.	W23
T 24	13 28 51	23°13'37	21° 5	27°42	24° 4	19°59	26°51	12°53	19°32	22°38	3°45	26°15	25° 9	20°48	n.a.	T 24
F 25	13 32 47	24°10'57	2♓55	29°52	25°16	20°41	27° 5	12°54	19°30	22°38	3°44	26°17	25° 6	20°55	n.a.	F 25
S 26	13 36 44	25° 8'17	14°42	2♉ 1	26°28	21°22	27°19	12°55	19°28	22°39	3°43	26°19	25° 3	21° 2	n.a.	S 26
S 27	13 40 40	26° 5'36	26°29	4° 9	27°40	22° 4	27°33	12°56	19°25	22°39	3°42	26°R19	25° 0	21° 8	n.a.	S 27
M28	13 44 37	27° 2'55	8♈19	6°15	28°52	22°45	27°47	12°56	19°23	22°39	3°41	26°18	24°57	21°15	n.a.	M28
T 29	13 48 34	28° 0'12	20°16	8°20	0♈ 4	23°26	28° 0	12°57	19°21	22°40	3°40	26°16	24°53	21°21	n.a.	T 29
W30	13 52 30	28♈57'29	2♉22	10♉23	1♈16	24♈ 8	28♈14	12♑57	19♏19	22♑40	3♐39	26♓13	24♓50	21♓28	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n28	5n50	1n22	9s37	2s24	14s 5	1s20	1n10	0s24	7n44	0s53	23s38	0s23	17s55	0n10	22s18	0s23	18s44	2n36	1s26	1s28	5s23		n.a.
W 2	0 51	11 25	2 24	8 54	2 20	13 42	1 22	1 28	0 24	7 49	0 53	23 37	0 23	17 54	0 10	22 18	0 23	18 44	2 36	1 26	1 29	5 19		n.a.
T 3	1 15	16 39	3 20	8 9	2 16	13 18	1 24	1 46	0 23	7 54	0 52	23 37	0 23	17 54	0 10	22 18	0 23	18 44	2 36	1 26	1 30	5 16		n.a.
F 4	1 38	21 17	4 7	7 22	2 11	12 54	1 25	2 4	0 22	7 59	0 52	23 37	0 23	17 54	0 10	22 18	0 23	18 44	2 36	1 26	1 32	5 13		n.a.
S 5	2 1	25 5	4 44	6 34	2 5	12 30	1 27	2 21	0 22	8 5	0 52	23 37	0 23	17 53	0 10	22 18	0 23	18 44	2 36	1 27	1 33	5 9		n.a.
S 6	2 24	27 45	5 8	5 45	2 0	12 5	1 29	2 39	0 21	8 10	0 52	23 37	0 23	17 53	0 10	22 18	0 23	18 43	2 36	1 27	1 34	5 6		n.a.
M 7	2 48	29 1	5 17	4 54	1 53	11 40	1 30	2 56	0 21	8 15	0 52	23 37	0 24	17 52	0 10	22 18	0 23	18 43	2 36	1 27	1 35	5 2		n.a.
T 8	3 11	28 39	5 9	4 2	1 46	11 15	1 31	3 14	0 20	8 20	0 52	23 37	0 24	17 52	0 10	22 17	0 23	18 43	2 36	1 28	1 37	4 59		n.a.
W 9	3 34	26 34	4 45	3 9	1 39	10 50	1 33	3 31	0 19	8 26	0 52	23 37	0 24	17 52	0 10	22 17	0 23	18 43	2 36	1 27	1 38	4 55		n.a.
T 10	3 57	22 48	4 2	2 14	1 31	10 24	1 34	3 49	0 19	8 31	0 52	23 36	0 24	17 51	0 10	22 17	0 23	18 43	2 36	1 27	1 39	4 52		n.a.
F 11	4 20	17 35	3 4	1 18	1 22	9 58	1 35	4 6	0 18	8 36	0 51	23 36	0 24	17 51	0 10	22 17	0 23	18 43	2 36	1 27	1 41	4 48		n.a.
S 12	4 43	11 14	1 52	0 21	1 14	9 31	1 36	4 23	0 18	8 41	0 51	23 36	0 24	17 50	0 10	22 17	0 23	18 43	2 36	1 26	1 42	4 45		n.a.
S 13	5 5	4 10	0 31	0n37	1 5	9 4	1 37	4 41	0 17	8 47	0 51	23 36	0 24	17 50	0 10	22 17	0 24	18 43	2 36	1 26	1 43	4 42		n.a.
M14	5 28	3s11	0s52	1 36	0 55	8 38	1 38	4 58	0 16	8 52	0 51	23 36	0 24	17 49	0 10	22 17	0 24	18 43	2 36	1 26	1 44	4 38		n.a.
T 15	5 51	10 20	2 12	2 36	0 45	8 10	1 39	5 15	0 16	8 57	0 51	23 36	0 25	17 49	0 10	22 17	0 24	18 43	2 36	1 26	1 46	4 35		n.a.
W16	6 13	16 50	3 21	3 36	0 35	7 43	1 39	5 32	0 15	9 2	0 51	23 36	0 25	17 48	0 10	22 17	0 24	18 42	2 36	1 27	1 47	4 31		n.a.
T 17	6 36	22 14	4 16	4 36	0 25	7 15	1 40	5 49	0 15	9 7	0 51	23 36	0 25	17 48	0 10	22 17	0 24	18 42	2 36	1 28	1 48	4 28		n.a.
F 18	6 58	26 11	4 53	5 37	0 14	6 48	1 40	6 6	0 14	9 13	0 51	23 36	0 25	17 47	0 10	22 16	0 24	18 42	2 36	1 29	1 50	4 24		n.a.
S 19	7 20	28 28	5 12	6 38	0 4	6 20	1 41	6 23	0 13	9 18	0 51	23 36	0 25	17 47	0 10	22 16	0 24	18 42	2 36	1 30	1 51	4 21		n.a.
S 20	7 42	29 2	5 14	7 39	0n 7	5 51	1 41	6 40	0 13	9 23	0 51	23 36	0 25	17 46	0 10	22 16	0 24	18 42	2 35	1 31	1 52	4 17		n.a.
M21	8 4	27 59	4 59	8 39	0 17	5 23	1 42	6 56	0 12	9 28	0 50	23 36	0 25	17 46	0 10	22 16	0 24	18 42	2 35	1 32	1 53	4 14		n.a.
T 22	8 26	25 32	4 31	9 38	0 28	4 54	1 42	7 13	0 12	9 33	0 50	23 36	0 25	17 45	0 10	22 16	0 24	18 42	2 35	1 32	1 55	4 10		n.a.
W23	8 48	21 58	3 51	10 36	0 38	4 26	1 42	7 30	0 11	9 39	0 50	23 36	0 26	17 45	0 10	22 16	0 24	18 41	2 35	1 31	1 56	4 7		n.a.
T 24	9 10	17 33	3 2	11 34	0 48	3 57	1 42	7 46	0 10	9 44	0 50	23 36	0 26	17 44	0 10	22 16	0 24	18 41	2 35	1 31	1 57	4 3		n.a.
F 25	9 31	12 32	2 5	12 30	0 58	3 28	1 42	8 3	0 10	9 49	0 50	23 36	0 26	17 43	0 10	22 16	0 24	18 41	2 35	1 30	1 59	4 0		n.a.
S 26	9 53	7 5	1 3	13 24	1 7	2 59	1 42	8 19	0 9	9 54	0 50	23 36	0 26	17 43	0 10	22 16	0 24	18 41	2 35	1 29	2 0	3 57		n.a.
S 27	10 14	1 24	0n 1	14 17	1 15	2 30	1 42	8 35	0 9	9 59	0 50	23 36	0 26	17 42	0 10	22 16	0 24	18 41	2 35	1 29	2 1	3 53		n.a.
M28	10 35	4n21	1 5	15 8	1 24	2 1	1 42	8 51	0 8	10 4	0 50	23 36	0 26	17 42	0 10	22 16	0 24	18 41	2 35	1 29	2 2	3 50		n.a.
T 29	10 56	10 0	2 7	15 56	1 31	1 31	1 41	9 8	0 7	10 9	0 50	23 36	0 26	17 41	0 10	22 16	0 24	18 41	2 35	1 30	2 4	3 46		n.a.
W30	11n16	15n21	3n 4	16n43	1n38	1s 2	1s41	9n24	0s 7	10n14	0s50	23s37	0s26	17s40	0n10	22s16	0s24	18s40	2n35	1s32	2s 5	3s43		n.a.

Julian Day Number = 1373064.5, Delta T = 06h48m58s
Ecliptic obliquity = 23°48'43, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°14'36, Lahiri = -17°07'35 Julian Calendar 1 Apr. 954 BCE == Greg. Calendar 23 March 954 BCE

The year -953 astronomical counting style corresponds to year 954 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 954 BCE
geocentric

MAY 954 BCE (-953) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 56 27	29♈54'45	14♉37	12♉24	2♈28	24♈49	28♈28	12♋57	19°R16	22♋40	3°R37	26°R 8	24♓47	21♓35	n.a.	T 1
F 2	14 0 23	0♉52'00	27° 4	14°22	3°40	25°30	28°42	12°57	19♏14	22°40	3♐36	26♓ 2	24°44	21°41	n.a.	F 2
S 3	14 4 20	1°49'14	9♊44	16°19	4°52	26°12	28°56	12°R58	19°12	22°40	3°35	25°56	24°41	21°48	n.a.	S 3
S 4	14 8 16	2°46'28	22°37	18°13	6° 4	26°53	29°10	12°58	19°10	22°40	3°34	25°50	24°38	21°55	n.a.	S 4
M 5	14 12 13	3°43'40	5♋44	20° 5	7°17	27°34	29°24	12°57	19° 7	22°R40	3°33	25°46	24°34	22° 1	n.a.	M 5
T 6	14 16 9	4°40'52	19° 6	21°54	8°29	28°15	29°38	12°57	19° 5	22°40	3°31	25°43	24°31	22° 8	n.a.	T 6
W 7	14 20 6	5°38'02	2♌44	23°41	9°41	28°56	29°51	12°57	19° 3	22°40	3°30	25°D42	24°28	22°15	n.a.	W 7
T 8	14 24 3	6°35'12	16°38	25°25	10°53	29°37	0♉ 5	12°56	19° 0	22°40	3°29	25°43	24°25	22°21	n.a.	T 8
F 9	14 27 59	7°32'21	0♍49	27° 7	12° 5	0♉18	0°19	12°56	18°58	22°40	3°27	25°44	24°22	22°28	n.a.	F 9
S 10	14 31 56	8°29'28	15°16	28°47	13°18	0°59	0°33	12°55	18°55	22°40	3°26	25°45	24°18	22°35	n.a.	S 10
S 11	14 35 52	9°26'36	29°54	0♊24	14°30	1°39	0°47	12°55	18°53	22°40	3°25	25°R45	24°15	22°41	n.a.	S 11
M12	14 39 49	10°23'42	14♎41	1°58	15°42	2°20	1° 0	12°54	18°51	22°39	3°23	25°44	24°12	22°48	n.a.	M12
T 13	14 43 45	11°20'48	29°28	3°30	16°55	3° 1	1°14	12°53	18°48	22°39	3°22	25°40	24° 9	22°55	n.a.	T 13
W14	14 47 42	12°17'53	14♏10	4°59	18° 7	3°42	1°28	12°52	18°46	22°39	3°21	25°35	24° 6	23° 1	n.a.	W14
T 15	14 51 39	13°14'58	28°38	6°26	19°19	4°22	1°42	12°51	18°43	22°39	3°19	25°28	24° 3	23° 8	n.a.	T 15
F 16	14 55 35	14°12'03	12♐46	7°50	20°32	5° 3	1°55	12°50	18°41	22°38	3°18	25°21	23°59	23°14	n.a.	F 16
S 17	14 59 32	15° 9'08	26°31	9°11	21°44	5°44	2° 9	12°48	18°39	22°38	3°17	25°13	23°56	23°21	n.a.	S 17
S 18	15 3 28	16° 6'13	9♑49	10°30	22°57	6°24	2°23	12°47	18°36	22°38	3°15	25° 7	23°53	23°28	n.a.	S 18
M19	15 7 25	17° 3'17	22°43	11°46	24° 9	7° 5	2°36	12°45	18°34	22°37	3°14	25° 2	23°50	23°34	n.a.	M19
T 20	15 11 21	18° 0'22	5♒14	12°59	25°22	7°45	2°50	12°44	18°31	22°37	3°12	24°59	23°47	23°41	n.a.	T 20
W21	15 15 18	18°57'27	17°26	14°10	26°34	8°25	3° 4	12°42	18°29	22°36	3°11	24°D59	23°44	23°48	n.a.	W21
T 22	15 19 14	19°54'32	29°25	15°17	27°47	9° 6	3°17	12°40	18°26	22°36	3° 9	24°59	23°40	23°54	n.a.	T 22
F 23	15 23 11	20°51'37	11♓15	16°21	29° 0	9°46	3°31	12°39	18°24	22°35	3° 8	25° 0	23°37	24° 1	n.a.	F 23
S 24	15 27 8	21°48'42	23° 3	17°23	0♉12	10°26	3°44	12°37	18°21	22°35	3° 7	25°R 1	23°34	24° 8	n.a.	S 24
S 25	15 31 4	22°45'47	4♈52	18°21	1°25	11° 7	3°58	12°35	18°19	22°34	3° 5	25° 0	23°31	24°14	n.a.	S 25
M26	15 35 1	23°42'52	16°47	19°16	2°38	11°47	4°11	12°33	18°17	22°33	3° 4	24°58	23°28	24°21	n.a.	M26
T 27	15 38 57	24°39'58	28°52	20° 7	3°51	12°27	4°25	12°30	18°14	22°33	3° 2	24°53	23°24	24°28	n.a.	T 27
W28	15 42 54	25°37'04	11♉ 9	20°55	5° 3	13° 7	4°38	12°28	18°12	22°32	3° 1	24°46	23°21	24°34	n.a.	W28
T 29	15 46 50	26°34'10	23°40	21°40	6°16	13°47	4°51	12°26	18° 9	22°31	2°59	24°37	23°18	24°41	n.a.	T 29
F 30	15 50 47	27°31'17	6♊25	22°21	7°29	14°27	5° 5	12°23	18° 7	22°30	2°58	24°26	23°15	24°47	n.a.	F 30
S 31	15 54 44	28♉28'23	19♊25	22♊58	8♉42	15♉ 7	5♉18	12♋21	18♏ 4	22♋30	2♐56	24♓15	23♓12	24♓54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11n37	20n11	3n54	17n27	1n45	0s32	1s41	9n40	0s 6	10n20	0s50	23s37	0s27	17s40	0n10	22s16	0s24	18s40	2n35	1s34	2s 6	3s39			n.a.
F 2	11 57	24 13	4 32	18 9	1 51	0 3	1 40	9 55	0 6	10 25	0 49	23 37	0 27	17 39	0 10	22 16	0 24	18 40	2 35	1 36	2 7	3 36			n.a.
S 3	12 17	27 10	4 59	18 49	1 56	0n27	1 40	10 11	0 5	10 30	0 49	23 37	0 27	17 39	0 10	22 16	0 24	18 40	2 35	1 38	2 9	3 32			n.a.
S 4	12 37	28 46	5 10	19 26	2 0	0 56	1 39	10 27	0 4	10 35	0 49	23 37	0 27	17 38	0 9	22 16	0 24	18 40	2 35	1 41	2 10	3 29			n.a.
M 5	12 57	28 47	5 6	20 1	2 4	1 26	1 38	10 42	0 4	10 40	0 49	23 37	0 27	17 37	0 9	22 16	0 24	18 39	2 35	1 42	2 11	3 25			n.a.
T 6	13 17	27 8	4 46	20 34	2 7	1 55	1 37	10 58	0 3	10 45	0 49	23 37	0 27	17 37	0 9	22 16	0 24	18 39	2 35	1 44	2 13	3 22			n.a.
W 7	13 36	23 53	4 9	21 4	2 9	2 25	1 37	11 13	0 3	10 50	0 49	23 37	0 27	17 36	0 9	22 16	0 24	18 39	2 35	1 44	2 14	3 18			n.a.
T 8	13 55	19 12	3 16	21 32	2 11	2 55	1 36	11 29	0 2	10 55	0 49	23 38	0 28	17 35	0 9	22 16	0 24	18 39	2 35	1 44	2 15	3 15			n.a.
F 9	14 14	13 23	2 11	21 57	2 12	3 24	1 35	11 44	0 1	11 0	0 49	23 38	0 28	17 35	0 9	22 16	0 24	18 39	2 34	1 43	2 16	3 11			n.a.
S 10	14 33	6 46	0 57	22 20	2 12	3 54	1 34	11 59	0 1	11 5	0 49	23 38	0 28	17 34	0 9	22 16	0 24	18 39	2 34	1 43	2 18	3 8			n.a.
S 11	14 52	0s18	0s23	22 41	2 11	4 23	1 33	12 14	0 0	11 10	0 49	23 38	0 28	17 33	0 9	22 16	0 24	18 38	2 34	1 43	2 19	3 5			n.a.
M12	15 10	7 25	1 41	23 0	2 10	4 52	1 31	12 29	0n 0	11 15	0 49	23 38	0 28	17 33	0 9	22 16	0 24	18 38	2 34	1 43	2 20	3 1			n.a.
T 13	15 28	14 8	2 52	23 16	2 8	5 22	1 30	12 43	0 1	11 20	0 49	23 39	0 28	17 32	0 9	22 16	0 24	18 38	2 34	1 45	2 22	2 58			n.a.
W14	15 46	20 1	3 51	23 31	2 5	5 51	1 29	12 58	0 2	11 24	0 49	23 39	0 28	17 31	0 9	22 17	0 24	18 38	2 34	1 47	2 23	2 54			n.a.
T 15	16 4	24 38	4 35	23 43	2 2	6 20	1 28	13 13	0 2	11 29	0 49	23 39	0 28	17 31	0 9	22 17	0 24	18 38	2 34	1 50	2 24	2 51			n.a.
F 16	16 21	27 39	5 0	23 54	1 58	6 49	1 26	13 27	0 3	11 34	0 49	23 39	0 29	17 30	0 9	22 17	0 24	18 37	2 34	1 53	2 25	2 47			n.a.
S 17	16 38	28 53	5 7	24 2	1 53	7 18	1 25	13 41	0 3	11 39	0 48	23 40	0 29	17 29	0 9	22 17	0 24	18 37	2 34	1 56	2 27	2 44			n.a.
S 18	16 55	28 23	4 58	24 9	1 48	7 46	1 23	13 56	0 4	11 44	0 48	23 40	0 29	17 29	0 9	22 17	0 24	18 37	2 34	1 58	2 28	2 40			n.a.
M19	17 11	26 21	4 33	24 14	1 42	8 15	1 22	14 10	0 5	11 49	0 48	23 40	0 29	17 28	0 9	22 17	0 24	18 37	2 34	2 0	2 29	2 37			n.a.
T 20	17 28	23 3	3 55	24 17	1 35	8 43	1 20	14 24	0 5	11 53	0 48	23 40	0 29	17 27	0 9	22 17	0 24	18 37	2 34	2 1	2 30	2 33			n.a.
W21	17 44	18 50	3 8	24 18	1 28	9 11	1 18	14 37	0 6	11 58	0 48	23 41	0 29	17 27	0 9	22 17	0 24	18 36	2 34	2 2	2 32	2 30			n.a.
T 22	17 59	13 56	2 13	24 18	1 20	9 39	1 17	14 51	0 6	12 3	0 48	23 41	0 29	17 26	0 9	22 17	0 25	18 36	2 33	2 1	2 33	2 26			n.a.
F 23	18 15	8 35	1 13	24 17	1 11	10 7	1 15	15 5	0 7	12 8	0 48	23 41	0 29	17 25	0 9	22 17	0 25	18 36	2 33	2 1	2 34	2 23			n.a.
S 24	18 30	2 58	0 11	24 14	1 2	10 35	1 13	15 18	0 8	12 12	0 48	23 42	0 30	17 25	0 9	22 18	0 25	18 36	2 33	2 1	2 36	2 19			n.a.
S 25	18 45	2n46	0n53	24 10	0 53	11 2	1 11	15 31	0 8	12 17	0 48	23 42	0 30	17 24	0 9	22 18	0 25	18 36	2 33	2 1	2 37	2 16			n.a.
M26	19 0	8 27	1 54	24 4	0 42	11 29	1 9	15 45	0 9	12 22	0 48	23 42	0 30	17 23	0 9	22 18	0 25	18 35	2 33	2 2	2 38	2 12			n.a.
T 27	19 14	13 53	2 51	23 58	0 31	11 56	1 7	15 58	0 9	12 26	0 48	23 43	0 30	17 23	0 9	22 18	0 25	18 35	2 33	2 4	2 39	2 9			n.a.
W28	19 28	18 53	3 41	23 50	0 20	12 23	1 5	16 11	0 10	12 31	0 48	23 43	0 30	17 22	0 9	22 18	0 25	18 35	2 33	2 7	2 41	2 5			n.a.
T 29	19 41	23 11	4 21	23 41	0 8	12 49	1 3	16 24	0 11	12 35	0 48	23 43	0 30	17 21	0 9	22 18	0 25	18 35	2 33	2 10	2 42	2 2			n.a.
F 30	19 55	26 27	4 49	23 31	0s 4	13 15	1 1	16 36	0 11	12 40	0 48	23 44	0 30	17 21	0 9	22 18	0 25	18 35	2 33	2 15	2 43	1 58			n.a.
S 31	20n 8	28n24	5n 2	23n20	0s17	13n41	0s59	16n49	0n12	12n44	0s48	23s44	0s31	17s20	0n 9	22s18	0s25	18s34	2n33	2s19	2s44	1s55			n.a.

Julian Day Number = 1373094.5, Delta T = 06h48m57s
Ecliptic obliquity = 23°48'42, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°14'32, Lahiri = -17°07'31 Julian Calendar 1 May 954 BCE == Greg. Calendar 22 Apr. 954 BCE

The year -953 astronomical counting style corresponds to year 954 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 954 BCE
geocentric

JUNE 954 BCE (-953) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 58 40	29♉25'30	2♋38	23♊30	9♉55	15♉47	5♉31	12°R18	18°R 2	22°R29	2°R55	24°R 5	23♓ 9	25♓ 1	n.a.	S 1
M 2	16 2 37	0♊22'37	16° 3	23°59	11° 8	16°27	5°44	12♑15	18♏ 0	22♑28	2♐53	23♓57	23° 5	25° 7	n.a.	M 2
T 3	16 6 33	1°19'43	29°39	24°24	12°21	17° 7	5°57	12°13	17°57	22°27	2°52	23°51	23° 2	25°14	n.a.	T 3
W 4	16 10 30	2°16'50	13♌25	24°44	13°34	17°47	6°11	12°10	17°55	22°26	2°50	23°47	22°59	25°21	n.a.	W 4
T 5	16 14 26	3°13'57	27°20	24°59	14°46	18°27	6°24	12° 7	17°53	22°25	2°49	23°46	22°56	25°27	n.a.	T 5
F 6	16 18 23	4°11'04	11♍24	25°10	16° 0	19° 6	6°37	12° 4	17°50	22°24	2°47	23°D46	22°53	25°34	n.a.	F 6
S 7	16 22 19	5° 8'11	25°36	25°16	17°13	19°46	6°50	12° 1	17°48	22°24	2°46	23°R46	22°50	25°41	n.a.	S 7
S 8	16 26 16	6° 5'18	9♎54	25°R18	18°26	20°26	7° 3	11°58	17°46	22°23	2°44	23°45	22°46	25°47	n.a.	S 8
M 9	16 30 13	7° 2'25	24°18	25°14	19°39	21° 5	7°15	11°54	17°44	22°22	2°43	23°42	22°43	25°54	n.a.	M 9
T 10	16 34 9	7°59'33	8♏41	25° 6	20°52	21°45	7°28	11°51	17°41	22°20	2°41	23°37	22°40	26° 1	n.a.	T 10
W11	16 38 6	8°56'41	23° 1	24°53	22° 5	22°24	7°41	11°48	17°39	22°19	2°40	23°29	22°37	26° 7	n.a.	W11
T 12	16 42 2	9°53'49	7♐10	24°35	23°18	23° 4	7°54	11°44	17°37	22°18	2°38	23°18	22°34	26°14	n.a.	T 12
F 13	16 45 59	10°50'59	21° 5	24°13	24°31	23°43	8° 6	11°41	17°35	22°17	2°37	23° 7	22°30	26°21	n.a.	F 13
S 14	16 49 55	11°48'09	4♑40	23°47	25°45	24°23	8°19	11°37	17°32	22°16	2°35	22°56	22°27	26°27	n.a.	S 14
S 15	16 53 52	12°45'19	17°53	23°17	26°58	25° 2	8°32	11°34	17°30	22°15	2°34	22°46	22°24	26°34	n.a.	S 15
M16	16 57 49	13°42'31	0♒43	22°43	28°11	25°42	8°44	11°30	17°28	22°14	2°32	22°37	22°21	26°40	n.a.	M16
T 17	17 1 45	14°39'43	13°13	22° 6	29°25	26°21	8°57	11°26	17°26	22°13	2°31	22°32	22°18	26°47	n.a.	T 17
W18	17 5 42	15°36'57	25°26	21°26	0♊38	27° 0	9° 9	11°22	17°24	22°11	2°29	22°29	22°15	26°54	n.a.	W18
T 19	17 9 38	16°34'11	7♓25	20°45	1°51	27°40	9°21	11°19	17°22	22°10	2°28	22°27	22°11	27° 0	n.a.	T 19
F 20	17 13 35	17°31'27	19°16	20° 2	3° 5	28°19	9°34	11°15	17°20	22° 9	2°27	22°27	22° 8	27° 7	n.a.	F 20
S 21	17 17 31	18°28'44	1♈ 4	19°19	4°18	28°58	9°46	11°11	17°18	22° 8	2°25	22°27	22° 5	27°14	n.a.	S 21
S 22	17 21 28	19°26'01	12°55	18°35	5°32	29°37	9°58	11° 7	17°16	22° 6	2°24	22°26	22° 2	27°20	n.a.	S 22
M23	17 25 24	20°23'20	24°54	17°53	6°45	0♊16	10°10	11° 3	17°14	22° 5	2°22	22°23	21°59	27°27	n.a.	M23
T 24	17 29 21	21°20'41	7♉ 5	17°13	7°59	0°55	10°22	10°59	17°12	22° 4	2°21	22°17	21°56	27°34	n.a.	T 24
W25	17 33 18	22°18'02	19°32	16°36	9°12	1°34	10°34	10°54	17°10	22° 2	2°20	22° 9	21°52	27°40	n.a.	W25
T 26	17 37 14	23°15'25	2♊16	16° 1	10°26	2°13	10°46	10°50	17° 9	22° 1	2°18	21°59	21°49	27°47	n.a.	T 26
F 27	17 41 11	24°12'49	15°20	15°31	11°40	2°52	10°58	10°46	17° 7	21°59	2°17	21°47	21°46	27°54	n.a.	F 27
S 28	17 45 7	25°10'14	28°41	15° 5	12°53	3°31	11° 9	10°42	17° 5	21°58	2°15	21°34	21°43	28° 0	n.a.	S 28
S 29	17 49 4	26° 7'40	12♋18	14°45	14° 7	4°10	11°21	10°37	17° 3	21°57	2°14	21°22	21°40	28° 7	n.a.	S 29
M30	17 53 0	27♊ 5'07	26♋ 7	14♊29	15♊21	4♊49	11♉33	10♑33	17♏ 2	21♑55	2♐13	21♓12	21♓36	28♓14	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n20	28n47	5n 0	23n 8	0s31	14n 7	0s57	17n 1	0n12	12n49	0s48	23s44	0s31	17s19	0n 9	22s19	0s25	18s34	2n33	2s23	2s46	1s51		n.a.
M 2	20 33	27 29	4 41	22 56	0 44	14 32	0 55	17 13	0 13	12 53	0 48	23 45	0 31	17 19	0 9	22 19	0 25	18 34	2 33	2 26	2 47	1 48		n.a.
T 3	20 45	24 33	4 6	22 43	0 58	14 57	0 53	17 25	0 14	12 58	0 48	23 45	0 31	17 18	0 9	22 19	0 25	18 34	2 32	2 29	2 48	1 44		n.a.
W 4	20 56	20 12	3 17	22 30	1 13	15 21	0 50	17 37	0 14	13 2	0 48	23 46	0 31	17 17	0 9	22 19	0 25	18 34	2 32	2 30	2 50	1 41		n.a.
T 5	21 8	14 42	2 16	22 15	1 28	15 45	0 48	17 49	0 15	13 7	0 48	23 46	0 31	17 17	0 9	22 19	0 25	18 34	2 32	2 31	2 51	1 37		n.a.
F 6	21 19	8 24	1 5	22 1	1 42	16 9	0 46	18 1	0 15	13 11	0 48	23 46	0 31	17 16	0 9	22 19	0 25	18 33	2 32	2 31	2 52	1 34		n.a.
S 7	21 29	1 38	0s10	21 46	1 57	16 32	0 44	18 13	0 16	13 15	0 48	23 47	0 31	17 15	0 9	22 20	0 25	18 33	2 32	2 31	2 53	1 31		n.a.
S 8	21 40	5s17	1 25	21 31	2 12	16 55	0 41	18 24	0 17	13 20	0 48	23 47	0 32	17 15	0 9	22 20	0 25	18 33	2 32	2 31	2 55	1 27		n.a.
M 9	21 49	11 57	2 34	21 16	2 27	17 18	0 39	18 35	0 17	13 24	0 48	23 48	0 32	17 14	0 9	22 20	0 25	18 33	2 32	2 32	2 56	1 24		n.a.
T 10	21 59	17 59	3 34	21 1	2 42	17 40	0 37	18 46	0 18	13 28	0 48	23 48	0 32	17 14	0 9	22 20	0 25	18 33	2 32	2 34	2 57	1 20		n.a.
W11	22 8	23 0	4 20	20 46	2 57	18 1	0 34	18 57	0 18	13 32	0 47	23 49	0 32	17 13	0 9	22 20	0 25	18 32	2 32	2 38	2 59	1 17		n.a.
T 12	22 17	26 36	4 50	20 31	3 11	18 22	0 32	19 8	0 19	13 37	0 47	23 49	0 32	17 12	0 9	22 21	0 25	18 32	2 31	2 42	3 0	1 13		n.a.
F 13	22 25	28 31	5 1	20 17	3 24	18 43	0 29	19 19	0 20	13 41	0 47	23 49	0 32	17 12	0 9	22 21	0 25	18 32	2 31	2 46	3 1	1 10		n.a.
S 14	22 33	28 38	4 55	20 3	3 37	19 3	0 27	19 29	0 20	13 45	0 47	23 50	0 32	17 11	0 9	22 21	0 25	18 32	2 31	2 51	3 2	1 6		n.a.
S 15	22 41	27 6	4 33	19 50	3 49	19 23	0 25	19 39	0 21	13 49	0 47	23 50	0 32	17 10	0 9	22 21	0 25	18 32	2 31	2 55	3 4	1 3		n.a.
M16	22 48	24 10	3 58	19 37	4 0	19 42	0 22	19 50	0 21	13 53	0 47	23 51	0 33	17 10	0 9	22 21	0 25	18 32	2 31	2 58	3 5	0 59		n.a.
T 17	22 55	20 10	3 12	19 25	4 10	20 1	0 20	20 0	0 22	13 57	0 47	23 51	0 33	17 9	0 9	22 22	0 25	18 31	2 31	3 1	3 6	0 56		n.a.
W18	23 1	15 24	2 18	19 14	4 18	20 19	0 17	20 10	0 23	14 1	0 47	23 52	0 33	17 9	0 9	22 22	0 25	18 31	2 31	3 2	3 7	0 52		n.a.
T 19	23 7	10 8	1 19	19 4	4 25	20 37	0 15	20 19	0 23	14 5	0 47	23 52	0 33	17 8	0 9	22 22	0 25	18 31	2 31	3 2	3 9	0 49		n.a.
F 20	23 13	4 34	0 17	18 56	4 31	20 54	0 12	20 29	0 24	14 9	0 47	23 53	0 33	17 8	0 9	22 22	0 25	18 31	2 31	3 2	3 10	0 45		n.a.
S 21	23 18	1n 7	0n46	18 48	4 35	21 10	0 10	20 38	0 24	14 13	0 47	23 53	0 33	17 7	0 9	22 23	0 25	18 31	2 30	3 2	3 11	0 42		n.a.
S 22	23 23	6 48	1 46	18 42	4 37	21 26	0 7	20 47	0 25	14 17	0 47	23 53	0 33	17 6	0 9	22 23	0 25	18 31	2 30	3 3	3 13	0 38		n.a.
M23	23 27	12 18	2 43	18 38	4 38	21 42	0 5	20 56	0 26	14 21	0 47	23 54	0 33	17 6	0 9	22 23	0 25	18 30	2 30	3 4	3 14	0 35		n.a.
T 24	23 31	17 26	3 33	18 36	4 37	21 57	0 2	21 5	0 26	14 25	0 47	23 54	0 33	17 5	0 9	22 23	0 25	18 30	2 30	3 6	3 15	0 31		n.a.
W25	23 35	21 57	4 14	18 35	4 34	22 11	0n 0	21 14	0 27	14 28	0 47	23 55	0 34	17 5	0 9	22 24	0 25	18 30	2 30	3 10	3 16	0 28		n.a.
T 26	23 38	25 33	4 43	18 36	4 29	22 24	0 3	21 23	0 27	14 32	0 47	23 55	0 34	17 4	0 9	22 24	0 25	18 30	2 30	3 14	3 18	0 24		n.a.
F 27	23 41	27 56	4 58	18 39	4 23	22 37	0 5	21 31	0 28	14 36	0 47	23 56	0 34	17 4	0 9	22 24	0 25	18 30	2 30	3 19	3 19	0 21		n.a.
S 28	23 43	28 46	4 58	18 44	4 16	22 49	0 8	21 39	0 29	14 40	0 47	23 56	0 34	17 3	0 9	22 24	0 25	18 30	2 29	3 24	3 20	0 17		n.a.
S 29	23 45	27 54	4 41	18 50	4 7	23 1	0 10	21 47	0 29	14 43	0 47	23 57	0 34	17 3	0 9	22 25	0 25	18 30	2 29	3 28	3 21	0 14		n.a.
M30	23n47	25n18	4n 7	18n59	3s57	23n12	0n12	21n55	0n30	14n47	0s47	23s57	0s34	17s 2	0n 9	22s25	0s25	18s29	2n29	3s32	3s23	0s10		n.a.

Julian Day Number = 1373125.5, Delta T = 06h48m55s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°14'27, Lahiri = -17°07'27 Julian Calendar 1 June 954 BCE == Greg. Calendar 23 May 954 BCE

The year -953 astronomical counting style corresponds to year 954 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 954 BCE
geocentric

JULY 954 BCE (-953) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 56 57	28♊ 2'35	10♌ 5	14°R20	16♊35	5♊28	11♉44	10°R29	17°R 0	21°R54	2°R11	21°R 5	21♓33	28♓20	n.a.	T 1
W 2	18 0 53	29° 0'04	24° 8	14°D18	17°48	6° 7	11°55	10♑24	16♏58	21♑52	2♐10	21♓ 1	21°30	28°27	n.a.	W 2
T 3	18 4 50	29°57'34	8♍15	14♊21	19° 2	6°45	12° 7	10°20	16°57	21°51	2° 9	20°59	21°27	28°33	n.a.	T 3
F 4	18 8 47	0♋55'05	22°22	14°32	20°16	7°24	12°18	10°16	16°55	21°49	2° 8	20°D59	21°24	28°40	n.a.	F 4
S 5	18 12 43	1°52'37	6♎30	14°49	21°30	8° 3	12°29	10°11	16°54	21°48	2° 6	20°R59	21°21	28°47	n.a.	S 5
S 6	18 16 40	2°50'10	20°36	15°13	22°44	8°42	12°40	10° 7	16°52	21°46	2° 5	20°58	21°17	28°53	n.a.	S 6
M 7	18 20 36	3°47'44	4♏41	15°44	23°58	9°20	12°51	10° 2	16°51	21°45	2° 4	20°55	21°14	29° 0	n.a.	M 7
T 8	18 24 33	4°45'20	18°41	16°22	25°12	9°59	13° 2	9°58	16°50	21°43	2° 3	20°49	21°11	29° 7	n.a.	T 8
W 9	18 28 29	5°42'56	2♐35	17° 7	26°26	10°37	13°13	9°53	16°48	21°42	2° 1	20°41	21° 8	29°13	n.a.	W 9
T 10	18 32 26	6°40'34	16°20	17°58	27°40	11°16	13°24	9°49	16°47	21°40	2° 0	20°31	21° 5	29°20	n.a.	T 10
F 11	18 36 23	7°38'13	29°51	18°56	28°54	11°54	13°34	9°44	16°46	21°38	1°59	20°19	21° 2	29°27	n.a.	F 11
S 12	18 40 19	8°35'54	13♑ 8	20° 1	0♋ 8	12°33	13°45	9°40	16°44	21°37	1°58	20° 8	20°58	29°33	n.a.	S 12
S 13	18 44 16	9°33'36	26° 7	21°11	1°22	13°11	13°55	9°35	16°43	21°35	1°57	19°58	20°55	29°40	n.a.	S 13
M14	18 48 12	10°31'19	8♒48	22°28	2°36	13°49	14° 6	9°31	16°42	21°34	1°56	19°49	20°52	29°47	n.a.	M14
T 15	18 52 9	11°29'05	21°12	23°49	3°50	14°28	14°16	9°26	16°41	21°32	1°55	19°43	20°49	29°53	n.a.	T 15
W16	18 56 5	12°26'52	3♓21	25°16	5° 5	15° 6	14°26	9°21	16°40	21°30	1°54	19°40	20°46	29°59	n.a.	W16
T 17	19 0 2	13°24'40	15°19	26°48	6°19	15°44	14°36	9°17	16°39	21°29	1°53	19°D38	20°42	0♈ 7	n.a.	T 17
F 18	19 3 58	14°22'31	27° 9	28°25	7°33	16°23	14°46	9°12	16°38	21°27	1°52	19°38	20°39	0°13	n.a.	F 18
S 19	19 7 55	15°20'24	8♈57	0♋ 5	8°47	17° 1	14°56	9° 8	16°37	21°26	1°51	19°39	20°36	0°20	n.a.	S 19
S 20	19 11 52	16°18'18	20°49	1°49	10° 2	17°39	15° 5	9° 3	16°36	21°24	1°50	19°R39	20°33	0°26	n.a.	S 20
M21	19 15 48	17°16'14	2♉48	3°36	11°16	18°17	15°15	8°59	16°36	21°22	1°49	19°38	20°30	0°33	n.a.	M21
T 22	19 19 45	18°14'13	15° 2	5°26	12°30	18°55	15°25	8°55	16°35	21°21	1°48	19°34	20°27	0°40	n.a.	T 22
W23	19 23 41	19°12'13	27°33	7°18	13°45	19°33	15°34	8°50	16°34	21°19	1°47	19°29	20°23	0°46	n.a.	W23
T 24	19 27 38	20°10'16	10♊26	9°11	14°59	20°11	15°43	8°46	16°34	21°17	1°46	19°21	20°20	0°53	n.a.	T 24
F 25	19 31 34	21° 8'21	23°41	11° 7	16°14	20°50	15°52	8°41	16°33	21°16	1°45	19°12	20°17	1° 0	n.a.	F 25
S 26	19 35 31	22° 6'27	7♋19	13° 3	17°28	21°28	16° 1	8°37	16°32	21°14	1°44	19° 2	20°14	1° 6	n.a.	S 26
S 27	19 39 27	23° 4'35	21°16	15° 0	18°43	22° 5	16°10	8°33	16°32	21°12	1°44	18°53	20°11	1°13	n.a.	S 27
M28	19 43 24	24° 2'46	5♌30	16°57	19°57	22°43	16°19	8°28	16°31	21°11	1°43	18°46	20° 8	1°20	n.a.	M28
T 29	19 47 21	25° 0'58	19°53	18°55	21°12	23°21	16°28	8°24	16°31	21° 9	1°42	18°40	20° 4	1°26	n.a.	T 29
W30	19 51 17	25°59'11	4♍21	20°52	22°26	23°59	16°36	8°20	16°31	21° 7	1°41	18°37	20° 1	1°33	n.a.	W30
T 31	19 55 14	26♋57'27	18♍49	22♋49	23♋41	24♊37	16♉45	8♑16	16♏30	21♑ 6	1♐41	18°D37	19♓58	1♈40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n48	21n10	3n18	19n 9	3s45	23n22	0n15	22n 3	0n30	14n51	0s47	23s58	0s34	17s 2	0n 9	22s25	0s25	18s29	2n29	3s35	3s24	0s 7			n.a.
W 2	23 48	15 50	2 17	19 21	3 33	23 32	0 17	22 10	0 31	14 54	0 47	23 58	0 34	17 2	0 9	22 25	0 25	18 29	2 29	3 37	3 25	0 3			n.a.
T 3	23 49	9 38	1 7	19 35	3 19	23 40	0 19	22 18	0 31	14 58	0 47	23 58	0 34	17 1	0 9	22 26	0 25	18 29	2 29	3 38	3 26	0n 0			n.a.
F 4	23 48	2 58	0s 7	19 50	3 5	23 49	0 22	22 25	0 32	15 1	0 47	23 59	0 35	17 1	0 9	22 26	0 25	18 29	2 29	3 38	3 28	0 4			n.a.
S 5	23 48	3s52	1 21	20 6	2 51	23 56	0 24	22 32	0 33	15 5	0 47	23 59	0 35	17 0	0 9	22 26	0 25	18 29	2 29	3 38	3 29	0 7			n.a.
S 6	23 47	10 29	2 30	20 24	2 36	24 3	0 26	22 38	0 33	15 8	0 47	24 0	0 35	17 0	0 9	22 26	0 26	18 29	2 28	3 38	3 30	0 11			n.a.
M 7	23 45	16 33	3 29	20 43	2 20	24 9	0 29	22 45	0 34	15 11	0 47	24 0	0 35	16 59	0 9	22 27	0 26	18 29	2 28	3 39	3 32	0 14			n.a.
T 8	23 43	21 45	4 16	21 2	2 5	24 14	0 31	22 52	0 34	15 15	0 47	24 1	0 35	16 59	0 9	22 27	0 26	18 28	2 28	3 42	3 33	0 18			n.a.
W 9	23 41	25 41	4 47	21 22	1 49	24 19	0 33	22 58	0 35	15 18	0 47	24 1	0 35	16 59	0 9	22 27	0 26	18 28	2 28	3 45	3 34	0 21			n.a.
T 10	23 38	28 5	5 1	21 43	1 33	24 23	0 35	23 4	0 36	15 21	0 47	24 2	0 35	16 58	0 9	22 27	0 26	18 28	2 28	3 49	3 35	0 25			n.a.
F 11	23 35	28 46	4 57	22 3	1 17	24 26	0 37	23 10	0 36	15 24	0 47	24 2	0 35	16 58	0 9	22 28	0 26	18 28	2 28	3 53	3 37	0 28			n.a.
S 12	23 32	27 46	4 38	22 24	1 2	24 28	0 40	23 16	0 37	15 28	0 47	24 2	0 35	16 58	0 9	22 28	0 26	18 28	2 28	3 58	3 38	0 31			n.a.
S 13	23 28	25 15	4 4	22 44	0 47	24 30	0 42	23 21	0 37	15 31	0 47	24 3	0 35	16 57	0 9	22 28	0 26	18 28	2 27	4 2	3 39	0 35			n.a.
M14	23 23	21 32	3 19	23 3	0 32	24 31	0 44	23 27	0 38	15 34	0 47	24 3	0 36	16 57	0 9	22 29	0 26	18 28	2 27	4 6	3 40	0 38			n.a.
T 15	23 18	16 57	2 25	23 22	0 18	24 31	0 46	23 32	0 39	15 37	0 47	24 4	0 36	16 57	0 9	22 29	0 26	18 28	2 27	4 8	3 42	0 42			n.a.
W16	23 13	11 46	1 26	23 39	0 4	24 30	0 48	23 37	0 39	15 40	0 47	24 4	0 36	16 56	0 9	22 29	0 26	18 28	2 27	4 9	3 43	0 45			n.a.
T 17	23 7	6 14	0 23	23 55	0n 9	24 29	0 50	23 42	0 40	15 43	0 47	24 5	0 36	16 56	0 9	22 29	0 26	18 28	2 27	4 10	3 44	0 49			n.a.
F 18	23 1	0 32	0n40	24 9	0 21	24 27	0 52	23 46	0 40	15 46	0 47	24 5	0 36	16 56	0 9	22 30	0 26	18 28	2 27	4 10	3 46	0 52			n.a.
S 19	22 55	5n 9	1 41	24 22	0 33	24 24	0 53	23 51	0 41	15 49	0 47	24 5	0 36	16 56	0 9	22 30	0 26	18 28	2 26	4 10	3 47	0 56			n.a.
S 20	22 48	10 41	2 39	24 32	0 44	24 21	0 55	23 55	0 41	15 52	0 47	24 6	0 36	16 55	0 9	22 30	0 26	18 28	2 26	4 10	3 48	0 59			n.a.
M21	22 41	15 54	3 29	24 39	0 54	24 16	0 57	23 59	0 42	15 54	0 47	24 6	0 36	16 55	0 9	22 30	0 26	18 28	2 26	4 10	3 49	1 3			n.a.
T 22	22 33	20 36	4 12	24 45	1 3	24 11	0 59	24 3	0 43	15 57	0 47	24 7	0 36	16 55	0 8	22 31	0 26	18 28	2 26	4 11	3 51	1 6			n.a.
W23	22 25	24 31	4 43	24 47	1 11	24 5	1 0	24 7	0 43	16 0	0 47	24 7	0 36	16 55	0 8	22 31	0 26	18 28	2 26	4 14	3 52	1 10			n.a.
T 24	22 16	27 20	5 1	24 48	1 19	23 59	1 2	24 10	0 44	16 3	0 47	24 7	0 36	16 55	0 8	22 31	0 26	18 28	2 26	4 17	3 53	1 13			n.a.
F 25	22 7	28 43	5 4	24 45	1 25	23 52	1 4	24 14	0 44	16 5	0 48	24 8	0 36	16 55	0 8	22 32	0 26	18 27	2 26	4 20	3 54	1 17			n.a.
S 26	21 58	28 26	4 50	24 40	1 31	23 44	1 5	24 17	0 45	16 8	0 48	24 8	0 37	16 54	0 8	22 32	0 26	18 27	2 25	4 24	3 56	1 20			n.a.
S 27	21 48	26 21	4 18	24 32	1 36	23 35	1 7	24 20	0 46	16 10	0 48	24 8	0 37	16 54	0 8	22 32	0 26	18 27	2 25	4 28	3 57	1 24			n.a.
M28	21 38	22 35	3 30	24 22	1 39	23 25	1 8	24 23	0 46	16 13	0 48	24 9	0 37	16 54	0 8	22 32	0 26	18 27	2 25	4 31	3 58	1 27			n.a.
T 29	21 28	17 25	2 28	24 9	1 43	23 15	1 9	24 25	0 47	16 16	0 48	24 9	0 37	16 54	0 8	22 33	0 26	18 27	2 25	4 33	3 59	1 31			n.a.
W30	21 17	11 14	1 16	23 54	1 45	23 4	1 11	24 28	0 47	16 18	0 48	24 9	0 37	16 54	0 8	22 33	0 26	18 28	2 25	4 34	4 1	1 34			n.a.
T 31	21n 5	4n28	0s 1	23n36	1n47	22n53	1n12	24n30	0n48	16n20	0s48	24s10	0s37	16s54	0n 8	22s33	0s26	18s28	2n25	4s34	4s 2	1n38			n.a.

Julian Day Number = 1373155.5, Delta T = 06h48m54s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°14'23, Lahiri = -17°07'23 Julian Calendar 1 July 954 BCE == Greg. Calendar 22 June 954 BCE

The year -953 astronomical counting style corresponds to year 954 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 954 BCE
geocentric

AUGUST 954 BCE (-953) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 59 10	27♋55'43	3♎11	24♋45	24♋56	25♊15	16♉53	8°R12	16°R30	21°R 4	1°R40	18♓37	19♓55	1♈46	n.a.	F 1
S 2	20 3 7	28°54'02	17°26	26°41	26°10	25°52	17° 1	8♑ 7	16♏30	21♑ 3	1♐39	18°38	19°52	1°53	n.a.	S 2
S 3	20 7 3	29°52'22	1♏32	28°37	27°25	26°30	17° 9	8° 3	16°30	21° 1	1°39	18°R39	19°48	2° 0	n.a.	S 3
M 4	20 11 0	0♌50'44	15°27	0♌31	28°40	27° 8	17°17	7°59	16°30	20°59	1°38	18°38	19°45	2° 6	n.a.	M 4
T 5	20 14 56	1°49'08	29°10	2°24	29°54	27°46	17°25	7°55	16°30	20°58	1°37	18°35	19°42	2°13	n.a.	T 5
W 6	20 18 53	2°47'33	12♐43	4°17	1♌ 9	28°23	17°32	7°52	16°D30	20°56	1°37	18°30	19°39	2°20	n.a.	W 6
T 7	20 22 49	3°46'01	26° 3	6° 8	2°24	29° 1	17°40	7°48	16°30	20°55	1°36	18°23	19°36	2°26	n.a.	T 7
F 8	20 26 46	4°44'30	9♑11	7°59	3°38	29°38	17°47	7°44	16°30	20°53	1°36	18°16	19°33	2°33	n.a.	F 8
S 9	20 30 43	5°43'01	22° 5	9°48	4°53	0♋16	17°54	7°40	16°30	20°51	1°35	18° 8	19°29	2°39	n.a.	S 9
S 10	20 34 39	6°41'34	4♒46	11°37	6° 8	0°53	18° 1	7°36	16°30	20°50	1°35	18° 1	19°26	2°46	n.a.	S 10
M11	20 38 36	7°40'09	17°12	13°24	7°23	1°31	18° 8	7°33	16°30	20°48	1°35	17°56	19°23	2°53	n.a.	M11
T 12	20 42 32	8°38'46	29°26	15°10	8°38	2° 8	18°15	7°29	16°31	20°47	1°34	17°52	19°20	2°59	n.a.	T 12
W13	20 46 29	9°37'25	11♓29	16°55	9°53	2°45	18°21	7°26	16°31	20°45	1°34	17°51	19°17	3° 6	n.a.	W13
T 14	20 50 25	10°36'07	23°23	18°39	11° 7	3°23	18°28	7°22	16°31	20°44	1°34	17°D51	19°14	3°13	n.a.	T 14
F 15	20 54 22	11°34'50	5♈12	20°23	12°22	4° 0	18°34	7°19	16°32	20°42	1°33	17°52	19°10	3°19	n.a.	F 15
S 16	20 58 18	12°33'36	16°59	22° 5	13°37	4°37	18°40	7°16	16°32	20°41	1°33	17°53	19° 7	3°26	n.a.	S 16
S 17	21 2 15	13°32'25	28°50	23°46	14°52	5°15	18°46	7°13	16°33	20°39	1°33	17°55	19° 4	3°33	n.a.	S 17
M18	21 6 12	14°31'15	10♉49	25°26	16° 7	5°52	18°52	7° 9	16°33	20°38	1°33	17°R56	19° 1	3°39	n.a.	M18
T 19	21 10 8	15°30'09	23° 1	27° 5	17°22	6°29	18°58	7° 6	16°34	20°36	1°32	17°56	18°58	3°46	n.a.	T 19
W20	21 14 5	16°29'05	5♊31	28°43	18°37	7° 6	19° 3	7° 3	16°35	20°35	1°32	17°54	18°54	3°53	n.a.	W20
T 21	21 18 1	17°28'03	18°23	0♍21	19°52	7°43	19° 8	7° 0	16°36	20°33	1°32	17°51	18°51	3°59	n.a.	T 21
F 22	21 21 58	18°27'03	1♋41	1°57	21° 7	8°20	19°13	6°58	16°36	20°32	1°32	17°47	18°48	4° 6	n.a.	F 22
S 23	21 25 54	19°26'06	15°24	3°32	22°22	8°57	19°18	6°55	16°37	20°30	1°32	17°43	18°45	4°13	n.a.	S 23
S 24	21 29 51	20°25'12	29°32	5° 7	23°37	9°34	19°23	6°52	16°38	20°29	1°D32	17°39	18°42	4°19	n.a.	S 24
M25	21 33 47	21°24'19	14♌ 1	6°41	24°52	10°11	19°28	6°50	16°39	20°28	1°32	17°35	18°39	4°26	n.a.	M25
T 26	21 37 44	22°23'29	28°46	8°13	26° 7	10°48	19°32	6°47	16°40	20°26	1°32	17°33	18°35	4°33	n.a.	T 26
W27	21 41 41	23°22'41	13♍38	9°45	27°22	11°25	19°37	6°45	16°41	20°25	1°32	17°D32	18°32	4°39	n.a.	W27
T 28	21 45 37	24°21'55	28°31	11°17	28°37	12° 2	19°41	6°42	16°42	20°24	1°32	17°32	18°29	4°46	n.a.	T 28
F 29	21 49 34	25°21'11	13♎16	12°47	29°52	12°39	19°45	6°40	16°44	20°22	1°32	17°34	18°26	4°53	n.a.	F 29
S 30	21 53 30	26°20'28	27°48	14°16	1♍ 8	13°16	19°48	6°38	16°45	20°21	1°33	17°35	18°23	4°59	n.a.	S 30
S 31	21 57 27	27♌19'48	12♏ 4	15♍45	2♍23	13♋52	19♉52	6♑36	16♏46	20♑20	1♐33	17♓36	18♓20	5♈ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n54	2s28	1s18	23n16	1n48	22n40	1n13	24n32	0n49	16n23	0s48	24s10	0s37	16s54	0n 8	22s33	0s26	18s28	2n24	4s34	4s 3	1n41		n.a.
S 2	20 42	9 14	2 29	22 55	1 48	22 28	1 14	24 34	0 49	16 25	0 48	24 10	0 37	16 54	0 8	22 34	0 26	18 28	2 24	4 34	4 5	1 45		n.a.
S 3	20 30	15 28	3 30	22 31	1 48	22 14	1 15	24 36	0 50	16 27	0 48	24 11	0 37	16 54	0 8	22 34	0 26	18 28	2 24	4 34	4 6	1 48		n.a.
M 4	20 17	20 50	4 19	22 6	1 47	22 0	1 16	24 37	0 50	16 30	0 48	24 11	0 37	16 54	0 8	22 34	0 26	18 28	2 24	4 34	4 7	1 52		n.a.
T 5	20 4	25 1	4 51	21 38	1 45	21 45	1 17	24 38	0 51	16 32	0 48	24 11	0 37	16 54	0 8	22 35	0 26	18 28	2 24	4 35	4 8	1 55		n.a.
W 6	19 50	27 45	5 7	21 10	1 44	21 29	1 18	24 40	0 51	16 34	0 48	24 12	0 37	16 54	0 8	22 35	0 26	18 28	2 24	4 37	4 10	1 58		n.a.
T 7	19 37	28 51	5 6	20 40	1 41	21 13	1 19	24 41	0 52	16 36	0 48	24 12	0 37	16 54	0 8	22 35	0 26	18 28	2 23	4 40	4 11	2 2		n.a.
F 8	19 22	28 17	4 48	20 8	1 38	20 56	1 20	24 41	0 53	16 38	0 48	24 12	0 37	16 54	0 8	22 35	0 26	18 28	2 23	4 43	4 12	2 5		n.a.
S 9	19 8	26 11	4 16	19 35	1 35	20 39	1 21	24 42	0 53	16 40	0 48	24 13	0 38	16 54	0 8	22 36	0 26	18 28	2 23	4 46	4 13	2 9		n.a.
S 10	18 53	22 48	3 32	19 2	1 31	20 20	1 21	24 42	0 54	16 42	0 48	24 13	0 38	16 54	0 8	22 36	0 26	18 28	2 23	4 48	4 15	2 12		n.a.
M11	18 38	18 26	2 39	18 27	1 27	20 2	1 22	24 43	0 54	16 44	0 48	24 13	0 38	16 54	0 8	22 36	0 26	18 28	2 23	4 51	4 16	2 16		n.a.
T 12	18 23	13 23	1 39	17 51	1 23	19 43	1 22	24 43	0 55	16 46	0 48	24 13	0 38	16 54	0 8	22 36	0 26	18 28	2 23	4 52	4 17	2 19		n.a.
W13	18 7	7 54	0 35	17 15	1 18	19 23	1 23	24 43	0 56	16 47	0 48	24 14	0 38	16 54	0 8	22 37	0 26	18 28	2 22	4 53	4 18	2 23		n.a.
T 14	17 51	2 12	0n30	16 37	1 13	19 2	1 23	24 42	0 56	16 49	0 48	24 14	0 38	16 54	0 8	22 37	0 26	18 28	2 22	4 53	4 20	2 26		n.a.
F 15	17 35	3n31	1 33	15 59	1 8	18 41	1 24	24 42	0 57	16 51	0 48	24 14	0 38	16 55	0 8	22 37	0 26	18 29	2 22	4 52	4 21	2 30		n.a.
S 16	17 18	9 7	2 33	15 21	1 2	18 20	1 24	24 41	0 57	16 53	0 48	24 14	0 38	16 55	0 8	22 37	0 26	18 29	2 22	4 52	4 22	2 33		n.a.
S 17	17 1	14 25	3 25	14 42	0 57	17 58	1 24	24 40	0 58	16 54	0 48	24 15	0 38	16 55	0 8	22 38	0 26	18 29	2 22	4 51	4 24	2 37		n.a.
M18	16 44	19 15	4 10	14 2	0 51	17 35	1 24	24 39	0 59	16 56	0 48	24 15	0 38	16 55	0 8	22 38	0 26	18 29	2 22	4 50	4 25	2 40		n.a.
T 19	16 26	23 23	4 44	13 22	0 44	17 12	1 24	24 38	0 59	16 57	0 48	24 15	0 38	16 55	0 8	22 38	0 26	18 29	2 21	4 51	4 26	2 44		n.a.
W20	16 8	26 34	5 6	12 42	0 38	16 49	1 24	24 37	1 0	16 59	0 48	24 15	0 38	16 55	0 8	22 38	0 26	18 29	2 21	4 51	4 27	2 47		n.a.
T 21	15 50	28 30	5 13	12 1	0 32	16 25	1 24	24 35	1 0	17 0	0 48	24 15	0 38	16 56	0 8	22 38	0 26	18 29	2 21	4 52	4 29	2 50		n.a.
F 22	15 32	28 52	5 4	11 20	0 25	16 1	1 24	24 33	1 1	17 2	0 48	24 16	0 38	16 56	0 8	22 39	0 26	18 29	2 21	4 54	4 30	2 54		n.a.
S 23	15 13	27 30	4 38	10 39	0 18	15 36	1 24	24 32	1 2	17 3	0 48	24 16	0 38	16 56	0 8	22 39	0 26	18 30	2 21	4 56	4 31	2 57		n.a.
S 24	14 54	24 22	3 54	9 57	0 11	15 10	1 24	24 30	1 2	17 4	0 48	24 16	0 38	16 57	0 8	22 39	0 26	18 30	2 21	4 57	4 32	3 1		n.a.
M25	14 35	19 39	2 54	9 16	0 4	14 45	1 24	24 27	1 3	17 5	0 49	24 16	0 38	16 57	0 8	22 39	0 26	18 30	2 20	4 59	4 34	3 4		n.a.
T 26	14 16	13 40	1 42	8 34	0s 3	14 19	1 23	24 25	1 3	17 7	0 49	24 16	0 38	16 57	0 8	22 40	0 26	18 30	2 20	5 0	4 35	3 8		n.a.
W27	13 56	6 52	0 21	7 53	0 10	13 52	1 23	24 22	1 4	17 8	0 49	24 17	0 38	16 57	0 8	22 40	0 26	18 30	2 20	5 0	4 36	3 11		n.a.
T 28	13 36	0s19	1s 0	7 11	0 17	13 25	1 22	24 20	1 5	17 9	0 49	24 17	0 38	16 58	0 8	22 40	0 26	18 30	2 20	5 0	4 37	3 15		n.a.
F 29	13 16	7 25	2 17	6 30	0 24	12 58	1 22	24 17	1 5	17 10	0 49	24 17	0 38	16 58	0 8	22 40	0 26	18 31	2 20	4 59	4 39	3 18		n.a.
S 30	12 56	14 1	3 24	5 48	0 31	12 30	1 21	24 14	1 6	17 11	0 49	24 17	0 38	16 59	0 8	22 40	0 26	18 31	2 19	4 59	4 40	3 22		n.a.
S 31	12n35	19s46	4s17	5n 7	0s39	12n 2	1n21	24n11	1n 6	17n12	0s49	24s17	0s39	16s59	0n 8	22s41	0s26	18s31	2n19	4s58	4s41	3n25		n.a.

Julian Day Number = 1373186.5, Delta T = 06h48m52s
Ecliptic obliquity = 23°48'42, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°14'19, Lahiri = -17°07'19 Julian Calendar 1 Aug. 954 BCE == Greg. Calendar 23 July 954 BCE

The year -953 astronomical counting style corresponds to year 954 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 954 BCE
geocentric

SEPTEMBER 954 BCE (-953) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 1 23	28♌19'10	26♏ 2	17♍12	3♍38	14♋29	19♉55	6°R34	16♏47	20°R19	1♐33	17°R37	18♓16	5♈12	n.a.	M 1
T 2	22 5 20	29°18'33	9♐40	18°39	4°53	15° 6	19°58	6♑32	16°49	20♑18	1°33	17♓36	18°13	5°19	n.a.	T 2
W 3	22 9 16	0♍17'59	23° 0	20° 5	6° 8	15°42	20° 1	6°30	16°50	20°16	1°34	17°35	18°10	5°26	n.a.	W 3
T 4	22 13 13	1°17'26	6♑ 4	21°30	7°23	16°19	20° 4	6°29	16°52	20°15	1°34	17°33	18° 7	5°32	n.a.	T 4
F 5	22 17 9	2°16'56	18°52	22°54	8°38	16°56	20° 7	6°27	16°53	20°14	1°34	17°31	18° 4	5°39	n.a.	F 5
S 6	22 21 6	3°16'27	1♒26	24°17	9°53	17°32	20° 9	6°26	16°55	20°13	1°35	17°29	18° 0	5°46	n.a.	S 6
S 7	22 25 3	4°16'00	13°48	25°39	11° 9	18° 9	20°11	6°24	16°56	20°12	1°35	17°27	17°57	5°52	n.a.	S 7
M 8	22 28 59	5°15'36	25°59	27° 0	12°24	18°45	20°13	6°23	16°58	20°11	1°36	17°26	17°54	5°59	n.a.	M 8
T 9	22 32 56	6°15'13	8♓ 2	28°19	13°39	19°21	20°15	6°22	17° 0	20°10	1°36	17°25	17°51	6° 6	n.a.	T 9
W10	22 36 52	7°14'53	19°57	29°38	14°54	19°58	20°17	6°21	17° 2	20° 9	1°37	17°D25	17°48	6°12	n.a.	W10
T 11	22 40 49	8°14'34	1♈48	0♎55	16° 9	20°34	20°18	6°20	17° 3	20° 8	1°37	17°25	17°45	6°19	n.a.	T 11
F 12	22 44 45	9°14'18	13°35	2°11	17°24	21°10	20°20	6°19	17° 5	20° 7	1°38	17°26	17°41	6°26	n.a.	F 12
S 13	22 48 42	10°14'04	25°23	3°26	18°40	21°46	20°21	6°18	17° 7	20° 6	1°38	17°27	17°38	6°32	n.a.	S 13
S 14	22 52 38	11°13'53	7♉15	4°39	19°55	22°23	20°22	6°18	17° 9	20° 5	1°39	17°27	17°35	6°39	n.a.	S 14
M15	22 56 35	12°13'44	19°14	5°50	21°10	22°59	20°22	6°17	17°11	20° 4	1°40	17°28	17°32	6°46	n.a.	M15
T 16	23 0 31	13°13'37	1♊24	7° 0	22°25	23°35	20°23	6°16	17°13	20° 3	1°40	17°28	17°29	6°52	n.a.	T 16
W17	23 4 28	14°13'33	13°51	8° 7	23°40	24°11	20°23	6°16	17°15	20° 3	1°41	17°R28	17°25	6°59	n.a.	W17
T 18	23 8 25	15°13'31	26°38	9°13	24°55	24°47	20°R23	6°16	17°17	20° 2	1°42	17°28	17°22	7° 6	n.a.	T 18
F 19	23 12 21	16°13'31	9♋48	10°16	26°11	25°23	20°23	6°16	17°19	20° 1	1°43	17°28	17°19	7°12	n.a.	F 19
S 20	23 16 18	17°13'34	23°26	11°16	27°26	25°59	20°23	6°D16	17°22	20° 0	1°43	17°D28	17°16	7°19	n.a.	S 20
S 21	23 20 14	18°13'39	7♌30	12°13	28°41	26°35	20°22	6°16	17°24	20° 0	1°44	17°28	17°13	7°26	n.a.	S 21
M22	23 24 11	19°13'46	22° 0	13° 7	29°56	27°11	20°21	6°16	17°26	19°59	1°45	17°28	17°10	7°32	n.a.	M22
T 23	23 28 7	20°13'55	6♍52	13°58	1♎11	27°46	20°20	6°16	17°28	19°58	1°46	17°28	17° 6	7°39	n.a.	T 23
W24	23 32 4	21°14'06	21°57	14°44	2°27	28°22	20°19	6°16	17°31	19°58	1°47	17°R28	17° 3	7°45	n.a.	W24
T 25	23 36 0	22°14'19	7♎ 8	15°26	3°42	28°58	20°18	6°17	17°33	19°57	1°48	17°28	17° 0	7°52	n.a.	T 25
F 26	23 39 57	23°14'34	22°15	16° 2	4°57	29°33	20°16	6°17	17°36	19°57	1°49	17°28	16°57	7°59	n.a.	F 26
S 27	23 43 54	24°14'51	7♏ 9	16°34	6°12	0♌ 9	20°15	6°18	17°38	19°56	1°50	17°27	16°54	8° 5	n.a.	S 27
S 28	23 47 50	25°15'10	21°42	16°59	7°27	0°45	20°13	6°19	17°41	19°56	1°51	17°26	16°51	8°12	n.a.	S 28
M29	23 51 47	26°15'30	5♐52	17°17	8°43	1°20	20°10	6°20	17°43	19°55	1°52	17°25	16°47	8°19	n.a.	M29
T 30	23 55 43	27♍15'52	19♐36	17♎28	9♎58	1♌55	20♉ 8	6♑21	17♏46	19♑55	1♐53	17♓25	16♓44	8♈25	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n14	24s19	4s54	4n25	0s46	11n34	1n20	24n 7	1n 7	17n13	0s49	24s17	0s39	16s59	0n 8	22s41	0s26	18s31	2n19	4s58	4s42	3n29		n.a.
T 2	11 53	27 24	5 13	3 44	0 53	11 5	1 19	24 4	1 8	17 14	0 49	24 17	0 39	17 0	0 8	22 41	0 26	18 32	2 19	4 58	4 44	3 32		n.a.
W 3	11 32	28 51	5 15	3 4	1 1	10 36	1 18	24 0	1 8	17 14	0 49	24 18	0 39	17 0	0 8	22 41	0 26	18 32	2 19	4 59	4 45	3 35		n.a.
T 4	11 11	28 40	5 0	2 23	1 8	10 7	1 17	23 56	1 9	17 15	0 49	24 18	0 39	17 1	0 8	22 41	0 26	18 32	2 19	4 59	4 46	3 39		n.a.
F 5	10 49	26 55	4 30	1 43	1 15	9 38	1 16	23 52	1 9	17 16	0 49	24 18	0 39	17 1	0 8	22 41	0 26	18 32	2 18	5 0	4 47	3 42		n.a.
S 6	10 28	23 51	3 48	1 3	1 22	9 8	1 15	23 48	1 10	17 16	0 49	24 18	0 39	17 2	0 8	22 42	0 26	18 32	2 18	5 1	4 49	3 46		n.a.
S 7	10 6	19 44	2 56	0 24	1 29	8 38	1 14	23 44	1 11	17 17	0 49	24 18	0 39	17 2	0 8	22 42	0 26	18 33	2 18	5 2	4 50	3 49		n.a.
M 8	9 44	14 52	1 56	0s15	1 36	8 8	1 13	23 39	1 11	17 17	0 49	24 18	0 39	17 3	0 8	22 42	0 26	18 33	2 18	5 3	4 51	3 53		n.a.
T 9	9 21	9 29	0 52	0 54	1 43	7 38	1 12	23 34	1 12	17 18	0 49	24 18	0 39	17 3	0 8	22 42	0 26	18 33	2 18	5 3	4 53	3 56		n.a.
W10	8 59	3 49	0n14	1 32	1 50	7 7	1 10	23 30	1 12	17 18	0 49	24 18	0 39	17 4	0 8	22 42	0 26	18 34	2 18	5 3	4 54	4 0		n.a.
T 11	8 36	1n56	1 19	2 9	1 57	6 36	1 9	23 25	1 13	17 19	0 49	24 18	0 39	17 4	0 8	22 42	0 26	18 34	2 17	5 3	4 55	4 3		n.a.
F 12	8 14	7 36	2 20	2 46	2 3	6 5	1 8	23 20	1 14	17 19	0 49	24 18	0 39	17 5	0 8	22 43	0 26	18 34	2 17	5 2	4 56	4 6		n.a.
S 13	7 51	13 0	3 16	3 22	2 9	5 34	1 6	23 14	1 14	17 19	0 49	24 18	0 39	17 5	0 8	22 43	0 26	18 34	2 17	5 2	4 58	4 10		n.a.
S 14	7 28	17 58	4 3	3 57	2 16	5 3	1 5	23 9	1 15	17 19	0 49	24 18	0 39	17 6	0 8	22 43	0 26	18 35	2 17	5 2	4 59	4 13		n.a.
M15	7 5	22 17	4 40	4 31	2 21	4 31	1 3	23 4	1 15	17 20	0 49	24 19	0 39	17 6	0 8	22 43	0 26	18 35	2 17	5 2	5 0	4 17		n.a.
T 16	6 41	25 44	5 5	5 4	2 27	4 0	1 2	22 58	1 16	17 20	0 49	24 19	0 39	17 7	0 8	22 43	0 26	18 35	2 17	5 1	5 1	4 20		n.a.
W17	6 18	28 4	5 17	5 36	2 32	3 28	1 0	22 52	1 17	17 20	0 49	24 19	0 39	17 8	0 8	22 43	0 26	18 36	2 16	5 1	5 3	4 24		n.a.
T 18	5 55	29 0	5 14	6 7	2 37	2 56	0 58	22 46	1 17	17 20	0 49	24 19	0 39	17 8	0 8	22 43	0 26	18 36	2 16	5 1	5 4	4 27		n.a.
F 19	5 31	28 20	4 54	6 36	2 42	2 24	0 57	22 40	1 18	17 20	0 49	24 19	0 39	17 9	0 8	22 43	0 26	18 36	2 16	5 2	5 5	4 31		n.a.
S 20	5 7	25 58	4 17	7 4	2 46	1 52	0 55	22 34	1 19	17 20	0 49	24 19	0 39	17 9	0 8	22 44	0 26	18 37	2 16	5 2	5 6	4 34		n.a.
S 21	4 43	21 58	3 24	7 30	2 50	1 20	0 53	22 28	1 19	17 19	0 49	24 19	0 39	17 10	0 8	22 44	0 26	18 37	2 16	5 2	5 8	4 37		n.a.
M22	4 20	16 33	2 17	7 55	2 53	0 48	0 51	22 21	1 20	17 19	0 49	24 19	0 39	17 11	0 7	22 44	0 26	18 37	2 16	5 1	5 9	4 41		n.a.
T 23	3 56	10 2	0 59	8 17	2 56	0 16	0 49	22 15	1 20	17 19	0 49	24 19	0 39	17 11	0 7	22 44	0 26	18 38	2 15	5 1	5 10	4 44		n.a.
W24	3 32	2 52	0s25	8 37	2 58	0s16	0 47	22 8	1 21	17 19	0 49	24 19	0 39	17 12	0 7	22 44	0 26	18 38	2 15	5 1	5 11	4 48		n.a.
T 25	3 8	4s31	1 47	8 55	2 59	0 48	0 45	22 1	1 22	17 18	0 49	24 19	0 39	17 13	0 7	22 44	0 26	18 38	2 15	5 1	5 13	4 51		n.a.
F 26	2 43	11 35	3 2	9 10	3 0	1 20	0 43	21 54	1 22	17 18	0 50	24 19	0 39	17 14	0 7	22 44	0 26	18 39	2 15	5 2	5 14	4 55		n.a.
S 27	2 19	17 55	4 2	9 22	2 59	1 52	0 41	21 47	1 23	17 17	0 50	24 19	0 39	17 14	0 7	22 44	0 26	18 39	2 15	5 2	5 15	4 58		n.a.
S 28	1 55	23 4	4 46	9 30	2 58	2 25	0 39	21 40	1 24	17 17	0 50	24 19	0 39	17 15	0 7	22 44	0 26	18 39	2 15	5 2	5 16	5 1		n.a.
M29	1 31	26 43	5 11	9 35	2 55	2 57	0 37	21 32	1 24	17 16	0 50	24 19	0 39	17 16	0 7	22 44	0 26	18 40	2 14	5 3	5 18	5 5		n.a.
T 30	1n 6	28s40	5s17	9s36	2s52	3s29	0n35	21n25	1n25	17n15	0s50	24s19	0s39	17s16	0n 7	22s44	0s26	18s40	2n14	5s 3	5s19	5n 8		n.a.

Julian Day Number = 1373217.5, Delta T = 06h48m51s
Ecliptic obliquity = 23°48'42, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°14'15, Lahiri = -17°07'14 Julian Calendar 1 Sept. 954 BCE == Greg. Calendar 23 Aug. 954 BCE

The year -953 astronomical counting style corresponds to year 954 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 954 BCE
geocentric

OCTOBER 954 BCE (-953) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 59 40	28♍16'16	2♉56	17°R31	11♎13	2♌31	20°R 5	6♉22	17♏48	19°R55	1♐54	17°D25	16♓41	8♈32	n.a.	W 1
T 2	0 3 36	29°16'40	15°52	17♎25	12°28	3° 6	20♉ 3	6°23	17°51	19♉54	1°55	17♓25	16°38	8°39	n.a.	T 2
F 3	0 7 33	0♎17'07	28°29	17° 9	13°43	3°41	20° 0	6°24	17°54	19°54	1°56	17°26	16°35	8°45	n.a.	F 3
S 4	0 11 29	1°17'35	10♒50	16°44	14°59	4°17	19°57	6°26	17°57	19°54	1°58	17°28	16°31	8°52	n.a.	S 4
S 5	0 15 26	2°18'04	22°59	16° 9	16°14	4°52	19°53	6°27	17°59	19°53	1°59	17°29	16°28	8°59	n.a.	S 5
M 6	0 19 23	3°18'35	4♓58	15°24	17°29	5°27	19°50	6°29	18° 2	19°53	2° 0	17°30	16°25	9° 5	n.a.	M 6
T 7	0 23 19	4°19'08	16°51	14°30	18°44	6° 2	19°46	6°30	18° 5	19°53	2° 1	17°R30	16°22	9°12	n.a.	T 7
W 8	0 27 16	5°19'42	28°41	13°26	19°59	6°37	19°42	6°32	18° 8	19°53	2° 3	17°30	16°19	9°19	n.a.	W 8
T 9	0 31 12	6°20'18	10♈30	12°15	21°14	7°12	19°38	6°34	18°11	19°53	2° 4	17°28	16°16	9°25	n.a.	T 9
F 10	0 35 9	7°20'55	22°19	10°59	22°29	7°47	19°34	6°36	18°14	19°53	2° 5	17°26	16°12	9°32	n.a.	F 10
S 11	0 39 5	8°21'35	4♉10	9°39	23°44	8°21	19°30	6°38	18°17	19°53	2° 7	17°23	16° 9	9°39	n.a.	S 11
S 12	0 43 2	9°22'15	16° 7	8°18	25° 0	8°56	19°25	6°40	18°20	19°D53	2° 8	17°19	16° 6	9°45	n.a.	S 12
M13	0 46 58	10°22'58	28°11	6°58	26°15	9°31	19°20	6°43	18°23	19°53	2°10	17°15	16° 3	9°52	n.a.	M13
T 14	0 50 55	11°23'42	10♊24	5°44	27°30	10° 5	19°15	6°45	18°26	19°53	2°11	17°12	16° 0	9°59	n.a.	T 14
W15	0 54 52	12°24'29	22°51	4°35	28°45	10°40	19°10	6°48	18°29	19°53	2°12	17° 9	15°57	10° 5	n.a.	W15
T 16	0 58 48	13°25'17	5♋34	3°36	29°59	11°14	19° 5	6°50	18°32	19°53	2°14	17° 8	15°53	10°12	n.a.	T 16
F 17	1 2 45	14°26'06	18°37	2°47	1♏15	11°49	18°59	6°53	18°35	19°53	2°15	17°D 7	15°50	10°19	n.a.	F 17
S 18	1 6 41	15°26'58	2♌ 3	2° 9	2°30	12°23	18°54	6°56	18°38	19°53	2°17	17° 8	15°47	10°25	n.a.	S 18
S 19	1 10 38	16°27'51	15°54	1°42	3°45	12°58	18°48	6°59	18°42	19°54	2°19	17°10	15°44	10°32	n.a.	S 19
M20	1 14 34	17°28'45	0♍11	1°27	5° 0	13°32	18°42	7° 2	18°45	19°54	2°20	17°11	15°41	10°39	n.a.	M20
T 21	1 18 31	18°29'41	14°52	1°D24	6°15	14° 6	18°36	7° 5	18°48	19°54	2°22	17°R12	15°37	10°45	n.a.	T 21
W22	1 22 27	19°30'39	29°53	1°31	7°30	14°40	18°30	7° 8	18°51	19°55	2°23	17°12	15°34	10°52	n.a.	W22
T 23	1 26 24	20°31'37	15♎ 5	1°49	8°45	15°14	18°23	7°11	18°55	19°55	2°25	17° 9	15°31	10°59	n.a.	T 23
F 24	1 30 21	21°32'38	0♏20	2°15	10° 0	15°48	18°17	7°14	18°58	19°55	2°27	17° 6	15°28	11° 5	n.a.	F 24
S 25	1 34 17	22°33'39	15°27	2°50	11°16	16°22	18°10	7°18	19° 1	19°56	2°28	17° 0	15°25	11°12	n.a.	S 25
S 26	1 38 14	23°34'41	0♐16	3°32	12°31	16°55	18° 3	7°21	19° 5	19°56	2°30	16°55	15°22	11°19	n.a.	S 26
M27	1 42 10	24°35'45	14°41	4°20	13°46	17°29	17°57	7°25	19° 8	19°57	2°32	16°49	15°18	11°25	n.a.	M27
T 28	1 46 7	25°36'49	28°36	5°15	15° 1	18° 3	17°50	7°29	19°11	19°57	2°34	16°45	15°15	11°32	n.a.	T 28
W29	1 50 3	26°37'54	12♑ 3	6°14	16°16	18°36	17°42	7°33	19°15	19°58	2°35	16°42	15°12	11°39	n.a.	W29
T 30	1 54 0	27°39'00	25° 2	7°17	17°31	19°10	17°35	7°36	19°18	19°59	2°37	16°D41	15° 9	11°45	n.a.	T 30
F 31	1 57 56	28♎40'06	7♒38	8♎25	18♏45	19♌43	17♉28	7♑40	19♏22	19♑59	2♐39	16♓41	15♓ 6	11♈52	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	0n42	28s53	5s 6	9s32	2s47	4s 1	0n32	21n18	1n26	17n15	0s50	24s19	0s39	17s17	0n 7	22s44	0s26	18s40	2n14	5s 3	5s20	5n12			n.a.
T 2	0 17	27 28	4 39	9 24	2 40	4 32	0 30	21 10	1 26	17 14	0 50	24 19	0 39	17 18	0 7	22 44	0 26	18 41	2 14	5 3	5 21	5 15			n.a.
F 3	0s 7	24 41	4 0	9 10	2 32	5 4	0 28	21 2	1 27	17 13	0 50	24 19	0 39	17 19	0 7	22 44	0 26	18 41	2 14	5 2	5 23	5 18			n.a.
S 4	0 31	20 49	3 10	8 51	2 22	5 36	0 26	20 54	1 28	17 12	0 50	24 18	0 39	17 20	0 7	22 45	0 26	18 42	2 14	5 2	5 24	5 22			n.a.
S 5	0 56	16 8	2 12	8 27	2 10	6 7	0 23	20 46	1 28	17 11	0 50	24 18	0 39	17 20	0 7	22 45	0 26	18 42	2 14	5 1	5 25	5 25			n.a.
M 6	1 20	10 54	1 9	7 57	1 57	6 39	0 21	20 38	1 29	17 10	0 50	24 18	0 39	17 21	0 7	22 45	0 26	18 42	2 13	5 1	5 26	5 29			n.a.
T 7	1 45	5 19	0 4	7 21	1 42	7 10	0 19	20 30	1 29	17 9	0 50	24 18	0 39	17 22	0 7	22 45	0 26	18 43	2 13	5 1	5 28	5 32			n.a.
W 8	2 9	0n24	1n 1	6 41	1 25	7 41	0 16	20 22	1 30	17 8	0 50	24 18	0 39	17 23	0 7	22 45	0 26	18 43	2 13	5 1	5 29	5 36			n.a.
T 9	2 33	6 6	2 4	5 56	1 6	8 12	0 14	20 13	1 31	17 7	0 50	24 18	0 39	17 24	0 7	22 45	0 26	18 44	2 13	5 1	5 30	5 39			n.a.
F 10	2 58	11 36	3 1	5 8	0 47	8 43	0 11	20 5	1 31	17 6	0 50	24 18	0 39	17 25	0 7	22 45	0 26	18 44	2 13	5 2	5 31	5 42			n.a.
S 11	3 22	16 42	3 50	4 17	0 27	9 13	0 9	19 56	1 32	17 5	0 49	24 18	0 39	17 25	0 7	22 45	0 26	18 44	2 13	5 4	5 33	5 46			n.a.
S 12	3 46	21 12	4 29	3 26	0 6	9 43	0 6	19 48	1 33	17 4	0 49	24 18	0 39	17 26	0 7	22 45	0 26	18 45	2 12	5 5	5 34	5 49			n.a.
M13	4 10	24 53	4 57	2 35	0n15	10 13	0 4	19 39	1 33	17 2	0 49	24 18	0 39	17 27	0 7	22 45	0 26	18 45	2 12	5 7	5 35	5 53			n.a.
T 14	4 34	27 30	5 12	1 47	0 35	10 43	0 1	19 30	1 34	17 1	0 49	24 18	0 39	17 28	0 7	22 45	0 26	18 46	2 12	5 8	5 36	5 56			n.a.
W15	4 59	28 49	5 13	1 2	0 54	11 13	0s 1	19 21	1 35	17 0	0 49	24 17	0 39	17 29	0 7	22 45	0 26	18 46	2 12	5 9	5 38	5 59			n.a.
T 16	5 23	28 39	4 58	0 22	1 11	11 42	0 4	19 12	1 35	16 58	0 49	24 17	0 40	17 30	0 7	22 45	0 26	18 47	2 12	5 10	5 39	6 3			n.a.
F 17	5 47	26 55	4 28	0n12	1 27	12 11	0 6	19 3	1 36	16 57	0 49	24 17	0 40	17 31	0 7	22 45	0 26	18 47	2 12	5 10	5 40	6 6			n.a.
S 18	6 10	23 37	3 43	0 41	1 41	12 40	0 9	18 54	1 37	16 55	0 49	24 17	0 40	17 32	0 7	22 45	0 26	18 48	2 12	5 9	5 41	6 10			n.a.
S 19	6 34	18 54	2 43	1 2	1 53	13 8	0 11	18 44	1 37	16 54	0 49	24 17	0 40	17 32	0 7	22 44	0 26	18 48	2 11	5 9	5 43	6 13			n.a.
M20	6 58	13 1	1 32	1 18	2 3	13 36	0 14	18 35	1 38	16 52	0 49	24 17	0 40	17 33	0 7	22 44	0 26	18 48	2 11	5 8	5 44	6 16			n.a.
T 21	7 21	6 15	0 13	1 27	2 12	14 4	0 16	18 26	1 39	16 50	0 49	24 17	0 40	17 34	0 7	22 44	0 26	18 49	2 11	5 8	5 45	6 20			n.a.
W22	7 45	1s 0	1s 9	1 30	2 18	14 32	0 19	18 16	1 40	16 49	0 49	24 17	0 40	17 35	0 7	22 44	0 26	18 49	2 11	5 8	5 46	6 23			n.a.
T 23	8 8	8 17	2 27	1 27	2 23	14 59	0 21	18 7	1 40	16 47	0 49	24 16	0 40	17 36	0 7	22 44	0 26	18 50	2 11	5 9	5 48	6 27			n.a.
F 24	8 32	15 6	3 34	1 19	2 26	15 25	0 24	17 57	1 41	16 45	0 49	24 16	0 40	17 37	0 7	22 44	0 26	18 50	2 11	5 10	5 49	6 30			n.a.
S 25	8 55	20 57	4 26	1 7	2 28	15 51	0 26	17 47	1 42	16 43	0 49	24 16	0 40	17 38	0 7	22 44	0 26	18 51	2 11	5 13	5 50	6 33			n.a.
S 26	9 18	25 22	4 58	0 51	2 29	16 17	0 29	17 38	1 42	16 42	0 49	24 16	0 40	17 39	0 7	22 44	0 26	18 51	2 10	5 15	5 51	6 37			n.a.
M27	9 40	28 4	5 11	0 31	2 29	16 43	0 31	17 28	1 43	16 40	0 49	24 16	0 40	17 40	0 7	22 44	0 26	18 52	2 10	5 17	5 53	6 40			n.a.
T 28	10 3	28 53	5 4	0 8	2 28	17 8	0 34	17 18	1 44	16 38	0 49	24 15	0 40	17 41	0 7	22 44	0 26	18 52	2 10	5 19	5 54	6 43			n.a.
W29	10 26	27 55	4 41	0s18	2 25	17 32	0 36	17 8	1 44	16 36	0 49	24 15	0 40	17 42	0 7	22 44	0 26	18 53	2 10	5 20	5 55	6 47			n.a.
T 30	10 48	25 27	4 4	0 46	2 22	17 56	0 39	16 58	1 45	16 34	0 49	24 15	0 40	17 43	0 7	22 44	0 26	18 53	2 10	5 20	5 56	6 50			n.a.
F 31	11s10	21s48	3s16	1s16	2n19	18s20	0s41	16n48	1n46	16n32	0s48	24s15	0s40	17s44	0n 7	22s44	0s26	18s54	2n10	5s20	5s58	6n54			n.a.

Julian Day Number = 1373247.5, Delta T = 06h48m49s
Ecliptic obliquity = 23°48'42, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°14'11, Lahiri = -17°07'10 Julian Calendar 1 Oct. 954 BCE == Greg. Calendar 22 Sept. 954 BCE

The year -953 astronomical counting style corresponds to year 954 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 954 BCE
geocentric

NOVEMBER 954 BCE (-953) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 1 53	29♎41'13	19♒54	9♎36	20♏ 0	20♌16	17°R20	7♑45	19♏25	20♑ 0	2♐41	16♓42	15♓ 2	11♈58	n.a.	S 1
S 2	2 5 50	0♏42'20	1♓57	10°49	21°15	20°49	17♉13	7°49	19°29	20° 1	2°43	16°44	14°59	12° 5	n.a.	S 2
M 3	2 9 46	1°43'28	13°50	12° 5	22°30	21°22	17° 5	7°53	19°32	20° 1	2°44	16°R45	14°56	12°12	n.a.	M 3
T 4	2 13 43	2°44'37	25°38	13°24	23°45	21°55	16°58	7°57	19°36	20° 2	2°46	16°44	14°53	12°18	n.a.	T 4
W 5	2 17 39	3°45'46	7♈25	14°44	25° 0	22°28	16°50	8° 2	19°39	20° 3	2°48	16°42	14°50	12°25	n.a.	W 5
T 6	2 21 36	4°46'56	19°14	16° 5	26°15	23° 1	16°42	8° 6	19°43	20° 4	2°50	16°37	14°47	12°32	n.a.	T 6
F 7	2 25 32	5°48'07	1♉ 7	17°28	27°30	23°34	16°34	8°11	19°46	20° 5	2°52	16°30	14°43	12°38	n.a.	F 7
S 8	2 29 29	6°49'18	13° 7	18°52	28°45	24° 6	16°26	8°15	19°50	20° 6	2°54	16°21	14°40	12°45	n.a.	S 8
S 9	2 33 25	7°50'30	25°13	20°17	29°59	24°39	16°18	8°20	19°53	20° 7	2°56	16°11	14°37	12°52	n.a.	S 9
M10	2 37 22	8°51'43	7♊28	21°44	1♐14	25°11	16°10	8°25	19°57	20° 8	2°58	16° 0	14°34	12°58	n.a.	M10
T 11	2 41 19	9°52'56	19°53	23°10	2°29	25°44	16° 2	8°30	20° 0	20° 9	3° 0	15°50	14°31	13° 5	n.a.	T 11
W12	2 45 15	10°54'10	2♋28	24°38	3°44	26°16	15°54	8°34	20° 4	20°10	3° 1	15°42	14°28	13°12	n.a.	W12
T 13	2 49 12	11°55'25	15°16	26° 6	4°59	26°48	15°46	8°40	20° 8	20°11	3° 3	15°36	14°24	13°18	n.a.	T 13
F 14	2 53 8	12°56'41	28°19	27°35	6°14	27°20	15°38	8°45	20°11	20°12	3° 5	15°33	14°21	13°25	n.a.	F 14
S 15	2 57 5	13°57'57	11♌39	29° 4	7°28	27°52	15°30	8°50	20°15	20°13	3° 7	15°D32	14°18	13°32	n.a.	S 15
S 16	3 1 1	14°59'14	25°19	0♏34	8°43	28°24	15°22	8°55	20°18	20°14	3° 9	15°32	14°15	13°38	n.a.	S 16
M17	3 4 58	16° 0'31	9♍19	2° 4	9°58	28°55	15°14	9° 0	20°22	20°15	3°11	15°R33	14°12	13°45	n.a.	M17
T 18	3 8 55	17° 1'49	23°40	3°34	11°12	29°27	15° 5	9° 6	20°26	20°17	3°13	15°33	14° 8	13°52	n.a.	T 18
W19	3 12 51	18° 3'07	8♎21	5° 5	12°27	29°58	14°57	9°11	20°29	20°18	3°15	15°31	14° 5	13°58	n.a.	W19
T 20	3 16 48	19° 4'26	23°17	6°36	13°42	0♍29	14°49	9°17	20°33	20°19	3°18	15°26	14° 2	14° 5	n.a.	T 20
F 21	3 20 44	20° 5'45	8♏20	8° 7	14°57	1° 1	14°41	9°22	20°37	20°20	3°20	15°19	13°59	14°12	n.a.	F 21
S 22	3 24 41	21° 7'04	23°21	9°39	16°11	1°32	14°33	9°28	20°40	20°22	3°22	15° 9	13°56	14°18	n.a.	S 22
S 23	3 28 37	22° 8'23	8♐11	11°11	17°26	2° 2	14°25	9°33	20°44	20°23	3°24	14°58	13°53	14°25	n.a.	S 23
M24	3 32 34	23° 9'43	22°40	12°43	18°40	2°33	14°17	9°39	20°48	20°25	3°26	14°47	13°49	14°32	n.a.	M24
T 25	3 36 30	24°11'02	6♑43	14°16	19°55	3° 4	14° 9	9°45	20°51	20°26	3°28	14°38	13°46	14°38	n.a.	T 25
W26	3 40 27	25°12'21	20°18	15°48	21°10	3°34	14° 1	9°51	20°55	20°27	3°30	14°30	13°43	14°45	n.a.	W26
T 27	3 44 24	26°13'39	3♒23	17°22	22°24	4° 5	13°53	9°57	20°58	20°29	3°32	14°25	13°40	14°52	n.a.	T 27
F 28	3 48 20	27°14'57	16° 3	18°55	23°39	4°35	13°45	10° 3	21° 2	20°30	3°34	14°23	13°37	14°58	n.a.	F 28
S 29	3 52 17	28°16'15	28°22	20°29	24°53	5° 5	13°38	10° 9	21° 6	20°32	3°36	14°D23	13°34	15° 5	n.a.	S 29
S 30	3 56 13	29♏17'32	10♓25	22♏ 3	26♐ 8	5♍35	13♉30	10♑15	21♏ 9	20♑34	3♐38	14°R23	13♓30	15♈12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s32	17s17	2s21	1s48	2n15	18s43	0s43	16n38	1n47	16n30	0s48	24s15	0s40	17s45	0n 7	22s44	0s26	18s54	2n10	5s20	5s59	6n57		n.a.
S 2	11 54	12 11	1 19	2 21	2 10	19 5	0 46	16 28	1 47	16 28	0 48	24 14	0 40	17 46	0 7	22 43	0 26	18 55	2 9	5 19	6 0	7 0		n.a.
M 3	12 15	6 42	0 16	2 56	2 5	19 27	0 48	16 18	1 48	16 26	0 48	24 14	0 40	17 47	0 7	22 43	0 26	18 55	2 9	5 19	6 1	7 4		n.a.
T 4	12 37	1 2	0n48	3 32	2 0	19 49	0 51	16 8	1 49	16 24	0 48	24 14	0 40	17 48	0 7	22 43	0 26	18 56	2 9	5 19	6 3	7 7		n.a.
W 5	12 58	4n40	1 49	4 9	1 54	20 10	0 53	15 58	1 50	16 22	0 48	24 14	0 40	17 49	0 7	22 43	0 26	18 56	2 9	5 20	6 4	7 10		n.a.
T 6	13 19	10 12	2 46	4 46	1 48	20 30	0 55	15 47	1 50	16 19	0 48	24 13	0 40	17 50	0 7	22 43	0 26	18 57	2 9	5 22	6 5	7 14		n.a.
F 7	13 40	15 24	3 36	5 24	1 41	20 50	0 57	15 37	1 51	16 17	0 48	24 13	0 40	17 50	0 7	22 43	0 26	18 57	2 9	5 24	6 6	7 17		n.a.
S 8	14 0	20 5	4 16	6 3	1 35	21 9	1 0	15 27	1 52	16 15	0 48	24 13	0 40	17 51	0 7	22 43	0 26	18 58	2 9	5 28	6 8	7 20		n.a.
S 9	14 20	23 59	4 46	6 41	1 28	21 28	1 2	15 16	1 53	16 13	0 48	24 13	0 40	17 52	0 7	22 42	0 26	18 58	2 9	5 32	6 9	7 24		n.a.
M10	14 40	26 51	5 2	7 20	1 21	21 46	1 4	15 6	1 53	16 11	0 47	24 12	0 40	17 53	0 7	22 42	0 26	18 59	2 8	5 36	6 10	7 27		n.a.
T 11	15 0	28 29	5 5	7 59	1 15	22 4	1 6	14 56	1 54	16 8	0 47	24 12	0 40	17 54	0 7	22 42	0 26	18 59	2 8	5 40	6 11	7 31		n.a.
W12	15 20	28 40	4 53	8 38	1 8	22 20	1 8	14 45	1 55	16 6	0 47	24 12	0 40	17 55	0 7	22 42	0 26	19 0	2 8	5 43	6 13	7 34		n.a.
T 13	15 39	27 19	4 26	9 18	1 1	22 36	1 10	14 35	1 56	16 4	0 47	24 11	0 40	17 56	0 7	22 42	0 26	19 0	2 8	5 46	6 14	7 37		n.a.
F 14	15 58	24 29	3 45	9 57	0 53	22 52	1 12	14 24	1 56	16 2	0 47	24 11	0 40	17 57	0 7	22 42	0 26	19 1	2 8	5 47	6 15	7 41		n.a.
S 15	16 17	20 17	2 51	10 35	0 46	23 7	1 14	14 14	1 57	15 59	0 47	24 11	0 40	17 58	0 7	22 42	0 26	19 1	2 8	5 47	6 16	7 44		n.a.
S 16	16 35	14 57	1 46	11 14	0 39	23 21	1 16	14 3	1 58	15 57	0 47	24 10	0 40	17 59	0 7	22 41	0 26	19 2	2 8	5 47	6 18	7 47		n.a.
M17	16 53	8 43	0 33	11 52	0 32	23 34	1 18	13 53	1 59	15 55	0 46	24 10	0 40	18 0	0 7	22 41	0 26	19 2	2 8	5 47	6 19	7 51		n.a.
T 18	17 11	1 53	0s43	12 30	0 25	23 47	1 20	13 42	1 59	15 53	0 46	24 10	0 40	18 1	0 7	22 41	0 26	19 3	2 8	5 47	6 20	7 54		n.a.
W19	17 28	5s10	1 59	13 8	0 18	23 59	1 21	13 32	2 0	15 50	0 46	24 9	0 40	18 2	0 7	22 41	0 26	19 3	2 7	5 48	6 21	7 57		n.a.
T 20	17 46	12 4	3 7	13 45	0 11	24 10	1 23	13 21	2 1	15 48	0 46	24 9	0 40	18 3	0 7	22 41	0 26	19 4	2 7	5 50	6 23	8 1		n.a.
F 21	18 2	18 19	4 3	14 22	0 4	24 21	1 25	13 11	2 2	15 46	0 46	24 9	0 40	18 4	0 7	22 40	0 26	19 4	2 7	5 53	6 24	8 4		n.a.
S 22	18 19	23 26	4 41	14 58	0s 3	24 31	1 26	13 0	2 3	15 44	0 46	24 8	0 40	18 5	0 7	22 40	0 26	19 5	2 7	5 56	6 25	8 7		n.a.
S 23	18 35	26 57	5 0	15 34	0 10	24 40	1 28	12 50	2 3	15 41	0 46	24 8	0 40	18 6	0 7	22 40	0 26	19 5	2 7	6 1	6 26	8 11		n.a.
M24	18 51	28 36	5 0	16 9	0 16	24 48	1 29	12 39	2 4	15 39	0 45	24 7	0 40	18 7	0 7	22 40	0 26	19 6	2 7	6 5	6 27	8 14		n.a.
T 25	19 7	28 19	4 41	16 44	0 23	24 56	1 31	12 29	2 5	15 37	0 45	24 7	0 40	18 8	0 7	22 40	0 26	19 6	2 7	6 9	6 29	8 17		n.a.
W26	19 22	26 18	4 6	17 18	0 29	25 2	1 32	12 18	2 6	15 35	0 45	24 7	0 40	18 9	0 7	22 39	0 26	19 7	2 7	6 12	6 30	8 21		n.a.
T 27	19 37	22 56	3 20	17 51	0 36	25 9	1 33	12 8	2 7	15 32	0 45	24 6	0 40	18 10	0 7	22 39	0 26	19 7	2 7	6 13	6 31	8 24		n.a.
F 28	19 51	18 34	2 24	18 23	0 42	25 14	1 35	11 57	2 7	15 30	0 45	24 6	0 40	18 11	0 7	22 39	0 26	19 8	2 6	6 14	6 32	8 27		n.a.
S 29	20 5	13 32	1 24	18 55	0 48	25 18	1 36	11 47	2 8	15 28	0 44	24 5	0 40	18 12	0 7	22 39	0 26	19 8	2 6	6 15	6 34	8 31		n.a.
S 30	20s19	8s 6	0s21	19s26	0s54	25s22	1s37	11n36	2n 9	15n26	0s44	24s 5	0s41	18s13	0n 7	22s38	0s26	19s 8	2n 6	6s14	6s35	8n34		n.a.

Julian Day Number = 1373278.5, Delta T = 06h48m48s
Ecliptic obliquity = 23°48'42, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°14'06, Lahiri = -17°07'06 Julian Calendar 1 Nov. 954 BCE == Greg. Calendar 23 Oct. 954 BCE

The year -953 astronomical counting style corresponds to year 954 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 954 BCE
geocentric

DECEMBER 954 BCE (-953) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 0 10	0♐18'48	22♓17	23♏38	27♐22	6♍ 4	13°R23	10♑21	21♏13	20♑35	3♐40	14°R23	13♓27	15♈18	n.a.	M 1
T 2	4 4 6	1°20'04	4♈ 5	25°13	28°36	6°34	13♉15	10°27	21°16	20°37	3°42	14♓21	13°24	15°25	n.a.	T 2
W 3	4 8 3	2°21'19	15°52	26°48	29°51	7° 3	13° 8	10°33	21°20	20°38	3°44	14°17	13°21	15°32	n.a.	W 3
T 4	4 12 0	3°22'34	27°44	28°24	1♑ 5	7°32	13° 1	10°40	21°24	20°40	3°47	14°10	13°18	15°38	n.a.	T 4
F 5	4 15 56	4°23'48	9♉42	0♐ 0	2°19	8° 1	12°53	10°46	21°27	20°42	3°49	14° 0	13°14	15°45	n.a.	F 5
S 6	4 19 53	5°25'02	21°51	1°37	3°34	8°30	12°46	10°52	21°31	20°43	3°51	13°47	13°11	15°52	n.a.	S 6
S 7	4 23 49	6°26'15	4♊10	3°14	4°48	8°59	12°40	10°59	21°34	20°45	3°53	13°33	13° 8	15°58	n.a.	S 7
M 8	4 27 46	7°27'28	16°41	4°51	6° 2	9°28	12°33	11° 5	21°38	20°47	3°55	13°19	13° 5	16° 5	n.a.	M 8
T 9	4 31 42	8°28'40	29°23	6°29	7°16	9°56	12°26	11°12	21°41	20°49	3°57	13° 5	13° 2	16°12	n.a.	T 9
W10	4 35 39	9°29'51	12♋17	8° 8	8°31	10°24	12°20	11°18	21°45	20°51	3°59	12°54	12°59	16°18	n.a.	W10
T 11	4 39 35	10°31'02	25°21	9°47	9°45	10°52	12°13	11°25	21°48	20°52	4° 1	12°45	12°55	16°25	n.a.	T 11
F 12	4 43 32	11°32'13	8♌36	11°26	10°59	11°20	12° 7	11°32	21°52	20°54	4° 3	12°39	12°52	16°32	n.a.	F 12
S 13	4 47 29	12°33'23	22° 2	13° 6	12°13	11°48	12° 1	11°38	21°55	20°56	4° 5	12°36	12°49	16°38	n.a.	S 13
S 14	4 51 25	13°34'32	5♍41	14°47	13°27	12°15	11°55	11°45	21°59	20°58	4° 7	12°35	12°46	16°45	n.a.	S 14
M15	4 55 22	14°35'41	19°33	16°28	14°41	12°42	11°49	11°52	22° 2	21° 0	4° 9	12°35	12°43	16°52	n.a.	M15
T 16	4 59 18	15°36'49	3♎40	18°10	15°55	13° 9	11°43	11°59	22° 6	21° 2	4°11	12°35	12°40	16°58	n.a.	T 16
W17	5 3 15	16°37'57	18° 0	19°52	17° 9	13°36	11°38	12° 6	22° 9	21° 4	4°13	12°32	12°36	17° 5	n.a.	W17
T 18	5 7 11	17°39'04	2♏31	21°35	18°23	14° 2	11°33	12°12	22°12	21° 6	4°16	12°27	12°33	17°12	n.a.	T 18
F 19	5 11 8	18°40'11	17° 8	23°18	19°37	14°29	11°27	12°19	22°16	21° 8	4°18	12°19	12°30	17°19	n.a.	F 19
S 20	5 15 5	19°41'16	1♐47	25° 2	20°50	14°55	11°22	12°26	22°19	21°10	4°20	12° 8	12°27	17°25	n.a.	S 20
S 21	5 19 1	20°42'21	16°18	26°46	22° 4	15°21	11°18	12°33	22°22	21°12	4°22	11°56	12°24	17°32	n.a.	S 21
M22	5 22 58	21°43'25	0♑35	28°30	23°18	15°46	11°13	12°40	22°26	21°14	4°24	11°43	12°20	17°39	n.a.	M22
T 23	5 26 54	22°44'27	14°32	0♑15	24°31	16°12	11° 9	12°47	22°29	21°16	4°26	11°32	12°17	17°45	n.a.	T 23
W24	5 30 51	23°45'29	28° 4	2° 1	25°45	16°37	11° 4	12°54	22°32	21°18	4°28	11°23	12°14	17°52	n.a.	W24
T 25	5 34 47	24°46'28	11♒11	3°46	26°59	17° 2	11° 0	13° 1	22°35	21°20	4°30	11°17	12°11	17°59	n.a.	T 25
F 26	5 38 44	25°47'27	23°54	5°32	28°12	17°26	10°56	13° 8	22°39	21°22	4°32	11°13	12° 8	18° 5	n.a.	F 26
S 27	5 42 40	26°48'24	6♓17	7°17	29°26	17°50	10°52	13°16	22°42	21°24	4°34	11°D12	12° 5	18°12	n.a.	S 27
S 28	5 46 37	27°49'19	18°22	9° 2	0♒39	18°14	10°49	13°23	22°45	21°26	4°36	11°12	12° 1	18°19	n.a.	S 28
M29	5 50 34	28°50'13	0♈17	10°47	1°52	18°38	10°46	13°30	22°48	21°28	4°38	11°R12	11°58	18°25	n.a.	M29
T 30	5 54 30	29°51'05	12° 6	12°31	3° 6	19° 1	10°42	13°37	22°51	21°30	4°39	11°12	11°55	18°32	n.a.	T 30
W31	5 58 27	0♑51'55	23♈55	14♑15	4♒19	19♍25	10♉39	13♑44	22♏54	21♑33	4♐41	11♓ 9	11♓52	18♈39	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s32	2s28	0n42	19s56	1s 0	25s25	1s38	11n26	2n10	15n24	0s44	24s 4	0s41	18s14	0n 7	22s38	0s26	19s 9	2n 6	6s15	6s36	8n37		n.a.
T 2	20 45	3n13	1 42	20 25	1 5	25 27	1 39	11 16	2 11	15 22	0 44	24 4	0 41	18 15	0 7	22 38	0 26	19 9	2 6	6 15	6 37	8 41		n.a.
W 3	20 57	8 46	2 39	20 53	1 11	25 28	1 40	11 5	2 12	15 20	0 44	24 4	0 41	18 16	0 7	22 38	0 26	19 10	2 6	6 17	6 39	8 44		n.a.
T 4	21 9	14 3	3 28	21 21	1 16	25 29	1 41	10 55	2 12	15 18	0 43	24 3	0 41	18 17	0 7	22 37	0 26	19 10	2 6	6 20	6 40	8 47		n.a.
F 5	21 21	18 52	4 9	21 47	1 21	25 29	1 41	10 45	2 13	15 16	0 43	24 3	0 41	18 18	0 7	22 37	0 26	19 11	2 6	6 23	6 41	8 50		n.a.
S 6	21 32	22 59	4 38	22 12	1 26	25 28	1 42	10 34	2 14	15 14	0 43	24 2	0 41	18 19	0 7	22 37	0 26	19 11	2 6	6 28	6 42	8 54		n.a.
S 7	21 43	26 9	4 56	22 36	1 30	25 26	1 43	10 24	2 15	15 12	0 43	24 2	0 41	18 20	0 7	22 37	0 26	19 12	2 6	6 34	6 44	8 57		n.a.
M 8	21 54	28 5	4 59	22 59	1 34	25 23	1 43	10 14	2 16	15 10	0 43	24 1	0 41	18 21	0 7	22 36	0 26	19 12	2 5	6 39	6 45	9 0		n.a.
T 9	22 4	28 36	4 48	23 21	1 38	25 20	1 44	10 4	2 17	15 8	0 42	24 1	0 41	18 22	0 7	22 36	0 26	19 13	2 5	6 45	6 46	9 4		n.a.
W10	22 13	27 35	4 22	23 41	1 42	25 16	1 44	9 54	2 18	15 6	0 42	24 0	0 41	18 23	0 7	22 36	0 26	19 13	2 5	6 49	6 47	9 7		n.a.
T 11	22 22	25 2	3 42	24 0	1 46	25 11	1 45	9 44	2 19	15 5	0 42	24 0	0 41	18 24	0 7	22 35	0 26	19 14	2 5	6 53	6 49	9 10		n.a.
F 12	22 31	21 6	2 49	24 18	1 49	25 5	1 45	9 34	2 19	15 3	0 42	23 59	0 41	18 25	0 7	22 35	0 26	19 14	2 5	6 55	6 50	9 14		n.a.
S 13	22 39	16 3	1 46	24 34	1 52	24 59	1 45	9 24	2 20	15 1	0 42	23 58	0 41	18 25	0 7	22 35	0 26	19 15	2 5	6 56	6 51	9 17		n.a.
S 14	22 47	10 8	0 36	24 49	1 54	24 52	1 45	9 14	2 21	15 0	0 41	23 58	0 41	18 26	0 7	22 35	0 26	19 15	2 5	6 56	6 52	9 20		n.a.
M15	22 54	3 38	0s37	25 3	1 57	24 44	1 45	9 5	2 22	14 58	0 41	23 57	0 41	18 27	0 7	22 34	0 26	19 16	2 5	6 56	6 53	9 23		n.a.
T 16	23 1	3s 8	1 49	25 14	1 58	24 35	1 45	8 55	2 23	14 56	0 41	23 57	0 41	18 28	0 7	22 34	0 26	19 16	2 5	6 57	6 55	9 27		n.a.
W17	23 8	9 51	2 55	25 25	2 0	24 26	1 45	8 45	2 24	14 55	0 41	23 56	0 41	18 29	0 7	22 34	0 26	19 17	2 5	6 58	6 56	9 30		n.a.
T 18	23 14	16 8	3 51	25 33	2 1	24 15	1 45	8 36	2 25	14 53	0 40	23 56	0 41	18 30	0 7	22 33	0 26	19 17	2 5	7 0	6 57	9 33		n.a.
F 19	23 19	21 33	4 32	25 40	2 2	24 5	1 44	8 26	2 26	14 52	0 40	23 55	0 41	18 31	0 7	22 33	0 26	19 18	2 5	7 3	6 58	9 37		n.a.
S 20	23 24	25 39	4 55	25 45	2 2	23 53	1 44	8 17	2 27	14 51	0 40	23 54	0 41	18 32	0 7	22 33	0 26	19 18	2 4	7 7	7 0	9 40		n.a.
S 21	23 29	28 3	4 59	25 48	2 1	23 41	1 44	8 7	2 28	14 49	0 40	23 54	0 41	18 33	0 7	22 32	0 26	19 18	2 4	7 12	7 1	9 43		n.a.
M22	23 33	28 33	4 44	25 49	2 1	23 28	1 43	7 58	2 28	14 48	0 39	23 53	0 41	18 33	0 7	22 32	0 26	19 19	2 4	7 16	7 2	9 46		n.a.
T 23	23 37	27 11	4 13	25 48	1 59	23 14	1 43	7 49	2 29	14 47	0 39	23 52	0 42	18 34	0 7	22 32	0 26	19 19	2 4	7 21	7 3	9 50		n.a.
W24	23 40	24 15	3 27	25 45	1 57	22 59	1 42	7 40	2 30	14 46	0 39	23 52	0 42	18 35	0 7	22 32	0 26	19 20	2 4	7 24	7 5	9 53		n.a.
T 25	23 42	20 7	2 32	25 40	1 55	22 44	1 41	7 31	2 31	14 45	0 39	23 51	0 42	18 36	0 7	22 31	0 26	19 20	2 4	7 27	7 6	9 56		n.a.
F 26	23 45	15 11	1 30	25 33	1 52	22 29	1 40	7 22	2 32	14 44	0 39	23 51	0 42	18 37	0 7	22 31	0 26	19 21	2 4	7 28	7 7	9 59		n.a.
S 27	23 46	9 45	0 26	25 24	1 48	22 12	1 39	7 13	2 33	14 43	0 38	23 50	0 42	18 38	0 7	22 31	0 26	19 21	2 4	7 28	7 8	10 3		n.a.
S 28	23 48	4 5	0n38	25 13	1 44	21 55	1 38	7 5	2 34	14 42	0 38	23 49	0 42	18 38	0 7	22 30	0 26	19 22	2 4	7 28	7 9	10 6		n.a.
M29	23 48	1n38	1 40	25 0	1 39	21 38	1 37	6 56	2 35	14 41	0 38	23 49	0 42	18 39	0 6	22 30	0 26	19 22	2 4	7 28	7 11	10 9		n.a.
T 30	23 49	7 15	2 36	24 45	1 33	21 19	1 36	6 48	2 36	14 40	0 38	23 48	0 42	18 40	0 6	22 30	0 26	19 22	2 4	7 29	7 12	10 12		n.a.
W31	23s48	12n36	3n26	24s28	1s26	21s 1	1s35	6n39	2n37	14n40	0s37	23s47	0s42	18s41	0n 6	22s29	0s26	19s23	2n 4	7s30	7s13	10n16		n.a.

Julian Day Number = 1373308.5, Delta T = 06h48m46s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°14'02, Lahiri = -17°07'02 Julian Calendar 1 Dec. 954 BCE == Greg. Calendar 22 Nov. 954 BCE

The year -953 astronomical counting style corresponds to year 954 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 953 BCE
geocentric

JANUARY 953 BCE (-952) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 2 23	1♉52'44	5♉49	15♉57	5♒32	19♍47	10°R37	13♉51	22♏57	21♉35	4♐43	11°R 4	11♓49	18♈45	n.a.	T 1
F 2	6 6 20	2°53'31	17°52	17°37	6°45	20°10	10♉34	13°59	23° 0	21°37	4°45	10♓56	11°46	18°52	n.a.	F 2
S 3	6 10 16	3°54'17	0♊ 8	19°16	7°58	20°32	10°32	14° 6	23° 3	21°39	4°47	10°46	11°42	18°59	n.a.	S 3
S 4	6 14 13	4°55'01	12°38	20°52	9°11	20°54	10°29	14°13	23° 6	21°41	4°49	10°34	11°39	19° 5	n.a.	S 4
M 5	6 18 9	5°55'43	25°24	22°25	10°24	21°16	10°27	14°21	23° 9	21°44	4°51	10°22	11°36	19°12	n.a.	M 5
T 6	6 22 6	6°56'24	8♋26	23°55	11°37	21°37	10°26	14°28	23°12	21°46	4°53	10°11	11°33	19°19	n.a.	T 6
W 7	6 26 3	7°57'03	21°41	25°20	12°50	21°58	10°24	14°35	23°15	21°48	4°54	10° 1	11°30	19°25	n.a.	W 7
T 8	6 29 59	8°57'40	5♌ 9	26°41	14° 3	22°18	10°23	14°42	23°18	21°50	4°56	9°53	11°26	19°32	n.a.	T 8
F 9	6 33 56	9°58'16	18°47	27°56	15°15	22°39	10°21	14°50	23°20	21°52	4°58	9°49	11°23	19°39	n.a.	F 9
S 10	6 37 52	10°58'51	2♍34	29° 5	16°28	22°58	10°20	14°57	23°23	21°55	5° 0	9°47	11°20	19°45	n.a.	S 10
S 11	6 41 49	11°59'24	16°27	0♒ 7	17°40	23°18	10°20	15° 4	23°26	21°57	5° 2	9°D47	11°17	19°52	n.a.	S 11
M12	6 45 45	12°59'56	0♎26	1° 2	18°53	23°37	10°19	15°12	23°29	21°59	5° 3	9°48	11°14	19°59	n.a.	M12
T 13	6 49 42	14° 0'26	14°31	1°48	20° 5	23°56	10°19	15°19	23°31	22° 1	5° 5	9°R48	11°11	20° 5	n.a.	T 13
W14	6 53 38	15° 0'54	28°40	2°26	21°17	24°14	10°D19	15°26	23°34	22° 4	5° 7	9°47	11° 7	20°12	n.a.	W14
T 15	6 57 35	16° 1'22	12♏52	2°54	22°30	24°32	10°19	15°34	23°36	22° 6	5° 8	9°44	11° 4	20°19	n.a.	T 15
F 16	7 1 32	17° 1'48	27° 4	3°12	23°42	24°49	10°19	15°41	23°39	22° 8	5°10	9°39	11° 1	20°25	n.a.	F 16
S 17	7 5 28	18° 2'12	11♐14	3°R20	24°54	25° 6	10°19	15°48	23°41	22°10	5°12	9°32	10°58	20°32	n.a.	S 17
S 18	7 9 25	19° 2'35	25°17	3°19	26° 6	25°23	10°20	15°56	23°44	22°13	5°13	9°23	10°55	20°39	n.a.	S 18
M19	7 13 21	20° 2'56	9♑ 8	3° 7	27°18	25°39	10°21	16° 3	23°46	22°15	5°15	9°15	10°52	20°45	n.a.	M19
T 20	7 17 18	21° 3'15	22°44	2°46	28°29	25°54	10°22	16°10	23°49	22°17	5°17	9° 7	10°48	20°52	n.a.	T 20
W21	7 21 14	22° 3'32	6♒ 2	2°15	29°41	26°10	10°23	16°18	23°51	22°20	5°18	9° 0	10°45	20°59	n.a.	W21
T 22	7 25 11	23° 3'47	19° 0	1°37	0♓53	26°24	10°24	16°25	23°53	22°22	5°20	8°56	10°42	21° 5	n.a.	T 22
F 23	7 29 8	24° 4'00	1♓39	0°51	2° 4	26°38	10°26	16°32	23°55	22°24	5°21	8°54	10°39	21°12	n.a.	F 23
S 24	7 33 4	25° 4'10	14° 0	29♑59	3°16	26°52	10°28	16°40	23°58	22°26	5°23	8°D54	10°36	21°19	n.a.	S 24
S 25	7 37 1	26° 4'19	26° 7	29° 2	4°27	27° 5	10°30	16°47	24° 0	22°29	5°24	8°55	10°32	21°26	n.a.	S 25
M26	7 40 57	27° 4'25	8♈ 3	28° 2	5°38	27°18	10°32	16°54	24° 2	22°31	5°26	8°57	10°29	21°32	n.a.	M26
T 27	7 44 54	28° 4'29	19°54	27° 0	6°49	27°30	10°34	17° 1	24° 4	22°33	5°27	8°58	10°26	21°39	n.a.	T 27
W28	7 48 50	29° 4'31	1♉44	25°58	8° 0	27°41	10°37	17° 9	24° 6	22°35	5°28	8°R58	10°23	21°46	n.a.	W28
T 29	7 52 47	0♒ 4'30	13°39	24°57	9°11	27°52	10°39	17°16	24° 8	22°38	5°30	8°57	10°20	21°52	n.a.	T 29
F 30	7 56 43	1° 4'28	25°44	23°58	10°22	28° 3	10°42	17°23	24°10	22°40	5°31	8°54	10°17	21°59	n.a.	F 30
S 31	8 0 40	2♒ 4'23	8♊ 2	23♑ 3	11♓32	28♍13	10♉45	17♑30	24♏12	22♑42	5♐33	8♓50	10♓13	22♈ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s48	17n33	4n 8	24s 9	1s19	20s41	1s33	6n31	2n38	14n39	0s37	23s46	0s42	18s42	0n 6	22s29	0s26	19s23	2n 4	7s32	7s14	10n19			n.a.
F 2	23 47	21 52	4 39	23 48	1 10	20 21	1 32	6 23	2 39	14 38	0 37	23 46	0 42	18 42	0 6	22 28	0 26	19 24	2 4	7 35	7 16	10 22			n.a.
S 3	23 45	25 20	4 57	23 25	1 1	20 1	1 30	6 15	2 40	14 38	0 37	23 45	0 42	18 43	0 6	22 28	0 26	19 24	2 3	7 39	7 17	10 25			n.a.
S 4	23 43	27 39	5 2	23 1	0 52	19 40	1 29	6 7	2 41	14 37	0 36	23 44	0 42	18 44	0 6	22 28	0 26	19 24	2 3	7 43	7 18	10 29			n.a.
M 5	23 41	28 36	4 52	22 35	0 41	19 18	1 27	5 59	2 42	14 37	0 36	23 44	0 42	18 45	0 6	22 27	0 26	19 25	2 3	7 48	7 19	10 32			n.a.
T 6	23 38	27 59	4 27	22 8	0 29	18 56	1 25	5 52	2 43	14 37	0 36	23 43	0 42	18 45	0 6	22 27	0 26	19 25	2 3	7 52	7 21	10 35			n.a.
W 7	23 34	25 46	3 47	21 40	0 17	18 33	1 24	5 44	2 44	14 36	0 36	23 42	0 42	18 46	0 6	22 27	0 26	19 26	2 3	7 56	7 22	10 38			n.a.
T 8	23 30	22 5	2 54	21 12	0 3	18 10	1 22	5 37	2 45	14 36	0 35	23 41	0 42	18 47	0 6	22 26	0 26	19 26	2 3	7 59	7 23	10 42			n.a.
F 9	23 26	17 10	1 50	20 43	0n11	17 47	1 20	5 30	2 46	14 36	0 35	23 41	0 43	18 48	0 6	22 26	0 26	19 26	2 3	8 0	7 24	10 45			n.a.
S 10	23 21	11 19	0 39	20 15	0 25	17 23	1 18	5 23	2 47	14 36	0 35	23 40	0 43	18 48	0 6	22 26	0 26	19 27	2 3	8 1	7 25	10 48			n.a.
S 11	23 16	4 53	0s36	19 47	0 41	16 58	1 15	5 16	2 48	14 36	0 35	23 39	0 43	18 49	0 6	22 25	0 26	19 27	2 3	8 1	7 27	10 51			n.a.
M12	23 10	1s50	1 48	19 19	0 56	16 33	1 13	5 9	2 49	14 36	0 34	23 38	0 43	18 50	0 6	22 25	0 26	19 28	2 3	8 1	7 28	10 54			n.a.
T 13	23 4	8 29	2 55	18 53	1 13	16 8	1 11	5 2	2 50	14 36	0 34	23 38	0 43	18 50	0 6	22 25	0 26	19 28	2 3	8 1	7 29	10 58			n.a.
W14	22 57	14 45	3 51	18 29	1 29	15 42	1 8	4 56	2 51	14 36	0 34	23 37	0 43	18 51	0 6	22 24	0 26	19 28	2 3	8 1	7 30	11 1			n.a.
T 15	22 50	20 16	4 33	18 6	1 46	15 16	1 6	4 50	2 52	14 36	0 34	23 36	0 43	18 52	0 6	22 24	0 26	19 29	2 3	8 2	7 32	11 4			n.a.
F 16	22 42	24 39	4 59	17 46	2 2	14 50	1 3	4 44	2 53	14 37	0 33	23 35	0 43	18 52	0 6	22 24	0 26	19 29	2 3	8 4	7 33	11 7			n.a.
S 17	22 34	27 31	5 6	17 28	2 19	14 23	1 1	4 38	2 54	14 37	0 33	23 34	0 43	18 53	0 6	22 23	0 26	19 29	2 3	8 7	7 34	11 10			n.a.
S 18	22 26	28 38	4 55	17 13	2 34	13 55	0 58	4 32	2 55	14 37	0 33	23 34	0 43	18 54	0 6	22 23	0 26	19 30	2 3	8 10	7 35	11 14			n.a.
M19	22 17	27 55	4 26	17 1	2 49	13 28	0 55	4 26	2 56	14 38	0 33	23 33	0 43	18 54	0 6	22 22	0 26	19 30	2 3	8 14	7 36	11 17			n.a.
T 20	22 8	25 31	3 43	16 53	3 3	13 0	0 53	4 21	2 57	14 39	0 33	23 32	0 43	18 55	0 6	22 22	0 26	19 30	2 2	8 17	7 38	11 20			n.a.
W21	21 58	21 46	2 48	16 47	3 16	12 32	0 50	4 16	2 58	14 39	0 32	23 31	0 43	18 55	0 6	22 22	0 26	19 31	2 2	8 19	7 39	11 23			n.a.
T 22	21 48	17 1	1 45	16 45	3 27	12 3	0 47	4 11	2 59	14 40	0 32	23 30	0 44	18 56	0 6	22 21	0 26	19 31	2 2	8 21	7 40	11 26			n.a.
F 23	21 38	11 40	0 39	16 46	3 36	11 35	0 44	4 6	3 0	14 41	0 32	23 29	0 44	18 57	0 6	22 21	0 26	19 31	2 2	8 21	7 41	11 30			n.a.
S 24	21 27	5 58	0n28	16 50	3 44	11 6	0 41	4 1	3 1	14 41	0 32	23 29	0 44	18 57	0 6	22 21	0 26	19 32	2 2	8 21	7 43	11 33			n.a.
S 25	21 16	0 10	1 32	16 56	3 49	10 36	0 37	3 57	3 2	14 42	0 31	23 28	0 44	18 58	0 6	22 20	0 26	19 32	2 2	8 21	7 44	11 36			n.a.
M26	21 4	5n33	2 32	17 5	3 52	10 7	0 34	3 53	3 3	14 43	0 31	23 27	0 44	18 58	0 6	22 20	0 26	19 32	2 2	8 20	7 45	11 39			n.a.
T 27	20 52	11 2	3 24	17 16	3 54	9 37	0 31	3 49	3 4	14 44	0 31	23 26	0 44	18 59	0 6	22 20	0 26	19 33	2 2	8 20	7 46	11 42			n.a.
W28	20 40	16 7	4 8	17 28	3 53	9 7	0 27	3 45	3 5	14 45	0 31	23 25	0 44	18 59	0 6	22 19	0 26	19 33	2 2	8 20	7 47	11 45			n.a.
T 29	20 27	20 38	4 41	17 43	3 50	8 37	0 24	3 41	3 6	14 46	0 30	23 24	0 44	19 0	0 6	22 19	0 26	19 33	2 2	8 20	7 49	11 49			n.a.
F 30	20 14	24 23	5 3	17 58	3 45	8 7	0 21	3 38	3 7	14 47	0 30	23 24	0 44	19 0	0 6	22 18	0 26	19 33	2 2	8 21	7 50	11 52			n.a.
S 31	20s 0	27n 6	5n11	18s14	3n38	7s36	0s17	3n35	3n 8	14n48	0s30	23s23	0s44	19s 1	0n 6	22s18	0s26	19s34	2n 2	8s23	7s51	11n55			n.a.

Julian Day Number = 1373339.5, Delta T = 06h48m45s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°13'58, Lahiri = -17°06'58 Julian Calendar 1 Jan. 953 BCE == Greg. Calendar 23 Dec. 954 BCE

The year -952 astronomical counting style corresponds to year 953 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 953 BCE
geocentric

FEBRUARY 953 BCE (-952) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 4 36	3♒ 4'15	20♊38	22°R12	12♓43	28♍22	10♉49	17♑37	24♏14	22♑45	5♐34	8°R44	10♓10	22♈12	n.a.	S 1
M 2	8 8 33	4° 4'06	3♋33	21♑27	13°53	28°31	10°52	17°45	24°16	22°47	5°35	8♓38	10° 7	22°19	n.a.	M 2
T 3	8 12 30	5° 3'54	16°48	20°47	15° 3	28°39	10°56	17°52	24°17	22°49	5°36	8°33	10° 4	22°26	n.a.	T 3
W 4	8 16 26	6° 3'40	0♌23	20°14	16°14	28°46	11° 0	17°59	24°19	22°51	5°38	8°28	10° 1	22°32	n.a.	W 4
T 5	8 20 23	7° 3'23	14°14	19°46	17°24	28°53	11° 4	18° 6	24°21	22°53	5°39	8°24	9°58	22°39	n.a.	T 5
F 6	8 24 19	8° 3'05	28°19	19°26	18°33	28°59	11° 8	18°13	24°22	22°56	5°40	8°22	9°54	22°46	n.a.	F 6
S 7	8 28 16	9° 2'44	12♍33	19°12	19°43	29° 5	11°12	18°20	24°24	22°58	5°41	8°D22	9°51	22°52	n.a.	S 7
S 8	8 32 12	10° 2'22	26°52	19° 4	20°53	29° 9	11°17	18°27	24°25	23° 0	5°42	8°23	9°48	22°59	n.a.	S 8
M 9	8 36 9	11° 1'57	11♎11	19°D 2	22° 2	29°14	11°22	18°34	24°27	23° 2	5°43	8°24	9°45	23° 6	n.a.	M 9
T 10	8 40 5	12° 1'31	25°29	19° 7	23°11	29°17	11°27	18°41	24°28	23° 4	5°44	8°26	9°42	23°12	n.a.	T 10
W11	8 44 2	13° 1'03	9♏41	19°17	24°20	29°20	11°32	18°48	24°30	23° 7	5°46	8°R27	9°38	23°19	n.a.	W11
T 12	8 47 59	14° 0'33	23°47	19°32	25°29	29°22	11°37	18°55	24°31	23° 9	5°47	8°26	9°35	23°26	n.a.	T 12
F 13	8 51 55	15° 0'01	7♐44	19°53	26°38	29°23	11°42	19° 2	24°32	23°11	5°48	8°25	9°32	23°32	n.a.	F 13
S 14	8 55 52	15°59'28	21°32	20°19	27°47	29°R24	11°48	19° 8	24°34	23°13	5°49	8°23	9°29	23°39	n.a.	S 14
S 15	8 59 48	16°58'52	5♑ 8	20°49	28°55	29°24	11°54	19°15	24°35	23°15	5°49	8°20	9°26	23°46	n.a.	S 15
M16	9 3 45	17°58'15	18°32	21°24	0♈ 4	29°23	11°59	19°22	24°36	23°17	5°50	8°16	9°23	23°53	n.a.	M16
T 17	9 7 41	18°57'35	1♒42	22° 2	1°12	29°21	12° 5	19°29	24°37	23°19	5°51	8°14	9°19	23°59	n.a.	T 17
W18	9 11 38	19°56'54	14°37	22°45	2°20	29°19	12°12	19°35	24°38	23°22	5°52	8°11	9°16	24° 6	n.a.	W18
T 19	9 15 34	20°56'10	27°18	23°31	3°28	29°16	12°18	19°42	24°39	23°24	5°53	8°10	9°13	24°13	n.a.	T 19
F 20	9 19 31	21°55'23	9♓45	24°20	4°36	29°12	12°25	19°49	24°40	23°26	5°54	8°D10	9°10	24°19	n.a.	F 20
S 21	9 23 28	22°54'35	21°59	25°13	5°43	29° 7	12°31	19°55	24°41	23°28	5°54	8°10	9° 7	24°26	n.a.	S 21
S 22	9 27 24	23°53'44	4♈ 2	26° 9	6°50	29° 2	12°38	20° 2	24°42	23°30	5°55	8°11	9° 4	24°33	n.a.	S 22
M23	9 31 21	24°52'51	15°58	27° 7	7°57	28°55	12°45	20° 8	24°42	23°32	5°56	8°13	9° 0	24°39	n.a.	M23
T 24	9 35 17	25°51'55	27°49	28° 9	9° 4	28°48	12°52	20°15	24°43	23°34	5°57	8°14	8°57	24°46	n.a.	T 24
W25	9 39 14	26°50'58	9♉39	29°13	10°11	28°40	12°59	20°21	24°44	23°36	5°57	8°15	8°54	24°53	n.a.	W25
T 26	9 43 10	27°49'57	21°34	0♒19	11°18	28°32	13° 7	20°27	24°44	23°38	5°58	8°15	8°51	24°59	n.a.	T 26
F 27	9 47 7	28°48'55	3♊38	1°28	12°24	28°23	13°14	20°34	24°45	23°40	5°58	8°R15	8°48	25° 6	n.a.	F 27
S 28	9 51 3	29°47'50	15°55	2°39	13°30	28°13	13°22	20°40	24°45	23°42	5°59	8°15	8°44	25°13	n.a.	S 28
S 29	9 55 0	0♓46'42	28♊30	3♒53	14♈36	28♍ 2	13♉30	20♑46	24♏46	23♑44	6♐ 0	8♓14	8♓41	25♈19	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s46	28n32	5n 4	18s30	3n29	7s 6	0s13	3n32	3n 9	14n50	0s30	23s22	0s44	19s 1	0n 6	22s18	0s26	19s34	2n 2	8s25	7s52	11n58		n.a.
M 2	19 32	28 28	4 42	18 47	3 20	6 35	0 10	3 29	3 9	14 51	0 30	23 21	0 44	19 2	0 6	22 17	0 26	19 34	2 2	8 27	7 54	12 1		n.a.
T 3	19 18	26 47	4 5	19 4	3 9	6 4	0 6	3 27	3 10	14 52	0 29	23 20	0 45	19 2	0 6	22 17	0 26	19 35	2 2	8 30	7 55	12 4		n.a.
W 4	19 3	23 31	3 13	19 20	2 57	5 33	0 2	3 25	3 11	14 54	0 29	23 19	0 45	19 2	0 6	22 17	0 27	19 35	2 2	8 31	7 56	12 8		n.a.
T 5	18 48	18 51	2 8	19 37	2 45	5 2	0n 1	3 23	3 12	14 55	0 29	23 18	0 45	19 3	0 6	22 16	0 27	19 35	2 2	8 33	7 57	12 11		n.a.
F 6	18 32	13 6	0 55	19 53	2 32	4 31	0 5	3 21	3 13	14 57	0 29	23 17	0 45	19 3	0 6	22 16	0 27	19 35	2 2	8 33	7 58	12 14		n.a.
S 7	18 16	6 36	0s23	20 8	2 18	4 0	0 9	3 20	3 14	14 58	0 28	23 17	0 45	19 4	0 6	22 16	0 27	19 36	2 2	8 34	8 0	12 17		n.a.
S 8	18 0	0s15	1 40	20 23	2 5	3 28	0 13	3 18	3 15	15 0	0 28	23 16	0 45	19 4	0 6	22 15	0 27	19 36	2 2	8 33	8 1	12 20		n.a.
M 9	17 44	7 6	2 50	20 36	1 51	2 57	0 17	3 17	3 15	15 2	0 28	23 15	0 45	19 4	0 6	22 15	0 27	19 36	2 2	8 33	8 2	12 23		n.a.
T 10	17 27	13 34	3 50	20 49	1 37	2 25	0 21	3 17	3 16	15 3	0 28	23 14	0 45	19 5	0 6	22 14	0 27	19 36	2 2	8 32	8 3	12 26		n.a.
W11	17 10	19 17	4 36	21 2	1 23	1 54	0 25	3 16	3 17	15 5	0 28	23 13	0 45	19 5	0 6	22 14	0 27	19 36	2 1	8 32	8 4	12 29		n.a.
T 12	16 53	23 54	5 4	21 13	1 10	1 22	0 29	3 16	3 18	15 7	0 27	23 12	0 45	19 5	0 6	22 14	0 27	19 37	2 1	8 32	8 6	12 33		n.a.
F 13	16 35	27 6	5 14	21 23	0 57	0 51	0 33	3 16	3 18	15 9	0 27	23 11	0 46	19 6	0 6	22 13	0 27	19 37	2 1	8 32	8 7	12 36		n.a.
S 14	16 17	28 38	5 6	21 32	0 44	0 19	0 38	3 17	3 19	15 11	0 27	23 10	0 46	19 6	0 6	22 13	0 27	19 37	2 1	8 33	8 8	12 39		n.a.
S 15	15 59	28 23	4 41	21 40	0 31	0n12	0 42	3 17	3 20	15 13	0 27	23 10	0 46	19 6	0 6	22 13	0 27	19 37	2 1	8 35	8 9	12 42		n.a.
M16	15 41	26 28	4 0	21 47	0 19	0 44	0 46	3 18	3 20	15 15	0 27	23 9	0 46	19 7	0 6	22 12	0 27	19 37	2 1	8 36	8 11	12 45		n.a.
T 17	15 22	23 8	3 8	21 52	0 7	1 15	0 50	3 19	3 21	15 17	0 26	23 8	0 46	19 7	0 6	22 12	0 27	19 38	2 1	8 37	8 12	12 48		n.a.
W18	15 3	18 43	2 6	21 56	0s 5	1 46	0 54	3 21	3 21	15 19	0 26	23 7	0 46	19 7	0 6	22 12	0 27	19 38	2 1	8 38	8 13	12 51		n.a.
T 19	14 44	13 32	1 0	22 0	0 16	2 18	0 59	3 22	3 22	15 21	0 26	23 6	0 46	19 7	0 6	22 11	0 27	19 38	2 1	8 38	8 14	12 54		n.a.
F 20	14 25	7 54	0n 9	22 1	0 27	2 49	1 3	3 24	3 22	15 23	0 26	23 5	0 46	19 8	0 6	22 11	0 27	19 38	2 1	8 38	8 15	12 57		n.a.
S 21	14 5	2 4	1 16	22 2	0 37	3 20	1 7	3 27	3 23	15 26	0 26	23 4	0 46	19 8	0 6	22 11	0 27	19 38	2 1	8 38	8 17	13 1		n.a.
S 22	13 46	3n44	2 18	22 1	0 47	3 51	1 12	3 29	3 23	15 28	0 25	23 4	0 47	19 8	0 6	22 10	0 27	19 39	2 1	8 38	8 18	13 4		n.a.
M23	13 26	9 21	3 14	21 59	0 56	4 22	1 16	3 32	3 23	15 30	0 25	23 3	0 47	19 8	0 6	22 10	0 27	19 39	2 1	8 37	8 19	13 7		n.a.
T 24	13 6	14 36	4 1	21 55	1 5	4 53	1 20	3 35	3 23	15 33	0 25	23 2	0 47	19 9	0 6	22 10	0 27	19 39	2 1	8 37	8 20	13 10		n.a.
W25	12 45	19 19	4 38	21 50	1 14	5 23	1 25	3 38	3 24	15 35	0 25	23 1	0 47	19 9	0 6	22 9	0 27	19 39	2 1	8 36	8 21	13 13		n.a.
T 26	12 25	23 19	5 4	21 44	1 22	5 54	1 29	3 42	3 24	15 38	0 25	23 0	0 47	19 9	0 6	22 9	0 27	19 39	2 1	8 36	8 23	13 16		n.a.
F 27	12 4	26 22	5 16	21 35	1 29	6 24	1 34	3 46	3 24	15 40	0 24	22 59	0 47	19 9	0 6	22 9	0 27	19 39	2 1	8 36	8 24	13 19		n.a.
S 28	11 43	28 15	5 14	21 26	1 36	6 54	1 38	3 50	3 24	15 43	0 24	22 58	0 47	19 9	0 6	22 8	0 27	19 39	2 1	8 36	8 25	13 22		n.a.
S 29	11s22	28n46	4n57	21s15	1s43	7n24	1n42	3n54	3n24	15n45	0s24	22s58	0s47	19s 9	0n 6	22s 8	0s27	19s40	2n 1	8s37	8s26	13n25		n.a.

Julian Day Number = 1373370.5, Delta T = 06h48m43s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°13'54, Lahiri = -17°06'54 Julian Calendar 1 Feb. 953 BCE == Greg. Calendar 23 Jan. 953 BCE

The year -952 astronomical counting style corresponds to year 953 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 953 BCE
geocentric

MARCH 953 BCE (-952) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 58 56	1♓45'32	11♋26	5♒ 8	15♈41	27°R50	13♉37	20♊52	24♏46	23♊45	6♐ 0	8°R13	8♓38	25♈26	n.a.	M 1
T 2	10 2 53	2°44'20	24°46	6°25	16°47	27♍38	13°46	20°59	24°47	23°47	6° 1	8♓13	8°35	25°33	n.a.	T 2
W 3	10 6 50	3°43'06	8♌29	7°45	17°52	27°25	13°54	21° 5	24°47	23°49	6° 1	8°12	8°32	25°40	n.a.	W 3
T 4	10 10 46	4°41'49	22°36	9° 6	18°57	27°11	14° 2	21°11	24°47	23°51	6° 1	8°12	8°29	25°46	n.a.	T 4
F 5	10 14 43	5°40'30	7♍ 1	10°29	20° 1	26°57	14°10	21°17	24°47	23°53	6° 2	8°D12	8°25	25°53	n.a.	F 5
S 6	10 18 39	6°39'09	21°40	11°54	21° 5	26°42	14°19	21°22	24°47	23°55	6° 2	8°12	8°22	26° 0	n.a.	S 6
S 7	10 22 36	7°37'45	6♎27	13°21	22° 9	26°26	14°28	21°28	24°48	23°56	6° 2	8°12	8°19	26° 6	n.a.	S 7
M 8	10 26 32	8°36'20	21°13	14°49	23°13	26°10	14°36	21°34	24°R48	23°58	6° 3	8°R12	8°16	26°13	n.a.	M 8
T 9	10 30 29	9°34'53	5♏53	16°19	24°17	25°53	14°45	21°40	24°48	24° 0	6° 3	8°12	8°13	26°20	n.a.	T 9
W10	10 34 25	10°33'25	20°20	17°51	25°20	25°35	14°54	21°46	24°48	24° 2	6° 3	8°12	8° 9	26°26	n.a.	W10
T 11	10 38 22	11°31'54	4♐33	19°25	26°23	25°17	15° 4	21°51	24°47	24° 3	6° 3	8°12	8° 6	26°33	n.a.	T 11
F 12	10 42 19	12°30'23	18°27	21° 0	27°25	24°59	15°13	21°57	24°47	24° 5	6° 4	8°D12	8° 3	26°40	n.a.	F 12
S 13	10 46 15	13°28'49	2♑ 4	22°37	28°28	24°40	15°22	22° 2	24°47	24° 7	6° 4	8°12	8° 0	26°46	n.a.	S 13
S 14	10 50 12	14°27'13	15°22	24°16	29°29	24°20	15°32	22° 8	24°47	24° 8	6° 4	8°12	7°57	26°53	n.a.	S 14
M15	10 54 8	15°25'36	28°25	25°56	0♉31	24° 0	15°41	22°13	24°47	24°10	6° 4	8°13	7°54	27° 0	n.a.	M15
T 16	10 58 5	16°23'57	11♒13	27°38	1°32	23°40	15°51	22°18	24°46	24°11	6° 4	8°14	7°50	27° 6	n.a.	T 16
W17	11 2 1	17°22'16	23°47	29°22	2°33	23°19	16° 1	22°24	24°46	24°13	6°R 4	8°14	7°47	27°13	n.a.	W17
T 18	11 5 58	18°20'34	6♓10	1♓ 7	3°34	22°58	16°11	22°29	24°45	24°14	6° 4	8°R15	7°44	27°20	n.a.	T 18
F 19	11 9 54	19°18'49	18°22	2°54	4°34	22°36	16°21	22°34	24°45	24°16	6° 4	8°14	7°41	27°27	n.a.	F 19
S 20	11 13 51	20°17'03	0♈26	4°43	5°34	22°15	16°31	22°39	24°44	24°17	6° 4	8°14	7°38	27°33	n.a.	S 20
S 21	11 17 47	21°15'14	12°24	6°33	6°33	21°53	16°41	22°44	24°44	24°19	6° 4	8°12	7°35	27°40	n.a.	S 21
M22	11 21 44	22°13'24	24°16	8°25	7°32	21°31	16°51	22°49	24°43	24°20	6° 4	8°10	7°31	27°47	n.a.	M22
T 23	11 25 41	23°11'32	6♉ 6	10°19	8°31	21° 9	17° 2	22°54	24°42	24°22	6° 3	8° 8	7°28	27°53	n.a.	T 23
W24	11 29 37	24° 9'37	17°57	12°15	9°29	20°47	17°12	22°58	24°42	24°23	6° 3	8° 6	7°25	28° 0	n.a.	W24
T 25	11 33 34	25° 7'41	29°52	14°12	10°27	20°25	17°23	23° 3	24°41	24°24	6° 3	8° 4	7°22	28° 7	n.a.	T 25
F 26	11 37 30	26° 5'43	11♊55	16°11	11°24	20° 3	17°33	23° 8	24°40	24°26	6° 3	8° 2	7°19	28°13	n.a.	F 26
S 27	11 41 27	27° 3'43	24°10	18°11	12°21	19°41	17°44	23°12	24°39	24°27	6° 2	8°D 2	7°15	28°20	n.a.	S 27
S 28	11 45 23	28° 1'40	6♋41	20°13	13°17	19°20	17°55	23°17	24°38	24°28	6° 2	8° 2	7°12	28°27	n.a.	S 28
M29	11 49 20	28°59'36	19°33	22°17	14°12	18°58	18° 6	23°21	24°37	24°30	6° 2	8° 3	7° 9	28°33	n.a.	M29
T 30	11 53 16	29°57'30	2♌49	24°22	15° 8	18°37	18°17	23°25	24°36	24°31	6° 1	8° 4	7° 6	28°40	n.a.	T 30
W31	11 57 13	0♈55'22	16♌31	26♓28	16♉ 2	18♍16	18♉28	23♊30	24♏35	24♊32	6♐ 1	8♓ 5	7♓ 3	28♈47	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	11s 1	27n43	4n25	21s 2	1s49	7n54	1n47	3n59	3n24	15n48	0s24	22s57	0s48	19s 9	0n 6	22s 8	0s27	19s40	2n 1	8s37	8s27	13n28			n.a.
T 2	10 39	25 5	3 38	20 48	1 55	8 24	1 51	4 3	3 23	15 50	0 24	22 56	0 48	19 9	0 6	22 7	0 27	19 40	2 1	8 37	8 29	13 31			n.a.
W 3	10 18	20 57	2 37	20 33	2 0	8 53	1 55	4 8	3 23	15 53	0 24	22 55	0 48	19 9	0 6	22 7	0 27	19 40	2 1	8 37	8 30	13 34			n.a.
T 4	9 56	15 32	1 26	20 15	2 4	9 22	2 0	4 14	3 23	15 56	0 23	22 54	0 48	19 10	0 6	22 7	0 27	19 40	2 1	8 37	8 31	13 37			n.a.
F 5	9 34	9 10	0 7	19 56	2 8	9 51	2 4	4 19	3 22	15 58	0 23	22 53	0 48	19 10	0 6	22 6	0 27	19 40	2 1	8 37	8 32	13 40			n.a.
S 6	9 12	2 13	1s14	19 36	2 12	10 20	2 8	4 25	3 22	16 1	0 23	22 53	0 48	19 10	0 6	22 6	0 27	19 40	2 1	8 37	8 34	13 44			n.a.
S 7	8 50	4s54	2 30	19 14	2 15	10 48	2 13	4 30	3 21	16 4	0 23	22 52	0 48	19 10	0 6	22 6	0 27	19 40	2 1	8 37	8 35	13 47			n.a.
M 8	8 28	11 44	3 37	18 50	2 18	11 16	2 17	4 36	3 21	16 7	0 23	22 51	0 48	19 10	0 6	22 6	0 27	19 40	2 1	8 37	8 36	13 50			n.a.
T 9	8 6	17 53	4 28	18 25	2 20	11 44	2 21	4 42	3 20	16 9	0 22	22 50	0 49	19 10	0 6	22 5	0 27	19 40	2 0	8 37	8 37	13 53			n.a.
W10	7 43	22 57	5 2	17 57	2 21	12 12	2 25	4 49	3 19	16 12	0 22	22 49	0 49	19 10	0 6	22 5	0 27	19 41	2 0	8 38	8 38	13 56			n.a.
T 11	7 21	26 34	5 17	17 29	2 22	12 39	2 29	4 55	3 18	16 15	0 22	22 49	0 49	19 10	0 6	22 5	0 27	19 41	2 0	8 38	8 40	13 59			n.a.
F 12	6 58	28 29	5 12	16 58	2 23	13 6	2 33	5 2	3 17	16 18	0 22	22 48	0 49	19 10	0 6	22 5	0 27	19 41	2 0	8 38	8 41	14 2			n.a.
S 13	6 36	28 38	4 50	16 26	2 23	13 32	2 38	5 8	3 16	16 21	0 22	22 47	0 49	19 10	0 6	22 4	0 27	19 41	2 0	8 37	8 42	14 5			n.a.
S 14	6 13	27 6	4 13	15 52	2 23	13 59	2 42	5 15	3 15	16 24	0 22	22 46	0 49	19 10	0 6	22 4	0 27	19 41	2 0	8 37	8 43	14 8			n.a.
M15	5 50	24 7	3 23	15 17	2 21	14 24	2 46	5 22	3 13	16 27	0 21	22 46	0 49	19 9	0 6	22 4	0 27	19 41	2 0	8 37	8 44	14 11			n.a.
T 16	5 27	19 59	2 24	14 40	2 20	14 50	2 50	5 29	3 12	16 30	0 21	22 45	0 50	19 9	0 6	22 3	0 27	19 41	2 0	8 37	8 46	14 14			n.a.
W17	5 4	15 3	1 19	14 1	2 18	15 15	2 53	5 36	3 11	16 33	0 21	22 44	0 50	19 9	0 6	22 3	0 27	19 41	2 0	8 37	8 47	14 17			n.a.
T 18	4 41	9 34	0 12	13 21	2 15	15 40	2 57	5 43	3 9	16 36	0 21	22 43	0 50	19 9	0 6	22 3	0 27	19 41	2 0	8 36	8 48	14 20			n.a.
F 19	4 18	3 49	0n56	12 39	2 12	16 5	3 1	5 50	3 7	16 39	0 21	22 43	0 50	19 9	0 6	22 3	0 27	19 41	2 0	8 36	8 49	14 23			n.a.
S 20	3 54	2n 0	2 0	11 55	2 8	16 29	3 5	5 57	3 6	16 42	0 21	22 42	0 50	19 9	0 6	22 2	0 27	19 41	2 0	8 37	8 50	14 26			n.a.
S 21	3 31	7 42	2 58	11 10	2 4	16 52	3 8	6 4	3 4	16 45	0 20	22 41	0 50	19 9	0 6	22 2	0 27	19 41	2 0	8 37	8 52	14 29			n.a.
M22	3 8	13 4	3 48	10 23	1 59	17 15	3 12	6 11	3 2	16 48	0 20	22 41	0 50	19 9	0 6	22 2	0 27	19 41	2 0	8 38	8 53	14 32			n.a.
T 23	2 45	17 58	4 28	9 34	1 54	17 38	3 15	6 18	3 0	16 52	0 20	22 40	0 51	19 8	0 6	22 2	0 27	19 41	2 0	8 39	8 54	14 35			n.a.
W24	2 21	22 11	4 56	8 44	1 48	18 1	3 19	6 25	2 58	16 55	0 20	22 39	0 51	19 8	0 6	22 2	0 28	19 41	2 0	8 40	8 55	14 38			n.a.
T 25	1 58	25 31	5 12	7 52	1 42	18 23	3 22	6 32	2 56	16 58	0 20	22 39	0 51	19 8	0 6	22 1	0 28	19 41	2 0	8 41	8 56	14 41			n.a.
F 26	1 35	27 46	5 15	6 59	1 35	18 44	3 26	6 39	2 53	17 1	0 20	22 38	0 51	19 8	0 6	22 1	0 28	19 41	2 0	8 41	8 58	14 44			n.a.
S 27	1 11	28 44	5 3	6 5	1 27	19 5	3 29	6 45	2 51	17 4	0 20	22 37	0 51	19 8	0 6	22 1	0 28	19 41	2 0	8 41	8 59	14 47			n.a.
S 28	0 48	28 15	4 37	5 9	1 19	19 26	3 32	6 52	2 49	17 8	0 19	22 37	0 51	19 7	0 6	22 1	0 28	19 41	2 0	8 41	9 0	14 50			n.a.
M29	0 24	26 16	3 56	4 12	1 11	19 46	3 35	6 58	2 46	17 11	0 19	22 36	0 51	19 7	0 6	22 1	0 28	19 41	2 0	8 41	9 1	14 53			n.a.
T 30	0 1	22 47	3 2	3 13	1 2	20 5	3 38	7 4	2 44	17 14	0 19	22 35	0 52	19 7	0 6	22 0	0 28	19 41	2 0	8 40	9 2	14 56			n.a.
W31	0n22	17n58	1n56	2s14	0s53	20n24	3n40	7n10	2n41	17n17	0s19	22s35	0s52	19s 7	0n 6	22s 0	0s28	19s41	2n 0	8s40	9s 4	14n59			n.a.

Julian Day Number = 1373399.5, Delta T = 06h48m42s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°13'50, Lahiri = -17°06'50 Julian Calendar 1 March 953 BCE == Greg. Calendar 21 Feb. 953 BCE

The year -952 astronomical counting style corresponds to year 953 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 953 BCE
geocentric

APRIL 953 BCE (-952) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 1 10	1♈53'11	0♍40	28♓35	16♉56	17°R55	18♉39	23♑34	24°R34	24♑33	6°R 1	8♓ 6	7♓ 0	28♈54	n.a.	T 1
F 2	12 5 6	2°51'00	15°13	0♈44	17°50	17♍35	18°50	23°38	24♏33	24°34	6♐ 0	8°R 6	6°56	29° 0	n.a.	F 2
S 3	12 9 3	3°48'46	0♎ 6	2°53	18°42	17°15	19° 2	23°42	24°31	24°35	6° 0	8° 5	6°53	29° 7	n.a.	S 3
S 4	12 12 59	4°46'30	15°12	5° 3	19°35	16°56	19°13	23°46	24°30	24°36	5°59	8° 3	6°50	29°14	n.a.	S 4
M 5	12 16 56	5°44'14	0♏21	7°14	20°26	16°37	19°25	23°49	24°29	24°37	5°59	7°59	6°47	29°20	n.a.	M 5
T 6	12 20 52	6°41'56	15°23	9°24	21°17	16°18	19°36	23°53	24°28	24°38	5°58	7°56	6°44	29°27	n.a.	T 6
W 7	12 24 49	7°39'36	0♐10	11°34	22° 7	16° 0	19°48	23°57	24°26	24°39	5°57	7°52	6°41	29°34	n.a.	W 7
T 8	12 28 45	8°37'16	14°36	13°44	22°56	15°43	19°59	24° 0	24°25	24°40	5°57	7°49	6°37	29°40	n.a.	T 8
F 9	12 32 42	9°34'54	28°38	15°54	23°45	15°26	20°11	24° 4	24°23	24°41	5°56	7°47	6°34	29°47	n.a.	F 9
S 10	12 36 39	10°32'31	12♑14	18° 2	24°33	15°10	20°23	24° 7	24°22	24°42	5°56	7°D47	6°31	29°54	n.a.	S 10
S 11	12 40 35	11°30'07	25°27	20° 9	25°20	14°54	20°35	24°11	24°20	24°43	5°55	7°47	6°28	0♉ 1	n.a.	S 11
M12	12 44 32	12°27'42	8♒18	22°15	26° 6	14°39	20°47	24°14	24°19	24°44	5°54	7°49	6°25	0° 7	n.a.	M12
T 13	12 48 28	13°25'16	20°52	24°19	26°52	14°25	20°59	24°17	24°17	24°44	5°53	7°50	6°21	0°14	n.a.	T 13
W14	12 52 25	14°22'49	3♓11	26°21	27°36	14°11	21°11	24°20	24°15	24°45	5°53	7°R51	6°18	0°21	n.a.	W14
T 15	12 56 21	15°20'20	15°20	28°21	28°19	13°59	21°23	24°23	24°14	24°46	5°52	7°51	6°15	0°27	n.a.	T 15
F 16	13 0 18	16°17'51	27°21	0♉18	29° 2	13°47	21°35	24°26	24°12	24°47	5°51	7°49	6°12	0°34	n.a.	F 16
S 17	13 4 14	17°15'20	9♈16	2°13	29°44	13°35	21°47	24°29	24°10	24°47	5°50	7°45	6° 9	0°41	n.a.	S 17
S 18	13 8 11	18°12'48	21° 8	4° 6	0♊24	13°25	22° 0	24°32	24° 9	24°48	5°49	7°40	6° 6	0°47	n.a.	S 18
M19	13 12 7	19°10'15	2♉59	5°56	1° 4	13°15	22°12	24°34	24° 7	24°48	5°48	7°33	6° 2	0°54	n.a.	M19
T 20	13 16 4	20° 7'40	14°50	7°43	1°42	13° 7	22°24	24°37	24° 5	24°49	5°48	7°25	5°59	1° 1	n.a.	T 20
W21	13 20 1	21° 5'05	26°43	9°27	2°19	12°59	22°37	24°39	24° 3	24°50	5°47	7°17	5°56	1° 7	n.a.	W21
T 22	13 23 57	22° 2'28	8♊40	11° 9	2°55	12°51	22°49	24°41	24° 1	24°50	5°46	7°10	5°53	1°14	n.a.	T 22
F 23	13 27 54	22°59'50	20°45	12°47	3°29	12°45	23° 2	24°44	23°59	24°51	5°45	7° 4	5°50	1°21	n.a.	F 23
S 24	13 31 50	23°57'11	3♋ 0	14°23	4° 3	12°40	23°14	24°46	23°57	24°51	5°44	7° 0	5°46	1°28	n.a.	S 24
S 25	13 35 47	24°54'31	15°29	15°56	4°35	12°35	23°27	24°48	23°55	24°51	5°43	6°57	5°43	1°34	n.a.	S 25
M26	13 39 43	25°51'49	28°17	17°25	5° 5	12°31	23°40	24°50	23°53	24°52	5°42	6°D57	5°40	1°41	n.a.	M26
T 27	13 43 40	26°49'06	11♌26	18°52	5°34	12°28	23°53	24°52	23°51	24°52	5°41	6°58	5°37	1°48	n.a.	T 27
W28	13 47 37	27°46'22	25° 1	20°15	6° 2	12°26	24° 5	24°53	23°49	24°52	5°39	6°59	5°34	1°54	n.a.	W28
T 29	13 51 33	28°43'37	9♍ 2	21°36	6°27	12°25	24°18	24°55	23°47	24°53	5°38	6°R59	5°31	2° 1	n.a.	T 29
F 30	13 55 30	29♈40'50	23♍31	22♉53	6♊52	12°D24	24♉31	24♑57	23♏45	24♑53	5♐37	6♓58	5♓27	2♉ 8	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n46	12n 3	0n41	1s14	0s43	20n43	3n43	7n16	2n38	17n21	0s19	22s34	0s52	19s 6	0n 6	22s 0	0s28	19s41	2n 0	8s39	9s 5	15n 2		n.a.
F 2	1 9	5 19	0s39	0 13	0 33	21 1	3 46	7 22	2 35	17 24	0 19	22 34	0 52	19 6	0 6	22 0	0 28	19 41	2 0	8 39	9 6	15 4		n.a.
S 3	1 32	1s50	1 58	0n49	0 23	21 18	3 48	7 27	2 33	17 27	0 18	22 33	0 52	19 6	0 6	22 0	0 28	19 41	2 0	8 40	9 7	15 7		n.a.
S 4	1 56	8 59	3 10	1 50	0 13	21 35	3 50	7 32	2 30	17 30	0 18	22 33	0 52	19 6	0 6	21 59	0 28	19 41	1 59	8 41	9 8	15 10		n.a.
M 5	2 19	15 38	4 8	2 52	0 2	21 52	3 53	7 37	2 27	17 34	0 18	22 32	0 53	19 5	0 6	21 59	0 28	19 41	1 59	8 42	9 10	15 13		n.a.
T 6	2 42	21 18	4 49	3 54	0n 8	22 8	3 55	7 41	2 24	17 37	0 18	22 32	0 53	19 5	0 6	21 59	0 28	19 41	1 59	8 44	9 11	15 16		n.a.
W 7	3 5	25 33	5 10	4 56	0 19	22 23	3 57	7 46	2 21	17 40	0 18	22 31	0 53	19 5	0 6	21 59	0 28	19 41	1 59	8 45	9 12	15 19		n.a.
T 8	3 28	28 3	5 11	5 57	0 29	22 38	3 58	7 50	2 18	17 44	0 18	22 31	0 53	19 4	0 6	21 59	0 28	19 41	1 59	8 46	9 13	15 22		n.a.
F 9	3 51	28 41	4 52	6 58	0 40	22 52	4 0	7 54	2 15	17 47	0 18	22 30	0 53	19 4	0 6	21 59	0 28	19 41	1 59	8 47	9 14	15 25		n.a.
S 10	4 14	27 31	4 18	7 57	0 50	23 6	4 1	7 57	2 12	17 50	0 17	22 30	0 53	19 3	0 6	21 59	0 28	19 40	1 59	8 47	9 15	15 28		n.a.
S 11	4 37	24 50	3 31	8 55	1 0	23 19	4 3	8 1	2 9	17 54	0 17	22 29	0 54	19 3	0 6	21 58	0 28	19 40	1 59	8 47	9 17	15 31		n.a.
M12	5 0	20 57	2 34	9 52	1 10	23 31	4 4	8 4	2 6	17 57	0 17	22 29	0 54	19 3	0 6	21 58	0 28	19 40	1 59	8 46	9 18	15 34		n.a.
T 13	5 23	16 12	1 31	10 47	1 19	23 43	4 5	8 6	2 2	18 0	0 17	22 29	0 54	19 2	0 6	21 58	0 28	19 40	1 59	8 46	9 19	15 37		n.a.
W14	5 45	10 53	0 25	11 41	1 28	23 55	4 6	8 9	1 59	18 4	0 17	22 28	0 54	19 2	0 6	21 58	0 28	19 40	1 59	8 45	9 20	15 40		n.a.
T 15	6 8	5 15	0n41	12 32	1 36	24 5	4 6	8 11	1 56	18 7	0 17	22 28	0 54	19 1	0 6	21 58	0 28	19 40	1 59	8 45	9 21	15 42		n.a.
F 16	6 30	0n31	1 44	13 22	1 44	24 16	4 7	8 13	1 53	18 10	0 17	22 27	0 54	19 1	0 6	21 58	0 28	19 40	1 59	8 46	9 23	15 45		n.a.
S 17	6 53	6 13	2 42	14 9	1 51	24 25	4 7	8 14	1 50	18 14	0 17	22 27	0 55	19 1	0 6	21 58	0 28	19 40	1 59	8 47	9 24	15 48		n.a.
S 18	7 15	11 39	3 33	14 55	1 57	24 34	4 7	8 15	1 47	18 17	0 16	22 27	0 55	19 0	0 6	21 58	0 28	19 40	1 59	8 50	9 25	15 51		n.a.
M19	7 37	16 40	4 14	15 38	2 3	24 42	4 7	8 16	1 43	18 20	0 16	22 27	0 55	19 0	0 6	21 58	0 28	19 40	1 59	8 52	9 26	15 54		n.a.
T 20	7 59	21 4	4 45	16 19	2 8	24 50	4 6	8 16	1 40	18 24	0 16	22 26	0 55	18 59	0 6	21 58	0 28	19 40	1 59	8 55	9 27	15 57		n.a.
W21	8 21	24 37	5 3	16 57	2 12	24 57	4 5	8 17	1 37	18 27	0 16	22 26	0 55	18 59	0 6	21 57	0 28	19 39	1 59	8 58	9 29	16 0		n.a.
T 22	8 43	27 9	5 8	17 33	2 16	25 4	4 5	8 17	1 34	18 31	0 16	22 26	0 55	18 58	0 6	21 57	0 28	19 39	1 59	9 1	9 30	16 3		n.a.
F 23	9 5	28 28	4 59	18 7	2 19	25 9	4 3	8 16	1 31	18 34	0 16	22 25	0 56	18 58	0 6	21 57	0 28	19 39	1 59	9 3	9 31	16 6		n.a.
S 24	9 26	28 24	4 37	18 38	2 21	25 15	4 2	8 15	1 28	18 37	0 16	22 25	0 56	18 57	0 6	21 57	0 28	19 39	1 58	9 5	9 32	16 8		n.a.
S 25	9 47	26 54	4 1	19 7	2 22	25 19	4 0	8 14	1 25	18 41	0 15	22 25	0 56	18 57	0 6	21 57	0 28	19 39	1 58	9 6	9 33	16 11		n.a.
M26	10 9	23 58	3 13	19 34	2 22	25 23	3 58	8 13	1 21	18 44	0 15	22 25	0 56	18 56	0 6	21 57	0 28	19 39	1 58	9 6	9 35	16 14		n.a.
T 27	10 30	19 45	2 13	19 59	2 22	25 26	3 56	8 11	1 18	18 47	0 15	22 25	0 56	18 56	0 6	21 57	0 28	19 39	1 58	9 5	9 36	16 17		n.a.
W28	10 51	14 23	1 4	20 21	2 21	25 28	3 53	8 9	1 15	18 51	0 15	22 25	0 57	18 55	0 6	21 57	0 28	19 39	1 58	9 5	9 37	16 20		n.a.
T 29	11 11	8 8	0s11	20 41	2 19	25 30	3 50	8 7	1 12	18 54	0 15	22 24	0 57	18 55	0 6	21 57	0 29	19 38	1 58	9 5	9 38	16 23		n.a.
F 30	11n32	1n16	1s28	20n59	2n17	25n31	3n47	8n 5	1n 9	18n57	0s15	22s24	0s57	18s54	0n 6	21s57	0s29	19s38	1n58	9s 5	9s39	16n25		n.a.

Julian Day Number = 1373430.5, Delta T = 06h48m40s
Ecliptic obliquity = 23°48'42, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°13'46, Lahiri = -17°06'45 Julian Calendar 1 Apr. 953 BCE == Greg. Calendar 23 March 953 BCE

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ASTRODIENST EPHEMERIS for the year 953 BCE
geocentric

MAY 953 BCE (-952) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 59 26	0♉38'03	8♎24	24♉ 7	7♊14	12♍24	24♉44	24♑58	23°R42	24♑53	5°R36	6°R55	5♓24	2♉14	n.a.	S 1
S 2	14 3 23	1°35'15	23°34	25°18	7°35	12°25	24°57	24°59	23♏40	24°53	5♐35	6♓50	5°21	2°21	n.a.	S 2
M 3	14 7 19	2°32'25	8♏52	26°26	7°54	12°27	25°10	25° 1	23°38	24°53	5°34	6°42	5°18	2°28	n.a.	M 3
T 4	14 11 16	3°29'36	24° 7	27°30	8°11	12°30	25°23	25° 2	23°36	24°53	5°33	6°34	5°15	2°35	n.a.	T 4
W 5	14 15 12	4°26'46	9♐ 8	28°31	8°26	12°33	25°36	25° 3	23°34	24°54	5°31	6°26	5°12	2°41	n.a.	W 5
T 6	14 19 9	5°23'55	23°47	29°28	8°39	12°38	25°49	25° 4	23°31	24°54	5°30	6°19	5° 8	2°48	n.a.	T 6
F 7	14 23 6	6°21'04	7♑59	0♊21	8°50	12°42	26° 2	25° 5	23°29	24°R54	5°29	6°14	5° 5	2°55	n.a.	F 7
S 8	14 27 2	7°18'13	21°42	1°11	8°59	12°48	26°15	25° 6	23°27	24°54	5°28	6°11	5° 2	3° 1	n.a.	S 8
S 9	14 30 59	8°15'21	4♒56	1°58	9° 6	12°55	26°28	25° 6	23°24	24°54	5°26	6°D 9	4°59	3° 8	n.a.	S 9
M10	14 34 55	9°12'29	17°45	2°40	9°10	13° 2	26°41	25° 7	23°22	24°53	5°25	6°10	4°56	3°15	n.a.	M10
T 11	14 38 52	10° 9'37	0♓14	3°18	9°13	13°10	26°54	25° 7	23°20	24°53	5°24	6°R10	4°52	3°22	n.a.	T 11
W12	14 42 48	11° 6'45	12°27	3°52	9°R13	13°18	27° 8	25° 8	23°17	24°53	5°22	6°10	4°49	3°28	n.a.	W12
T 13	14 46 45	12° 3'52	24°28	4°22	9°10	13°27	27°21	25° 8	23°15	24°53	5°21	6° 9	4°46	3°35	n.a.	T 13
F 14	14 50 41	13° 1'00	6♈23	4°48	9° 6	13°37	27°34	25° 8	23°13	24°53	5°20	6° 5	4°43	3°42	n.a.	F 14
S 15	14 54 38	13°58'07	18°13	5°10	8°59	13°48	27°48	25°R 8	23°10	24°52	5°18	5°58	4°40	3°48	n.a.	S 15
S 16	14 58 35	14°55'14	0♉ 3	5°27	8°49	13°59	28° 1	25° 8	23° 8	24°52	5°17	5°49	4°37	3°55	n.a.	S 16
M17	15 2 31	15°52'20	11°54	5°39	8°37	14°11	28°14	25° 8	23° 5	24°52	5°16	5°38	4°33	4° 2	n.a.	M17
T 18	15 6 28	16°49'27	23°48	5°47	8°23	14°24	28°28	25° 8	23° 3	24°52	5°14	5°25	4°30	4° 8	n.a.	T 18
W19	15 10 24	17°46'33	5♊46	5°R50	8° 7	14°37	28°41	25° 8	23° 1	24°51	5°13	5°12	4°27	4°15	n.a.	W19
T 20	15 14 21	18°43'39	17°50	5°49	7°48	14°51	28°54	25° 7	22°58	24°51	5°11	5° 0	4°24	4°22	n.a.	T 20
F 21	15 18 17	19°40'45	0♋ 2	5°43	7°27	15° 6	29° 8	25° 7	22°56	24°50	5°10	4°50	4°21	4°29	n.a.	F 21
S 22	15 22 14	20°37'51	12°23	5°33	7° 4	15°21	29°21	25° 6	22°53	24°50	5° 9	4°42	4°18	4°35	n.a.	S 22
S 23	15 26 11	21°34'56	24°56	5°19	6°38	15°37	29°35	25° 5	22°51	24°49	5° 7	4°37	4°14	4°42	n.a.	S 23
M24	15 30 7	22°32'01	7♌44	5° 0	6°11	15°53	29°48	25° 5	22°48	24°49	5° 6	4°35	4°11	4°49	n.a.	M24
T 25	15 34 4	23°29'06	20°50	4°38	5°42	16°10	0♊ 1	25° 4	22°46	24°48	5° 4	4°D34	4° 8	4°55	n.a.	T 25
W26	15 38 0	24°26'10	4♍18	4°11	5°11	16°27	0°15	25° 3	22°44	24°48	5° 3	4°R34	4° 5	5° 2	n.a.	W26
T 27	15 41 57	25°23'14	18°11	3°42	4°39	16°45	0°28	25° 2	22°41	24°47	5° 1	4°34	4° 2	5° 9	n.a.	T 27
F 28	15 45 53	26°20'18	2♎28	3°10	4° 5	17° 4	0°42	25° 0	22°39	24°46	5° 0	4°32	3°58	5°16	n.a.	F 28
S 29	15 49 50	27°17'22	17° 9	2°36	3°30	17°23	0°55	24°59	22°36	24°46	4°58	4°27	3°55	5°22	n.a.	S 29
S 30	15 53 46	28°14'26	2♏ 8	2° 0	2°54	17°43	1° 9	24°58	22°34	24°45	4°57	4°20	3°52	5°29	n.a.	S 30
M31	15 57 43	29♉11'30	17♏20	1♊23	2♊17	18♍ 3	1♊22	24♑56	22♏31	24♑44	4♐56	4♓11	3♓49	5♉36	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n52	5s50	2s40	21n15	2n14	25n32	3n44	8n 2	1n 6	19n 0	0s15	22s24	0s57	18s54	0n 6	21s57	0s29	19s38	1n58	9s 6	9s40	16n28		n.a.
S 2	12 13	12 44	3 43	21 29	2 9	25 32	3 40	7 59	1 3	19 4	0 15	22 24	0 57	18 53	0 6	21 57	0 29	19 38	1 58	9 9	9 42	16 31		n.a.
M 3	12 33	18 56	4 30	21 40	2 5	25 31	3 36	7 55	1 0	19 7	0 14	22 24	0 57	18 53	0 6	21 57	0 29	19 38	1 58	9 11	9 43	16 34		n.a.
T 4	12 52	23 54	4 58	21 50	1 59	25 29	3 31	7 51	0 58	19 10	0 14	22 24	0 58	18 52	0 6	21 57	0 29	19 38	1 58	9 14	9 44	16 37		n.a.
W 5	13 12	27 11	5 5	21 58	1 52	25 26	3 26	7 47	0 55	19 14	0 14	22 24	0 58	18 52	0 6	21 57	0 29	19 38	1 58	9 17	9 45	16 40		n.a.
T 6	13 31	28 30	4 51	22 4	1 45	25 23	3 21	7 43	0 52	19 17	0 14	22 24	0 58	18 51	0 6	21 57	0 29	19 37	1 58	9 20	9 46	16 42		n.a.
F 7	13 51	27 53	4 20	22 8	1 37	25 19	3 15	7 39	0 49	19 20	0 14	22 24	0 58	18 50	0 6	21 57	0 29	19 37	1 58	9 22	9 48	16 45		n.a.
S 8	14 10	25 33	3 34	22 10	1 29	25 15	3 9	7 34	0 46	19 23	0 14	22 24	0 58	18 50	0 6	21 57	0 29	19 37	1 58	9 23	9 49	16 48		n.a.
S 9	14 29	21 54	2 39	22 10	1 19	25 9	3 2	7 29	0 44	19 27	0 14	22 24	0 59	18 49	0 6	21 57	0 29	19 37	1 57	9 24	9 50	16 51		n.a.
M10	14 47	17 17	1 37	22 8	1 9	25 3	2 55	7 24	0 41	19 30	0 14	22 24	0 59	18 49	0 6	21 57	0 29	19 37	1 57	9 23	9 51	16 54		n.a.
T 11	15 6	12 3	0 32	22 5	0 58	24 56	2 47	7 18	0 38	19 33	0 14	22 24	0 59	18 48	0 6	21 57	0 29	19 37	1 57	9 23	9 52	16 56		n.a.
W12	15 24	6 29	0n33	22 1	0 46	24 48	2 39	7 12	0 36	19 36	0 13	22 24	0 59	18 47	0 6	21 57	0 29	19 37	1 57	9 23	9 53	16 59		n.a.
T 13	15 42	0 46	1 36	21 54	0 34	24 39	2 31	7 6	0 33	19 39	0 13	22 25	0 59	18 47	0 6	21 57	0 29	19 36	1 57	9 24	9 55	17 2		n.a.
F 14	15 59	4n55	2 33	21 46	0 21	24 30	2 22	7 0	0 30	19 43	0 13	22 25	0 59	18 46	0 6	21 58	0 29	19 36	1 57	9 25	9 56	17 5		n.a.
S 15	16 17	10 23	3 24	21 37	0 7	24 20	2 13	6 54	0 28	19 46	0 13	22 25	1 0	18 46	0 6	21 58	0 29	19 36	1 57	9 28	9 57	17 8		n.a.
S 16	16 34	15 29	4 5	21 26	0s 7	24 8	2 3	6 47	0 25	19 49	0 13	22 25	1 0	18 45	0 6	21 58	0 29	19 36	1 57	9 31	9 58	17 10		n.a.
M17	16 51	20 0	4 36	21 14	0 21	23 57	1 53	6 40	0 23	19 52	0 13	22 25	1 0	18 44	0 6	21 58	0 29	19 36	1 57	9 35	9 59	17 13		n.a.
T 18	17 7	23 46	4 55	21 0	0 36	23 44	1 42	6 33	0 21	19 55	0 13	22 25	1 0	18 44	0 6	21 58	0 29	19 36	1 57	9 40	10 0	17 16		n.a.
W19	17 24	26 32	5 1	20 46	0 52	23 30	1 31	6 25	0 18	19 58	0 13	22 26	1 0	18 43	0 6	21 58	0 29	19 35	1 57	9 45	10 2	17 19		n.a.
T 20	17 40	28 7	4 54	20 30	1 8	23 16	1 20	6 18	0 16	20 1	0 13	22 26	1 1	18 43	0 6	21 58	0 29	19 35	1 57	9 49	10 3	17 21		n.a.
F 21	17 56	28 21	4 33	20 13	1 24	23 0	1 8	6 10	0 13	20 4	0 12	22 26	1 1	18 42	0 6	21 58	0 29	19 35	1 57	9 53	10 4	17 24		n.a.
S 22	18 11	27 11	3 59	19 55	1 40	22 44	0 56	6 2	0 11	20 7	0 12	22 27	1 1	18 41	0 6	21 58	0 29	19 35	1 56	9 56	10 5	17 27		n.a.
S 23	18 26	24 38	3 13	19 37	1 56	22 28	0 43	5 54	0 9	20 10	0 12	22 27	1 1	18 41	0 6	21 58	0 29	19 35	1 56	9 58	10 6	17 30		n.a.
M24	18 41	20 49	2 17	19 18	2 12	22 10	0 30	5 45	0 7	20 14	0 12	22 27	1 1	18 40	0 6	21 59	0 29	19 34	1 56	9 59	10 8	17 32		n.a.
T 25	18 56	15 54	1 12	18 58	2 28	21 52	0 17	5 36	0 4	20 17	0 12	22 28	1 1	18 40	0 6	21 59	0 29	19 34	1 56	9 59	10 9	17 35		n.a.
W26	19 10	10 6	0 1	18 38	2 43	21 33	0 3	5 28	0 2	20 20	0 12	22 28	1 2	18 39	0 6	21 59	0 29	19 34	1 56	9 59	10 10	17 38		n.a.
T 27	19 24	3 39	1s11	18 18	2 58	21 13	0s11	5 19	0 0	20 22	0 12	22 28	1 2	18 38	0 6	21 59	0 29	19 34	1 56	9 59	10 11	17 40		n.a.
F 28	19 38	3s 9	2 22	17 58	3 12	20 53	0 24	5 9	0s 2	20 25	0 12	22 29	1 2	18 38	0 6	21 59	0 29	19 34	1 56	10 0	10 12	17 43		n.a.
S 29	19 51	9 58	3 25	17 39	3 26	20 33	0 38	5 0	0 4	20 28	0 12	22 29	1 2	18 37	0 6	21 59	0 29	19 34	1 56	10 2	10 13	17 46		n.a.
S 30	20 5	16 22	4 15	17 20	3 38	20 12	0 53	4 50	0 6	20 31	0 11	22 30	1 2	18 36	0 6	21 59	0 29	19 33	1 56	10 4	10 15	17 49		n.a.
M31	20n17	21s51	4s48	17n 1	3s49	19n51	1s 7	4n40	0s 8	20n34	0s11	22s30	1s 3	18s36	0n 6	22s 0	0s29	19s33	1n56	10s 8	10s16	17n51		n.a.

Julian Day Number = 1373460.5, Delta T = 06h48m39s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°13'42, Lahiri = -17°06'41 Julian Calendar 1 May 953 BCE == Greg. Calendar 22 Apr. 953 BCE

The year -952 astronomical counting style corresponds to year 953 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 953 BCE
geocentric

JUNE 953 BCE (-952) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 1 40	0♊ 8'34	2♐32	0°R45	1°R40	18♍23	1♊36	24°R55	22°R29	24°R44	4°R54	4°R 0	3♓46	5♉42	n.a.	T 1
W 2	16 5 36	1° 5'38	17°34	0♊ 7	1♊ 3	18°44	1°49	24♑53	22♏27	24♑43	4♐53	3♓50	3°43	5°49	n.a.	W 2
T 3	16 9 33	2° 2'43	2♑18	29♉31	0°25	19° 6	2° 3	24°51	22°24	24°42	4°51	3°40	3°39	5°56	n.a.	T 3
F 4	16 13 29	2°59'49	16°35	28°55	29♉48	19°28	2°16	24°49	22°22	24°41	4°50	3°33	3°36	6° 2	n.a.	F 4
S 5	16 17 26	3°56'54	0♒23	28°22	29°11	19°50	2°30	24°47	22°19	24°40	4°48	3°28	3°33	6° 9	n.a.	S 5
S 6	16 21 22	4°54'01	13°42	27°52	28°35	20°13	2°43	24°45	22°17	24°39	4°47	3°25	3°30	6°16	n.a.	S 6
M 7	16 25 19	5°51'08	26°34	27°24	28° 0	20°37	2°57	24°43	22°15	24°38	4°45	3°24	3°27	6°23	n.a.	M 7
T 8	16 29 16	6°48'16	9♓ 4	27° 1	27°26	21° 1	3°10	24°41	22°12	24°37	4°44	3°24	3°24	6°29	n.a.	T 8
W 9	16 33 12	7°45'25	21°16	26°41	26°53	21°25	3°24	24°39	22°10	24°37	4°42	3°24	3°20	6°36	n.a.	W 9
T 10	16 37 9	8°42'34	3♈16	26°26	26°22	21°49	3°37	24°36	22° 8	24°36	4°41	3°22	3°17	6°43	n.a.	T 10
F 11	16 41 5	9°39'44	15° 9	26°16	25°53	22°14	3°50	24°34	22° 5	24°34	4°39	3°18	3°14	6°49	n.a.	F 11
S 12	16 45 2	10°36'56	26°59	26°D12	25°25	22°40	4° 4	24°31	22° 3	24°33	4°38	3°11	3°11	6°56	n.a.	S 12
S 13	16 48 58	11°34'08	8♉49	26°12	25° 0	23° 6	4°17	24°29	22° 1	24°32	4°36	3° 2	3° 8	7° 3	n.a.	S 13
M14	16 52 55	12°31'20	20°43	26°18	24°36	23°32	4°31	24°26	21°59	24°31	4°35	2°50	3° 4	7°10	n.a.	M14
T 15	16 56 51	13°28'34	2♊43	26°30	24°15	23°59	4°44	24°23	21°56	24°30	4°33	2°37	3° 1	7°16	n.a.	T 15
W16	17 0 48	14°25'49	14°50	26°48	23°55	24°26	4°57	24°20	21°54	24°29	4°32	2°24	2°58	7°23	n.a.	W16
T 17	17 4 45	15°23'04	27° 5	27°11	23°39	24°53	5°11	24°17	21°52	24°28	4°30	2°11	2°55	7°30	n.a.	T 17
F 18	17 8 41	16°20'20	9♋29	27°40	23°24	25°21	5°24	24°14	21°50	24°27	4°29	2° 0	2°52	7°36	n.a.	F 18
S 19	17 12 38	17°17'37	22° 3	28°15	23°12	25°49	5°38	24°11	21°48	24°25	4°27	1°52	2°49	7°43	n.a.	S 19
S 20	17 16 34	18°14'54	4♌47	28°56	23° 2	26°17	5°51	24° 8	21°46	24°24	4°26	1°47	2°45	7°50	n.a.	S 20
M21	17 20 31	19°12'12	17°45	29°43	22°54	26°46	6° 4	24° 5	21°44	24°23	4°25	1°44	2°42	7°57	n.a.	M21
T 22	17 24 27	20° 9'31	0♍56	0♊35	22°49	27°15	6°17	24° 1	21°42	24°22	4°23	1°D44	2°39	8° 3	n.a.	T 22
W23	17 28 24	21° 6'50	14°25	1°33	22°47	27°45	6°31	23°58	21°40	24°20	4°22	1°R44	2°36	8°10	n.a.	W23
T 24	17 32 20	22° 4'10	28°12	2°36	22°D46	28°14	6°44	23°54	21°38	24°19	4°20	1°44	2°33	8°17	n.a.	T 24
F 25	17 36 17	23° 1'31	12♎18	3°45	22°48	28°44	6°57	23°51	21°36	24°18	4°19	1°42	2°30	8°23	n.a.	F 25
S 26	17 40 14	23°58'53	26°44	4°59	22°52	29°15	7°10	23°47	21°34	24°16	4°18	1°39	2°26	8°30	n.a.	S 26
S 27	17 44 10	24°56'15	11♏25	6°18	22°58	29°45	7°23	23°44	21°32	24°15	4°16	1°33	2°23	8°37	n.a.	S 27
M28	17 48 7	25°53'38	26°17	7°42	23° 7	0♎16	7°37	23°40	21°30	24°14	4°15	1°25	2°20	8°44	n.a.	M28
T 29	17 52 3	26°51'03	11♐12	9°11	23°17	0°48	7°50	23°36	21°28	24°12	4°13	1°16	2°17	8°50	n.a.	T 29
W30	17 56 0	27♊48'28	26♐ 0	10♊44	23♉30	1♎19	8♊ 3	23♑32	21♏26	24♑11	4♐12	1♓ 6	2♓14	8♉57	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n30	25s53	5s 0	16n44	3s59	19n30	1s21	4n30	0s10	20n37	0s11	22s30	1s 3	18s35	0n 6	22s 0	0s29	19s33	1n56	10s11	10s17	17n54		n.a.
W 2	20 42	28 4	4 52	16 28	4 7	19 9	1 34	4 20	0 12	20 40	0 11	22 31	1 3	18 35	0 6	22 0	0 29	19 33	1 55	10 15	10 18	17 57		n.a.
T 3	20 54	28 11	4 24	16 13	4 15	18 48	1 48	4 10	0 14	20 43	0 11	22 31	1 3	18 34	0 6	22 0	0 29	19 33	1 55	10 19	10 19	17 59		n.a.
F 4	21 5	26 24	3 40	16 0	4 20	18 27	2 2	3 59	0 16	20 46	0 11	22 32	1 3	18 33	0 6	22 0	0 30	19 33	1 55	10 22	10 20	18 2		n.a.
S 5	21 16	23 4	2 45	15 49	4 24	18 6	2 15	3 49	0 18	20 48	0 11	22 32	1 3	18 33	0 6	22 0	0 30	19 32	1 55	10 23	10 22	18 5		n.a.
S 6	21 27	18 36	1 42	15 40	4 27	17 45	2 28	3 38	0 20	20 51	0 11	22 33	1 4	18 32	0 6	22 1	0 30	19 32	1 55	10 24	10 23	18 7		n.a.
M 7	21 37	13 25	0 36	15 33	4 28	17 25	2 40	3 27	0 21	20 54	0 11	22 34	1 4	18 32	0 6	22 1	0 30	19 32	1 55	10 25	10 24	18 10		n.a.
T 8	21 47	7 50	0n30	15 28	4 27	17 6	2 52	3 16	0 23	20 57	0 10	22 34	1 4	18 31	0 6	22 1	0 30	19 32	1 55	10 25	10 25	18 13		n.a.
W 9	21 57	2 5	1 33	15 25	4 25	16 47	3 4	3 5	0 25	20 59	0 10	22 35	1 4	18 30	0 6	22 1	0 30	19 32	1 55	10 25	10 26	18 15		n.a.
T 10	22 6	3n37	2 31	15 25	4 22	16 29	3 15	2 53	0 27	21 2	0 10	22 35	1 4	18 30	0 5	22 1	0 30	19 32	1 55	10 26	10 27	18 18		n.a.
F 11	22 15	9 9	3 21	15 28	4 17	16 12	3 26	2 42	0 28	21 5	0 10	22 36	1 4	18 29	0 5	22 2	0 30	19 31	1 55	10 27	10 29	18 21		n.a.
S 12	22 23	14 19	4 3	15 32	4 11	15 55	3 36	2 30	0 30	21 7	0 10	22 37	1 5	18 29	0 5	22 2	0 30	19 31	1 54	10 30	10 30	18 23		n.a.
S 13	22 31	18 58	4 34	15 40	4 3	15 40	3 46	2 18	0 32	21 10	0 10	22 37	1 5	18 28	0 5	22 2	0 30	19 31	1 54	10 33	10 31	18 26		n.a.
M14	22 39	22 55	4 53	15 49	3 55	15 25	3 55	2 6	0 33	21 13	0 10	22 38	1 5	18 27	0 5	22 2	0 30	19 31	1 54	10 37	10 32	18 29		n.a.
T 15	22 46	25 55	5 0	16 1	3 46	15 12	4 4	1 54	0 35	21 15	0 10	22 39	1 5	18 27	0 5	22 2	0 30	19 31	1 54	10 42	10 33	18 31		n.a.
W16	22 53	27 47	4 53	16 15	3 36	14 59	4 12	1 41	0 36	21 18	0 10	22 39	1 5	18 26	0 5	22 3	0 30	19 31	1 54	10 47	10 34	18 34		n.a.
T 17	23 0	28 19	4 33	16 31	3 25	14 48	4 19	1 29	0 38	21 20	0 10	22 40	1 5	18 26	0 5	22 3	0 30	19 30	1 54	10 52	10 36	18 36		n.a.
F 18	23 6	27 27	3 59	16 49	3 13	14 37	4 26	1 16	0 40	21 23	0 9	22 41	1 6	18 25	0 5	22 3	0 30	19 30	1 54	10 55	10 37	18 39		n.a.
S 19	23 12	25 9	3 14	17 9	3 0	14 28	4 32	1 4	0 41	21 25	0 9	22 41	1 6	18 25	0 5	22 3	0 30	19 30	1 54	10 58	10 38	18 42		n.a.
S 20	23 17	21 35	2 18	17 30	2 48	14 20	4 38	0 51	0 43	21 28	0 9	22 42	1 6	18 24	0 5	22 4	0 30	19 30	1 54	11 0	10 39	18 44		n.a.
M21	23 22	16 55	1 13	17 54	2 34	14 13	4 43	0 38	0 44	21 30	0 9	22 43	1 6	18 24	0 5	22 4	0 30	19 30	1 53	11 1	10 40	18 47		n.a.
T 22	23 26	11 22	0 4	18 18	2 21	14 7	4 48	0 25	0 45	21 33	0 9	22 44	1 6	18 23	0 5	22 4	0 30	19 30	1 53	11 1	10 41	18 50		n.a.
W23	23 30	5 12	1s 7	18 43	2 7	14 2	4 52	0 12	0 47	21 35	0 9	22 44	1 6	18 22	0 5	22 4	0 30	19 29	1 53	11 1	10 42	18 52		n.a.
T 24	23 34	1s20	2 16	19 10	1 53	13 59	4 56	0s 1	0 48	21 37	0 9	22 45	1 7	18 22	0 5	22 5	0 30	19 29	1 53	11 1	10 44	18 55		n.a.
F 25	23 37	7 58	3 18	19 37	1 38	13 56	5 0	0 15	0 50	21 40	0 9	22 46	1 7	18 21	0 5	22 5	0 30	19 29	1 53	11 2	10 45	18 57		n.a.
S 26	23 40	14 19	4 9	20 5	1 24	13 54	5 3	0 28	0 51	21 42	0 9	22 47	1 7	18 21	0 5	22 5	0 30	19 29	1 53	11 3	10 46	19 0		n.a.
S 27	23 43	19 59	4 45	20 33	1 10	13 53	5 5	0 42	0 52	21 44	0 9	22 47	1 7	18 20	0 5	22 5	0 30	19 29	1 53	11 5	10 47	19 2		n.a.
M28	23 45	24 30	5 2	21 1	0 56	13 53	5 7	0 56	0 54	21 47	0 8	22 48	1 7	18 20	0 5	22 6	0 30	19 29	1 53	11 8	10 48	19 5		n.a.
T 29	23 46	27 23	4 58	21 29	0 42	13 54	5 9	1 9	0 55	21 49	0 8	22 49	1 7	18 20	0 5	22 6	0 30	19 29	1 52	11 12	10 49	19 8		n.a.
W30	23n48	28s20	4s35	21n56	0s28	13n56	5s10	1s23	0s56	21n51	0s 8	22s50	1s 7	18s19	0n 5	22s 6	0s30	19s28	1n52	11s15	10s51	19n10		n.a.

Julian Day Number = 1373491.5, Delta T = 06h48m37s
Ecliptic obliquity = 23°48'40, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°13'38, Lahiri = -17°06'37 Julian Calendar 1 June 953 BCE == Greg. Calendar 23 May 953 BCE

The year -952 astronomical counting style corresponds to year 953 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 953 BCE
geocentric

JULY 953 BCE (-952) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 59 56	28♊45'55	10♉34	12♊22	23♉45	1♎51	8♊16	23°R28	21°R24	24°R 9	4°R11	0°R58	2♓10	9♉ 4	n.a.	T 1
F 2	18 3 53	29°43'23	24°46	14° 3	24° 1	2°23	8°29	23♉24	21♏23	24♉ 8	4♐ 9	0♓51	2° 7	9°10	n.a.	F 2
S 3	18 7 50	0♋40'52	8♒33	15°49	24°20	2°56	8°42	23°20	21°21	24° 6	4° 8	0°47	2° 4	9°17	n.a.	S 3
S 4	18 11 46	1°38'23	21°53	17°37	24°40	3°28	8°55	23°16	21°19	24° 5	4° 7	0°45	2° 1	9°24	n.a.	S 4
M 5	18 15 43	2°35'55	4♓48	19°28	25° 3	4° 1	9° 7	23°12	21°18	24° 3	4° 6	0°D44	1°58	9°31	n.a.	M 5
T 6	18 19 39	3°33'29	17°20	21°22	25°26	4°34	9°20	23° 8	21°16	24° 2	4° 4	0°45	1°55	9°37	n.a.	T 6
W 7	18 23 36	4°31'05	29°35	23°18	25°52	5° 8	9°33	23° 4	21°15	24° 0	4° 3	0°R46	1°51	9°44	n.a.	W 7
T 8	18 27 32	5°28'42	11♈37	25°16	26°19	5°41	9°46	23° 0	21°13	23°59	4° 2	0°46	1°48	9°51	n.a.	T 8
F 9	18 31 29	6°26'20	23°31	27°16	26°48	6°15	9°59	22°55	21°12	23°57	4° 1	0°44	1°45	9°57	n.a.	F 9
S 10	18 35 25	7°24'01	5♉22	29°16	27°18	6°49	10°11	22°51	21°10	23°56	4° 0	0°40	1°42	10° 4	n.a.	S 10
S 11	18 39 22	8°21'43	17°14	1♋17	27°50	7°24	10°24	22°47	21° 9	23°54	3°58	0°34	1°39	10°11	n.a.	S 11
M12	18 43 19	9°19'27	29°12	3°19	28°23	7°58	10°36	22°42	21° 7	23°53	3°57	0°27	1°36	10°18	n.a.	M12
T 13	18 47 15	10°17'13	11♊18	5°20	28°57	8°33	10°49	22°38	21° 6	23°51	3°56	0°18	1°32	10°24	n.a.	T 13
W14	18 51 12	11°15'01	23°35	7°22	29°33	9° 8	11° 1	22°33	21° 5	23°49	3°55	0° 9	1°29	10°31	n.a.	W14
T 15	18 55 8	12°12'50	6♋ 3	9°23	0♊10	9°44	11°14	22°29	21° 4	23°48	3°54	0° 0	1°26	10°38	n.a.	T 15
F 16	18 59 5	13°10'40	18°43	11°24	0°48	10°19	11°26	22°24	21° 2	23°46	3°53	29♒53	1°23	10°44	n.a.	F 16
S 17	19 3 1	14° 8'33	1♌35	13°24	1°27	10°55	11°39	22°20	21° 1	23°45	3°52	29°48	1°20	10°51	n.a.	S 17
S 18	19 6 58	15° 6'27	14°39	15°23	2° 7	11°31	11°51	22°15	21° 0	23°43	3°51	29°44	1°16	10°58	n.a.	S 18
M19	19 10 54	16° 4'22	27°55	17°21	2°48	12° 7	12° 3	22°11	20°59	23°41	3°50	29°D43	1°13	11° 5	n.a.	M19
T 20	19 14 51	17° 2'19	11♍22	19°18	3°31	12°43	12°15	22° 6	20°58	23°40	3°49	29°44	1°10	11°11	n.a.	T 20
W21	19 18 48	18° 0'17	25° 2	21°14	4°14	13°20	12°27	22° 2	20°57	23°38	3°48	29°45	1° 7	11°18	n.a.	W21
T 22	19 22 44	18°58'17	8♎54	23° 9	4°58	13°57	12°40	21°57	20°56	23°37	3°47	29°46	1° 4	11°25	n.a.	T 22
F 23	19 26 41	19°56'18	22°57	25° 2	5°43	14°34	12°51	21°53	20°55	23°35	3°46	29°R47	1° 1	11°31	n.a.	F 23
S 24	19 30 37	20°54'21	7♏11	26°55	6°30	15°11	13° 3	21°48	20°54	23°33	3°45	29°46	0°57	11°38	n.a.	S 24
S 25	19 34 34	21°52'25	21°34	28°46	7°16	15°48	13°15	21°43	20°54	23°32	3°44	29°43	0°54	11°45	n.a.	S 25
M26	19 38 30	22°50'31	6♐ 2	0♌36	8° 4	16°26	13°27	21°39	20°53	23°30	3°43	29°39	0°51	11°52	n.a.	M26
T 27	19 42 27	23°48'38	20°31	2°25	8°53	17° 4	13°39	21°34	20°52	23°28	3°42	29°33	0°48	11°58	n.a.	T 27
W28	19 46 23	24°46'48	4♑54	4°12	9°42	17°41	13°50	21°30	20°52	23°27	3°42	29°28	0°45	12° 5	n.a.	W28
T 29	19 50 20	25°44'59	19° 5	5°58	10°32	18°19	14° 2	21°25	20°51	23°25	3°41	29°23	0°42	12°12	n.a.	T 29
F 30	19 54 17	26°43'11	3♒ 1	7°43	11°23	18°58	14°14	21°20	20°50	23°23	3°40	29°20	0°38	12°18	n.a.	F 30
S 31	19 58 13	27♋41'26	16♒36	9♌27	12♊14	19♎36	14♊25	21♑16	20♏50	23♑22	3♐39	29♒17	0♓35	12♉25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n48	27s16	3s54	22n23	0s15	13n59	5s11	1s37	0s57	21n53	0s 8	22s51	1s 8	18s19	0n 5	22s 7	0s30	19s28	1n52	11s18	10s52	19n13		n.a.	T 1
F 2	23 49	24 27	3 0	22 48	0 2	14 2	5 11	1 51	0 59	21 56	0 8	22 52	1 8	18 18	0 5	22 7	0 30	19 28	1 52	11 20	10 53	19 15		n.a.	F 2
S 3	23 49	20 16	1 56	23 12	0n10	14 7	5 12	2 6	1 0	21 58	0 8	22 52	1 8	18 18	0 5	22 7	0 30	19 28	1 52	11 22	10 54	19 18		n.a.	S 3
S 4	23 48	15 10	0 47	23 35	0 22	14 12	5 12	2 20	1 1	22 0	0 8	22 53	1 8	18 17	0 5	22 7	0 30	19 28	1 52	11 23	10 55	19 20		n.a.	S 4
M 5	23 47	9 34	0n22	23 56	0 33	14 17	5 11	2 34	1 2	22 2	0 8	22 54	1 8	18 17	0 5	22 8	0 30	19 28	1 52	11 23	10 56	19 23		n.a.	M 5
T 6	23 46	3 44	1 28	24 14	0 43	14 24	5 11	2 49	1 3	22 4	0 8	22 55	1 8	18 16	0 5	22 8	0 30	19 28	1 52	11 23	10 58	19 25		n.a.	T 6
W 7	23 44	2n 5	2 28	24 31	0 53	14 30	5 10	3 3	1 4	22 6	0 8	22 56	1 8	18 16	0 5	22 8	0 30	19 28	1 51	11 22	10 59	19 28		n.a.	W 7
T 8	23 42	7 44	3 21	24 45	1 1	14 38	5 9	3 18	1 5	22 8	0 7	22 57	1 9	18 16	0 5	22 9	0 30	19 28	1 51	11 22	11 0	19 30		n.a.	T 8
F 9	23 39	13 2	4 4	24 56	1 10	14 46	5 7	3 32	1 7	22 10	0 7	22 57	1 9	18 15	0 5	22 9	0 30	19 27	1 51	11 23	11 1	19 33		n.a.	F 9
S 10	23 36	17 51	4 37	25 5	1 17	14 54	5 5	3 47	1 8	22 12	0 7	22 58	1 9	18 15	0 5	22 9	0 30	19 27	1 51	11 24	11 2	19 35		n.a.	S 10
S 11	23 33	22 0	4 58	25 12	1 23	15 3	5 4	4 2	1 9	22 14	0 7	22 59	1 9	18 15	0 5	22 9	0 30	19 27	1 51	11 26	11 3	19 38		n.a.	S 11
M12	23 29	25 16	5 6	25 15	1 29	15 12	5 2	4 16	1 10	22 16	0 7	23 0	1 9	18 14	0 5	22 10	0 30	19 27	1 51	11 29	11 4	19 40		n.a.	M12
T 13	23 24	27 27	5 1	25 16	1 34	15 22	4 59	4 31	1 11	22 18	0 7	23 1	1 9	18 14	0 5	22 10	0 30	19 27	1 51	11 32	11 6	19 43		n.a.	T 13
W14	23 20	28 20	4 41	25 14	1 38	15 32	4 57	4 46	1 12	22 20	0 7	23 2	1 9	18 14	0 5	22 10	0 30	19 27	1 51	11 36	11 7	19 45		n.a.	W14
T 15	23 14	27 48	4 8	25 10	1 41	15 42	4 54	5 1	1 13	22 22	0 7	23 3	1 9	18 13	0 5	22 11	0 30	19 27	1 50	11 39	11 8	19 48		n.a.	T 15
F 16	23 9	25 49	3 23	25 2	1 44	15 53	4 51	5 16	1 14	22 24	0 7	23 3	1 10	18 13	0 5	22 11	0 30	19 27	1 50	11 41	11 9	19 50		n.a.	F 16
S 17	23 3	22 29	2 26	24 53	1 46	16 4	4 48	5 31	1 15	22 25	0 7	23 4	1 10	18 13	0 5	22 11	0 30	19 27	1 50	11 43	11 10	19 53		n.a.	S 17
S 18	22 56	17 58	1 21	24 41	1 47	16 15	4 45	5 47	1 15	22 27	0 6	23 5	1 10	18 12	0 5	22 12	0 30	19 27	1 50	11 44	11 11	19 55		n.a.	S 18
M19	22 50	12 32	0 10	24 27	1 48	16 26	4 42	6 2	1 16	22 29	0 6	23 6	1 10	18 12	0 5	22 12	0 30	19 27	1 50	11 45	11 12	19 58		n.a.	M19
T 20	22 42	6 27	1s 3	24 10	1 48	16 37	4 39	6 17	1 17	22 31	0 6	23 7	1 10	18 12	0 5	22 12	0 30	19 27	1 50	11 45	11 14	20 0		n.a.	T 20
W21	22 35	0s 1	2 13	23 52	1 47	16 49	4 35	6 32	1 18	22 32	0 6	23 8	1 10	18 12	0 5	22 12	0 30	19 27	1 50	11 44	11 15	20 3		n.a.	W21
T 22	22 27	6 34	3 16	23 32	1 46	17 1	4 31	6 48	1 19	22 34	0 6	23 9	1 10	18 11	0 5	22 13	0 30	19 27	1 49	11 44	11 16	20 5		n.a.	T 22
F 23	22 18	12 54	4 9	23 10	1 44	17 12	4 28	7 3	1 20	22 36	0 6	23 9	1 10	18 11	0 5	22 13	0 31	19 27	1 49	11 44	11 17	20 7		n.a.	F 23
S 24	22 9	18 38	4 47	22 46	1 42	17 24	4 24	7 18	1 21	22 37	0 6	23 10	1 10	18 11	0 5	22 13	0 31	19 27	1 49	11 44	11 18	20 10		n.a.	S 24
S 25	22 0	23 22	5 7	22 20	1 39	17 36	4 20	7 34	1 21	22 39	0 6	23 11	1 10	18 11	0 5	22 14	0 31	19 27	1 49	11 45	11 19	20 12		n.a.	S 25
M26	21 51	26 42	5 8	21 54	1 36	17 47	4 16	7 49	1 22	22 40	0 6	23 12	1 11	18 10	0 5	22 14	0 31	19 26	1 49	11 46	11 20	20 15		n.a.	M26
T 27	21 41	28 17	4 50	21 25	1 32	17 59	4 11	8 5	1 23	22 42	0 6	23 13	1 11	18 10	0 5	22 14	0 31	19 26	1 49	11 48	11 22	20 17		n.a.	T 27
W28	21 30	27 56	4 13	20 56	1 28	18 11	4 7	8 20	1 24	22 44	0 5	23 14	1 11	18 10	0 5	22 15	0 31	19 26	1 49	11 50	11 23	20 20		n.a.	W28
T 29	21 19	25 45	3 22	20 26	1 24	18 22	4 3	8 35	1 24	22 45	0 5	23 14	1 11	18 10	0 5	22 15	0 31	19 26	1 48	11 52	11 24	20 22		n.a.	T 29
F 30	21 8	22 2	2 18	19 54	1 19	18 34	3 58	8 51	1 25	22 47	0 5	23 15	1 11	18 10	0 5	22 15	0 31	19 26	1 48	11 53	11 25	20 24		n.a.	F 30
S 31	20n57	17s12	1s 9	19n21	1n14	18n45	3s54	9s 6	1s26	22n48	0s 5	23s16	1s11	18s10	0n 5	22s15	0s31	19s26	1n48	11s54	11s26	20n27		n.a.	S 31

Julian Day Number = 1373521.5, Delta T = 06h48m36s
Ecliptic obliquity = 23°48'40, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°13'33, Lahiri = -17°06'33 Julian Calendar 1 July 953 BCE == Greg. Calendar 22 June 953 BCE

The year -952 astronomical counting style corresponds to year 953 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 953 BCE
geocentric

AUGUST 953 BCE (-952) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 2 10	28♋39'43	29♒50	11♌10	13♊ 6	20♎15	14♊36	21°R11	20°R49	23°R20	3°R39	29°D17	0♓32	12♉32	n.a.	S 1
M 2	20 6 6	29°38'01	12♓42	12°51	13°59	20°53	14°48	21♂ 7	20♏49	23♂18	3♐38	29♒17	0°29	12°39	n.a.	M 2
T 3	20 10 3	0♌36'22	25°15	14°31	14°53	21°32	14°59	21° 2	20°49	23°17	3°37	29°19	0°26	12°45	n.a.	T 3
W 4	20 13 59	1°34'45	7♈31	16°11	15°47	22°11	15°10	20°58	20°48	23°15	3°37	29°21	0°22	12°52	n.a.	W 4
T 5	20 17 56	2°33'10	19°35	17°49	16°41	22°51	15°21	20°53	20°48	23°14	3°36	29°22	0°19	12°59	n.a.	T 5
F 6	20 21 52	3°31'38	1♉30	19°25	17°36	23°30	15°32	20°49	20°48	23°12	3°35	29°R23	0°16	13° 5	n.a.	F 6
S 7	20 25 49	4°30'08	13°23	21° 1	18°32	24° 9	15°43	20°45	20°48	23°10	3°35	29°22	0°13	13°12	n.a.	S 7
S 8	20 29 46	5°28'40	25°17	22°36	19°28	24°49	15°54	20°40	20°48	23° 9	3°34	29°21	0°10	13°19	n.a.	S 8
M 9	20 33 42	6°27'15	7♊17	24°10	20°25	25°29	16° 5	20°36	20°D48	23° 7	3°34	29°19	0° 7	13°26	n.a.	M 9
T 10	20 37 39	7°25'52	19°27	25°42	21°23	26° 9	16°15	20°32	20°48	23° 6	3°33	29°15	0° 3	13°32	n.a.	T 10
W11	20 41 35	8°24'31	1♋50	27°14	22°20	26°49	16°26	20°27	20°48	23° 4	3°33	29°12	0° 0	13°39	n.a.	W11
T 12	20 45 32	9°23'12	14°29	28°44	23°19	27°29	16°36	20°23	20°48	23° 2	3°33	29° 9	29♒57	13°46	n.a.	T 12
F 13	20 49 28	10°21'56	27°24	0♍13	24°17	28°10	16°47	20°19	20°48	23° 1	3°32	29° 6	29°54	13°52	n.a.	F 13
S 14	20 53 25	11°20'42	10♌36	1°41	25°16	28°50	16°57	20°15	20°48	22°59	3°32	29° 5	29°51	13°59	n.a.	S 14
S 15	20 57 21	12°19'29	24° 3	3° 9	26°16	29°31	17° 7	20°11	20°49	22°58	3°32	29°D 4	29°47	14° 6	n.a.	S 15
M16	21 1 18	13°18'19	7♍44	4°35	27°16	0♏12	17°17	20° 7	20°49	22°56	3°31	29° 4	29°44	14°13	n.a.	M16
T 17	21 5 14	14°17'11	21°37	5°59	28°16	0°53	17°27	20° 3	20°49	22°55	3°31	29° 5	29°41	14°19	n.a.	T 17
W18	21 9 11	15°16'05	5♎39	7°23	29°17	1°34	17°37	19°59	20°50	22°53	3°31	29° 6	29°38	14°26	n.a.	W18
T 19	21 13 8	16°15'01	19°47	8°46	0♋18	2°15	17°47	19°55	20°50	22°52	3°31	29° 7	29°35	14°33	n.a.	T 19
F 20	21 17 4	17°13'58	3♏59	10° 7	1°20	2°56	17°56	19°51	20°51	22°50	3°30	29° 8	29°32	14°40	n.a.	F 20
S 21	21 21 1	18°12'58	18°12	11°27	2°21	3°38	18° 6	19°47	20°51	22°49	3°30	29°R 8	29°28	14°46	n.a.	S 21
S 22	21 24 57	19°11'59	2♐24	12°46	3°24	4°19	18°15	19°44	20°52	22°47	3°30	29° 8	29°25	14°53	n.a.	S 22
M23	21 28 54	20°11'02	16°33	14° 3	4°26	5° 1	18°25	19°40	20°53	22°46	3°30	29° 7	29°22	15° 0	n.a.	M23
T 24	21 32 50	21°10'08	0♑35	15°19	5°29	5°43	18°34	19°36	20°53	22°45	3°30	29° 6	29°19	15° 6	n.a.	T 24
W25	21 36 47	22° 9'15	14°30	16°34	6°32	6°25	18°43	19°33	20°54	22°43	3°D30	29° 5	29°16	15°13	n.a.	W25
T 26	21 40 43	23° 8'24	28°13	17°46	7°36	7° 7	18°52	19°29	20°55	22°42	3°30	29° 4	29°13	15°20	n.a.	T 26
F 27	21 44 40	24° 7'35	11♒43	18°58	8°40	7°49	19° 1	19°26	20°56	22°40	3°30	29° 4	29° 9	15°27	n.a.	F 27
S 28	21 48 37	25° 6'48	24°59	20° 7	9°44	8°31	19° 9	19°23	20°57	22°39	3°30	29°D 4	29° 6	15°33	n.a.	S 28
S 29	21 52 33	26° 6'03	7♓58	21°14	10°48	9°13	19°18	19°20	20°58	22°38	3°30	29° 4	29° 3	15°40	n.a.	S 29
M30	21 56 30	27° 5'21	20°41	22°20	11°53	9°56	19°27	19°16	20°59	22°36	3°30	29° 4	29° 0	15°47	n.a.	M30
T 31	22 0 26	28♌ 4'41	3♈ 9	23♍23	12♋58	10♏38	19♊35	19♑13	21♏ 0	22♑35	3♐30	29♒ 4	28♒57	15♉53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	20n45	11s40	0n 3	18n48	1n 9	18n56	3s49	9s22	1s27	22n49	0s 5	23s17	1s11	18s10	0n 5	22s16	0s31	19s26	1n48	11s54	11s27	20n29			n.a.
M 2	20 33	5 46	1 13	18 14	1 3	19 7	3 44	9 37	1 27	22 51	0 5	23 18	1 11	18 10	0 5	22 16	0 31	19 26	1 48	11 54	11 28	20 32			n.a.
T 3	20 20	0n11	2 17	17 39	0 58	19 18	3 40	9 53	1 28	22 52	0 5	23 18	1 11	18 9	0 5	22 16	0 31	19 27	1 48	11 53	11 30	20 34			n.a.
W 4	20 7	6 0	3 14	17 3	0 52	19 29	3 35	10 8	1 29	22 54	0 5	23 19	1 11	18 9	0 5	22 17	0 31	19 27	1 48	11 53	11 31	20 36			n.a.
T 5	19 54	11 29	4 2	16 27	0 45	19 39	3 30	10 24	1 29	22 55	0 5	23 20	1 11	18 9	0 5	22 17	0 31	19 27	1 47	11 52	11 32	20 39			n.a.
F 6	19 40	16 30	4 38	15 50	0 39	19 49	3 25	10 39	1 30	22 56	0 5	23 21	1 11	18 9	0 5	22 17	0 31	19 27	1 47	11 52	11 33	20 41			n.a.
S 7	19 26	20 53	5 2	15 13	0 32	19 59	3 20	10 54	1 30	22 57	0 4	23 21	1 11	18 9	0 5	22 17	0 31	19 27	1 47	11 52	11 34	20 43			n.a.
S 8	19 12	24 26	5 13	14 35	0 25	20 9	3 15	11 10	1 31	22 59	0 4	23 22	1 11	18 9	0 5	22 18	0 31	19 27	1 47	11 53	11 35	20 46			n.a.
M 9	18 57	26 58	5 11	13 58	0 18	20 18	3 10	11 25	1 31	23 0	0 4	23 23	1 11	18 9	0 5	22 18	0 31	19 27	1 47	11 53	11 36	20 48			n.a.
T 10	18 42	28 17	4 55	13 19	0 11	20 27	3 5	11 40	1 32	23 1	0 4	23 24	1 12	18 9	0 5	22 18	0 31	19 27	1 47	11 55	11 38	20 50			n.a.
W11	18 27	28 13	4 25	12 41	0 4	20 35	3 0	11 56	1 33	23 2	0 4	23 24	1 12	18 9	0 5	22 19	0 31	19 27	1 47	11 56	11 39	20 53			n.a.
T 12	18 11	26 41	3 41	12 2	0s 4	20 44	2 55	12 11	1 33	23 4	0 4	23 25	1 12	18 9	0 5	22 19	0 31	19 27	1 46	11 57	11 40	20 55			n.a.
F 13	17 55	23 43	2 46	11 24	0 11	20 51	2 50	12 26	1 34	23 5	0 4	23 26	1 12	18 9	0 5	22 19	0 31	19 27	1 46	11 58	11 41	20 57			n.a.
S 14	17 39	19 27	1 40	10 45	0 19	20 59	2 45	12 41	1 34	23 6	0 4	23 26	1 12	18 10	0 5	22 19	0 31	19 27	1 46	11 58	11 42	21 0			n.a.
S 15	17 22	14 9	0 28	10 6	0 27	21 6	2 39	12 57	1 35	23 7	0 4	23 27	1 12	18 10	0 5	22 20	0 31	19 27	1 46	11 59	11 43	21 2			n.a.
M16	17 5	8 4	0s48	9 27	0 34	21 13	2 34	13 12	1 35	23 8	0 4	23 28	1 12	18 10	0 5	22 20	0 31	19 27	1 46	11 59	11 44	21 4			n.a.
T 17	16 48	1 31	2 1	8 48	0 42	21 19	2 29	13 27	1 35	23 9	0 3	23 28	1 12	18 10	0 5	22 20	0 31	19 27	1 46	11 58	11 45	21 7			n.a.
W18	16 30	5s 9	3 9	8 10	0 50	21 25	2 24	13 42	1 36	23 10	0 3	23 29	1 12	18 10	0 5	22 20	0 31	19 27	1 45	11 58	11 47	21 9			n.a.
T 19	16 13	11 37	4 5	7 31	0 58	21 30	2 19	13 57	1 36	23 11	0 3	23 30	1 12	18 10	0 5	22 21	0 31	19 28	1 45	11 58	11 48	21 11			n.a.
F 20	15 55	17 31	4 46	6 53	1 6	21 35	2 13	14 11	1 37	23 12	0 3	23 30	1 12	18 10	0 5	22 21	0 31	19 28	1 45	11 57	11 49	21 13			n.a.
S 21	15 36	22 28	5 11	6 15	1 14	21 39	2 8	14 26	1 37	23 13	0 3	23 31	1 12	18 10	0 5	22 21	0 31	19 28	1 45	11 57	11 50	21 16			n.a.
S 22	15 18	26 7	5 16	5 37	1 22	21 43	2 3	14 41	1 38	23 14	0 3	23 31	1 12	18 11	0 5	22 21	0 31	19 28	1 45	11 57	11 51	21 18			n.a.
M23	14 59	28 7	5 2	5 0	1 29	21 46	1 58	14 56	1 38	23 15	0 3	23 32	1 12	18 11	0 5	22 22	0 31	19 28	1 45	11 58	11 52	21 20			n.a.
T 24	14 40	28 19	4 30	4 23	1 37	21 49	1 53	15 10	1 38	23 16	0 3	23 32	1 12	18 11	0 5	22 22	0 31	19 28	1 45	11 58	11 53	21 23			n.a.
W25	14 20	26 42	3 42	3 47	1 45	21 51	1 47	15 25	1 39	23 17	0 3	23 33	1 12	18 11	0 4	22 22	0 31	19 28	1 44	11 58	11 55	21 25			n.a.
T 26	14 1	23 29	2 43	3 11	1 53	21 53	1 42	15 39	1 39	23 18	0 2	23 33	1 12	18 11	0 4	22 22	0 31	19 28	1 44	11 59	11 56	21 27			n.a.
F 27	13 41	19 3	1 35	2 36	2 0	21 54	1 37	15 53	1 39	23 19	0 2	23 34	1 12	18 12	0 4	22 23	0 31	19 29	1 44	11 59	11 57	21 29			n.a.
S 28	13 21	13 45	0 23	2 2	2 7	21 55	1 32	16 8	1 39	23 19	0 2	23 34	1 12	18 12	0 4	22 23	0 31	19 29	1 44	11 59	11 58	21 32			n.a.
S 29	13 1	7 57	0n49	1 28	2 15	21 55	1 27	16 22	1 40	23 20	0 2	23 35	1 12	18 12	0 4	22 23	0 31	19 29	1 44	11 59	11 59	21 34			n.a.
M30	12 40	1 58	1 57	0 55	2 22	21 55	1 22	16 36	1 40	23 21	0 2	23 35	1 12	18 13	0 4	22 23	0 31	19 29	1 44	11 59	12 0	21 36			n.a.
T 31	12n20	3n59	2n58	0n24	2s29	21n54	1s17	16s50	1s40	23n22	0s 2	23s36	1s12	18s13	0n 4	22s24	0s31	19s29	1n44	11s59	12s 1	21n38			n.a.

Julian Day Number = 1373552.5, Delta T = 06h48m34s
Ecliptic obliquity = 23°48'40, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°13'29, Lahiri = -17°06'29 Julian Calendar 1 Aug. 953 BCE == Greg. Calendar 23 July 953 BCE

The year -952 astronomical counting style corresponds to year 953 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 953 BCE
geocentric

SEPTEMBER 953 BCE (-952) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 4 23	29♌ 4'03	15♈23	24♍23	14♋ 3	11♏21	19♊43	19°R10	21♏ 1	22°R34	3♐31	29°R 4	28♒53	16♉ 0	n.a.	W 1
T 2	22 8 19	0♍ 3'27	27°26	25°21	15° 8	12° 4	19°51	19♑ 7	21° 2	22♑33	3°31	29♒ 4	28°50	16° 7	n.a.	T 2
F 3	22 12 16	1° 2'54	9♉22	26°16	16°14	12°46	19°59	19° 5	21° 3	22°31	3°31	29° 4	28°47	16°14	n.a.	F 3
S 4	22 16 12	2° 2'24	21°15	27° 8	17°20	13°29	20° 7	19° 2	21° 5	22°30	3°31	29° 4	28°44	16°20	n.a.	S 4
S 5	22 20 9	3° 1'55	3♊ 8	27°57	18°27	14°12	20°15	18°59	21° 6	22°29	3°32	29°D 4	28°41	16°27	n.a.	S 5
M 6	22 24 5	4° 1'30	15° 8	28°41	19°33	14°55	20°22	18°57	21° 7	22°28	3°32	29° 4	28°38	16°34	n.a.	M 6
T 7	22 28 2	5° 1'07	27°17	29°22	20°40	15°39	20°30	18°54	21° 9	22°27	3°32	29° 4	28°34	16°40	n.a.	T 7
W 8	22 31 59	6° 0'46	9♋42	29°58	21°47	16°22	20°37	18°52	21°10	22°26	3°33	29° 5	28°31	16°47	n.a.	W 8
T 9	22 35 55	7° 0'27	22°24	0♎29	22°54	17° 5	20°44	18°50	21°12	22°25	3°33	29° 6	28°28	16°54	n.a.	T 9
F 10	22 39 52	8° 0'11	5♌28	0°54	24° 2	17°49	20°51	18°47	21°13	22°24	3°34	29° 6	28°25	17° 1	n.a.	F 10
S 11	22 43 48	8°59'57	18°53	1°14	25° 9	18°32	20°58	18°45	21°15	22°23	3°34	29° 7	28°22	17° 7	n.a.	S 11
S 12	22 47 45	9°59'45	2♍41	1°26	26°17	19°16	21° 5	18°43	21°17	22°22	3°35	29°R 7	28°19	17°14	n.a.	S 12
M13	22 51 41	10°59'36	16°47	1°R32	27°25	20° 0	21°12	18°41	21°19	22°21	3°35	29° 7	28°15	17°21	n.a.	M13
T 14	22 55 38	11°59'28	1♎ 8	1°30	28°33	20°44	21°18	18°39	21°20	22°20	3°36	29° 5	28°12	17°28	n.a.	T 14
W15	22 59 34	12°59'23	15°39	1°21	29°42	21°27	21°24	18°38	21°22	22°19	3°37	29° 4	28° 9	17°34	n.a.	W15
T 16	23 3 31	13°59'19	0♏13	1° 2	0♌50	22°11	21°30	18°36	21°24	22°18	3°37	29° 2	28° 6	17°41	n.a.	T 16
F 17	23 7 28	14°59'17	14°45	0°35	1°59	22°56	21°36	18°35	21°26	22°17	3°38	29° 0	28° 3	17°48	n.a.	F 17
S 18	23 11 24	15°59'18	29° 9	29♍58	3° 8	23°40	21°42	18°33	21°28	22°16	3°39	28°59	27°59	17°54	n.a.	S 18
S 19	23 15 21	16°59'19	13♐23	29°13	4°17	24°24	21°48	18°32	21°30	22°16	3°39	28°D58	27°56	18° 1	n.a.	S 19
M20	23 19 17	17°59'23	27°23	28°19	5°27	25° 8	21°53	18°31	21°32	22°15	3°40	28°58	27°53	18° 8	n.a.	M20
T 21	23 23 14	18°59'28	11♑ 9	27°17	6°36	25°52	21°59	18°29	21°34	22°14	3°41	28°59	27°50	18°15	n.a.	T 21
W22	23 27 10	19°59'35	24°41	26° 9	7°46	26°37	22° 4	18°28	21°36	22°13	3°42	29° 1	27°47	18°21	n.a.	W22
T 23	23 31 7	20°59'44	7♒58	24°55	8°56	27°21	22° 9	18°27	21°38	22°13	3°43	29° 2	27°44	18°28	n.a.	T 23
F 24	23 35 3	21°59'55	21° 3	23°38	10° 6	28° 6	22°14	18°27	21°40	22°12	3°43	29° 3	27°40	18°35	n.a.	F 24
S 25	23 39 0	23° 0'07	3♓55	22°21	11°16	28°50	22°18	18°26	21°43	22°11	3°44	29°R 3	27°37	18°41	n.a.	S 25
S 26	23 42 56	24° 0'21	16°35	21° 4	12°26	29°35	22°23	18°25	21°45	22°11	3°45	29° 2	27°34	18°48	n.a.	S 26
M27	23 46 53	25° 0'37	29° 4	19°52	13°36	0♐20	22°27	18°25	21°47	22°10	3°46	29° 0	27°31	18°55	n.a.	M27
T 28	23 50 50	26° 0'54	11♈22	18°46	14°47	1° 4	22°31	18°24	21°50	22°10	3°47	28°56	27°28	19° 2	n.a.	T 28
W29	23 54 46	27° 1'14	23°30	17°48	15°58	1°49	22°35	18°24	21°52	22° 9	3°48	28°51	27°24	19° 8	n.a.	W29
T 30	23 58 43	28♍ 1'36	5♉31	16♍59	17♌ 9	2♐34	22♊39	18♑24	21♏55	22♑ 9	3♐49	28♒46	27♒21	19♉15	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11n59	9n40	3n49	0s 6	2s35	21n52	1s12	17s 3	1s41	23n23	0s 2	23s36	1s12	18s13	0n 4	22s24	0s31	19s30	1n43	11s59	12s 2	21n40		n.a.
T 2	11 38	14 54	4 30	0 36	2 42	21 50	1 7	17 17	1 41	23 23	0 2	23 37	1 12	18 13	0 4	22 24	0 31	19 30	1 43	11 59	12 4	21 43		n.a.
F 3	11 16	19 32	4 58	1 3	2 48	21 47	1 2	17 31	1 41	23 24	0 2	23 37	1 12	18 14	0 4	22 24	0 31	19 30	1 43	11 59	12 5	21 45		n.a.
S 4	10 55	23 23	5 14	1 29	2 53	21 44	0 57	17 44	1 41	23 25	0 1	23 37	1 12	18 14	0 4	22 24	0 31	19 30	1 43	11 59	12 6	21 47		n.a.
S 5	10 33	26 16	5 16	1 54	2 59	21 40	0 52	17 58	1 41	23 26	0 1	23 38	1 12	18 15	0 4	22 25	0 31	19 30	1 43	11 59	12 7	21 49		n.a.
M 6	10 11	28 1	5 5	2 16	3 4	21 35	0 47	18 11	1 42	23 26	0 1	23 38	1 12	18 15	0 4	22 25	0 31	19 31	1 43	11 59	12 8	21 51		n.a.
T 7	9 49	28 26	4 39	2 36	3 8	21 30	0 42	18 24	1 42	23 27	0 1	23 38	1 12	18 15	0 4	22 25	0 31	19 31	1 42	11 59	12 9	21 54		n.a.
W 8	9 27	27 27	4 1	2 54	3 12	21 24	0 38	18 37	1 42	23 28	0 1	23 39	1 12	18 16	0 4	22 25	0 31	19 31	1 42	11 58	12 10	21 56		n.a.
T 9	9 4	25 2	3 10	3 10	3 15	21 18	0 33	18 50	1 42	23 28	0 1	23 39	1 12	18 16	0 4	22 25	0 31	19 31	1 42	11 58	12 11	21 58		n.a.
F 10	8 42	21 15	2 7	3 22	3 17	21 11	0 28	19 2	1 42	23 29	0 1	23 39	1 12	18 17	0 4	22 25	0 31	19 31	1 42	11 58	12 12	22 0		n.a.
S 11	8 19	16 17	0 56	3 31	3 18	21 3	0 24	19 15	1 42	23 29	0 1	23 40	1 12	18 17	0 4	22 26	0 31	19 32	1 42	11 58	12 14	22 2		n.a.
S 12	7 56	10 22	0s20	3 37	3 19	20 55	0 19	19 27	1 42	23 30	0 0	23 40	1 12	18 18	0 4	22 26	0 31	19 32	1 42	11 58	12 15	22 4		n.a.
M13	7 33	3 50	1 36	3 38	3 18	20 46	0 15	19 39	1 42	23 31	0 0	23 40	1 12	18 18	0 4	22 26	0 31	19 32	1 42	11 58	12 16	22 6		n.a.
T 14	7 10	3s 1	2 48	3 36	3 16	20 36	0 10	19 51	1 42	23 31	0 0	23 40	1 12	18 18	0 4	22 26	0 31	19 32	1 41	11 58	12 17	22 9		n.a.
W15	6 47	9 46	3 50	3 29	3 13	20 26	0 6	20 3	1 43	23 32	0 0	23 41	1 12	18 19	0 4	22 26	0 31	19 33	1 41	11 59	12 18	22 11		n.a.
T 16	6 24	16 2	4 37	3 17	3 8	20 16	0 1	20 15	1 43	23 32	0n 0	23 41	1 12	18 19	0 4	22 26	0 31	19 33	1 41	11 59	12 19	22 13		n.a.
F 17	6 0	21 22	5 6	3 0	3 1	20 4	0n 3	20 27	1 43	23 33	0 0	23 41	1 12	18 20	0 4	22 27	0 31	19 33	1 41	12 0	12 20	22 15		n.a.
S 18	5 37	25 24	5 15	2 38	2 53	19 52	0 7	20 38	1 43	23 33	0 0	23 41	1 12	18 21	0 4	22 27	0 31	19 34	1 41	12 1	12 21	22 17		n.a.
S 19	5 13	27 49	5 6	2 10	2 43	19 40	0 11	20 49	1 43	23 34	0 0	23 41	1 12	18 21	0 4	22 27	0 31	19 34	1 41	12 1	12 23	22 19		n.a.
M20	4 49	28 25	4 38	1 37	2 31	19 27	0 15	21 0	1 43	23 34	0 1	23 42	1 12	18 22	0 4	22 27	0 31	19 34	1 41	12 1	12 24	22 21		n.a.
T 21	4 25	27 13	3 54	0 59	2 17	19 13	0 19	21 11	1 43	23 35	0 1	23 42	1 12	18 22	0 4	22 27	0 31	19 34	1 40	12 0	12 25	22 23		n.a.
W22	4 1	24 26	2 58	0 17	2 1	18 59	0 23	21 22	1 43	23 35	0 1	23 42	1 12	18 23	0 4	22 27	0 31	19 35	1 40	12 0	12 26	22 25		n.a.
T 23	3 37	20 23	1 53	0n28	1 43	18 44	0 27	21 32	1 43	23 35	0 1	23 42	1 12	18 23	0 4	22 27	0 31	19 35	1 40	11 59	12 27	22 28		n.a.
F 24	3 13	15 24	0 44	1 16	1 25	18 29	0 31	21 43	1 43	23 36	0 1	23 42	1 12	18 24	0 4	22 27	0 31	19 35	1 40	11 59	12 28	22 30		n.a.
S 25	2 49	9 49	0n27	2 6	1 5	18 13	0 34	21 53	1 43	23 36	0 1	23 42	1 12	18 25	0 4	22 27	0 31	19 36	1 40	11 59	12 29	22 32		n.a.
S 26	2 25	3 55	1 35	2 55	0 44	17 57	0 38	22 2	1 42	23 37	0 1	23 42	1 11	18 25	0 4	22 28	0 31	19 36	1 40	11 59	12 30	22 34		n.a.
M27	2 1	2n 1	2 37	3 43	0 24	17 40	0 42	22 12	1 42	23 37	0 1	23 42	1 11	18 26	0 4	22 28	0 31	19 36	1 40	12 0	12 31	22 36		n.a.
T 28	1 36	7 48	3 31	4 28	0 3	17 22	0 45	22 22	1 42	23 37	0 2	23 42	1 11	18 26	0 4	22 28	0 31	19 37	1 39	12 2	12 33	22 38		n.a.
W29	1 12	13 12	4 15	5 9	0n17	17 4	0 49	22 31	1 42	23 38	0 2	23 42	1 11	18 27	0 4	22 28	0 31	19 37	1 39	12 3	12 34	22 40		n.a.
T 30	0n48	18n 3	4n47	5n45	0n35	16n46	0n52	22s40	1s42	23n38	0n 2	23s42	1s11	18s28	0n 4	22s28	0s31	19s37	1n39	12s 5	12s35	22n42		n.a.

Julian Day Number = 1373583.5, Delta T = 06h48m33s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°13'25, Lahiri = -17°06'25 Julian Calendar 1 Sept. 953 BCE == Greg. Calendar 23 Aug. 953 BCE

The year -952 astronomical counting style corresponds to year 953 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 953 BCE
geocentric

OCTOBER 953 BCE (-952) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 2 39	29♍ 1'59	17♉25	16°R22	18♌20	3♐19	22♊42	18°D24	21♏57	22°R 8	3♐50	28°R41	27♒18	19♉22	n.a.	F 1
S 2	0 6 36	0♎ 2'25	29°17	15♍56	19°31	4° 4	22°46	18♋24	22° 0	22♋ 8	3°51	28♒36	27°15	19°29	n.a.	S 2
S 3	0 10 32	1° 2'53	11♊ 9	15°41	20°42	4°49	22°49	18°24	22° 2	22° 8	3°53	28°33	27°12	19°35	n.a.	S 3
M 4	0 14 29	2° 3'23	23° 6	15°D39	21°53	5°34	22°52	18°24	22° 5	22° 7	3°54	28°31	27° 9	19°42	n.a.	M 4
T 5	0 18 25	3° 3'55	5♋12	15°47	23° 5	6°19	22°55	18°24	22° 7	22° 7	3°55	28°D30	27° 5	19°49	n.a.	T 5
W 6	0 22 22	4° 4'29	17°32	16° 6	24°16	7° 4	22°58	18°25	22°10	22° 7	3°56	28°31	27° 2	19°55	n.a.	W 6
T 7	0 26 19	5° 5'05	0♌11	16°34	25°28	7°50	23° 0	18°25	22°13	22° 7	3°57	28°33	26°59	20° 2	n.a.	T 7
F 8	0 30 15	6° 5'42	13°13	17°11	26°40	8°35	23° 2	18°26	22°16	22° 6	3°59	28°34	26°56	20° 9	n.a.	F 8
S 9	0 34 12	7° 6'22	26°41	17°57	27°52	9°20	23° 4	18°27	22°18	22° 6	4° 0	28°R35	26°53	20°16	n.a.	S 9
S 10	0 38 8	8° 7'03	10♍37	18°49	29° 4	10° 5	23° 6	18°28	22°21	22° 6	4° 1	28°34	26°50	20°22	n.a.	S 10
M11	0 42 5	9° 7'46	24°58	19°47	0♍16	10°51	23° 8	18°29	22°24	22° 6	4° 3	28°32	26°46	20°29	n.a.	M11
T 12	0 46 1	10° 8'31	9♎40	20°50	1°29	11°36	23° 9	18°30	22°27	22° 6	4° 4	28°27	26°43	20°36	n.a.	T 12
W13	0 49 58	11° 9'17	24°37	21°59	2°41	12°22	23°11	18°31	22°30	22°D 6	4° 5	28°21	26°40	20°43	n.a.	W13
T 14	0 53 54	12°10'05	9♏40	23°11	3°53	13° 7	23°12	18°32	22°33	22° 6	4° 7	28°14	26°37	20°49	n.a.	T 14
F 15	0 57 51	13°10'54	24°38	24°26	5° 6	13°53	23°13	18°34	22°36	22° 6	4° 8	28° 7	26°34	20°56	n.a.	F 15
S 16	1 1 48	14°11'44	9♐23	25°45	6°19	14°38	23°14	18°35	22°39	22° 6	4°10	28° 2	26°30	21° 3	n.a.	S 16
S 17	1 5 44	15°12'36	23°50	27° 6	7°31	15°24	23°14	18°37	22°42	22° 6	4°11	27°57	26°27	21° 9	n.a.	S 17
M18	1 9 41	16°13'28	7♑55	28°29	8°44	16°10	23°14	18°38	22°45	22° 6	4°13	27°55	26°24	21°16	n.a.	M18
T 19	1 13 37	17°14'22	21°37	29°54	9°57	16°55	23°R15	18°40	22°48	22° 7	4°14	27°D55	26°21	21°23	n.a.	T 19
W20	1 17 34	18°15'17	4♒58	1♎20	11°10	17°41	23°14	18°42	22°51	22° 7	4°16	27°56	26°18	21°30	n.a.	W20
T 21	1 21 30	19°16'12	18° 0	2°48	12°23	18°27	23°14	18°44	22°54	22° 7	4°17	27°57	26°15	21°36	n.a.	T 21
F 22	1 25 27	20°17'09	0♓46	4°16	13°36	19°12	23°14	18°46	22°57	22° 7	4°19	27°R58	26°11	21°43	n.a.	F 22
S 23	1 29 23	21°18'06	13°19	5°46	14°49	19°58	23°13	18°49	23° 1	22° 8	4°20	27°56	26° 8	21°50	n.a.	S 23
S 24	1 33 20	22°19'05	25°42	7°16	16° 3	20°44	23°12	18°51	23° 4	22° 8	4°22	27°52	26° 5	21°56	n.a.	S 24
M25	1 37 17	23°20'04	7♈56	8°47	17°16	21°30	23°11	18°53	23° 7	22° 8	4°24	27°46	26° 2	22° 3	n.a.	M25
T 26	1 41 13	24°21'05	20° 2	10°18	18°29	22°16	23°10	18°56	23°10	22° 9	4°25	27°37	25°59	22°10	n.a.	T 26
W27	1 45 10	25°22'06	2♉ 3	11°50	19°43	23° 1	23° 8	18°58	23°14	22° 9	4°27	27°26	25°56	22°17	n.a.	W27
T 28	1 49 6	26°23'09	14° 0	13°22	20°56	23°47	23° 7	19° 1	23°17	22°10	4°29	27°14	25°52	22°23	n.a.	T 28
F 29	1 53 3	27°24'13	25°53	14°54	22°10	24°33	23° 5	19° 4	23°20	22°10	4°30	27° 2	25°49	22°30	n.a.	F 29
S 30	1 56 59	28°25'18	7♊44	16°26	23°24	25°19	23° 3	19° 7	23°24	22°11	4°32	26°51	25°46	22°37	n.a.	S 30
S 31	2 0 56	29♎26'24	19♊36	17♎59	24♍38	26♐ 5	23♊ 1	19♋10	23♏27	22♋12	4♐34	26♒42	25♒43	22♉44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n23	22n10	5n 6	6n16	0n53	16n27	0n55	22s49	1s42	23n38	0n 2	23s42	1s11	18s28	0n 4	22s28	0s31	19s38	1n39	12s 7	12s36	22n44		n.a.
S 2	0s 1	25 22	5 12	6 41	1 8	16 7	0 58	22 57	1 42	23 39	0 2	23 42	1 11	18 29	0 4	22 28	0 31	19 38	1 39	12 9	12 37	22 46		n.a.
S 3	0 25	27 29	5 4	6 59	1 22	15 47	1 1	23 6	1 42	23 39	0 2	23 42	1 11	18 30	0 4	22 28	0 31	19 38	1 39	12 10	12 38	22 48		n.a.
M 4	0 50	28 21	4 44	7 12	1 35	15 26	1 4	23 14	1 42	23 39	0 2	23 42	1 11	18 30	0 4	22 28	0 31	19 39	1 39	12 10	12 39	22 50		n.a.
T 5	1 14	27 53	4 10	7 18	1 45	15 5	1 7	23 22	1 41	23 40	0 3	23 42	1 11	18 31	0 4	22 28	0 31	19 39	1 38	12 11	12 40	22 52		n.a.
W 6	1 39	26 1	3 25	7 19	1 54	14 44	1 10	23 29	1 41	23 40	0 3	23 42	1 11	18 32	0 4	22 28	0 31	19 39	1 38	12 10	12 41	22 54		n.a.
T 7	2 3	22 50	2 28	7 14	2 2	14 22	1 13	23 37	1 41	23 40	0 3	23 42	1 11	18 33	0 4	22 28	0 31	19 40	1 38	12 10	12 42	22 56		n.a.
F 8	2 27	18 26	1 23	7 5	2 7	14 0	1 15	23 44	1 41	23 40	0 3	23 42	1 11	18 33	0 4	22 28	0 31	19 40	1 38	12 9	12 44	22 58		n.a.
S 9	2 52	12 58	0 10	6 51	2 12	13 37	1 18	23 51	1 41	23 41	0 3	23 41	1 11	18 34	0 4	22 28	0 31	19 41	1 38	12 9	12 45	23 0		n.a.
S 10	3 16	6 42	1s 5	6 33	2 15	13 14	1 20	23 58	1 40	23 41	0 3	23 41	1 11	18 35	0 4	22 28	0 31	19 41	1 38	12 9	12 46	23 2		n.a.
M11	3 40	0s 4	2 18	6 12	2 17	12 50	1 23	24 4	1 40	23 41	0 3	23 41	1 11	18 36	0 4	22 28	0 31	19 41	1 38	12 10	12 47	23 4		n.a.
T 12	4 5	7 0	3 24	5 47	2 17	12 26	1 25	24 11	1 40	23 41	0 4	23 41	1 11	18 36	0 4	22 28	0 31	19 42	1 37	12 12	12 48	23 6		n.a.
W13	4 29	13 39	4 17	5 20	2 17	12 2	1 27	24 17	1 40	23 42	0 4	23 41	1 11	18 37	0 4	22 28	0 31	19 42	1 37	12 14	12 49	23 8		n.a.
T 14	4 53	19 32	4 52	4 50	2 16	11 37	1 29	24 22	1 39	23 42	0 4	23 40	1 11	18 38	0 4	22 28	0 31	19 42	1 37	12 16	12 50	23 10		n.a.
F 15	5 17	24 11	5 7	4 18	2 14	11 12	1 31	24 28	1 39	23 42	0 4	23 40	1 11	18 39	0 4	22 28	0 31	19 43	1 37	12 19	12 51	23 12		n.a.
S 16	5 41	27 10	5 2	3 44	2 12	10 46	1 33	24 33	1 39	23 42	0 4	23 40	1 11	18 39	0 4	22 28	0 31	19 43	1 37	12 21	12 52	23 14		n.a.
S 17	6 5	28 17	4 37	3 8	2 9	10 20	1 35	24 38	1 39	23 42	0 4	23 40	1 11	18 40	0 4	22 28	0 31	19 44	1 37	12 22	12 53	23 16		n.a.
M18	6 29	27 30	3 56	2 31	2 5	9 54	1 36	24 43	1 38	23 43	0 4	23 39	1 11	18 41	0 4	22 28	0 31	19 44	1 37	12 23	12 55	23 17		n.a.
T 19	6 52	25 3	3 3	1 53	2 1	9 28	1 38	24 47	1 38	23 43	0 5	23 39	1 11	18 42	0 4	22 28	0 31	19 44	1 36	12 23	12 56	23 19		n.a.
W20	7 16	21 16	2 0	1 14	1 57	9 1	1 40	24 51	1 38	23 43	0 5	23 39	1 10	18 43	0 4	22 28	0 31	19 45	1 36	12 23	12 57	23 21		n.a.
T 21	7 39	16 31	0 53	0 34	1 52	8 34	1 41	24 55	1 37	23 43	0 5	23 38	1 10	18 43	0 4	22 28	0 31	19 45	1 36	12 22	12 58	23 23		n.a.
F 22	8 3	11 8	0n15	0s 6	1 46	8 7	1 42	24 59	1 37	23 43	0 5	23 38	1 10	18 44	0 4	22 28	0 31	19 46	1 36	12 22	12 59	23 25		n.a.
S 23	8 26	5 24	1 22	0 47	1 41	7 39	1 44	25 2	1 37	23 43	0 5	23 38	1 10	18 45	0 4	22 28	0 31	19 46	1 36	12 23	13 0	23 27		n.a.
S 24	8 49	0n27	2 23	1 28	1 35	7 12	1 45	25 5	1 36	23 43	0 5	23 37	1 10	18 46	0 4	22 28	0 31	19 47	1 36	12 24	13 1	23 29		n.a.
M25	9 12	6 12	3 17	2 10	1 29	6 44	1 46	25 8	1 36	23 43	0 6	23 37	1 10	18 47	0 4	22 28	0 31	19 47	1 36	12 26	13 2	23 31		n.a.
T 26	9 35	11 40	4 1	2 52	1 23	6 15	1 47	25 10	1 36	23 44	0 6	23 37	1 10	18 48	0 4	22 28	0 31	19 47	1 36	12 29	13 3	23 33		n.a.
W27	9 58	16 39	4 34	3 34	1 17	5 47	1 48	25 13	1 35	23 44	0 6	23 36	1 10	18 48	0 4	22 28	0 31	19 48	1 35	12 33	13 4	23 34		n.a.
T 28	10 20	20 58	4 55	4 17	1 10	5 18	1 49	25 15	1 35	23 44	0 6	23 36	1 10	18 49	0 4	22 28	0 31	19 48	1 35	12 37	13 5	23 36		n.a.
F 29	10 43	24 25	5 3	4 59	1 4	4 49	1 49	25 16	1 35	23 44	0 6	23 35	1 10	18 50	0 4	22 27	0 31	19 49	1 35	12 41	13 7	23 38		n.a.
S 30	11 5	26 50	4 58	5 41	0 57	4 20	1 50	25 18	1 34	23 44	0 6	23 35	1 10	18 51	0 4	22 27	0 31	19 49	1 35	12 45	13 8	23 40		n.a.
S 31	11s27	28n 2	4n39	6s23	0n50	3n51	1n50	25s19	1s34	23n44	0n 6	23s34	1s10	18s52	0n 4	22s27	0s31	19s50	1n35	12s48	13s 9	23n42		n.a.

Julian Day Number = 1373613.5, Delta T = 06h48m31s
Ecliptic obliquity = 23°48'41, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°13'21, Lahiri = -17°06'20 Julian Calendar 1 Oct. 953 BCE == Greg. Calendar 22 Sept. 953 BCE

The year -952 astronomical counting style corresponds to year 953 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 953 BCE
geocentric

NOVEMBER 953 BCE (-952) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 4 52	0♏27'31	1♋32	19♎32	25♍51	26♐51	22°R58	19♑13	23♏30	22♑12	4♐36	26°R35	25♒40	22♉50	n.a.	M 1
T 2	2 8 49	1°28'40	13°36	21° 5	27° 5	27°37	22♊56	19°16	23°34	22°13	4°38	26♒31	25°36	22°57	n.a.	T 2
W 3	2 12 46	2°29'49	25°51	22°38	28°19	28°23	22°53	19°19	23°37	22°14	4°39	26°29	25°33	23° 4	n.a.	W 3
T 4	2 16 42	3°31'00	8♌24	24°11	29°33	29° 9	22°50	19°23	23°41	22°14	4°41	26°D29	25°30	23°10	n.a.	T 4
F 5	2 20 39	4°32'11	21°18	25°44	0♎47	29°55	22°46	19°26	23°44	22°15	4°43	26°R29	25°27	23°17	n.a.	F 5
S 6	2 24 35	5°33'24	4♍39	27°17	2° 1	0♑41	22°43	19°30	23°47	22°16	4°45	26°29	25°24	23°24	n.a.	S 6
S 7	2 28 32	6°34'37	18°29	28°51	3°15	1°27	22°39	19°34	23°51	22°17	4°47	26°27	25°21	23°31	n.a.	S 7
M 8	2 32 28	7°35'51	2♎48	0♏24	4°29	2°13	22°36	19°37	23°54	22°18	4°49	26°23	25°17	23°37	n.a.	M 8
T 9	2 36 25	8°37'06	17°35	1°58	5°43	2°59	22°32	19°41	23°58	22°18	4°50	26°16	25°14	23°44	n.a.	T 9
W10	2 40 21	9°38'22	2♏43	3°32	6°58	3°45	22°28	19°45	24° 1	22°19	4°52	26° 6	25°11	23°51	n.a.	W10
T 11	2 44 18	10°39'38	18° 2	5° 6	8°12	4°31	22°23	19°49	24° 5	22°20	4°54	25°55	25° 8	23°58	n.a.	T 11
F 12	2 48 15	11°40'55	3♐21	6°40	9°26	5°17	22°19	19°53	24° 9	22°21	4°56	25°44	25° 5	24° 4	n.a.	F 12
S 13	2 52 11	12°42'12	18°27	8°14	10°41	6° 3	22°14	19°57	24°12	22°22	4°58	25°34	25° 2	24°11	n.a.	S 13
S 14	2 56 8	13°43'30	3♑13	9°48	11°55	6°49	22° 9	20° 2	24°16	22°23	5° 0	25°26	24°58	24°18	n.a.	S 14
M15	3 0 4	14°44'47	17°32	11°22	13° 9	7°35	22° 4	20° 6	24°19	22°25	5° 2	25°21	24°55	24°24	n.a.	M15
T 16	3 4 1	15°46'05	1♒23	12°57	14°24	8°21	21°59	20°10	24°23	22°26	5° 4	25°18	24°52	24°31	n.a.	T 16
W17	3 7 57	16°47'22	14°46	14°32	15°38	9° 7	21°54	20°15	24°26	22°27	5° 6	25°D18	24°49	24°38	n.a.	W17
T 18	3 11 54	17°48'39	27°45	16° 7	16°53	9°53	21°48	20°20	24°30	22°28	5° 8	25°R18	24°46	24°45	n.a.	T 18
F 19	3 15 51	18°49'56	10♓24	17°42	18° 7	10°39	21°43	20°24	24°34	22°29	5°10	25°17	24°42	24°51	n.a.	F 19
S 20	3 19 47	19°51'13	22°47	19°18	19°22	11°25	21°37	20°29	24°37	22°31	5°12	25°15	24°39	24°58	n.a.	S 20
S 21	3 23 44	20°52'30	4♈58	20°53	20°36	12°11	21°31	20°34	24°41	22°32	5°14	25° 9	24°36	25° 5	n.a.	S 21
M22	3 27 40	21°53'47	17° 2	22°29	21°51	12°57	21°25	20°39	24°45	22°33	5°16	25° 1	24°33	25°11	n.a.	M22
T 23	3 31 37	22°55'04	28°59	24° 6	23° 5	13°43	21°19	20°44	24°48	22°34	5°18	24°50	24°30	25°18	n.a.	T 23
W24	3 35 33	23°56'20	10♉54	25°42	24°20	14°29	21°12	20°49	24°52	22°36	5°20	24°36	24°27	25°25	n.a.	W24
T 25	3 39 30	24°57'37	22°47	27°19	25°34	15°15	21° 6	20°54	24°55	22°37	5°22	24°21	24°23	25°32	n.a.	T 25
F 26	3 43 26	25°58'53	4♊40	28°57	26°49	16° 1	20°59	20°59	24°59	22°39	5°24	24° 6	24°20	25°38	n.a.	F 26
S 27	3 47 23	27° 0'10	16°33	0♐34	28° 4	16°47	20°53	21° 4	25° 3	22°40	5°26	23°51	24°17	25°45	n.a.	S 27
S 28	3 51 20	28° 1'26	28°29	2°12	29°18	17°33	20°46	21°10	25° 6	22°42	5°28	23°39	24°14	25°52	n.a.	S 28
M29	3 55 16	29° 2'42	10♋29	3°50	0♏33	18°18	20°39	21°15	25°10	22°43	5°30	23°30	24°11	25°59	n.a.	M29
T 30	3 59 13	0♐ 3'58	22♋36	5♐29	1♏48	19♑ 4	20♊32	21♑21	25♏13	22♑45	5♐32	23♒24	24♒ 7	26♉ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s49	27n57	4n 9	7s 5	0n44	3n22	1n51	25s20	1s33	23n44	0n 7	23s34	1s10	18s53	0n 4	22s27	0s31	19s50	1n35	12s51	13s10	23n44		n.a.
T 2	12 10	26 32	3 27	7 47	0 37	2 52	1 51	25 20	1 33	23 44	0 7	23 33	1 10	18 54	0 4	22 27	0 31	19 51	1 35	12 52	13 11	23 46		n.a.
W 3	12 32	23 51	2 35	8 28	0 30	2 23	1 51	25 21	1 33	23 44	0 7	23 33	1 10	18 55	0 4	22 27	0 31	19 51	1 35	12 53	13 12	23 47		n.a.
T 4	12 53	19 58	1 35	9 9	0 23	1 53	1 51	25 21	1 32	23 44	0 7	23 32	1 10	18 55	0 4	22 27	0 31	19 51	1 34	12 53	13 13	23 49		n.a.
F 5	13 14	15 3	0 28	9 50	0 17	1 23	1 52	25 20	1 32	23 44	0 7	23 32	1 10	18 56	0 4	22 27	0 31	19 52	1 34	12 53	13 14	23 51		n.a.
S 6	13 35	9 17	0s43	10 31	0 10	0 53	1 52	25 20	1 31	23 44	0 7	23 31	1 10	18 57	0 4	22 27	0 31	19 52	1 34	12 53	13 15	23 53		n.a.
S 7	13 55	2 53	1 54	11 11	0 3	0 23	1 51	25 19	1 31	23 44	0 8	23 31	1 10	18 58	0 4	22 26	0 31	19 53	1 34	12 53	13 16	23 55		n.a.
M 8	14 16	3s52	3 0	11 51	0s 3	0s 7	1 51	25 18	1 30	23 44	0 8	23 30	1 10	18 59	0 4	22 26	0 31	19 53	1 34	12 55	13 17	23 56		n.a.
T 9	14 36	10 37	3 56	12 30	0 10	0 37	1 51	25 16	1 30	23 44	0 8	23 29	1 10	19 0	0 4	22 26	0 31	19 54	1 34	12 57	13 19	23 58		n.a.
W10	14 56	16 55	4 36	13 9	0 17	1 7	1 51	25 15	1 29	23 44	0 8	23 29	1 10	19 1	0 4	22 26	0 31	19 54	1 34	13 1	13 20	24 0		n.a.
T 11	15 15	22 14	4 58	13 47	0 23	1 37	1 50	25 13	1 29	23 44	0 8	23 28	1 10	19 2	0 4	22 26	0 31	19 55	1 34	13 5	13 21	24 2		n.a.
F 12	15 34	26 1	4 58	14 25	0 29	2 7	1 50	25 11	1 28	23 43	0 8	23 27	1 10	19 3	0 4	22 26	0 31	19 55	1 34	13 8	13 22	24 3		n.a.
S 13	15 53	27 54	4 37	15 2	0 36	2 37	1 49	25 8	1 28	23 43	0 9	23 27	1 9	19 3	0 4	22 25	0 31	19 56	1 33	13 12	13 23	24 5		n.a.
S 14	16 12	27 45	3 58	15 38	0 42	3 7	1 48	25 5	1 27	23 43	0 9	23 26	1 9	19 4	0 4	22 25	0 31	19 56	1 33	13 15	13 24	24 7		n.a.
M15	16 31	25 42	3 5	16 14	0 48	3 37	1 48	25 2	1 27	23 43	0 9	23 25	1 9	19 5	0 4	22 25	0 31	19 57	1 33	13 16	13 25	24 9		n.a.
T 16	16 49	22 9	2 3	16 49	0 54	4 7	1 47	24 59	1 26	23 43	0 9	23 25	1 9	19 6	0 4	22 25	0 31	19 57	1 33	13 17	13 26	24 10		n.a.
W17	17 7	17 32	0 55	17 24	1 0	4 37	1 46	24 55	1 26	23 43	0 9	23 24	1 9	19 7	0 4	22 25	0 31	19 57	1 33	13 17	13 27	24 12		n.a.
T 18	17 24	12 14	0n13	17 57	1 5	5 7	1 45	24 51	1 25	23 43	0 9	23 23	1 9	19 8	0 4	22 24	0 31	19 58	1 33	13 17	13 28	24 14		n.a.
F 19	17 42	6 34	1 19	18 30	1 11	5 37	1 44	24 47	1 25	23 42	0 10	23 23	1 9	19 9	0 4	22 24	0 31	19 58	1 33	13 17	13 29	24 15		n.a.
S 20	17 58	0 47	2 20	19 2	1 16	6 7	1 43	24 43	1 24	23 42	0 10	23 22	1 9	19 10	0 3	22 24	0 31	19 59	1 33	13 18	13 30	24 17		n.a.
S 21	18 15	4n57	3 13	19 33	1 21	6 36	1 42	24 38	1 24	23 42	0 10	23 21	1 9	19 11	0 3	22 24	0 31	19 59	1 33	13 20	13 31	24 19		n.a.
M22	18 31	10 25	3 57	20 3	1 26	7 5	1 40	24 33	1 23	23 42	0 10	23 20	1 9	19 12	0 3	22 24	0 31	20 0	1 32	13 23	13 33	24 21		n.a.
T 23	18 47	15 28	4 30	20 33	1 30	7 35	1 39	24 28	1 23	23 42	0 10	23 19	1 9	19 12	0 3	22 23	0 31	20 0	1 32	13 27	13 34	24 22		n.a.
W24	19 3	19 55	4 50	21 1	1 35	8 4	1 38	24 22	1 22	23 41	0 10	23 19	1 9	19 13	0 3	22 23	0 31	20 1	1 32	13 31	13 35	24 24		n.a.
T 25	19 18	23 34	4 59	21 28	1 39	8 33	1 36	24 16	1 22	23 41	0 11	23 18	1 9	19 14	0 4	22 23	0 31	20 1	1 32	13 37	13 36	24 26		n.a.
F 26	19 33	26 13	4 54	21 54	1 43	9 2	1 35	24 10	1 21	23 41	0 11	23 17	1 9	19 15	0 3	22 23	0 31	20 2	1 32	13 42	13 37	24 27		n.a.
S 27	19 47	27 42	4 36	22 19	1 47	9 30	1 33	24 4	1 20	23 40	0 11	23 16	1 9	19 16	0 3	22 22	0 31	20 2	1 32	13 47	13 38	24 29		n.a.
S 28	20 2	27 54	4 6	22 43	1 50	9 58	1 31	23 58	1 20	23 40	0 11	23 15	1 9	19 17	0 3	22 22	0 31	20 3	1 32	13 51	13 39	24 31		n.a.
M29	20 15	26 48	3 25	23 6	1 53	10 27	1 30	23 51	1 19	23 40	0 11	23 14	1 9	19 18	0 3	22 22	0 31	20 3	1 32	13 54	13 40	24 32		n.a.
T 30	20s29	24n25	2n34	23s27	1s56	10s54	1n28	23s44	1s19	23n39	0n11	23s13	1s 9	19s19	0n 3	22s22	0s31	20s 4	1n32	13s56	13s41	24n34		n.a.

Julian Day Number = 1373644.5, Delta T = 06h48m30s
Ecliptic obliquity = 23°48'40, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°13'17, Lahiri = -17°06'16 Julian Calendar 1 Nov. 953 BCE == Greg. Calendar 23 Oct. 953 BCE

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ASTRODIENST EPHEMERIS for the year 953 BCE
geocentric

DECEMBER 953 BCE (-952) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 3 9	1♐ 5'14	4♌53	7♐ 8	3♏ 2	19♉50	20°R24	21♉26	25♏17	22♉46	5♐34	23°R20	24♒ 4	26♉12	n.a.	W 1
T 2	4 7 6	2° 6'30	17°24	8°47	4°17	20°36	20♊17	21°32	25°21	22°48	5°37	23♒19	24° 1	26°19	n.a.	T 2
F 3	4 11 2	3° 7'46	0♍13	10°27	5°32	21°22	20°10	21°38	25°24	22°49	5°39	23°19	23°58	26°25	n.a.	F 3
S 4	4 14 59	4° 9'02	13°25	12° 6	6°47	22° 8	20° 2	21°43	25°28	22°51	5°41	23°19	23°55	26°32	n.a.	S 4
S 5	4 18 56	5°10'17	27° 4	13°47	8° 1	22°53	19°55	21°49	25°31	22°53	5°43	23°17	23°52	26°39	n.a.	S 5
M 6	4 22 52	6°11'32	11♎11	15°27	9°16	23°39	19°47	21°55	25°35	22°54	5°45	23°13	23°48	26°46	n.a.	M 6
T 7	4 26 49	7°12'47	25°46	17° 7	10°31	24°25	19°40	22° 1	25°39	22°56	5°47	23° 7	23°45	26°52	n.a.	T 7
W 8	4 30 45	8°14'02	10♏45	18°48	11°46	25°11	19°32	22° 7	25°42	22°58	5°49	22°57	23°42	26°59	n.a.	W 8
T 9	4 34 42	9°15'16	26° 0	20°28	13° 1	25°57	19°24	22°13	25°46	22°59	5°51	22°47	23°39	27° 6	n.a.	T 9
F 10	4 38 38	10°16'30	11♐20	22° 8	14°15	26°42	19°16	22°19	25°49	23° 1	5°53	22°35	23°36	27°13	n.a.	F 10
S 11	4 42 35	11°17'43	26°34	23°48	15°30	27°28	19° 8	22°25	25°53	23° 3	5°55	22°25	23°33	27°19	n.a.	S 11
S 12	4 46 32	12°18'55	11♑31	25°28	16°45	28°14	19° 0	22°32	25°56	23° 5	5°57	22°17	23°29	27°26	n.a.	S 12
M13	4 50 28	13°20'07	26° 3	27° 7	18° 0	28°59	18°52	22°38	26° 0	23° 7	5°59	22°12	23°26	27°33	n.a.	M13
T 14	4 54 25	14°21'17	10♒ 6	28°45	19°15	29°45	18°44	22°44	26° 3	23° 9	6° 1	22° 9	23°23	27°39	n.a.	T 14
W15	4 58 21	15°22'26	23°39	0♑22	20°29	0♒30	18°36	22°51	26° 7	23°10	6° 3	22°D 9	23°20	27°46	n.a.	W15
T 16	5 2 18	16°23'34	6♓45	1°58	21°44	1°16	18°28	22°57	26°10	23°12	6° 5	22° 9	23°17	27°53	n.a.	T 16
F 17	5 6 14	17°24'40	19°27	3°31	22°59	2° 2	18°20	23° 3	26°14	23°14	6° 8	22°R 9	23°13	28° 0	n.a.	F 17
S 18	5 10 11	18°25'45	1♈50	5° 3	24°14	2°47	18°12	23°10	26°17	23°16	6°10	22° 8	23°10	28° 6	n.a.	S 18
S 19	5 14 7	19°26'49	13°58	6°32	25°29	3°33	18° 4	23°16	26°20	23°18	6°12	22° 5	23° 7	28°13	n.a.	S 19
M20	5 18 4	20°27'52	25°57	7°58	26°43	4°18	17°56	23°23	26°24	23°20	6°14	22° 0	23° 4	28°20	n.a.	M20
T 21	5 22 1	21°28'54	7♉51	9°20	27°58	5° 3	17°48	23°30	26°27	23°22	6°16	21°51	23° 1	28°27	n.a.	T 21
W22	5 25 57	22°29'54	19°43	10°37	29°13	5°49	17°40	23°36	26°31	23°24	6°18	21°41	22°58	28°33	n.a.	W22
T 23	5 29 54	23°30'53	1♊35	11°50	0♐28	6°34	17°32	23°43	26°34	23°26	6°20	21°29	22°54	28°40	n.a.	T 23
F 24	5 33 50	24°31'51	13°29	12°56	1°42	7°19	17°24	23°50	26°37	23°28	6°22	21°18	22°51	28°47	n.a.	F 24
S 25	5 37 47	25°32'47	25°27	13°56	2°57	8° 5	17°16	23°57	26°41	23°30	6°24	21° 6	22°48	28°53	n.a.	S 25
S 26	5 41 43	26°33'43	7♋31	14°48	4°12	8°50	17° 9	24° 4	26°44	23°32	6°26	20°57	22°45	29° 0	n.a.	S 26
M27	5 45 40	27°34'37	19°41	15°32	5°27	9°35	17° 1	24°10	26°47	23°34	6°28	20°50	22°42	29° 7	n.a.	M27
T 28	5 49 36	28°35'29	1♌58	16° 6	6°41	10°20	16°53	24°17	26°50	23°36	6°30	20°46	22°39	29°14	n.a.	T 28
W29	5 53 33	29°36'21	14°26	16°31	7°56	11° 6	16°45	24°24	26°53	23°39	6°31	20°44	22°35	29°20	n.a.	W29
T 30	5 57 30	0♑37'11	27° 5	16°46	9°11	11°51	16°38	24°31	26°57	23°41	6°33	20°D44	22°32	29°27	n.a.	T 30
F 31	6 1 26	1♑38'01	9♍59	16°R50	10♐26	12♒36	16♊30	24♑38	27♏ 0	23♑43	6♐35	20♒45	22♒29	29♉34	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	20s42	20n53	1n36	23s47	1s58	11s22	1n26	23s36	1s18	23n39	0n12	23s13	1s 9	19s20	0n 3	22s21	0s31	20s 4	1n32	13s57	13s42	24n35			n.a.
T 2	20 54	16 21	0 31	24 5	2 0	11 49	1 24	23 29	1 18	23 39	0 12	23 12	1 9	19 20	0 3	22 21	0 31	20 4	1 31	13 57	13 43	24 37			n.a.
F 3	21 6	11 0	0s36	24 22	2 2	12 17	1 22	23 21	1 17	23 38	0 12	23 11	1 9	19 21	0 3	22 21	0 31	20 5	1 31	13 57	13 44	24 39			n.a.
S 4	21 18	5 1	1 44	24 38	2 3	12 43	1 20	23 13	1 16	23 38	0 12	23 10	1 9	19 22	0 3	22 21	0 31	20 5	1 31	13 57	13 45	24 40			n.a.
S 5	21 30	1s23	2 48	24 52	2 4	13 10	1 18	23 5	1 16	23 37	0 12	23 9	1 9	19 23	0 3	22 20	0 31	20 6	1 31	13 58	13 46	24 42			n.a.
M 6	21 41	7 55	3 44	25 4	2 5	13 36	1 16	22 56	1 15	23 37	0 12	23 8	1 9	19 24	0 3	22 20	0 31	20 6	1 31	13 59	13 48	24 43			n.a.
T 7	21 51	14 15	4 28	25 14	2 5	14 2	1 14	22 47	1 15	23 37	0 13	23 7	1 9	19 25	0 3	22 20	0 31	20 7	1 31	14 1	13 49	24 45			n.a.
W 8	22 1	19 55	4 54	25 23	2 4	14 27	1 12	22 38	1 14	23 36	0 13	23 6	1 9	19 26	0 3	22 19	0 31	20 7	1 31	14 5	13 50	24 47			n.a.
T 9	22 11	24 25	5 1	25 30	2 3	14 52	1 10	22 29	1 13	23 36	0 13	23 5	1 9	19 27	0 3	22 19	0 31	20 8	1 31	14 8	13 51	24 48			n.a.
F 10	22 20	27 12	4 45	25 35	2 1	15 17	1 8	22 20	1 13	23 35	0 13	23 4	1 9	19 27	0 3	22 19	0 31	20 8	1 31	14 12	13 52	24 50			n.a.
S 11	22 29	27 56	4 10	25 38	1 59	15 42	1 6	22 10	1 12	23 35	0 13	23 3	1 9	19 28	0 3	22 18	0 31	20 9	1 31	14 15	13 53	24 51			n.a.
S 12	22 37	26 35	3 18	25 40	1 56	16 5	1 3	22 0	1 11	23 34	0 13	23 2	1 9	19 29	0 3	22 18	0 31	20 9	1 30	14 18	13 54	24 53			n.a.
M13	22 45	23 27	2 14	25 39	1 52	16 29	1 1	21 50	1 11	23 34	0 14	23 1	1 9	19 30	0 3	22 18	0 31	20 9	1 30	14 20	13 55	24 54			n.a.
T 14	22 53	19 0	1 4	25 36	1 48	16 52	0 59	21 40	1 10	23 33	0 14	23 0	1 9	19 31	0 3	22 18	0 31	20 10	1 30	14 20	13 56	24 56			n.a.
W15	23 0	13 43	0n 8	25 31	1 43	17 15	0 56	21 29	1 9	23 33	0 14	22 59	1 9	19 32	0 3	22 17	0 31	20 10	1 30	14 21	13 57	24 57			n.a.
T 16	23 6	7 59	1 17	25 24	1 37	17 37	0 54	21 18	1 9	23 32	0 14	22 57	1 9	19 33	0 3	22 17	0 31	20 11	1 30	14 20	13 58	24 59			n.a.
F 17	23 12	2 6	2 20	25 16	1 30	17 59	0 51	21 7	1 8	23 32	0 14	22 56	1 9	19 33	0 3	22 17	0 31	20 11	1 30	14 20	13 59	25 0			n.a.
S 18	23 18	3n42	3 15	25 5	1 22	18 20	0 49	20 56	1 8	23 31	0 14	22 55	1 9	19 34	0 3	22 16	0 31	20 12	1 30	14 21	14 0	25 2			n.a.
S 19	23 23	9 16	3 59	24 52	1 14	18 41	0 46	20 45	1 7	23 30	0 14	22 54	1 9	19 35	0 3	22 16	0 31	20 12	1 30	14 22	14 1	25 3			n.a.
M20	23 28	14 24	4 33	24 38	1 4	19 1	0 44	20 33	1 6	23 30	0 15	22 53	1 9	19 36	0 3	22 16	0 31	20 13	1 30	14 24	14 2	25 5			n.a.
T 21	23 32	18 58	4 55	24 22	0 54	19 21	0 41	20 21	1 6	23 29	0 15	22 52	1 9	19 37	0 3	22 15	0 31	20 13	1 30	14 26	14 3	25 6			n.a.
W22	23 36	22 47	5 3	24 5	0 42	19 40	0 39	20 9	1 5	23 29	0 15	22 51	1 9	19 37	0 3	22 15	0 31	20 13	1 30	14 30	14 4	25 8			n.a.
T 23	23 39	25 40	4 59	23 46	0 30	19 58	0 36	19 57	1 4	23 28	0 15	22 49	1 9	19 38	0 3	22 15	0 31	20 14	1 30	14 34	14 6	25 9			n.a.
F 24	23 42	27 25	4 41	23 26	0 16	20 16	0 34	19 45	1 4	23 27	0 15	22 48	1 9	19 39	0 3	22 14	0 31	20 14	1 29	14 37	14 7	25 11			n.a.
S 25	23 44	27 55	4 11	23 6	0 2	20 34	0 31	19 32	1 3	23 27	0 15	22 47	1 9	19 40	0 3	22 14	0 31	20 15	1 29	14 41	14 8	25 12			n.a.
S 26	23 46	27 5	3 30	22 45	0n13	20 51	0 28	19 20	1 2	23 26	0 16	22 46	1 9	19 41	0 3	22 13	0 31	20 15	1 29	14 44	14 9	25 14			n.a.
M27	23 47	24 57	2 39	22 24	0 29	21 7	0 26	19 7	1 2	23 25	0 16	22 45	1 9	19 41	0 3	22 13	0 31	20 15	1 29	14 46	14 10	25 15			n.a.
T 28	23 48	21 38	1 39	22 3	0 46	21 23	0 23	18 54	1 1	23 25	0 16	22 43	1 9	19 42	0 3	22 13	0 31	20 16	1 29	14 48	14 11	25 17			n.a.
W29	23 49	17 18	0 34	21 43	1 4	21 38	0 21	18 41	1 0	23 24	0 16	22 42	1 9	19 43	0 3	22 12	0 31	20 16	1 29	14 48	14 12	25 18			n.a.
T 30	23 49	12 8	0s34	21 24	1 21	21 52	0 18	18 27	1 0	23 24	0 16	22 41	1 9	19 44	0 3	22 12	0 31	20 17	1 29	14 48	14 13	25 20			n.a.
F 31	23s48	6n22	1s42	21s 5	1n39	22s 6	0n15	18s14	0s59	23n23	0n16	22s40	1s 9	19s44	0n 3	22s12	0s31	20s17	1n29	14s48	14s14	25n21			n.a.

Julian Day Number = 1373674.5, Delta T = 06h48m28s
Ecliptic obliquity = 23°48'39, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°13'13, Lahiri = -17°06'12 Julian Calendar 1 Dec. 953 BCE == Greg. Calendar 22 Nov. 953 BCE

The year -952 astronomical counting style corresponds to year 953 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 952 BCE
geocentric

JANUARY 952 BCE (-951) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 5 23	2♑38'49	23♍12	16°R43	11♐40	13♒21	16°R23	24♑45	27♏ 3	23♑45	6♐37	20♒46	22♒26	29♉41	n.a.	S 1
S 2	6 9 19	3°39'35	6♎44	16♑25	12°55	14° 6	16♊15	24°52	27° 6	23°47	6°39	20°R46	22°23	29°47	n.a.	S 2
M 3	6 13 16	4°40'21	20°40	15°56	14°10	14°51	16° 8	25° 0	27° 9	23°49	6°41	20°45	22°19	29°54	n.a.	M 3
T 4	6 17 12	5°41'06	4♏57	15°18	15°25	15°36	16° 1	25° 7	27°12	23°51	6°43	20°42	22°16	0♊ 1	n.a.	T 4
W 5	6 21 9	6°41'49	19°36	14°30	16°39	16°21	15°54	25°14	27°15	23°54	6°45	20°37	22°13	0° 7	n.a.	W 5
T 6	6 25 6	7°42'31	4♐30	13°35	17°54	17° 6	15°47	25°21	27°18	23°56	6°47	20°31	22°10	0°14	n.a.	T 6
F 7	6 29 2	8°43'12	19°32	12°33	19° 9	17°50	15°40	25°28	27°21	23°58	6°48	20°24	22° 7	0°21	n.a.	F 7
S 8	6 32 59	9°43'51	4♑33	11°28	20°24	18°35	15°33	25°35	27°24	24° 0	6°50	20°18	22° 4	0°28	n.a.	S 8
S 9	6 36 55	10°44'28	19°23	10°19	21°38	19°20	15°26	25°43	27°27	24° 2	6°52	20°13	22° 0	0°34	n.a.	S 9
M10	6 40 52	11°45'04	3♒55	9°10	22°53	20° 5	15°20	25°50	27°30	24° 5	6°54	20°10	21°57	0°41	n.a.	M10
T 11	6 44 48	12°45'38	18° 2	8° 2	24° 8	20°49	15°13	25°57	27°32	24° 7	6°56	20°D 9	21°54	0°48	n.a.	T 11
W12	6 48 45	13°46'09	1♓42	6°57	25°22	21°34	15° 7	26° 5	27°35	24° 9	6°57	20° 9	21°51	0°54	n.a.	W12
T 13	6 52 41	14°46'39	14°56	5°55	26°37	22°19	15° 1	26°12	27°38	24°11	6°59	20°10	21°48	1° 1	n.a.	T 13
F 14	6 56 38	15°47'07	27°45	4°59	27°52	23° 3	14°55	26°19	27°41	24°14	7° 1	20°12	21°45	1° 8	n.a.	F 14
S 15	7 0 35	16°47'33	10♈13	4° 9	29° 6	23°48	14°49	26°27	27°43	24°16	7° 2	20°13	21°41	1°15	n.a.	S 15
S 16	7 4 31	17°47'56	22°25	3°26	0♑21	24°32	14°43	26°34	27°46	24°18	7° 4	20°R13	21°38	1°21	n.a.	S 16
M17	7 8 28	18°48'18	4♉26	2°50	1°36	25°17	14°37	26°41	27°49	24°20	7° 6	20°12	21°35	1°28	n.a.	M17
T 18	7 12 24	19°48'37	16°19	2°22	2°50	26° 1	14°32	26°49	27°51	24°23	7° 7	20° 9	21°32	1°35	n.a.	T 18
W19	7 16 21	20°48'54	28°11	2° 0	4° 5	26°45	14°27	26°56	27°54	24°25	7° 9	20° 5	21°29	1°42	n.a.	W19
T 20	7 20 17	21°49'09	10♊ 3	1°46	5°19	27°30	14°22	27° 4	27°56	24°27	7°11	20° 1	21°25	1°48	n.a.	T 20
F 21	7 24 14	22°49'23	22° 1	1°40	6°34	28°14	14°17	27°11	27°59	24°30	7°12	19°56	21°22	1°55	n.a.	F 21
S 22	7 28 10	23°49'34	4♋ 5	1°D39	7°48	28°58	14°12	27°18	28° 1	24°32	7°14	19°51	21°19	2° 2	n.a.	S 22
S 23	7 32 7	24°49'43	16°18	1°46	9° 3	29°42	14° 7	27°26	28° 4	24°34	7°15	19°47	21°16	2° 8	n.a.	S 23
M24	7 36 4	25°49'50	28°41	1°58	10°18	0♓27	14° 3	27°33	28° 6	24°36	7°17	19°44	21°13	2°15	n.a.	M24
T 25	7 40 0	26°49'55	11♌15	2°16	11°32	1°11	13°59	27°41	28° 8	24°39	7°18	19°43	21°10	2°22	n.a.	T 25
W26	7 43 57	27°49'57	24° 1	2°40	12°47	1°55	13°54	27°48	28°10	24°41	7°20	19°D43	21° 6	2°29	n.a.	W26
T 27	7 47 53	28°49'58	6♍59	3° 8	14° 1	2°39	13°51	27°55	28°13	24°43	7°21	19°43	21° 3	2°35	n.a.	T 27
F 28	7 51 50	29°49'58	20°10	3°41	15°16	3°23	13°47	28° 3	28°15	24°46	7°23	19°45	21° 0	2°42	n.a.	F 28
S 29	7 55 46	0♒49'55	3♎36	4°19	16°30	4° 7	13°43	28°10	28°17	24°48	7°24	19°46	20°57	2°49	n.a.	S 29
S 30	7 59 43	1°49'50	17°15	5° 0	17°45	4°51	13°40	28°18	28°19	24°50	7°25	19°47	20°54	2°55	n.a.	S 30
M31	8 3 39	2♒49'44	1♏ 9	5♑46	18♑59	5♓34	13♊37	28♑25	28♏21	24♑52	7♐27	19°R48	20♒51	3♊ 2	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s47	0n13	2s46	20s49	1n57	22s19	0n13	18s 0	0s58	23n22	0n16	22s38	1s 9	19s45	0n 3	22s11	0s31	20s18	1n29	14s48	14s15	25n22		n.a.
S 2	23 46	6s 6	3 42	20 33	2 15	22 32	0 10	17 46	0 58	23 22	0 16	22 37	1 9	19 46	0 3	22 11	0 31	20 18	1 29	14 48	14 16	25 24		n.a.
M 3	23 44	12 18	4 27	20 20	2 32	22 44	0 8	17 32	0 57	23 21	0 17	22 36	1 9	19 47	0 3	22 11	0 31	20 18	1 29	14 48	14 17	25 25		n.a.
T 4	23 41	18 1	4 57	20 9	2 48	22 55	0 5	17 18	0 56	23 20	0 17	22 35	1 9	19 47	0 3	22 10	0 31	20 19	1 29	14 49	14 18	25 27		n.a.
W 5	23 38	22 50	5 8	19 59	3 2	23 5	0 2	17 4	0 55	23 20	0 17	22 33	1 9	19 48	0 3	22 10	0 31	20 19	1 29	14 51	14 19	25 28		n.a.
T 6	23 35	26 16	4 59	19 52	3 15	23 15	0s 0	16 49	0 55	23 19	0 17	22 32	1 9	19 49	0 3	22 9	0 31	20 19	1 28	14 53	14 20	25 29		n.a.
F 7	23 31	27 52	4 30	19 47	3 27	23 24	0 3	16 35	0 54	23 19	0 17	22 31	1 9	19 49	0 3	22 9	0 31	20 20	1 28	14 55	14 21	25 31		n.a.
S 8	23 27	27 25	3 42	19 44	3 36	23 33	0 5	16 20	0 53	23 18	0 17	22 29	1 9	19 50	0 3	22 9	0 31	20 20	1 28	14 57	14 22	25 32		n.a.
S 9	23 22	25 0	2 39	19 42	3 43	23 40	0 8	16 5	0 53	23 17	0 17	22 28	1 9	19 51	0 3	22 8	0 31	20 21	1 28	14 58	14 23	25 33		n.a.
M10	23 17	20 59	1 27	19 43	3 47	23 47	0 10	15 50	0 52	23 17	0 17	22 27	1 10	19 51	0 3	22 8	0 31	20 21	1 28	14 59	14 24	25 35		n.a.
T 11	23 11	15 51	0 11	19 45	3 49	23 54	0 13	15 35	0 51	23 16	0 18	22 25	1 10	19 52	0 3	22 7	0 31	20 21	1 28	15 0	14 25	25 36		n.a.
W12	23 5	10 4	1n 3	19 48	3 49	23 59	0 15	15 20	0 51	23 15	0 18	22 24	1 10	19 53	0 3	22 7	0 31	20 22	1 28	15 0	14 26	25 37		n.a.
T 13	22 59	4 1	2 11	19 53	3 47	24 4	0 18	15 5	0 50	23 15	0 18	22 23	1 10	19 53	0 3	22 7	0 31	20 22	1 28	14 59	14 28	25 39		n.a.
F 14	22 52	2n 0	3 11	20 0	3 43	24 8	0 20	14 49	0 49	23 14	0 18	22 21	1 10	19 54	0 3	22 6	0 31	20 22	1 28	14 59	14 29	25 40		n.a.
S 15	22 44	7 46	3 59	20 7	3 37	24 11	0 23	14 33	0 49	23 14	0 18	22 20	1 10	19 55	0 3	22 6	0 31	20 23	1 28	14 58	14 30	25 41		n.a.
S 16	22 36	13 7	4 36	20 16	3 30	24 14	0 25	14 18	0 48	23 13	0 18	22 19	1 10	19 55	0 3	22 5	0 31	20 23	1 28	14 58	14 31	25 43		n.a.
M17	22 28	17 54	5 1	20 25	3 21	24 15	0 27	14 2	0 47	23 13	0 18	22 17	1 10	19 56	0 3	22 5	0 31	20 23	1 28	14 59	14 32	25 44		n.a.
T 18	22 19	21 56	5 12	20 36	3 12	24 16	0 30	13 46	0 46	23 12	0 18	22 16	1 10	19 56	0 3	22 5	0 31	20 24	1 28	14 59	14 33	25 45		n.a.
W19	22 10	25 5	5 9	20 46	3 1	24 17	0 32	13 30	0 46	23 12	0 18	22 14	1 10	19 57	0 3	22 4	0 31	20 24	1 28	15 1	14 34	25 46		n.a.
T 20	22 1	27 8	4 53	20 58	2 50	24 16	0 34	13 14	0 45	23 11	0 19	22 13	1 10	19 58	0 3	22 4	0 31	20 24	1 28	15 2	14 35	25 48		n.a.
F 21	21 51	27 58	4 25	21 10	2 38	24 15	0 36	12 58	0 44	23 11	0 19	22 12	1 10	19 58	0 3	22 4	0 31	20 25	1 27	15 4	14 36	25 49		n.a.
S 22	21 40	27 29	3 44	21 22	2 26	24 13	0 39	12 42	0 44	23 10	0 19	22 10	1 10	19 59	0 3	22 3	0 31	20 25	1 27	15 5	14 37	25 50		n.a.
S 23	21 30	25 40	2 53	21 34	2 14	24 11	0 41	12 25	0 43	23 10	0 19	22 9	1 10	19 59	0 3	22 3	0 31	20 25	1 27	15 7	14 38	25 51		n.a.
M24	21 18	22 35	1 53	21 46	2 2	24 7	0 43	12 9	0 42	23 9	0 19	22 7	1 10	20 0	0 3	22 2	0 31	20 26	1 27	15 7	14 39	25 53		n.a.
T 25	21 7	18 25	0 46	21 58	1 49	24 3	0 45	11 52	0 42	23 9	0 19	22 6	1 10	20 0	0 3	22 2	0 31	20 26	1 27	15 8	14 40	25 54		n.a.
W26	20 55	13 21	0s24	22 10	1 37	23 58	0 47	11 36	0 41	23 8	0 19	22 4	1 10	20 1	0 3	22 2	0 31	20 26	1 27	15 8	14 41	25 55		n.a.
T 27	20 43	7 38	1 34	22 22	1 24	23 52	0 49	11 19	0 40	23 8	0 19	22 3	1 10	20 1	0 3	22 1	0 31	20 27	1 27	15 8	14 42	25 56		n.a.
F 28	20 30	1 30	2 40	22 33	1 12	23 46	0 51	11 2	0 40	23 8	0 19	22 1	1 11	20 2	0 3	22 1	0 31	20 27	1 27	15 7	14 43	25 58		n.a.
S 29	20 17	4s47	3 39	22 44	1 0	23 39	0 53	10 45	0 39	23 7	0 19	22 0	1 11	20 2	0 3	22 0	0 31	20 27	1 27	15 7	14 44	25 59		n.a.
S 30	20 4	10 58	4 26	22 54	0 49	23 31	0 55	10 28	0 38	23 7	0 20	21 59	1 11	20 3	0 3	22 0	0 31	20 28	1 27	15 6	14 45	26 0		n.a.
M31	19s50	16s43	4s59	23s 4	0n37	23s23	0s57	10s11	0s37	23n 7	0n20	21s57	1s11	20s 3	0n 3	22s 0	0s31	20s28	1n27	15s 6	14s46	26n 1		n.a.

Julian Day Number = 1373705.5, Delta T = 06h48m27s
Ecliptic obliquity = 23°48'39, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°13'08, Lahiri = -17°06'08 Julian Calendar 1 Jan. 952 BCE == Greg. Calendar 23 Dec. 953 BCE

The year -951 astronomical counting style corresponds to year 952 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 952 BCE
geocentric

FEBRUARY 952 BCE (-951) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 7 36	3♒49'36	15♏17	6♑35	20♑14	6♓18	13°R34	28♑33	28♏23	24♑55	7♐28	19°R48	20♒47	3♊ 9	n.a.	T 1
W 2	8 11 33	4°49'26	29°38	7°27	21°28	7° 2	13♊31	28°40	28°25	24°57	7°29	19♒47	20°44	3°16	n.a.	W 2
T 3	8 15 29	5°49'15	14♐ 7	8°22	22°43	7°46	13°28	28°47	28°27	24°59	7°31	19°45	20°41	3°22	n.a.	T 3
F 4	8 19 26	6°49'01	28°42	9°20	23°57	8°29	13°26	28°55	28°29	25° 1	7°32	19°43	20°38	3°29	n.a.	F 4
S 5	8 23 22	7°48'46	13♑16	10°21	25°11	9°13	13°23	29° 2	28°31	25° 4	7°33	19°42	20°35	3°36	n.a.	S 5
S 6	8 27 19	8°48'29	27°43	11°24	26°26	9°56	13°21	29°10	28°32	25° 6	7°34	19°41	20°31	3°43	n.a.	S 6
M 7	8 31 15	9°48'09	11♒57	12°30	27°40	10°40	13°19	29°17	28°34	25° 8	7°35	19°40	20°28	3°49	n.a.	M 7
T 8	8 35 12	10°47'47	25°53	13°38	28°55	11°23	13°18	29°24	28°36	25°10	7°37	19°D40	20°25	3°56	n.a.	T 8
W 9	8 39 8	11°47'23	9♓29	14°48	0♒ 9	12° 7	13°16	29°32	28°37	25°12	7°38	19°40	20°22	4° 3	n.a.	W 9
T 10	8 43 5	12°46'57	22°43	16° 1	1°24	12°50	13°15	29°39	28°39	25°15	7°39	19°41	20°19	4° 9	n.a.	T 10
F 11	8 47 1	13°46'28	5♈35	17°15	2°38	13°34	13°14	29°46	28°41	25°17	7°40	19°42	20°16	4°16	n.a.	F 11
S 12	8 50 58	14°45'57	18° 7	18°31	3°52	14°17	13°13	29°53	28°42	25°19	7°41	19°42	20°12	4°23	n.a.	S 12
S 13	8 54 55	15°45'24	0♉23	19°49	5° 7	15° 0	13°12	0♒ 1	28°44	25°21	7°42	19°43	20° 9	4°30	n.a.	S 13
M14	8 58 51	16°44'48	12°27	21° 8	6°21	15°43	13°12	0° 8	28°45	25°23	7°43	19°R43	20° 6	4°36	n.a.	M14
T 15	9 2 48	17°44'10	24°22	22°30	7°35	16°27	13°11	0°15	28°46	25°25	7°44	19°43	20° 3	4°43	n.a.	T 15
W16	9 6 44	18°43'29	6♊15	23°53	8°50	17°10	13°D11	0°22	28°48	25°28	7°45	19°43	20° 0	4°50	n.a.	W16
T 17	9 10 41	19°42'46	18° 8	25°17	10° 4	17°53	13°11	0°30	28°49	25°30	7°46	19°D43	19°57	4°56	n.a.	T 17
F 18	9 14 37	20°42'00	0♋ 8	26°43	11°18	18°36	13°12	0°37	28°50	25°32	7°47	19°43	19°53	5° 3	n.a.	F 18
S 19	9 18 34	21°41'12	12°16	28°11	12°32	19°19	13°12	0°44	28°51	25°34	7°48	19°43	19°50	5°10	n.a.	S 19
S 20	9 22 30	22°40'22	24°37	29°40	13°47	20° 2	13°13	0°51	28°52	25°36	7°48	19°43	19°47	5°17	n.a.	S 20
M21	9 26 27	23°39'29	7♌13	1♒11	15° 1	20°45	13°13	0°58	28°53	25°38	7°49	19°43	19°44	5°23	n.a.	M21
T 22	9 30 24	24°38'34	20° 4	2°43	16°15	21°27	13°14	1° 5	28°54	25°40	7°50	19°R44	19°41	5°30	n.a.	T 22
W23	9 34 20	25°37'37	3♍11	4°17	17°29	22°10	13°16	1°12	28°55	25°42	7°51	19°43	19°37	5°37	n.a.	W23
T 24	9 38 17	26°36'38	16°34	5°52	18°44	22°53	13°17	1°19	28°56	25°44	7°51	19°43	19°34	5°44	n.a.	T 24
F 25	9 42 13	27°35'36	0♎11	7°28	19°58	23°36	13°19	1°26	28°57	25°46	7°52	19°42	19°31	5°50	n.a.	F 25
S 26	9 46 10	28°34'33	14° 1	9° 6	21°12	24°18	13°20	1°33	28°58	25°48	7°53	19°41	19°28	5°57	n.a.	S 26
S 27	9 50 6	29°33'27	27°59	10°46	22°26	25° 1	13°22	1°40	28°59	25°50	7°53	19°40	19°25	6° 4	n.a.	S 27
M28	9 54 3	0♓32'20	12♏ 5	12♒27	23♒40	25♓43	13♊24	1♒47	28♏59	25♑52	7♐54	19♒39	19♒22	6♊10	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s36	21s40	5s15	23s13	0n26	23s13	0s58	9s54	0s37	23n 6	0n20	21s56	1s11	20s 4	0n 3	21s59	0s31	20s28	1n27	15s 6	14s47	26n 2		n.a.
W 2	19 21	25 26	5 11	23 21	0 15	23 3	1 0	9 37	0 36	23 6	0 20	21 54	1 11	20 4	0 3	21 59	0 31	20 28	1 27	15 7	14 48	26 3		n.a.
T 3	19 6	27 37	4 48	23 28	0 5	22 53	1 2	9 20	0 35	23 6	0 20	21 53	1 11	20 5	0 3	21 58	0 31	20 29	1 27	15 7	14 49	26 5		n.a.
F 4	18 51	27 54	4 6	23 34	0s 6	22 42	1 3	9 3	0 35	23 6	0 20	21 51	1 11	20 5	0 3	21 58	0 31	20 29	1 27	15 8	14 50	26 6		n.a.
S 5	18 36	26 15	3 8	23 40	0 16	22 30	1 5	8 46	0 34	23 6	0 20	21 50	1 11	20 5	0 3	21 58	0 31	20 29	1 27	15 8	14 51	26 7		n.a.
S 6	18 20	22 53	1 59	23 44	0 25	22 17	1 7	8 28	0 33	23 5	0 20	21 48	1 11	20 6	0 3	21 57	0 31	20 29	1 27	15 9	14 52	26 8		n.a.
M 7	18 4	18 9	0 43	23 47	0 34	22 4	1 8	8 11	0 33	23 5	0 20	21 47	1 11	20 6	0 3	21 57	0 31	20 30	1 26	15 9	14 53	26 9		n.a.
T 8	17 48	12 33	0n34	23 49	0 43	21 50	1 9	7 54	0 32	23 5	0 20	21 45	1 11	20 7	0 3	21 56	0 31	20 30	1 26	15 9	14 54	26 10		n.a.
W 9	17 31	6 29	1 48	23 50	0 52	21 35	1 11	7 36	0 31	23 5	0 20	21 44	1 12	20 7	0 3	21 56	0 31	20 30	1 26	15 9	14 55	26 11		n.a.
T 10	17 14	0 18	2 53	23 49	1 0	21 20	1 12	7 19	0 30	23 5	0 20	21 42	1 12	20 7	0 3	21 56	0 31	20 30	1 26	15 8	14 56	26 13		n.a.
F 11	16 57	5n43	3 48	23 48	1 7	21 4	1 13	7 1	0 30	23 5	0 21	21 41	1 12	20 8	0 3	21 55	0 31	20 31	1 26	15 8	14 57	26 14		n.a.
S 12	16 39	11 22	4 30	23 45	1 15	20 47	1 14	6 44	0 29	23 5	0 21	21 39	1 12	20 8	0 3	21 55	0 31	20 31	1 26	15 8	14 58	26 15		n.a.
S 13	16 22	16 26	4 59	23 40	1 22	20 30	1 16	6 26	0 28	23 5	0 21	21 38	1 12	20 8	0 3	21 54	0 31	20 31	1 26	15 8	14 59	26 16		n.a.
M14	16 4	20 47	5 14	23 34	1 28	20 13	1 17	6 8	0 28	23 5	0 21	21 36	1 12	20 9	0 3	21 54	0 31	20 31	1 26	15 8	15 0	26 17		n.a.
T 15	15 45	24 15	5 16	23 27	1 34	19 54	1 18	5 51	0 27	23 5	0 21	21 35	1 12	20 9	0 3	21 54	0 31	20 31	1 26	15 8	15 2	26 18		n.a.
W16	15 27	26 40	5 4	23 18	1 40	19 36	1 19	5 33	0 26	23 5	0 21	21 34	1 12	20 9	0 3	21 53	0 31	20 32	1 26	15 8	15 3	26 19		n.a.
T 17	15 8	27 54	4 39	23 8	1 45	19 16	1 20	5 15	0 26	23 5	0 21	21 32	1 12	20 10	0 3	21 53	0 31	20 32	1 26	15 8	15 4	26 20		n.a.
F 18	14 49	27 50	4 2	22 56	1 50	18 56	1 20	4 58	0 25	23 5	0 21	21 31	1 12	20 10	0 3	21 52	0 31	20 32	1 26	15 8	15 5	26 21		n.a.
S 19	14 30	26 26	3 13	22 43	1 55	18 36	1 21	4 40	0 24	23 5	0 21	21 29	1 13	20 10	0 3	21 52	0 31	20 32	1 26	15 8	15 6	26 22		n.a.
S 20	14 10	23 44	2 15	22 28	1 59	18 15	1 22	4 22	0 24	23 5	0 21	21 28	1 13	20 10	0 3	21 52	0 31	20 32	1 26	15 8	15 7	26 23		n.a.
M21	13 51	19 52	1 9	22 11	2 2	17 54	1 22	4 4	0 23	23 5	0 21	21 26	1 13	20 11	0 3	21 51	0 31	20 33	1 26	15 8	15 8	26 24		n.a.
T 22	13 31	14 59	0s 2	21 53	2 5	17 32	1 23	3 47	0 22	23 6	0 21	21 25	1 13	20 11	0 3	21 51	0 31	20 33	1 26	15 8	15 9	26 25		n.a.
W23	13 11	9 21	1 14	21 34	2 8	17 9	1 24	3 29	0 22	23 6	0 21	21 23	1 13	20 11	0 3	21 51	0 31	20 33	1 26	15 8	15 10	26 26		n.a.
T 24	12 50	3 11	2 23	21 12	2 10	16 46	1 24	3 11	0 21	23 6	0 21	21 22	1 13	20 11	0 3	21 50	0 31	20 33	1 26	15 8	15 11	26 27		n.a.
F 25	12 30	3s13	3 26	20 49	2 12	16 23	1 24	2 53	0 20	23 6	0 22	21 20	1 13	20 11	0 3	21 50	0 31	20 33	1 25	15 8	15 12	26 28		n.a.
S 26	12 9	9 33	4 17	20 24	2 13	15 59	1 25	2 36	0 20	23 7	0 22	21 19	1 13	20 12	0 3	21 50	0 31	20 33	1 25	15 8	15 13	26 29		n.a.
S 27	11 48	15 29	4 54	19 57	2 14	15 35	1 25	2 18	0 19	23 7	0 22	21 17	1 13	20 12	0 3	21 49	0 31	20 34	1 25	15 9	15 14	26 30		n.a.
M28	11s27	20s40	5s13	19s29	2s15	15s10	1s25	2s 0	0s18	23n 7	0n22	21s16	1s14	20s12	0n 3	21s49	0s31	20s34	1n25	15s 9	15s15	26n31		n.a.

Julian Day Number = 1373736.5, Delta T = 06h48m25s
Ecliptic obliquity = 23°48'39, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°13'04, Lahiri = -17°06'04 Julian Calendar 1 Feb. 952 BCE == Greg. Calendar 23 Jan. 952 BCE

The year -951 astronomical counting style corresponds to year 952 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 952 BCE
geocentric

MARCH 952 BCE (-951) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 57 59	1♓31'11	26♏16	14♒ 9	24♒55	26♓26	13♊27	1♒53	29♏ 0	25♑54	7♐54	19°D39	19♒18	6♊17	n.a.	T 1
W 2	10 1 56	2°30'00	10♐29	15°53	26° 9	27° 8	13°29	2° 0	29° 0	25°56	7°55	19♒39	19°15	6°24	n.a.	W 2
T 3	10 5 52	3°28'48	24°42	17°38	27°23	27°51	13°32	2° 7	29° 1	25°58	7°55	19°39	19°12	6°31	n.a.	T 3
F 4	10 9 49	4°27'33	8♑53	19°25	28°37	28°33	13°35	2°14	29° 1	26° 0	7°56	19°40	19° 9	6°37	n.a.	F 4
S 5	10 13 46	5°26'17	22°58	21°14	29°51	29°16	13°38	2°20	29° 2	26° 2	7°56	19°42	19° 6	6°44	n.a.	S 5
S 6	10 17 42	6°24'59	6♒56	23° 3	1♓ 5	29°58	13°41	2°27	29° 2	26° 4	7°57	19°42	19° 3	6°51	n.a.	S 6
M 7	10 21 39	7°23'39	20°44	24°55	2°19	0♈40	13°44	2°33	29° 3	26° 5	7°57	19°R43	18°59	6°57	n.a.	M 7
T 8	10 25 35	8°22'17	4♓18	26°48	3°34	1°22	13°48	2°40	29° 3	26° 7	7°58	19°42	18°56	7° 4	n.a.	T 8
W 9	10 29 32	9°20'52	17°38	28°42	4°48	2° 4	13°52	2°46	29° 3	26° 9	7°58	19°41	18°53	7°11	n.a.	W 9
T 10	10 33 28	10°19'26	0♈41	0♓38	6° 2	2°47	13°55	2°53	29° 3	26°11	7°58	19°38	18°50	7°18	n.a.	T 10
F 11	10 37 25	11°17'57	13°28	2°35	7°16	3°29	14° 0	2°59	29° 3	26°12	7°58	19°35	18°47	7°24	n.a.	F 11
S 12	10 41 21	12°16'26	25°58	4°34	8°30	4°11	14° 4	3° 6	29° 4	26°14	7°59	19°31	18°43	7°31	n.a.	S 12
S 13	10 45 18	13°14'53	8♉14	6°35	9°44	4°53	14° 8	3°12	29°R 4	26°16	7°59	19°28	18°40	7°38	n.a.	S 13
M14	10 49 15	14°13'18	20°18	8°36	10°58	5°35	14°13	3°18	29° 3	26°18	7°59	19°25	18°37	7°44	n.a.	M14
T 15	10 53 11	15°11'41	2♊14	10°39	12°12	6°17	14°17	3°24	29° 3	26°19	7°59	19°23	18°34	7°51	n.a.	T 15
W16	10 57 8	16°10'02	14° 7	12°44	13°26	6°58	14°22	3°31	29° 3	26°21	7°59	19°D22	18°31	7°58	n.a.	W16
T 17	11 1 4	17° 8'20	26° 1	14°49	14°40	7°40	14°27	3°37	29° 3	26°22	7°59	19°23	18°28	8° 5	n.a.	T 17
F 18	11 5 1	18° 6'36	8♋ 0	16°55	15°54	8°22	14°33	3°43	29° 3	26°24	7°59	19°24	18°24	8°11	n.a.	F 18
S 19	11 8 57	19° 4'50	20°10	19° 3	17° 8	9° 4	14°38	3°49	29° 3	26°26	7°R59	19°26	18°21	8°18	n.a.	S 19
S 20	11 12 54	20° 3'02	2♌34	21°10	18°22	9°45	14°44	3°55	29° 2	26°27	7°59	19°27	18°18	8°25	n.a.	S 20
M21	11 16 50	21° 1'11	15°17	23°19	19°36	10°27	14°49	4° 0	29° 2	26°29	7°59	19°R28	18°15	8°31	n.a.	M21
T 22	11 20 47	21°59'19	28°21	25°27	20°50	11° 8	14°55	4° 6	29° 1	26°30	7°59	19°28	18°12	8°38	n.a.	T 22
W23	11 24 43	22°57'25	11♍47	27°36	22° 4	11°50	15° 1	4°12	29° 1	26°32	7°59	19°26	18° 8	8°45	n.a.	W23
T 24	11 28 40	23°55'28	25°33	29°44	23°18	12°31	15° 7	4°18	29° 0	26°33	7°59	19°23	18° 5	8°52	n.a.	T 24
F 25	11 32 37	24°53'30	9♎37	1♈52	24°32	13°13	15°13	4°23	29° 0	26°34	7°59	19°18	18° 2	8°58	n.a.	F 25
S 26	11 36 33	25°51'30	23°55	3°59	25°45	13°54	15°20	4°29	28°59	26°36	7°59	19°13	17°59	9° 5	n.a.	S 26
S 27	11 40 30	26°49'29	8♏21	6° 4	26°59	14°36	15°26	4°34	28°59	26°37	7°58	19° 7	17°56	9°12	n.a.	S 27
M28	11 44 26	27°47'26	22°49	8° 9	28°13	15°17	15°33	4°40	28°58	26°38	7°58	19° 2	17°53	9°18	n.a.	M28
T 29	11 48 23	28°45'22	7♐14	10°11	29°27	15°58	15°40	4°45	28°57	26°40	7°58	18°59	17°49	9°25	n.a.	T 29
W30	11 52 19	29°43'16	21°32	12°11	0♈41	16°40	15°47	4°51	28°56	26°41	7°58	18°57	17°46	9°32	n.a.	W30
T 31	11 56 16	0♈41'09	5♑40	14♈ 9	1♈55	17♈21	15♊54	4♒56	28♏55	26♑42	7♐57	18°D57	17♒43	9♊39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s 6	24s42	5s14	18s59	2s14	14s45	1s25	1s42	0s18	23n 8	0n22	21s15	1s14	20s12	0n 3	21s48	0s31	20s34	1n25	15s 9	15s16	26n32			n.a.
W 2	10 45	27 14	4 56	18 27	2 14	14 20	1 25	1 25	0 17	23 8	0 22	21 13	1 14	20 12	0 3	21 48	0 31	20 34	1 25	15 9	15 17	26 33			n.a.
T 3	10 23	28 1	4 19	17 53	2 13	13 54	1 25	1 7	0 16	23 8	0 22	21 12	1 14	20 12	0 3	21 48	0 31	20 34	1 25	15 9	15 18	26 34			n.a.
F 4	10 1	26 57	3 27	17 18	2 11	13 28	1 25	0 49	0 16	23 9	0 22	21 10	1 14	20 12	0 3	21 47	0 31	20 34	1 25	15 9	15 19	26 35			n.a.
S 5	9 40	24 10	2 22	16 40	2 9	13 2	1 25	0 32	0 15	23 9	0 22	21 9	1 14	20 13	0 3	21 47	0 31	20 34	1 25	15 8	15 20	26 36			n.a.
S 6	9 18	19 57	1 10	16 1	2 6	12 35	1 25	0 14	0 14	23 10	0 22	21 7	1 14	20 13	0 3	21 47	0 31	20 35	1 25	15 8	15 21	26 37			n.a.
M 7	8 56	14 43	0n 6	15 20	2 3	12 7	1 25	0n 4	0 14	23 10	0 22	21 6	1 15	20 13	0 3	21 46	0 32	20 35	1 25	15 8	15 22	26 38			n.a.
T 8	8 33	8 51	1 20	14 38	1 59	11 40	1 25	0 21	0 13	23 11	0 22	21 5	1 15	20 13	0 3	21 46	0 32	20 35	1 25	15 8	15 23	26 39			n.a.
W 9	8 11	2 42	2 28	13 53	1 55	11 12	1 24	0 39	0 12	23 11	0 22	21 3	1 15	20 13	0 3	21 46	0 32	20 35	1 25	15 9	15 24	26 40			n.a.
T 10	7 49	3n26	3 27	13 7	1 50	10 44	1 24	0 57	0 12	23 12	0 22	21 2	1 15	20 13	0 3	21 46	0 32	20 35	1 25	15 9	15 25	26 41			n.a.
F 11	7 26	9 17	4 14	12 20	1 44	10 16	1 23	1 14	0 11	23 12	0 22	21 1	1 15	20 13	0 3	21 45	0 32	20 35	1 25	15 10	15 26	26 41			n.a.
S 12	7 4	14 38	4 48	11 30	1 38	9 47	1 23	1 32	0 10	23 13	0 22	20 59	1 15	20 13	0 3	21 45	0 32	20 35	1 25	15 12	15 27	26 42			n.a.
S 13	6 41	19 18	5 8	10 39	1 32	9 18	1 22	1 49	0 10	23 13	0 22	20 58	1 15	20 13	0 3	21 45	0 32	20 35	1 25	15 13	15 28	26 43			n.a.
M14	6 18	23 7	5 14	9 46	1 25	8 49	1 21	2 7	0 9	23 14	0 22	20 57	1 15	20 13	0 3	21 44	0 32	20 35	1 25	15 14	15 29	26 44			n.a.
T 15	5 55	25 55	5 6	8 52	1 17	8 20	1 21	2 24	0 8	23 15	0 23	20 55	1 16	20 13	0 3	21 44	0 32	20 35	1 25	15 14	15 30	26 45			n.a.
W16	5 32	27 34	4 45	7 57	1 9	7 50	1 20	2 41	0 8	23 15	0 23	20 54	1 16	20 13	0 3	21 44	0 32	20 35	1 24	15 14	15 31	26 46			n.a.
T 17	5 9	27 57	4 12	7 0	1 0	7 20	1 19	2 59	0 7	23 16	0 23	20 53	1 16	20 13	0 3	21 43	0 32	20 36	1 24	15 14	15 32	26 47			n.a.
F 18	4 46	27 1	3 28	6 2	0 51	6 51	1 18	3 16	0 6	23 17	0 23	20 51	1 16	20 13	0 3	21 43	0 32	20 36	1 24	15 14	15 33	26 47			n.a.
S 19	4 23	24 48	2 34	5 3	0 42	6 20	1 17	3 33	0 6	23 17	0 23	20 50	1 16	20 13	0 3	21 43	0 32	20 36	1 24	15 13	15 34	26 48			n.a.
S 20	4 0	21 22	1 31	4 3	0 32	5 50	1 16	3 51	0 5	23 18	0 23	20 49	1 16	20 13	0 3	21 43	0 32	20 36	1 24	15 13	15 35	26 49			n.a.
M21	3 37	16 52	0 23	3 2	0 22	5 20	1 15	4 8	0 5	23 19	0 23	20 47	1 17	20 13	0 3	21 42	0 32	20 36	1 24	15 13	15 36	26 50			n.a.
T 22	3 14	11 28	0s48	2 1	0 12	4 49	1 14	4 25	0 4	23 19	0 23	20 46	1 17	20 13	0 3	21 42	0 32	20 36	1 24	15 13	15 37	26 51			n.a.
W23	2 50	5 26	1 59	0 59	0 1	4 18	1 13	4 42	0 3	23 20	0 23	20 45	1 17	20 12	0 3	21 42	0 32	20 36	1 24	15 13	15 38	26 51			n.a.
T 24	2 27	1s 1	3 4	0n 3	0n10	3 48	1 12	4 59	0 3	23 21	0 23	20 44	1 17	20 12	0 3	21 42	0 32	20 36	1 24	15 14	15 39	26 52			n.a.
F 25	2 4	7 31	3 59	1 4	0 21	3 17	1 10	5 16	0 2	23 22	0 23	20 43	1 17	20 12	0 3	21 41	0 32	20 36	1 24	15 16	15 40	26 53			n.a.
S 26	1 40	13 45	4 41	2 5	0 31	2 46	1 9	5 33	0 1	23 22	0 23	20 41	1 17	20 12	0 3	21 41	0 32	20 36	1 24	15 18	15 41	26 54			n.a.
S 27	1 17	19 18	5 5	3 6	0 42	2 15	1 8	5 50	0 1	23 23	0 23	20 40	1 18	20 12	0 3	21 41	0 32	20 36	1 24	15 19	15 42	26 55			n.a.
M28	0 54	23 44	5 9	4 5	0 53	1 44	1 6	6 6	0 0	23 24	0 23	20 39	1 18	20 12	0 3	21 41	0 32	20 36	1 24	15 21	15 43	26 55			n.a.
T 29	0 30	26 42	4 55	5 4	1 3	1 12	1 5	6 23	0n 0	23 25	0 23	20 38	1 18	20 12	0 3	21 40	0 32	20 36	1 24	15 22	15 44	26 56			n.a.
W30	0 7	27 53	4 22	6 1	1 14	0 41	1 3	6 40	0 1	23 25	0 23	20 37	1 18	20 11	0 3	21 40	0 32	20 36	1 24	15 22	15 45	26 57			n.a.
T 31	0n17	27s14	3s33	6n57	1n23	0s10	1s 1	6n56	0n 2	23n26	0n23	20s36	1s18	20s11	0n 3	21s40	0s32	20s36	1n24	15s22	15s46	26n58			n.a.

Julian Day Number = 1373764.5, Delta T = 06h48m24s
Ecliptic obliquity = 23°48'39, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°13'00, Lahiri = -17°06'00 Julian Calendar 1 March 952 BCE == Greg. Calendar 20 Feb. 952 BCE

The year -951 astronomical counting style corresponds to year 952 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 952 BCE
geocentric

APRIL 952 BCE (-951) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 0 12	1♈39'00	19♉37	16♈ 5	3♈ 9	18♈ 2	16♊ 1	5♒ 1	28°R55	26♉44	7°R57	18♒58	17♒40	9♊45	n.a.	F 1
S 2	12 4 9	2°36'51	3♒22	17°58	4°22	18°43	16° 9	5° 6	28♏54	26°45	7♐57	18°59	17°37	9°52	n.a.	S 2
S 3	12 8 6	3°34'39	16°56	19°47	5°36	19°24	16°16	5°11	28°53	26°46	7°56	19°R 0	17°34	9°59	n.a.	S 3
M 4	12 12 2	4°32'27	0♓18	21°34	6°50	20° 5	16°24	5°16	28°52	26°47	7°56	18°59	17°30	10° 5	n.a.	M 4
T 5	12 15 59	5°30'13	13°28	23°18	8° 4	20°46	16°31	5°21	28°50	26°48	7°55	18°57	17°27	10°12	n.a.	T 5
W 6	12 19 55	6°27'57	26°27	24°58	9°18	21°27	16°39	5°26	28°49	26°49	7°55	18°52	17°24	10°19	n.a.	W 6
T 7	12 23 52	7°25'40	9♈13	26°35	10°32	22° 8	16°47	5°31	28°48	26°50	7°54	18°45	17°21	10°26	n.a.	T 7
F 8	12 27 48	8°23'22	21°47	28° 9	11°45	22°49	16°56	5°35	28°47	26°51	7°54	18°37	17°18	10°32	n.a.	F 8
S 9	12 31 45	9°21'02	4♉ 9	29°39	12°59	23°30	17° 4	5°40	28°46	26°52	7°53	18°28	17°14	10°39	n.a.	S 9
S 10	12 35 41	10°18'40	16°20	1♉ 5	14°13	24°11	17°12	5°45	28°44	26°53	7°52	18°18	17°11	10°46	n.a.	S 10
M11	12 39 38	11°16'17	28°21	2°28	15°27	24°51	17°21	5°49	28°43	26°54	7°52	18°10	17° 8	10°52	n.a.	M11
T 12	12 43 34	12°13'53	10♊16	3°48	16°40	25°32	17°29	5°53	28°42	26°55	7°51	18° 3	17° 5	10°59	n.a.	T 12
W13	12 47 31	13°11'27	22° 7	5° 3	17°54	26°13	17°38	5°58	28°40	26°56	7°50	17°59	17° 2	11° 6	n.a.	W13
T 14	12 51 28	14° 8'59	3♋59	6°15	19° 8	26°53	17°47	6° 2	28°39	26°57	7°50	17°57	16°59	11°13	n.a.	T 14
F 15	12 55 24	15° 6'30	15°56	7°23	20°22	27°34	17°56	6° 6	28°37	26°57	7°49	17°D56	16°55	11°19	n.a.	F 15
S 16	12 59 21	16° 3'59	28° 5	8°26	21°35	28°15	18° 5	6°10	28°36	26°58	7°48	17°56	16°52	11°26	n.a.	S 16
S 17	13 3 17	17° 1'27	10♌29	9°26	22°49	28°55	18°14	6°14	28°34	26°59	7°47	17°57	16°49	11°33	n.a.	S 17
M18	13 7 14	17°58'53	23°13	10°22	24° 3	29°36	18°23	6°18	28°32	27° 0	7°47	17°R57	16°46	11°39	n.a.	M18
T 19	13 11 10	18°56'18	6♍22	11°14	25°16	0♉16	18°33	6°22	28°31	27° 0	7°46	17°56	16°43	11°46	n.a.	T 19
W20	13 15 7	19°53'42	19°57	12° 2	26°30	0°56	18°42	6°26	28°29	27° 1	7°45	17°52	16°40	11°53	n.a.	W20
T 21	13 19 3	20°51'04	3♎59	12°45	27°44	1°37	18°52	6°29	28°27	27° 2	7°44	17°46	16°36	12° 0	n.a.	T 21
F 22	13 23 0	21°48'25	18°23	13°24	28°57	2°17	19° 1	6°33	28°26	27° 2	7°43	17°38	16°33	12° 6	n.a.	F 22
S 23	13 26 57	22°45'44	3♏ 6	13°59	0♉11	2°57	19°11	6°36	28°24	27° 3	7°42	17°28	16°30	12°13	n.a.	S 23
S 24	13 30 53	23°43'03	17°58	14°30	1°24	3°38	19°21	6°40	28°22	27° 3	7°41	17°19	16°27	12°20	n.a.	S 24
M25	13 34 50	24°40'22	2♐51	14°55	2°38	4°18	19°31	6°43	28°20	27° 4	7°40	17°10	16°24	12°26	n.a.	M25
T 26	13 38 46	25°37'39	17°36	15°17	3°52	4°58	19°41	6°46	28°18	27° 4	7°39	17° 3	16°20	12°33	n.a.	T 26
W27	13 42 43	26°34'56	2♑ 8	15°33	5° 5	5°38	19°51	6°49	28°16	27° 5	7°38	16°59	16°17	12°40	n.a.	W27
T 28	13 46 39	27°32'12	16°23	15°45	6°19	6°18	20° 1	6°52	28°14	27° 5	7°37	16°57	16°14	12°46	n.a.	T 28
F 29	13 50 36	28°29'28	0♒18	15°53	7°32	6°58	20°12	6°55	28°12	27° 5	7°36	16°D57	16°11	12°53	n.a.	F 29
S 30	13 54 33	29♈26'43	13♒54	15°R55	8♉46	7♉38	20♊22	6♒58	28♏10	27♑ 6	7♐35	16°R57	16♒ 8	13♊ 0	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
F 1	0n40	24s52	2s32	7n51	1n33	0n21	1s 0	7n13	0n 2	23n27	0n23	20s34	1s18	20s11	0n 3	21s40	0s32	20s36	1n24	15s22	15s47	26n58			n.a.
S 2	1 3	21 3	1 24	8 43	1 42	0 53	0 58	7 29	0 3	23 28	0 23	20 33	1 19	20 11	0 2	21 40	0 32	20 36	1 23	15 22	15 48	26 59			n.a.
S 3	1 27	16 11	0 11	9 33	1 50	1 24	0 56	7 46	0 4	23 29	0 24	20 32	1 19	20 11	0 2	21 39	0 32	20 36	1 23	15 22	15 49	27 0			n.a.
M 4	1 50	10 36	1n 1	10 21	1 58	1 55	0 55	8 2	0 4	23 30	0 24	20 31	1 19	20 10	0 2	21 39	0 32	20 36	1 23	15 22	15 50	27 0			n.a.
T 5	2 13	4 38	2 8	11 7	2 5	2 26	0 53	8 18	0 5	23 30	0 24	20 30	1 19	20 10	0 2	21 39	0 32	20 36	1 23	15 23	15 51	27 1			n.a.
W 6	2 36	1n26	3 8	11 51	2 12	2 58	0 51	8 34	0 5	23 31	0 24	20 29	1 19	20 10	0 2	21 39	0 32	20 36	1 23	15 24	15 52	27 2			n.a.
T 7	3 0	7 19	3 57	12 32	2 17	3 29	0 49	8 50	0 6	23 32	0 24	20 28	1 20	20 10	0 2	21 39	0 32	20 36	1 23	15 26	15 53	27 2			n.a.
F 8	3 23	12 50	4 33	13 12	2 23	4 0	0 47	9 6	0 7	23 33	0 24	20 27	1 20	20 9	0 2	21 38	0 32	20 36	1 23	15 29	15 53	27 3			n.a.
S 9	3 46	17 44	4 56	13 48	2 27	4 31	0 45	9 22	0 7	23 34	0 24	20 26	1 20	20 9	0 2	21 38	0 32	20 36	1 23	15 32	15 54	27 4			n.a.
S 10	4 9	21 51	5 6	14 23	2 30	5 2	0 43	9 38	0 8	23 35	0 24	20 25	1 20	20 9	0 2	21 38	0 32	20 36	1 23	15 35	15 55	27 4			n.a.
M11	4 32	24 59	5 1	14 54	2 33	5 33	0 41	9 54	0 8	23 36	0 24	20 24	1 20	20 9	0 2	21 38	0 32	20 36	1 23	15 37	15 56	27 5			n.a.
T 12	4 54	27 0	4 43	15 24	2 35	6 3	0 39	10 10	0 9	23 37	0 24	20 23	1 20	20 8	0 2	21 38	0 32	20 36	1 23	15 39	15 57	27 6			n.a.
W13	5 17	27 48	4 14	15 51	2 36	6 34	0 37	10 25	0 10	23 37	0 24	20 22	1 21	20 8	0 2	21 38	0 33	20 36	1 23	15 41	15 58	27 6			n.a.
T 14	5 40	27 18	3 33	16 16	2 36	7 4	0 35	10 41	0 10	23 38	0 24	20 22	1 21	20 8	0 2	21 38	0 33	20 36	1 23	15 41	15 59	27 7			n.a.
F 15	6 2	25 32	2 43	16 38	2 35	7 34	0 33	10 56	0 11	23 39	0 24	20 21	1 21	20 7	0 2	21 37	0 33	20 36	1 23	15 42	16 0	27 8			n.a.
S 16	6 25	22 34	1 44	16 57	2 34	8 4	0 30	11 11	0 11	23 40	0 24	20 20	1 21	20 7	0 2	21 37	0 33	20 36	1 23	15 41	16 1	27 8			n.a.
S 17	6 47	18 31	0 40	17 15	2 31	8 34	0 28	11 27	0 12	23 41	0 24	20 19	1 21	20 7	0 2	21 37	0 33	20 35	1 23	15 41	16 2	27 9			n.a.
M18	7 10	13 33	0s28	17 30	2 28	9 4	0 26	11 42	0 12	23 42	0 24	20 18	1 22	20 6	0 2	21 37	0 33	20 35	1 23	15 41	16 3	27 9			n.a.
T 19	7 32	7 49	1 37	17 42	2 24	9 34	0 24	11 57	0 13	23 43	0 24	20 17	1 22	20 6	0 2	21 37	0 33	20 35	1 22	15 42	16 4	27 10			n.a.
W20	7 54	1 34	2 42	17 52	2 18	10 3	0 21	12 12	0 14	23 44	0 24	20 17	1 22	20 6	0 2	21 37	0 33	20 35	1 22	15 43	16 5	27 11			n.a.
T 21	8 16	4s57	3 39	18 0	2 12	10 32	0 19	12 26	0 14	23 44	0 24	20 16	1 22	20 5	0 2	21 37	0 33	20 35	1 22	15 45	16 6	27 11			n.a.
F 22	8 38	11 23	4 25	18 6	2 5	11 1	0 17	12 41	0 15	23 45	0 24	20 15	1 22	20 5	0 2	21 37	0 33	20 35	1 22	15 47	16 7	27 12			n.a.
S 23	8 59	17 19	4 53	18 9	1 57	11 29	0 14	12 56	0 15	23 46	0 25	20 15	1 23	20 4	0 2	21 37	0 33	20 35	1 22	15 50	16 8	27 12			n.a.
S 24	9 21	22 17	5 3	18 9	1 48	11 57	0 12	13 10	0 16	23 47	0 25	20 14	1 23	20 4	0 2	21 37	0 33	20 35	1 22	15 53	16 9	27 13			n.a.
M25	9 42	25 49	4 52	18 8	1 38	12 25	0 10	13 24	0 16	23 48	0 25	20 13	1 23	20 4	0 2	21 36	0 33	20 35	1 22	15 56	16 10	27 13			n.a.
T 26	10 3	27 33	4 21	18 4	1 28	12 53	0 7	13 39	0 17	23 49	0 25	20 13	1 23	20 3	0 2	21 36	0 33	20 35	1 22	15 58	16 11	27 14			n.a.
W27	10 24	27 22	3 34	17 58	1 16	13 21	0 5	13 53	0 18	23 50	0 25	20 12	1 24	20 3	0 2	21 36	0 33	20 35	1 22	15 59	16 12	27 14			n.a.
T 28	10 45	25 21	2 35	17 49	1 4	13 48	0 2	14 7	0 18	23 50	0 25	20 11	1 24	20 2	0 2	21 36	0 33	20 35	1 22	16 0	16 13	27 15			n.a.
F 29	11 6	21 49	1 27	17 39	0 50	14 14	0 0	14 21	0 19	23 51	0 25	20 11	1 24	20 2	0 2	21 36	0 33	20 34	1 22	16 0	16 14	27 15			n.a.
S 30	11n27	17s10	0s16	17n26	0n36	14n41	0n 2	14n35	0n19	23n52	0n25	20s10	1s24	20s 1	0n 2	21s36	0s33	20s34	1n22	16s 0	16s15	27n16			n.a.

Julian Day Number = 1373795.5, Delta T = 06h48m22s
Ecliptic obliquity = 23°48'39, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°12'56, Lahiri = -17°05'56 Julian Calendar 1 Apr. 952 BCE == Greg. Calendar 23 March 952 BCE

The year -951 astronomical counting style corresponds to year 952 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 952 BCE
geocentric

MAY 952 BCE (-951) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 58 29	0♉23'57	27♒14	15°R54	10♉ 0	8♉19	20♊33	7♒ 1	28°R 8	27♑ 6	7°R34	16°R56	16♒ 5	13♊ 7	n.a.	S 1
M 2	14 2 26	1°21'11	10♓18	15♉48	11°13	8°59	20°43	7° 4	28♏ 6	27° 6	7♐33	16♒54	16° 1	13°13	n.a.	M 2
T 3	14 6 22	2°18'24	23° 9	15°37	12°27	9°38	20°54	7° 6	28° 4	27° 6	7°32	16°50	15°58	13°20	n.a.	T 3
W 4	14 10 19	3°15'37	5♈48	15°23	13°40	10°18	21° 4	7° 9	28° 2	27° 7	7°31	16°43	15°55	13°27	n.a.	W 4
T 5	14 14 15	4°12'49	18°17	15° 4	14°54	10°58	21°15	7°11	28° 0	27° 7	7°30	16°33	15°52	13°33	n.a.	T 5
F 6	14 18 12	5°10'01	0♉37	14°43	16° 8	11°38	21°26	7°14	27°58	27° 7	7°28	16°21	15°49	13°40	n.a.	F 6
S 7	14 22 8	6° 7'12	12°48	14°18	17°21	12°18	21°37	7°16	27°56	27° 7	7°27	16° 8	15°45	13°47	n.a.	S 7
S 8	14 26 5	7° 4'22	24°51	13°50	18°35	12°58	21°48	7°18	27°53	27° 7	7°26	15°54	15°42	13°54	n.a.	S 8
M 9	14 30 2	8° 1'32	6♊47	13°20	19°48	13°38	21°59	7°20	27°51	27°R 7	7°25	15°42	15°39	14° 0	n.a.	M 9
T 10	14 33 58	8°58'41	18°39	12°48	21° 2	14°17	22°11	7°22	27°49	27° 7	7°23	15°32	15°36	14° 7	n.a.	T 10
W11	14 37 55	9°55'50	0♋28	12°15	22°15	14°57	22°22	7°24	27°47	27° 7	7°22	15°24	15°33	14°14	n.a.	W11
T 12	14 41 51	10°52'58	12°19	11°41	23°29	15°37	22°33	7°25	27°44	27° 7	7°21	15°19	15°30	14°20	n.a.	T 12
F 13	14 45 48	11°50'06	24°15	11° 6	24°42	16°16	22°44	7°27	27°42	27° 7	7°20	15°17	15°26	14°27	n.a.	F 13
S 14	14 49 44	12°47'12	6♌21	10°33	25°56	16°56	22°56	7°29	27°40	27° 7	7°18	15°16	15°23	14°34	n.a.	S 14
S 15	14 53 41	13°44'18	18°42	10° 0	27° 9	17°36	23° 7	7°30	27°37	27° 6	7°17	15°16	15°20	14°41	n.a.	S 15
M16	14 57 37	14°41'24	1♍24	9°29	28°23	18°15	23°19	7°31	27°35	27° 6	7°16	15°15	15°17	14°47	n.a.	M16
T 17	15 1 34	15°38'29	14°32	9° 0	29°36	18°55	23°31	7°33	27°33	27° 6	7°14	15°13	15°14	14°54	n.a.	T 17
W18	15 5 31	16°35'33	28° 7	8°33	0♊50	19°34	23°42	7°34	27°30	27° 6	7°13	15° 9	15°11	15° 1	n.a.	W18
T 19	15 9 27	17°32'37	12♎12	8°10	2° 3	20°14	23°54	7°35	27°28	27° 5	7°12	15° 3	15° 7	15° 7	n.a.	T 19
F 20	15 13 24	18°29'40	26°45	7°50	3°16	20°53	24° 6	7°36	27°26	27° 5	7°10	14°54	15° 4	15°14	n.a.	F 20
S 21	15 17 20	19°26'44	11♏40	7°33	4°30	21°32	24°18	7°36	27°23	27° 5	7° 9	14°43	15° 1	15°21	n.a.	S 21
S 22	15 21 17	20°23'47	26°49	7°21	5°43	22°12	24°30	7°37	27°21	27° 4	7° 7	14°32	14°58	15°27	n.a.	S 22
M23	15 25 13	21°20'50	12♐ 1	7°14	6°57	22°51	24°42	7°38	27°18	27° 4	7° 6	14°23	14°55	15°34	n.a.	M23
T 24	15 29 10	22°17'54	27° 6	7°D11	8°10	23°30	24°54	7°38	27°16	27° 4	7° 5	14°15	14°51	15°41	n.a.	T 24
W25	15 33 7	23°14'57	11♑55	7°12	9°24	24°10	25° 6	7°39	27°14	27° 3	7° 3	14°10	14°48	15°48	n.a.	W25
T 26	15 37 3	24°12'01	26°22	7°19	10°37	24°49	25°18	7°39	27°11	27° 3	7° 2	14° 7	14°45	15°54	n.a.	T 26
F 27	15 41 0	25° 9'05	10♒25	7°30	11°50	25°28	25°30	7°39	27° 9	27° 2	7° 0	14°D 6	14°42	16° 1	n.a.	F 27
S 28	15 44 56	26° 6'09	24° 3	7°46	13° 4	26° 7	25°43	7°40	27° 6	27° 1	6°59	14°R 6	14°39	16° 8	n.a.	S 28
S 29	15 48 53	27° 3'14	7♓18	8° 8	14°17	26°47	25°55	7°R40	27° 4	27° 1	6°57	14° 6	14°36	16°14	n.a.	S 29
M30	15 52 49	28° 0'19	20°14	8°34	15°31	27°26	26° 7	7°40	27° 1	27° 0	6°56	14° 4	14°32	16°21	n.a.	M30
T 31	15 56 46	28♉57'25	2♈54	9♉ 6	16♊44	28♉ 5	26♊20	7♒39	26♏59	27♑ 0	6♐55	14♒ 0	14♒29	16♊28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	11n47	11s47	0n54	17n12	0n22	15n 7	0n 5	14n48	0n20	23n53	0n25	20s10	1s24	20s 1	0n 2	21s36	0s33	20s34	1n22	16s 0	16s16	27n16			n.a.
M 2	12 8	5 58	2 0	16 55	0 6	15 33	0 7	15 2	0 20	23 54	0 25	20 9	1 25	20 1	0 2	21 36	0 33	20 34	1 22	16 1	16 17	27 17			n.a.
T 3	12 28	0 2	2 59	16 37	0s 9	15 58	0 10	15 15	0 21	23 55	0 25	20 9	1 25	20 0	0 2	21 36	0 33	20 34	1 21	16 2	16 18	27 17			n.a.
W 4	12 48	5n49	3 48	16 17	0 26	16 23	0 12	15 29	0 21	23 55	0 25	20 8	1 25	20 0	0 2	21 36	0 33	20 34	1 21	16 4	16 19	27 18			n.a.
T 5	13 7	11 21	4 25	15 56	0 42	16 47	0 14	15 42	0 22	23 56	0 25	20 8	1 25	19 59	0 2	21 36	0 33	20 34	1 21	16 7	16 20	27 18			n.a.
F 6	13 27	16 22	4 49	15 34	0 59	17 11	0 17	15 55	0 23	23 57	0 25	20 8	1 25	19 59	0 2	21 36	0 33	20 34	1 21	16 11	16 21	27 19			n.a.
S 7	13 46	20 40	4 59	15 10	1 16	17 35	0 19	16 8	0 23	23 58	0 25	20 7	1 26	19 58	0 2	21 36	0 33	20 33	1 21	16 15	16 22	27 19			n.a.
S 8	14 5	24 3	4 56	14 46	1 33	17 58	0 22	16 21	0 24	23 58	0 25	20 7	1 26	19 58	0 2	21 36	0 33	20 33	1 21	16 19	16 23	27 19			n.a.
M 9	14 24	26 23	4 40	14 21	1 49	18 21	0 24	16 33	0 24	23 59	0 25	20 7	1 26	19 57	0 2	21 36	0 33	20 33	1 21	16 23	16 24	27 20			n.a.
T 10	14 43	27 30	4 12	13 56	2 6	18 43	0 26	16 46	0 25	24 0	0 25	20 6	1 26	19 57	0 2	21 36	0 33	20 33	1 21	16 26	16 24	27 20			n.a.
W11	15 1	27 22	3 33	13 30	2 21	19 5	0 29	16 58	0 25	24 1	0 26	20 6	1 27	19 56	0 2	21 36	0 33	20 33	1 21	16 28	16 25	27 21			n.a.
T 12	15 19	25 58	2 45	13 6	2 36	19 26	0 31	17 11	0 26	24 1	0 26	20 6	1 27	19 56	0 2	21 36	0 33	20 33	1 21	16 29	16 26	27 21			n.a.
F 13	15 37	23 23	1 49	12 42	2 51	19 47	0 33	17 23	0 26	24 2	0 26	20 6	1 27	19 55	0 2	21 36	0 33	20 33	1 21	16 30	16 27	27 22			n.a.
S 14	15 55	19 44	0 47	12 18	3 4	20 7	0 36	17 35	0 27	24 3	0 26	20 5	1 27	19 55	0 2	21 36	0 33	20 33	1 21	16 30	16 28	27 22			n.a.
S 15	16 12	15 10	0s18	11 57	3 16	20 27	0 38	17 47	0 27	24 3	0 26	20 5	1 28	19 54	0 2	21 37	0 33	20 32	1 21	16 30	16 29	27 22			n.a.
M16	16 30	9 50	1 24	11 36	3 27	20 46	0 40	17 58	0 28	24 4	0 26	20 5	1 28	19 54	0 2	21 37	0 34	20 32	1 20	16 31	16 30	27 23			n.a.
T 17	16 47	3 55	2 28	11 18	3 37	21 4	0 43	18 10	0 28	24 5	0 26	20 5	1 28	19 53	0 2	21 37	0 34	20 32	1 20	16 31	16 31	27 23			n.a.
W18	17 3	2s23	3 26	11 1	3 45	21 22	0 45	18 22	0 29	24 5	0 26	20 5	1 28	19 52	0 2	21 37	0 34	20 32	1 20	16 32	16 32	27 23			n.a.
T 19	17 20	8 46	4 13	10 47	3 53	21 40	0 47	18 33	0 29	24 6	0 26	20 5	1 28	19 52	0 2	21 37	0 34	20 32	1 20	16 34	16 33	27 24			n.a.
F 20	17 36	14 54	4 46	10 35	3 58	21 56	0 49	18 44	0 30	24 7	0 26	20 5	1 29	19 51	0 2	21 37	0 34	20 32	1 20	16 37	16 34	27 24			n.a.
S 21	17 52	20 19	5 0	10 25	4 3	22 13	0 51	18 55	0 30	24 7	0 26	20 5	1 29	19 51	0 2	21 37	0 34	20 32	1 20	16 40	16 35	27 24			n.a.
S 22	18 7	24 30	4 54	10 18	4 6	22 28	0 53	19 6	0 31	24 8	0 26	20 5	1 29	19 50	0 2	21 37	0 34	20 31	1 20	16 43	16 36	27 25			n.a.
M23	18 23	26 59	4 27	10 14	4 8	22 43	0 55	19 17	0 31	24 8	0 26	20 5	1 29	19 50	0 2	21 37	0 34	20 31	1 20	16 46	16 37	27 25			n.a.
T 24	18 38	27 28	3 41	10 13	4 8	22 57	0 57	19 27	0 32	24 9	0 26	20 5	1 30	19 49	0 2	21 37	0 34	20 31	1 20	16 49	16 38	27 25			n.a.
W25	18 52	25 57	2 41	10 14	4 8	23 11	0 59	19 38	0 32	24 9	0 26	20 5	1 30	19 49	0 2	21 37	0 34	20 31	1 20	16 50	16 39	27 26			n.a.
T 26	19 7	22 43	1 32	10 18	4 6	23 24	1 1	19 48	0 33	24 10	0 26	20 5	1 30	19 48	0 2	21 38	0 34	20 31	1 20	16 51	16 40	27 26			n.a.
F 27	19 21	18 13	0 20	10 25	4 2	23 36	1 3	19 58	0 33	24 10	0 26	20 6	1 30	19 48	0 2	21 38	0 34	20 31	1 19	16 51	16 41	27 26			n.a.
S 28	19 35	12 53	0n52	10 34	3 58	23 48	1 5	20 8	0 34	24 11	0 27	20 6	1 31	19 47	0 2	21 38	0 34	20 31	1 19	16 51	16 42	27 26			n.a.
S 29	19 48	7 7	2 0	10 46	3 53	23 59	1 7	20 18	0 34	24 11	0 27	20 6	1 31	19 46	0 2	21 38	0 34	20 30	1 19	16 51	16 42	27 27			n.a.
M30	20 1	1 11	2 59	11 0	3 47	24 9	1 9	20 27	0 35	24 12	0 27	20 6	1 31	19 46	0 2	21 38	0 34	20 30	1 19	16 52	16 43	27 27			n.a.
T 31	20n14	4n39	3n48	11n17	3s40	24n19	1n11	20n37	0n35	24n12	0n27	20s 6	1s31	19s45	0n 2	21s38	0s34	20s30	1n19	16s53	16s44	27n27			n.a.

Julian Day Number = 1373825.5, Delta T = 06h48m21s
Ecliptic obliquity = 23°48'39, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°12'52, Lahiri = -17°05'52 Julian Calendar 1 May 952 BCE == Greg. Calendar 22 Apr. 952 BCE

The year -951 astronomical counting style corresponds to year 952 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 952 BCE
geocentric

JUNE 952 BCE (-951) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 0 42	29♉54'31	15♈21	9♉42	17♊57	28♉44	26♊32	7°R39	26°R56	26°R59	6°R53	13°R53	14♒26	16♊34	n.a.	W 1
T 2	16 4 39	0♊51'38	27°37	10°23	19°11	29°23	26°44	7♒39	26♏54	26♐58	6♐52	13♒44	14°23	16°41	n.a.	T 2
F 3	16 8 36	1°48'45	9♉45	11° 9	20°24	0♊ 2	26°57	7°38	26°52	26°57	6°50	13°33	14°20	16°48	n.a.	F 3
S 4	16 12 32	2°45'53	21°46	12° 0	21°37	0°41	27°10	7°38	26°49	26°57	6°49	13°20	14°17	16°55	n.a.	S 4
S 5	16 16 29	3°43'01	3♊42	12°55	22°51	1°20	27°22	7°37	26°47	26°56	6°47	13° 7	14°13	17° 1	n.a.	S 5
M 6	16 20 25	4°40'09	15°34	13°56	24° 4	1°59	27°35	7°36	26°44	26°55	6°46	12°56	14°10	17° 8	n.a.	M 6
T 7	16 24 22	5°37'18	27°24	15° 1	25°17	2°38	27°47	7°35	26°42	26°54	6°44	12°46	14° 7	17°15	n.a.	T 7
W 8	16 28 18	6°34'27	9♋13	16°10	26°31	3°17	28° 0	7°34	26°40	26°53	6°43	12°39	14° 4	17°21	n.a.	W 8
T 9	16 32 15	7°31'37	21° 5	17°24	27°44	3°56	28°13	7°33	26°37	26°52	6°41	12°34	14° 1	17°28	n.a.	T 9
F 10	16 36 12	8°28'47	3♌ 2	18°42	28°57	4°35	28°26	7°32	26°35	26°51	6°40	12°32	13°57	17°35	n.a.	F 10
S 11	16 40 8	9°25'57	15° 9	20° 5	0♋11	5°14	28°38	7°31	26°33	26°50	6°38	12°D31	13°54	17°42	n.a.	S 11
S 12	16 44 5	10°23'08	27°31	21°32	1°24	5°53	28°51	7°29	26°30	26°49	6°37	12°32	13°51	17°48	n.a.	S 12
M13	16 48 1	11°20'18	10♍10	23° 3	2°37	6°31	29° 4	7°28	26°28	26°48	6°35	12°R32	13°48	17°55	n.a.	M13
T 14	16 51 58	12°17'30	23°14	24°38	3°50	7°10	29°17	7°26	26°26	26°47	6°34	12°32	13°45	18° 2	n.a.	T 14
W15	16 55 54	13°14'41	6♎44	26°17	5° 4	7°49	29°30	7°25	26°23	26°46	6°32	12°30	13°42	18° 8	n.a.	W15
T 16	16 59 51	14°11'54	20°44	27°59	6°17	8°28	29°43	7°23	26°21	26°45	6°31	12°25	13°38	18°15	n.a.	T 16
F 17	17 3 47	15° 9'06	5♏12	29°45	7°30	9° 7	29°56	7°21	26°19	26°44	6°29	12°19	13°35	18°22	n.a.	F 17
S 18	17 7 44	16° 6'20	20° 5	1♊34	8°43	9°45	0♋ 9	7°19	26°16	26°43	6°28	12°11	13°32	18°28	n.a.	S 18
S 19	17 11 41	17° 3'34	5♐15	3°26	9°57	10°24	0°22	7°17	26°14	26°42	6°27	12° 3	13°29	18°35	n.a.	S 19
M20	17 15 37	18° 0'49	20°33	5°21	11°10	11° 3	0°35	7°15	26°12	26°41	6°25	11°55	13°26	18°42	n.a.	M20
T 21	17 19 34	18°58'05	5♑48	7°19	12°23	11°41	0°48	7°13	26°10	26°39	6°24	11°49	13°23	18°49	n.a.	T 21
W22	17 23 30	19°55'21	20°48	9°18	13°36	12°20	1° 1	7°11	26° 8	26°38	6°22	11°46	13°19	18°55	n.a.	W22
T 23	17 27 27	20°52'39	5♒28	11°19	14°49	12°58	1°14	7° 8	26° 6	26°37	6°21	11°D44	13°16	19° 2	n.a.	T 23
F 24	17 31 23	21°49'59	19°41	13°22	16° 2	13°37	1°27	7° 6	26° 3	26°36	6°19	11°44	13°13	19° 9	n.a.	F 24
S 25	17 35 20	22°47'19	3♓27	15°26	17°15	14°16	1°40	7° 3	26° 1	26°34	6°18	11°45	13°10	19°15	n.a.	S 25
S 26	17 39 17	23°44'40	16°47	17°31	18°28	14°54	1°53	7° 0	25°59	26°33	6°17	11°46	13° 7	19°22	n.a.	S 26
M27	17 43 13	24°42'03	29°44	19°36	19°42	15°33	2° 6	6°58	25°57	26°32	6°15	11°R46	13° 3	19°29	n.a.	M27
T 28	17 47 10	25°39'28	12♈20	21°41	20°55	16°11	2°19	6°55	25°55	26°30	6°14	11°45	13° 0	19°35	n.a.	T 28
W29	17 51 6	26°36'54	24°42	23°46	22° 8	16°50	2°33	6°52	25°53	26°29	6°12	11°41	12°57	19°42	n.a.	W29
T 30	17 55 3	27♊34'21	6♉51	25♊51	23♋21	17♊28	2♋46	6♒49	25♏51	26♐28	6♐11	11♒36	12♒54	19♊49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20n27	10n12	4n25	11n35	3s32	24n27	1n12	20n46	0n36	24n13	0n27	20s 7	1s31	19s45	0n 2	21s39	0s34	20s30	1n19	16s55	16s45	27n27			n.a.
T 2	20 39	15 16	4 50	11 57	3 24	24 35	1 14	20 55	0 36	24 13	0 27	20 7	1 32	19 44	0 2	21 39	0 34	20 30	1 19	16 58	16 46	27 28			n.a.
F 3	20 51	19 42	5 1	12 20	3 14	24 43	1 16	21 4	0 37	24 13	0 27	20 7	1 32	19 44	0 2	21 39	0 34	20 30	1 19	17 1	16 47	27 28			n.a.
S 4	21 2	23 16	4 58	12 45	3 4	24 49	1 17	21 13	0 37	24 14	0 27	20 8	1 32	19 43	0 2	21 39	0 34	20 29	1 19	17 5	16 48	27 28			n.a.
S 5	21 13	25 50	4 42	13 12	2 54	24 55	1 19	21 22	0 38	24 14	0 27	20 8	1 32	19 42	0 2	21 39	0 34	20 29	1 19	17 8	16 49	27 28			n.a.
M 6	21 24	27 14	4 15	13 41	2 43	25 1	1 20	21 30	0 38	24 14	0 27	20 9	1 33	19 42	0 2	21 39	0 34	20 29	1 19	17 12	16 50	27 29			n.a.
T 7	21 34	27 23	3 36	14 11	2 31	25 5	1 22	21 39	0 39	24 15	0 27	20 9	1 33	19 41	0 2	21 40	0 34	20 29	1 18	17 14	16 51	27 29			n.a.
W 8	21 45	26 16	2 47	14 42	2 20	25 9	1 23	21 47	0 39	24 15	0 27	20 9	1 33	19 41	0 2	21 40	0 34	20 29	1 18	17 17	16 52	27 29			n.a.
T 9	21 54	23 58	1 52	15 15	2 7	25 12	1 24	21 55	0 40	24 15	0 27	20 10	1 33	19 40	0 2	21 40	0 34	20 29	1 18	17 18	16 53	27 29			n.a.
F 10	22 4	20 36	0 50	15 49	1 55	25 14	1 25	22 3	0 40	24 16	0 27	20 11	1 33	19 40	0 2	21 40	0 34	20 28	1 18	17 18	16 54	27 29			n.a.
S 11	22 13	16 19	0s14	16 24	1 42	25 15	1 27	22 10	0 41	24 16	0 28	20 11	1 34	19 39	0 2	21 40	0 34	20 28	1 18	17 19	16 55	27 29			n.a.
S 12	22 21	11 17	1 19	16 59	1 29	25 16	1 28	22 18	0 41	24 16	0 28	20 12	1 34	19 39	0 2	21 41	0 34	20 28	1 18	17 18	16 56	27 30			n.a.
M13	22 29	5 41	2 22	17 35	1 16	25 16	1 29	22 25	0 42	24 16	0 28	20 12	1 34	19 38	0 2	21 41	0 34	20 28	1 18	17 18	16 56	27 30			n.a.
T 14	22 37	0s19	3 20	18 12	1 4	25 15	1 30	22 32	0 42	24 16	0 28	20 13	1 34	19 38	0 2	21 41	0 34	20 28	1 18	17 18	16 57	27 30			n.a.
W15	22 44	6 30	4 8	18 48	0 51	25 13	1 31	22 39	0 43	24 16	0 28	20 14	1 35	19 37	0 2	21 41	0 34	20 28	1 18	17 19	16 58	27 30			n.a.
T 16	22 51	12 35	4 44	19 24	0 38	25 11	1 32	22 46	0 43	24 17	0 28	20 14	1 35	19 36	0 2	21 42	0 34	20 28	1 18	17 20	16 59	27 30			n.a.
F 17	22 58	18 12	5 3	20 0	0 25	25 8	1 32	22 52	0 43	24 17	0 28	20 15	1 35	19 36	0 2	21 42	0 34	20 27	1 17	17 22	17 0	27 30			n.a.
S 18	23 4	22 53	5 2	20 35	0 13	25 4	1 33	22 59	0 44	24 17	0 28	20 16	1 35	19 35	0 2	21 42	0 34	20 27	1 17	17 24	17 1	27 30			n.a.
S 19	23 10	26 7	4 41	21 9	0 1	24 59	1 34	23 5	0 44	24 17	0 28	20 16	1 35	19 35	0 2	21 42	0 34	20 27	1 17	17 27	17 2	27 30			n.a.
M20	23 16	27 27	3 59	21 42	0n11	24 54	1 34	23 11	0 45	24 17	0 28	20 17	1 36	19 34	0 2	21 43	0 35	20 27	1 17	17 29	17 3	27 31			n.a.
T 21	23 21	26 41	3 1	22 14	0 22	24 48	1 35	23 17	0 45	24 17	0 28	20 18	1 36	19 34	0 2	21 43	0 35	20 27	1 17	17 31	17 4	27 31			n.a.
W22	23 25	23 59	1 50	22 43	0 33	24 41	1 35	23 23	0 46	24 17	0 28	20 19	1 36	19 33	0 2	21 43	0 35	20 27	1 17	17 32	17 5	27 31			n.a.
T 23	23 29	19 45	0 34	23 11	0 43	24 33	1 36	23 28	0 46	24 17	0 28	20 19	1 36	19 33	0 2	21 43	0 35	20 27	1 17	17 32	17 6	27 31			n.a.
F 24	23 33	14 28	0n43	23 37	0 52	24 25	1 36	23 34	0 47	24 17	0 29	20 20	1 37	19 32	0 2	21 44	0 35	20 26	1 17	17 32	17 7	27 31			n.a.
S 25	23 37	8 37	1 54	24 0	1 1	24 16	1 36	23 39	0 47	24 17	0 29	20 21	1 37	19 32	0 2	21 44	0 35	20 26	1 17	17 32	17 8	27 31			n.a.
S 26	23 40	2 35	2 57	24 21	1 9	24 6	1 36	23 44	0 48	24 17	0 29	20 22	1 37	19 31	0 2	21 44	0 35	20 26	1 16	17 32	17 8	27 31			n.a.
M27	23 42	3n23	3 50	24 39	1 16	23 56	1 37	23 48	0 48	24 16	0 29	20 23	1 37	19 31	0 2	21 44	0 35	20 26	1 16	17 31	17 9	27 31			n.a.
T 28	23 44	9 4	4 29	24 55	1 23	23 45	1 37	23 53	0 48	24 16	0 29	20 24	1 37	19 30	0 2	21 45	0 35	20 26	1 16	17 32	17 10	27 31			n.a.
W29	23 46	14 16	4 55	25 8	1 28	23 33	1 36	23 57	0 49	24 16	0 29	20 25	1 38	19 30	0 2	21 45	0 35	20 26	1 16	17 33	17 11	27 31			n.a.
T 30	23n47	18n50	5n 7	25n18	1n33	23n20	1n36	24n 2	0n49	24n16	0n29	20s26	1s38	19s30	0n 2	21s45	0s35	20s26	1n16	17s34	17s12	27n31			n.a.

Julian Day Number = 1373856.5, Delta T = 06h48m19s
Ecliptic obliquity = 23°48'38, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°12'48, Lahiri = -17°05'47 Julian Calendar 1 June 952 BCE == Greg. Calendar 23 May 952 BCE

The year -951 astronomical counting style corresponds to year 952 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 952 BCE
geocentric

JULY 952 BCE (-951) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 58 59	28♊31'49	18♉51	27♊55	24♋34	18♊ 7	2♋59	6°R46	25°R49	26°R26	6°R10	11°R29	12♒51	19♊55	n.a.	F 1
S 2	18 2 56	29°29'20	0♊46	29°58	25°47	18°45	3°12	6♒43	25♏47	26♑25	6♐ 8	11♒21	12°48	20° 2	n.a.	S 2
S 3	18 6 52	0♋26'51	12°37	2♋ 1	27° 0	19°24	3°25	6°40	25°46	26°24	6° 7	11°14	12°44	20° 9	n.a.	S 3
M 4	18 10 49	1°24'24	24°28	4° 2	28°13	20° 2	3°38	6°36	25°44	26°22	6° 6	11° 7	12°41	20°16	n.a.	M 4
T 5	18 14 46	2°21'58	6♋18	6° 3	29°26	20°41	3°52	6°33	25°42	26°21	6° 5	11° 1	12°38	20°22	n.a.	T 5
W 6	18 18 42	3°19'34	18°12	8° 2	0♌39	21°19	4° 5	6°30	25°40	26°19	6° 3	10°57	12°35	20°29	n.a.	W 6
T 7	18 22 39	4°17'11	0♌ 9	10° 0	1°52	21°57	4°18	6°26	25°38	26°18	6° 2	10°54	12°32	20°36	n.a.	T 7
F 8	18 26 35	5°14'49	12°14	11°56	3° 5	22°36	4°31	6°22	25°37	26°16	6° 1	10°D54	12°29	20°42	n.a.	F 8
S 9	18 30 32	6°12'28	24°28	13°52	4°18	23°14	4°44	6°19	25°35	26°15	5°59	10°54	12°25	20°49	n.a.	S 9
S 10	18 34 28	7°10'09	6♍55	15°46	5°30	23°52	4°58	6°15	25°34	26°13	5°58	10°56	12°22	20°56	n.a.	S 10
M11	18 38 25	8° 7'50	19°38	17°38	6°43	24°31	5°11	6°11	25°32	26°12	5°57	10°58	12°19	21° 2	n.a.	M11
T 12	18 42 21	9° 5'33	2♎40	19°29	7°56	25° 9	5°24	6° 8	25°30	26°10	5°56	10°59	12°16	21° 9	n.a.	T 12
W13	18 46 18	10° 3'17	16° 6	21°18	9° 9	25°47	5°37	6° 4	25°29	26° 8	5°55	10°R59	12°13	21°16	n.a.	W13
T 14	18 50 15	11° 1'03	29°57	23° 7	10°22	26°25	5°50	6° 0	25°27	26° 7	5°54	10°57	12° 9	21°23	n.a.	T 14
F 15	18 54 11	11°58'50	14♏13	24°53	11°35	27° 4	6° 3	5°56	25°26	26° 5	5°52	10°55	12° 6	21°29	n.a.	F 15
S 16	18 58 8	12°56'38	28°52	26°39	12°47	27°42	6°17	5°52	25°25	26° 4	5°51	10°51	12° 3	21°36	n.a.	S 16
S 17	19 2 4	13°54'27	13♐49	28°23	14° 0	28°20	6°30	5°48	25°23	26° 2	5°50	10°48	12° 0	21°43	n.a.	S 17
M18	19 6 1	14°52'19	28°57	0♌ 5	15°13	28°58	6°43	5°43	25°22	26° 1	5°49	10°44	11°57	21°49	n.a.	M18
T 19	19 9 57	15°50'11	14♑ 5	1°47	16°25	29°36	6°56	5°39	25°21	25°59	5°48	10°42	11°54	21°56	n.a.	T 19
W20	19 13 54	16°48'06	29° 5	3°26	17°38	0♋15	7° 9	5°35	25°19	25°57	5°47	10°40	11°50	22° 3	n.a.	W20
T 21	19 17 50	17°46'02	13♒48	5° 5	18°51	0°53	7°22	5°31	25°18	25°56	5°46	10°D40	11°47	22° 9	n.a.	T 21
F 22	19 21 47	18°44'00	28° 8	6°42	20° 3	1°31	7°35	5°26	25°17	25°54	5°45	10°41	11°44	22°16	n.a.	F 22
S 23	19 25 44	19°41'59	12♓ 2	8°18	21°16	2° 9	7°48	5°22	25°16	25°52	5°44	10°42	11°41	22°23	n.a.	S 23
S 24	19 29 40	20°40'01	25°30	9°53	22°28	2°47	8° 1	5°18	25°15	25°51	5°43	10°43	11°38	22°29	n.a.	S 24
M25	19 33 37	21°38'05	8♈32	11°26	23°41	3°25	8°14	5°13	25°14	25°49	5°42	10°44	11°35	22°36	n.a.	M25
T 26	19 37 33	22°36'11	21°12	12°58	24°53	4° 3	8°27	5° 9	25°13	25°47	5°41	10°R45	11°31	22°43	n.a.	T 26
W27	19 41 30	23°34'19	3♉33	14°29	26° 6	4°41	8°40	5° 4	25°12	25°46	5°40	10°44	11°28	22°50	n.a.	W27
T 28	19 45 26	24°32'29	15°41	15°58	27°18	5°20	8°53	5° 0	25°11	25°44	5°40	10°43	11°25	22°56	n.a.	T 28
F 29	19 49 23	25°30'42	27°38	17°27	28°31	5°58	9° 6	4°55	25°10	25°43	5°39	10°42	11°22	23° 3	n.a.	F 29
S 30	19 53 19	26°28'56	9♊31	18°53	29°43	6°36	9°19	4°51	25°10	25°41	5°38	10°40	11°19	23°10	n.a.	S 30
S 31	19 57 16	27♋27'13	21♊21	20♌19	0♍55	7♋14	9♋32	4♒46	25♏ 9	25♑39	5♐37	10♒38	11♒15	23♊16	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	22n35	5n 6	25n25	1n38	23n 7	1n36	24n 6	0n50	24n16	0n29	20s27	1s38	19s29	0n 2	21s46	0s35	20s26	1n16	17s36	17s13	27n31		n.a.
S 2	23 49	25 22	4 51	25 30	1 41	22 53	1 36	24 10	0 50	24 16	0 29	20 28	1 38	19 29	0 2	21 46	0 35	20 25	1 16	17 38	17 14	27 31		n.a.
S 3	23 49	27 1	4 24	25 32	1 44	22 39	1 36	24 13	0 51	24 15	0 29	20 29	1 38	19 28	0 2	21 46	0 35	20 25	1 16	17 41	17 15	27 31		n.a.
M 4	23 48	27 27	3 45	25 31	1 46	22 23	1 35	24 17	0 51	24 15	0 29	20 30	1 38	19 28	0 2	21 47	0 35	20 25	1 16	17 43	17 16	27 31		n.a.
T 5	23 47	26 36	2 57	25 28	1 48	22 8	1 35	24 20	0 51	24 15	0 30	20 31	1 39	19 27	0 2	21 47	0 35	20 25	1 15	17 44	17 17	27 31		n.a.
W 6	23 46	24 32	2 0	25 22	1 48	21 51	1 34	24 23	0 52	24 14	0 30	20 32	1 39	19 27	0 2	21 47	0 35	20 25	1 15	17 45	17 18	27 31		n.a.
T 7	23 44	21 23	0 58	25 14	1 49	21 34	1 33	24 26	0 52	24 14	0 30	20 33	1 39	19 27	0 2	21 47	0 35	20 25	1 15	17 46	17 18	27 31		n.a.
F 8	23 42	17 17	0s 7	25 4	1 48	21 16	1 33	24 29	0 53	24 14	0 30	20 34	1 39	19 26	0 2	21 48	0 35	20 25	1 15	17 46	17 19	27 31		n.a.
S 9	23 40	12 25	1 13	24 51	1 47	20 58	1 32	24 31	0 53	24 13	0 30	20 35	1 39	19 26	0 2	21 48	0 35	20 25	1 15	17 46	17 20	27 31		n.a.
S 10	23 37	6 59	2 17	24 37	1 46	20 39	1 31	24 33	0 54	24 13	0 30	20 36	1 40	19 25	0 2	21 48	0 35	20 25	1 15	17 45	17 21	27 31		n.a.
M11	23 33	1 10	3 16	24 20	1 44	20 20	1 30	24 36	0 54	24 13	0 30	20 37	1 40	19 25	0 2	21 49	0 35	20 24	1 15	17 45	17 22	27 31		n.a.
T 12	23 30	4s50	4 6	24 2	1 41	20 0	1 29	24 38	0 54	24 12	0 30	20 39	1 40	19 25	0 2	21 49	0 35	20 24	1 15	17 45	17 23	27 31		n.a.
W13	23 25	10 47	4 44	23 42	1 38	19 39	1 28	24 39	0 55	24 12	0 30	20 40	1 40	19 24	0 2	21 49	0 35	20 24	1 14	17 45	17 24	27 30		n.a.
T 14	23 21	16 25	5 8	23 21	1 34	19 18	1 27	24 41	0 55	24 11	0 30	20 41	1 40	19 24	0 2	21 50	0 35	20 24	1 14	17 45	17 25	27 30		n.a.
F 15	23 16	21 19	5 13	22 58	1 31	18 57	1 25	24 42	0 56	24 11	0 30	20 42	1 40	19 24	0 1	21 50	0 35	20 24	1 14	17 46	17 26	27 30		n.a.
S 16	23 10	25 3	4 58	22 34	1 26	18 35	1 24	24 43	0 56	24 10	0 31	20 43	1 41	19 23	0 1	21 50	0 35	20 24	1 14	17 47	17 27	27 30		n.a.
S 17	23 4	27 10	4 23	22 8	1 22	18 12	1 23	24 44	0 56	24 10	0 31	20 44	1 41	19 23	0 1	21 51	0 35	20 24	1 14	17 48	17 28	27 30		n.a.
M18	22 58	27 18	3 29	21 41	1 17	17 49	1 21	24 45	0 57	24 9	0 31	20 46	1 41	19 23	0 1	21 51	0 35	20 24	1 14	17 49	17 28	27 30		n.a.
T 19	22 51	25 23	2 21	21 14	1 11	17 25	1 20	24 46	0 57	24 8	0 31	20 47	1 41	19 22	0 1	21 51	0 35	20 24	1 14	17 49	17 29	27 30		n.a.
W20	22 44	21 41	1 3	20 45	1 6	17 1	1 18	24 46	0 58	24 8	0 31	20 48	1 41	19 22	0 1	21 52	0 35	20 24	1 14	17 50	17 30	27 30		n.a.
T 21	22 37	16 40	0n17	20 15	1 0	16 37	1 16	24 46	0 58	24 7	0 31	20 49	1 41	19 22	0 1	21 52	0 35	20 24	1 13	17 50	17 31	27 29		n.a.
F 22	22 29	10 49	1 35	19 45	0 53	16 12	1 14	24 47	0 58	24 7	0 31	20 50	1 41	19 22	0 1	21 52	0 35	20 24	1 13	17 50	17 32	27 29		n.a.
S 23	22 20	4 37	2 44	19 13	0 47	15 47	1 13	24 46	0 59	24 6	0 31	20 52	1 42	19 21	0 1	21 53	0 35	20 24	1 13	17 49	17 33	27 29		n.a.
S 24	22 12	1n35	3 43	18 41	0 40	15 21	1 11	24 46	0 59	24 5	0 31	20 53	1 42	19 21	0 1	21 53	0 35	20 24	1 13	17 49	17 34	27 29		n.a.
M25	22 2	7 31	4 27	18 9	0 33	14 55	1 9	24 46	1 0	24 5	0 32	20 54	1 42	19 21	0 1	21 53	0 35	20 24	1 13	17 49	17 35	27 29		n.a.
T 26	21 53	12 58	4 58	17 36	0 26	14 28	1 7	24 45	1 0	24 4	0 32	20 55	1 42	19 21	0 1	21 54	0 35	20 24	1 13	17 49	17 36	27 29		n.a.
W27	21 43	17 47	5 13	17 2	0 18	14 1	1 5	24 44	1 0	24 3	0 32	20 57	1 42	19 20	0 1	21 54	0 35	20 23	1 13	17 49	17 36	27 28		n.a.
T 28	21 33	21 47	5 15	16 28	0 11	13 34	1 2	24 43	1 1	24 2	0 32	20 58	1 42	19 20	0 1	21 54	0 35	20 23	1 13	17 49	17 37	27 28		n.a.
F 29	21 22	24 50	5 2	15 54	0 3	13 7	1 0	24 42	1 1	24 2	0 32	20 59	1 42	19 20	0 1	21 54	0 35	20 23	1 12	17 49	17 38	27 28		n.a.
S 30	21 11	26 47	4 37	15 19	0s 5	12 39	0 58	24 40	1 2	24 1	0 32	21 0	1 42	19 20	0 1	21 55	0 35	20 23	1 12	17 50	17 39	27 28		n.a.
S 31	21n 0	27n31	4n 0	14n44	0s13	12n10	0n55	24n38	1n 2	24n 0	0n32	21s 1	1s42	19s20	0n 1	21s55	0s35	20s23	1n12	17s51	17s40	27n28		n.a.

Julian Day Number = 1373886.5, Delta T = 06h48m18s
Ecliptic obliquity = 23°48'38, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°12'44, Lahiri = -17°05'43 Julian Calendar 1 July 952 BCE == Greg. Calendar 22 June 952 BCE

The year -951 astronomical counting style corresponds to year 952 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 952 BCE
geocentric

AUGUST 952 BCE (-951) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 1 13	28♋25'32	3♋11	21♌43	2♍ 8	7♋52	9♋45	4°R41	25°R 8	25°R38	5°R36	10°R36	11♒12	23♊23	n.a.	M 1
T 2	20 5 9	29°23'53	15° 6	23° 6	3°20	8°30	9°57	4♒37	25♏ 8	25♑36	5♐36	10♒34	11° 9	23°30	n.a.	T 2
W 3	20 9 6	0♌22'16	27° 6	24°27	4°32	9° 8	10°10	4°32	25° 7	25°34	5°35	10°33	11° 6	23°36	n.a.	W 3
T 4	20 13 2	1°20'40	9♌14	25°47	5°44	9°46	10°23	4°27	25° 7	25°33	5°34	10°D33	11° 3	23°43	n.a.	T 4
F 5	20 16 59	2°19'07	21°32	27° 5	6°57	10°24	10°36	4°23	25° 6	25°31	5°34	10°33	11° 0	23°50	n.a.	F 5
S 6	20 20 55	3°17'36	4♍ 0	28°22	8° 9	11° 2	10°48	4°18	25° 6	25°29	5°33	10°34	10°56	23°56	n.a.	S 6
S 7	20 24 52	4°16'06	16°41	29°37	9°21	11°40	11° 1	4°13	25° 5	25°28	5°32	10°34	10°53	24° 3	n.a.	S 7
M 8	20 28 48	5°14'38	29°37	0♍50	10°33	12°18	11°14	4° 9	25° 5	25°26	5°32	10°35	10°50	24°10	n.a.	M 8
T 9	20 32 45	6°13'12	12♎48	2° 2	11°45	12°56	11°26	4° 4	25° 5	25°24	5°31	10°35	10°47	24°16	n.a.	T 9
W10	20 36 41	7°11'48	26°16	3°12	12°57	13°33	11°39	4° 0	25° 5	25°23	5°31	10°36	10°44	24°23	n.a.	W10
T 11	20 40 38	8°10'26	10♏ 2	4°20	14° 9	14°11	11°51	3°55	25° 4	25°21	5°30	10°R36	10°41	24°30	n.a.	T 11
F 12	20 44 35	9° 9'06	24° 7	5°25	15°21	14°49	12° 4	3°50	25° 4	25°20	5°30	10°36	10°37	24°37	n.a.	F 12
S 13	20 48 31	10° 7'47	8♐28	6°29	16°33	15°27	12°16	3°46	25° 4	25°18	5°29	10°D36	10°34	24°43	n.a.	S 13
S 14	20 52 28	11° 6'30	23° 4	7°30	17°45	16° 5	12°28	3°41	25°D 4	25°17	5°29	10°36	10°31	24°50	n.a.	S 14
M15	20 56 24	12° 5'15	7♑49	8°28	18°56	16°43	12°41	3°36	25° 4	25°15	5°28	10°36	10°28	24°57	n.a.	M15
T 16	21 0 21	13° 4'02	22°37	9°24	20° 8	17°21	12°53	3°32	25° 4	25°13	5°28	10°36	10°25	25° 3	n.a.	T 16
W17	21 4 17	14° 2'51	7♒21	10°17	21°20	17°58	13° 5	3°27	25° 4	25°12	5°28	10°R36	10°21	25°10	n.a.	W17
T 18	21 8 14	15° 1'43	21°54	11° 7	22°32	18°36	13°17	3°23	25° 5	25°10	5°28	10°36	10°18	25°17	n.a.	T 18
F 19	21 12 10	16° 0'36	6♓10	11°53	23°43	19°14	13°29	3°18	25° 5	25° 9	5°27	10°36	10°15	25°23	n.a.	F 19
S 20	21 16 7	16°59'31	20° 4	12°36	24°55	19°52	13°41	3°14	25° 5	25° 7	5°27	10°35	10°12	25°30	n.a.	S 20
S 21	21 20 4	17°58'29	3♈35	13°15	26° 6	20°30	13°53	3° 9	25° 5	25° 6	5°27	10°34	10° 9	25°37	n.a.	S 21
M22	21 24 0	18°57'29	16°42	13°49	27°18	21° 7	14° 5	3° 5	25° 6	25° 4	5°27	10°33	10° 6	25°43	n.a.	M22
T 23	21 27 57	19°56'31	29°26	14°19	28°29	21°45	14°17	3° 1	25° 6	25° 3	5°26	10°32	10° 2	25°50	n.a.	T 23
W24	21 31 53	20°55'36	11♉50	14°43	29°40	22°23	14°29	2°56	25° 7	25° 1	5°26	10°32	9°59	25°57	n.a.	W24
T 25	21 35 50	21°54'44	23°59	15° 2	0♎52	23° 1	14°40	2°52	25° 7	25° 0	5°26	10°D32	9°56	26° 3	n.a.	T 25
F 26	21 39 46	22°53'54	5♊57	15°16	2° 3	23°39	14°52	2°48	25° 8	24°59	5°26	10°32	9°53	26°10	n.a.	F 26
S 27	21 43 43	23°53'06	17°49	15°22	3°14	24°16	15° 4	2°44	25° 9	24°57	5°26	10°33	9°50	26°17	n.a.	S 27
S 28	21 47 39	24°52'21	29°39	15°R23	4°25	24°54	15°15	2°39	25° 9	24°56	5°D26	10°34	9°47	26°24	n.a.	S 28
M29	21 51 36	25°51'38	11♋31	15°15	5°37	25°32	15°27	2°35	25°10	24°54	5°26	10°35	9°43	26°30	n.a.	M29
T 30	21 55 33	26°50'57	23°30	15° 1	6°48	26° 9	15°38	2°31	25°11	24°53	5°26	10°37	9°40	26°37	n.a.	T 30
W31	21 59 29	27♌50'19	5♌39	14♍38	7♎59	26♋47	15♋49	2♒27	25♏12	24♑52	5♐26	10°R37	9♒37	26♊44	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	20n48	26n59	3n12	14n 9	0s21	11n42	0n53	24n37	1n 2	23n59	0n32	21s 3	1s43	19s19	0n 1	21s55	0s35	20s23	1n12	17s51	17s41	27n27					n.a.
T 2	20 36	25 12	2 16	13 34	0 29	11 13	0 50	24 35	1 3	23 58	0 33	21 4	1 43	19 19	0 1	21 56	0 35	20 23	1 12	17 51	17 42	27 27					n.a.
W 3	20 23	22 16	1 14	12 59	0 38	10 44	0 48	24 32	1 3	23 57	0 33	21 5	1 43	19 19	0 1	21 56	0 35	20 23	1 12	17 52	17 43	27 27					n.a.
T 4	20 10	18 20	0 7	12 24	0 46	10 15	0 45	24 30	1 3	23 56	0 33	21 6	1 43	19 19	0 1	21 56	0 35	20 23	1 12	17 52	17 44	27 27					n.a.
F 5	19 57	13 35	1s 1	11 49	0 55	9 45	0 42	24 27	1 4	23 56	0 33	21 8	1 43	19 19	0 1	21 57	0 35	20 23	1 12	17 52	17 44	27 26					n.a.
S 6	19 43	8 14	2 6	11 14	1 4	9 15	0 40	24 25	1 4	23 55	0 33	21 9	1 43	19 19	0 1	21 57	0 35	20 23	1 11	17 52	17 45	27 26					n.a.
S 7	19 29	2 28	3 7	10 39	1 12	8 45	0 37	24 22	1 5	23 54	0 33	21 10	1 43	19 19	0 1	21 57	0 35	20 23	1 11	17 51	17 46	27 26					n.a.
M 8	19 15	3s30	4 0	10 5	1 21	8 15	0 34	24 19	1 5	23 53	0 33	21 11	1 43	19 19	0 1	21 58	0 35	20 23	1 11	17 51	17 47	27 25					n.a.
T 9	19 0	9 26	4 41	9 31	1 30	7 44	0 31	24 15	1 5	23 52	0 33	21 12	1 43	19 19	0 1	21 58	0 35	20 24	1 11	17 51	17 48	27 25					n.a.
W10	18 46	15 3	5 8	8 58	1 38	7 14	0 28	24 12	1 6	23 51	0 34	21 14	1 43	19 19	0 1	21 58	0 35	20 24	1 11	17 51	17 49	27 25					n.a.
T 11	18 30	20 3	5 17	8 25	1 47	6 43	0 25	24 8	1 6	23 50	0 34	21 15	1 43	19 19	0 1	21 59	0 35	20 24	1 11	17 51	17 50	27 24					n.a.
F 12	18 15	24 4	5 9	7 53	1 56	6 12	0 22	24 4	1 6	23 49	0 34	21 16	1 43	19 19	0 1	21 59	0 35	20 24	1 11	17 51	17 51	27 24					n.a.
S 13	17 59	26 40	4 41	7 21	2 4	5 40	0 19	24 0	1 7	23 48	0 34	21 17	1 44	19 19	0 1	21 59	0 35	20 24	1 11	17 51	17 52	27 24					n.a.
S 14	17 43	27 32	3 54	6 50	2 13	5 9	0 15	23 56	1 7	23 47	0 34	21 18	1 44	19 19	0 1	21 59	0 35	20 24	1 10	17 51	17 52	27 23					n.a.
M15	17 26	26 26	2 52	6 21	2 21	4 38	0 12	23 52	1 8	23 46	0 34	21 19	1 44	19 19	0 1	22 0	0 35	20 24	1 10	17 51	17 53	27 23					n.a.
T 16	17 9	23 30	1 38	5 52	2 29	4 6	0 9	23 47	1 8	23 45	0 34	21 21	1 44	19 19	0 1	22 0	0 35	20 24	1 10	17 51	17 54	27 23					n.a.
W17	16 52	19 1	0 18	5 24	2 37	3 34	0 6	23 43	1 8	23 44	0 34	21 22	1 44	19 19	0 1	22 0	0 35	20 24	1 10	17 51	17 55	27 22					n.a.
T 18	16 35	13 27	1n 2	4 58	2 45	3 3	0 2	23 38	1 9	23 43	0 35	21 23	1 44	19 19	0 1	22 1	0 35	20 24	1 10	17 51	17 56	27 22					n.a.
F 19	16 17	7 16	2 17	4 33	2 53	2 31	0s 1	23 33	1 9	23 41	0 35	21 24	1 44	19 19	0 1	22 1	0 35	20 24	1 10	17 51	17 57	27 22					n.a.
S 20	15 59	0 54	3 22	4 10	3 0	1 59	0 5	23 27	1 9	23 40	0 35	21 25	1 44	19 19	0 1	22 1	0 35	20 24	1 10	17 51	17 58	27 21					n.a.
S 21	15 41	5n19	4 13	3 49	3 7	1 27	0 8	23 22	1 10	23 39	0 35	21 26	1 44	19 19	0 1	22 2	0 35	20 24	1 9	17 52	17 58	27 21					n.a.
M22	15 22	11 6	4 50	3 30	3 13	0 55	0 12	23 16	1 10	23 38	0 35	21 27	1 44	19 19	0 1	22 2	0 35	20 24	1 9	17 52	17 59	27 20					n.a.
T 23	15 4	16 16	5 11	3 13	3 19	0 23	0 15	23 11	1 10	23 37	0 35	21 28	1 44	19 19	0 1	22 2	0 35	20 24	1 9	17 52	18 0	27 20					n.a.
W24	14 45	20 38	5 17	2 58	3 25	0s 9	0 19	23 5	1 11	23 36	0 35	21 29	1 44	19 19	0 1	22 2	0 35	20 25	1 9	17 52	18 1	27 20					n.a.
T 25	14 25	24 2	5 8	2 46	3 29	0 41	0 22	22 59	1 11	23 35	0 36	21 30	1 44	19 19	0 1	22 3	0 35	20 25	1 9	17 52	18 2	27 19					n.a.
F 26	14 6	26 20	4 46	2 38	3 33	1 13	0 26	22 53	1 11	23 34	0 36	21 31	1 44	19 20	0 1	22 3	0 35	20 25	1 9	17 52	18 3	27 19					n.a.
S 27	13 46	27 26	4 12	2 32	3 36	1 46	0 30	22 46	1 12	23 32	0 36	21 32	1 44	19 20	0 1	22 3	0 35	20 25	1 9	17 52	18 4	27 18					n.a.
S 28	13 26	27 16	3 28	2 30	3 38	2 18	0 33	22 40	1 12	23 31	0 36	21 33	1 44	19 20	0 1	22 3	0 35	20 25	1 9	17 52	18 5	27 18					n.a.
M29	13 6	25 52	2 34	2 32	3 39	2 50	0 37	22 33	1 12	23 30	0 36	21 34	1 44	19 20	0 1	22 4	0 35	20 25	1 8	17 51	18 5	27 17					n.a.
T 30	12 45	23 16	1 33	2 38	3 39	3 22	0 41	22 26	1 13	23 29	0 36	21 35	1 44	19 20	0 1	22 4	0 35	20 25	1 8	17 51	18 6	27 17					n.a.
W31	12n25	19n36	0n27	2n48	3s37	3s53	0s44	22n19	1n13	23n28	0n37	21s36	1s44	19s21	0n 1	22s 4	0s35	20s25	1n 8	17s51	18s 7	27n17					n.a.

Julian Day Number = 1373917.5, Delta T = 06h48m16s
Ecliptic obliquity = 23°48'38, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°12'40, Lahiri = -17°05'39 Julian Calendar 1 Aug. 952 BCE == Greg. Calendar 23 July 952 BCE

The year -951 astronomical counting style corresponds to year 952 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 952 BCE
geocentric

SEPTEMBER 952 BCE (-951) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 3 26	28♌49'43	18♌ 0	14°R 8	9♎10	27♋25	16♋ 1	2°R23	25♏13	24°R50	5♐26	10°R37	9♒34	26♊50	n.a.	T 1
F 2	22 7 22	29°49'10	0♍34	13♍29	10°20	28° 3	16°12	2♒20	25°13	24♑49	5°27	10♒36	9°31	26°57	n.a.	F 2
S 3	22 11 19	0♍48'38	13°22	12°43	11°31	28°40	16°23	2°16	25°14	24°48	5°27	10°34	9°27	27° 4	n.a.	S 3
S 4	22 15 15	1°48'09	26°26	11°49	12°42	29°18	16°34	2°12	25°16	24°47	5°27	10°31	9°24	27°10	n.a.	S 4
M 5	22 19 12	2°47'41	9♎43	10°49	13°53	29°56	16°45	2° 8	25°17	24°45	5°27	10°28	9°21	27°17	n.a.	M 5
T 6	22 23 8	3°47'16	23°13	9°43	15° 3	0♌33	16°56	2° 5	25°18	24°44	5°27	10°25	9°18	27°24	n.a.	T 6
W 7	22 27 5	4°46'52	6♏54	8°33	16°14	1°11	17° 7	2° 1	25°19	24°43	5°28	10°22	9°15	27°30	n.a.	W 7
T 8	22 31 1	5°46'31	20°47	7°20	17°24	1°48	17°17	1°58	25°20	24°42	5°28	10°20	9°12	27°37	n.a.	T 8
F 9	22 34 58	6°46'11	4♐48	6° 7	18°35	2°26	17°28	1°54	25°22	24°41	5°28	10°D19	9° 8	27°44	n.a.	F 9
S 10	22 38 55	7°45'53	18°58	4°56	19°45	3° 4	17°39	1°51	25°23	24°40	5°29	10°19	9° 5	27°50	n.a.	S 10
S 11	22 42 51	8°45'37	3♑13	3°48	20°55	3°41	17°49	1°48	25°24	24°39	5°29	10°21	9° 2	27°57	n.a.	S 11
M12	22 46 48	9°45'23	17°33	2°46	22° 6	4°19	17°59	1°45	25°26	24°38	5°30	10°22	8°59	28° 4	n.a.	M12
T 13	22 50 44	10°45'11	1♒53	1°51	23°16	4°56	18°10	1°41	25°27	24°36	5°30	10°23	8°56	28°10	n.a.	T 13
W14	22 54 41	11°45'00	16°11	1° 6	24°26	5°34	18°20	1°38	25°29	24°35	5°31	10°R23	8°52	28°17	n.a.	W14
T 15	22 58 37	12°44'52	0♓21	0°30	25°36	6°11	18°30	1°36	25°30	24°35	5°31	10°22	8°49	28°24	n.a.	T 15
F 16	23 2 34	13°44'45	14°20	0° 6	26°45	6°49	18°40	1°33	25°32	24°34	5°32	10°19	8°46	28°30	n.a.	F 16
S 17	23 6 30	14°44'41	28° 4	29♌52	27°55	7°26	18°50	1°30	25°34	24°33	5°32	10°14	8°43	28°37	n.a.	S 17
S 18	23 10 27	15°44'38	11♈28	29°D51	29° 5	8° 4	18°59	1°27	25°35	24°32	5°33	10° 8	8°40	28°44	n.a.	S 18
M19	23 14 23	16°44'38	24°33	29°59	0♏14	8°41	19° 9	1°25	25°37	24°31	5°34	10° 2	8°37	28°50	n.a.	M19
T 20	23 18 20	17°44'40	7♉18	0♍20	1°24	9°19	19°19	1°22	25°39	24°30	5°34	9°56	8°33	28°57	n.a.	T 20
W21	23 22 17	18°44'44	19°44	0°50	2°33	9°56	19°28	1°20	25°41	24°29	5°35	9°51	8°30	29° 4	n.a.	W21
T 22	23 26 13	19°44'51	1♊54	1°29	3°42	10°34	19°37	1°18	25°43	24°28	5°36	9°47	8°27	29°11	n.a.	T 22
F 23	23 30 10	20°45'00	13°52	2°16	4°51	11°11	19°47	1°15	25°45	24°28	5°37	9°45	8°24	29°17	n.a.	F 23
S 24	23 34 6	21°45'11	25°44	3°11	6° 0	11°49	19°56	1°13	25°47	24°27	5°38	9°D45	8°21	29°24	n.a.	S 24
S 25	23 38 3	22°45'24	7♋34	4°12	7° 9	12°26	20° 5	1°11	25°49	24°26	5°38	9°46	8°18	29°31	n.a.	S 25
M26	23 41 59	23°45'39	19°27	5°19	8°18	13° 4	20°14	1° 9	25°51	24°26	5°39	9°48	8°14	29°37	n.a.	M26
T 27	23 45 56	24°45'57	1♌28	6°31	9°27	13°41	20°23	1° 7	25°53	24°25	5°40	9°49	8°11	29°44	n.a.	T 27
W28	23 49 52	25°46'17	13°42	7°48	10°35	14°18	20°31	1° 6	25°55	24°24	5°41	9°R49	8° 8	29°51	n.a.	W28
T 29	23 53 49	26°46'38	26°12	9° 8	11°44	14°56	20°40	1° 4	25°58	24°24	5°42	9°48	8° 5	29°57	n.a.	T 29
F 30	23 57 46	27♍47'02	9♍ 1	10♍31	12♏52	15♌33	20♋48	1♒ 3	26♏ 0	24♑23	5♐43	9♒44	8♒ 2	0♋ 4	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n 4	15n 2	0s41	3n 3	3s34	4s25	0s48	22n12	1n13	23n26	0n37	21s37	1s44	19s21	0n 1	22s 4	0s35	20s26	1n 8	17s51	18s 8	27n16		n.a.
F 2	11 43	9 46	1 48	3 23	3 29	4 57	0 52	22 5	1 14	23 25	0 37	21 38	1 44	19 21	0 1	22 5	0 35	20 26	1 8	17 51	18 9	27 16		n.a.
S 3	11 21	4 1	2 51	3 47	3 22	5 29	0 56	21 57	1 14	23 24	0 37	21 39	1 44	19 21	0 1	22 5	0 35	20 26	1 8	17 52	18 10	27 15		n.a.
S 4	11 0	2s 0	3 46	4 16	3 13	6 0	0 59	21 50	1 14	23 23	0 37	21 40	1 44	19 22	0 1	22 5	0 35	20 26	1 8	17 52	18 11	27 15		n.a.
M 5	10 38	8 2	4 30	4 49	3 2	6 32	1 3	21 42	1 15	23 22	0 37	21 40	1 44	19 22	0 1	22 5	0 35	20 26	1 7	17 53	18 11	27 14		n.a.
T 6	10 16	13 47	5 0	5 26	2 49	7 3	1 7	21 34	1 15	23 20	0 38	21 41	1 44	19 22	0 1	22 6	0 35	20 26	1 7	17 54	18 12	27 14		n.a.
W 7	9 54	18 57	5 13	6 6	2 35	7 34	1 11	21 26	1 15	23 19	0 38	21 42	1 44	19 22	0 1	22 6	0 35	20 27	1 7	17 55	18 13	27 13		n.a.
T 8	9 32	23 11	5 9	6 49	2 18	8 5	1 15	21 18	1 16	23 18	0 38	21 43	1 44	19 23	0 1	22 6	0 35	20 27	1 7	17 56	18 14	27 12		n.a.
F 9	9 10	26 6	4 46	7 33	2 0	8 36	1 18	21 9	1 16	23 17	0 38	21 44	1 44	19 23	0 1	22 6	0 35	20 27	1 7	17 56	18 15	27 12		n.a.
S 10	8 47	27 25	4 6	8 17	1 41	9 6	1 22	21 1	1 16	23 16	0 38	21 44	1 44	19 23	0 1	22 6	0 35	20 27	1 7	17 56	18 16	27 11		n.a.
S 11	8 25	26 56	3 10	9 1	1 21	9 37	1 26	20 52	1 17	23 14	0 38	21 45	1 44	19 24	0 1	22 7	0 35	20 27	1 7	17 55	18 17	27 11		n.a.
M12	8 2	24 39	2 2	9 43	1 1	10 7	1 29	20 44	1 17	23 13	0 39	21 46	1 44	19 24	0 1	22 7	0 35	20 28	1 7	17 55	18 17	27 10		n.a.
T 13	7 39	20 48	0 46	10 21	0 40	10 37	1 33	20 35	1 17	23 12	0 39	21 46	1 44	19 25	0 1	22 7	0 35	20 28	1 6	17 55	18 18	27 10		n.a.
W14	7 16	15 44	0n32	10 57	0 20	11 6	1 37	20 26	1 18	23 11	0 39	21 47	1 44	19 25	0 1	22 7	0 35	20 28	1 6	17 55	18 19	27 9		n.a.
T 15	6 53	9 51	1 47	11 27	0 1	11 36	1 41	20 16	1 18	23 9	0 39	21 48	1 43	19 25	0 1	22 7	0 35	20 28	1 6	17 55	18 20	27 9		n.a.
F 16	6 29	3 35	2 55	11 53	0n18	12 5	1 44	20 7	1 18	23 8	0 39	21 48	1 43	19 26	0 1	22 7	0 35	20 29	1 6	17 56	18 21	27 8		n.a.
S 17	6 6	2n44	3 51	12 14	0 35	12 34	1 48	19 58	1 19	23 7	0 40	21 49	1 43	19 26	0 1	22 8	0 35	20 29	1 6	17 57	18 22	27 7		n.a.
S 18	5 42	8 47	4 33	12 29	0 50	13 3	1 51	19 48	1 19	23 6	0 40	21 49	1 43	19 27	0 1	22 8	0 35	20 29	1 6	17 59	18 23	27 7		n.a.
M19	5 19	14 17	4 59	12 39	1 5	13 31	1 55	19 39	1 19	23 5	0 40	21 50	1 43	19 27	0 1	22 8	0 35	20 29	1 6	18 0	18 23	27 6		n.a.
T 20	4 55	19 2	5 10	12 44	1 17	13 59	1 58	19 29	1 20	23 3	0 40	21 50	1 43	19 27	0 1	22 8	0 35	20 30	1 6	18 2	18 24	27 5		n.a.
W21	4 31	22 50	5 6	12 43	1 28	14 27	2 2	19 19	1 20	23 2	0 40	21 51	1 43	19 28	0 1	22 8	0 35	20 30	1 5	18 3	18 25	27 5		n.a.
T 22	4 7	25 33	4 48	12 38	1 38	14 54	2 5	19 9	1 20	23 1	0 40	21 51	1 43	19 28	0 1	22 8	0 35	20 30	1 5	18 4	18 26	27 4		n.a.
F 23	3 43	27 5	4 17	12 28	1 46	15 21	2 9	18 59	1 21	23 0	0 41	21 52	1 43	19 29	0 1	22 8	0 35	20 30	1 5	18 5	18 27	27 4		n.a.
S 24	3 19	27 21	3 36	12 14	1 53	15 48	2 12	18 48	1 21	22 59	0 41	21 52	1 43	19 29	0 1	22 9	0 35	20 31	1 5	18 5	18 28	27 3		n.a.
S 25	2 55	26 21	2 46	11 57	1 58	16 14	2 15	18 38	1 21	22 58	0 41	21 52	1 43	19 30	0 1	22 9	0 35	20 31	1 5	18 5	18 28	27 2		n.a.
M26	2 31	24 10	1 48	11 35	2 2	16 40	2 19	18 27	1 21	22 56	0 41	21 53	1 43	19 30	0 1	22 9	0 35	20 31	1 5	18 4	18 29	27 2		n.a.
T 27	2 7	20 53	0 45	11 11	2 5	17 6	2 22	18 17	1 22	22 55	0 41	21 53	1 43	19 31	0 1	22 9	0 35	20 31	1 5	18 4	18 30	27 1		n.a.
W28	1 42	16 38	0s21	10 44	2 7	17 31	2 25	18 6	1 22	22 54	0 42	21 53	1 43	19 31	0 1	22 9	0 35	20 32	1 5	18 4	18 31	27 0		n.a.
T 29	1 18	11 37	1 27	10 14	2 8	17 56	2 28	17 55	1 22	22 53	0 42	21 54	1 42	19 32	0 1	22 9	0 35	20 32	1 4	18 4	18 32	27 0		n.a.
F 30	0n54	5n59	2s31	9n42	2n 8	18s20	2s31	17n44	1n23	22n52	0n42	21s54	1s42	19s33	0n 1	22s 9	0s35	20s32	1n 4	18s 5	18s33	26n59		n.a.

Julian Day Number = 1373948.5, Delta T = 06h48m15s
Ecliptic obliquity = 23°48'38, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°12'35, Lahiri = -17°05'35 Julian Calendar 1 Sept. 952 BCE == Greg. Calendar 23 Aug. 952 BCE

The year -951 astronomical counting style corresponds to year 952 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 952 BCE
geocentric

OCTOBER 952 BCE (-951) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 1 42	28♍47'27	22♍10	11♍57	14♏ 0	16♌10	20♋56	1°R 1	26♏ 2	24°R23	5♐44	9°R38	7♒58	0♋11	n.a.	S 1
S 2	0 5 39	29°47'55	5♎38	13°25	15° 8	16°48	21° 5	1♒ 0	26° 4	24♑22	5°45	9♒31	7°55	0°17	n.a.	S 2
M 3	0 9 35	0♎48'24	19°22	14°55	16°16	17°25	21°13	0°59	26° 7	24°22	5°46	9°22	7°52	0°24	n.a.	M 3
T 4	0 13 32	1°48'55	3♏19	16°26	17°24	18° 2	21°21	0°58	26° 9	24°21	5°47	9°13	7°49	0°31	n.a.	T 4
W 5	0 17 28	2°49'27	17°26	17°59	18°32	18°40	21°28	0°57	26°12	24°21	5°48	9° 5	7°46	0°37	n.a.	W 5
T 6	0 21 25	3°50'01	1♐36	19°32	19°39	19°17	21°36	0°56	26°14	24°21	5°49	8°58	7°43	0°44	n.a.	T 6
F 7	0 25 21	4°50'37	15°48	21° 6	20°46	19°54	21°43	0°55	26°17	24°20	5°51	8°54	7°39	0°51	n.a.	F 7
S 8	0 29 18	5°51'14	29°58	22°41	21°53	20°32	21°51	0°54	26°19	24°20	5°52	8°D53	7°36	0°57	n.a.	S 8
S 9	0 33 15	6°51'52	14♑ 4	24°16	23° 0	21° 9	21°58	0°54	26°22	24°20	5°53	8°53	7°33	1° 4	n.a.	S 9
M10	0 37 11	7°52'32	28° 6	25°52	24° 7	21°46	22° 5	0°53	26°25	24°20	5°54	8°53	7°30	1°11	n.a.	M10
T 11	0 41 8	8°53'12	12♒ 2	27°27	25°14	22°23	22°12	0°53	26°27	24°20	5°56	8°R54	7°27	1°17	n.a.	T 11
W12	0 45 4	9°53'54	25°53	29° 3	26°20	23° 0	22°19	0°52	26°30	24°19	5°57	8°52	7°24	1°24	n.a.	W12
T 13	0 49 1	10°54'38	9♓36	0♎39	27°26	23°37	22°26	0°52	26°33	24°19	5°58	8°49	7°20	1°31	n.a.	T 13
F 14	0 52 57	11°55'22	23°10	2°15	28°32	24°15	22°32	0°D52	26°36	24°19	6° 0	8°42	7°17	1°37	n.a.	F 14
S 15	0 56 54	12°56'08	6♈32	3°51	29°38	24°52	22°38	0°52	26°38	24°19	6° 1	8°33	7°14	1°44	n.a.	S 15
S 16	1 0 50	13°56'55	19°41	5°26	0♐43	25°29	22°45	0°53	26°41	24°D19	6° 2	8°22	7°11	1°51	n.a.	S 16
M17	1 4 47	14°57'44	2♉35	7° 2	1°49	26° 6	22°51	0°53	26°44	24°19	6° 4	8° 9	7° 8	1°57	n.a.	M17
T 18	1 8 44	15°58'35	15°13	8°38	2°54	26°43	22°56	0°53	26°47	24°19	6° 5	7°57	7° 4	2° 4	n.a.	T 18
W19	1 12 40	16°59'27	27°35	10°13	3°58	27°20	23° 2	0°54	26°50	24°19	6° 7	7°46	7° 1	2°11	n.a.	W19
T 20	1 16 37	18° 0'20	9♊44	11°48	5° 3	27°57	23° 8	0°54	26°53	24°20	6° 8	7°38	6°58	2°17	n.a.	T 20
F 21	1 20 33	19° 1'15	21°41	13°23	6° 7	28°34	23°13	0°55	26°56	24°20	6°10	7°31	6°55	2°24	n.a.	F 21
S 22	1 24 30	20° 2'11	3♋32	14°59	7°11	29°11	23°18	0°56	26°59	24°20	6°11	7°28	6°52	2°31	n.a.	S 22
S 23	1 28 26	21° 3'09	15°20	16°33	8°15	29°48	23°24	0°57	27° 2	24°20	6°13	7°26	6°49	2°37	n.a.	S 23
M24	1 32 23	22° 4'09	27°11	18° 8	9°18	0♍25	23°28	0°58	27° 5	24°20	6°14	7°D26	6°45	2°44	n.a.	M24
T 25	1 36 19	23° 5'10	9♌11	19°43	10°22	1° 2	23°33	0°59	27° 8	24°21	6°16	7°R27	6°42	2°51	n.a.	T 25
W26	1 40 16	24° 6'12	21°26	21°18	11°24	1°39	23°38	1° 0	27°11	24°21	6°17	7°26	6°39	2°57	n.a.	W26
T 27	1 44 13	25° 7'15	3♍59	22°52	12°27	2°16	23°42	1° 2	27°15	24°22	6°19	7°23	6°36	3° 4	n.a.	T 27
F 28	1 48 9	26° 8'20	16°55	24°27	13°29	2°53	23°46	1° 3	27°18	24°22	6°21	7°18	6°33	3°11	n.a.	F 28
S 29	1 52 6	27° 9'26	0♎16	26° 1	14°31	3°30	23°51	1° 5	27°21	24°22	6°22	7°10	6°29	3°17	n.a.	S 29
S 30	1 56 2	28°10'32	14° 2	27°36	15°33	4° 6	23°54	1° 6	27°24	24°23	6°24	6°59	6°26	3°24	n.a.	S 30
M31	1 59 59	29♎11'41	28♎10	29♎10	16♐34	4♍43	23♋58	1♒ 8	27♏27	24♑23	6♐26	6♒47	6♒23	3♋31	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n29	0s 1	3s28	9n 8	2n 7	18s44	2s34	17n33	1n23	22n51	0n42	21s54	1s42	19s33	0n 1	22s 9	0s35	20s33	1n 4	18s 7	18s33	26n58		n.a.
S 2	0 5	6 9	4 15	8 33	2 6	19 7	2 37	17 22	1 23	22 50	0 43	21 54	1 42	19 34	0 1	22 9	0 35	20 33	1 4	18 9	18 34	26 57		n.a.
M 3	0s20	12 7	4 48	7 55	2 4	19 30	2 40	17 11	1 24	22 49	0 43	21 55	1 42	19 34	0 1	22 9	0 35	20 33	1 4	18 11	18 35	26 57		n.a.
T 4	0 44	17 34	5 4	7 17	2 1	19 53	2 42	16 59	1 24	22 48	0 43	21 55	1 42	19 35	0 1	22 10	0 35	20 34	1 4	18 14	18 36	26 56		n.a.
W 5	1 8	22 7	5 3	6 37	1 58	20 15	2 45	16 48	1 24	22 47	0 43	21 55	1 42	19 35	0 1	22 10	0 35	20 34	1 4	18 16	18 37	26 55		n.a.
T 6	1 33	25 24	4 43	5 57	1 54	20 36	2 48	16 36	1 24	22 46	0 43	21 55	1 42	19 36	0 1	22 10	0 35	20 34	1 4	18 18	18 38	26 55		n.a.
F 7	1 57	27 6	4 5	5 16	1 50	20 57	2 50	16 25	1 25	22 45	0 44	21 55	1 42	19 37	0 1	22 10	0 35	20 34	1 3	18 19	18 38	26 54		n.a.
S 8	2 22	27 1	3 13	4 33	1 46	21 18	2 53	16 13	1 25	22 44	0 44	21 55	1 42	19 37	0 1	22 10	0 35	20 35	1 3	18 19	18 39	26 53		n.a.
S 9	2 46	25 11	2 9	3 51	1 41	21 38	2 55	16 1	1 25	22 43	0 44	21 55	1 42	19 38	0 1	22 10	0 35	20 35	1 3	18 19	18 40	26 52		n.a.
M10	3 10	21 48	0 57	3 8	1 36	21 57	2 57	15 49	1 26	22 42	0 44	21 55	1 41	19 39	0 1	22 10	0 35	20 35	1 3	18 19	18 41	26 51		n.a.
T 11	3 35	17 11	0n17	2 24	1 30	22 16	2 59	15 37	1 26	22 41	0 44	21 55	1 41	19 39	0 1	22 10	0 35	20 36	1 3	18 19	18 42	26 51		n.a.
W12	3 59	11 41	1 29	1 41	1 25	22 34	3 1	15 25	1 26	22 40	0 45	21 55	1 41	19 40	0 1	22 10	0 35	20 36	1 3	18 19	18 43	26 50		n.a.
T 13	4 23	5 41	2 36	0 57	1 19	22 52	3 3	15 13	1 26	22 39	0 45	21 55	1 41	19 40	0 1	22 10	0 35	20 37	1 3	18 20	18 43	26 49		n.a.
F 14	4 47	0n30	3 33	0 13	1 13	23 9	3 5	15 0	1 27	22 38	0 45	21 55	1 41	19 41	0 1	22 10	0 35	20 37	1 3	18 22	18 44	26 48		n.a.
S 15	5 11	6 33	4 17	0s32	1 7	23 25	3 7	14 48	1 27	22 37	0 45	21 55	1 41	19 42	0 1	22 10	0 35	20 37	1 2	18 24	18 45	26 48		n.a.
S 16	5 35	12 13	4 47	1 16	1 1	23 41	3 8	14 36	1 27	22 37	0 46	21 55	1 41	19 42	0 1	22 10	0 35	20 38	1 2	18 27	18 46	26 47		n.a.
M17	5 59	17 15	5 1	2 0	0 55	23 56	3 10	14 23	1 28	22 36	0 46	21 55	1 41	19 43	0 1	22 10	0 35	20 38	1 2	18 31	18 47	26 46		n.a.
T 18	6 23	21 25	5 0	2 44	0 48	24 11	3 11	14 10	1 28	22 35	0 46	21 54	1 41	19 44	0 1	22 10	0 35	20 38	1 2	18 34	18 47	26 45		n.a.
W19	6 46	24 32	4 45	3 28	0 42	24 25	3 12	13 58	1 28	22 34	0 46	21 54	1 41	19 45	0 1	22 10	0 35	20 39	1 2	18 37	18 48	26 44		n.a.
T 20	7 10	26 29	4 17	4 12	0 35	24 38	3 14	13 45	1 28	22 34	0 47	21 54	1 40	19 45	0 1	22 10	0 35	20 39	1 2	18 39	18 49	26 43		n.a.
F 21	7 34	27 10	3 38	4 56	0 29	24 51	3 15	13 32	1 29	22 33	0 47	21 54	1 40	19 46	0 0	22 10	0 35	20 39	1 2	18 40	18 50	26 43		n.a.
S 22	7 57	26 35	2 50	5 39	0 22	25 3	3 15	13 19	1 29	22 32	0 47	21 53	1 40	19 47	0 0	22 10	0 35	20 40	1 2	18 41	18 51	26 42		n.a.
S 23	8 20	24 49	1 55	6 22	0 15	25 15	3 16	13 6	1 29	22 32	0 47	21 53	1 40	19 47	0 0	22 10	0 35	20 40	1 1	18 42	18 51	26 41		n.a.
M24	8 43	21 56	0 54	7 5	0 9	25 26	3 17	12 53	1 29	22 31	0 48	21 53	1 40	19 48	0 0	22 10	0 35	20 41	1 1	18 42	18 52	26 40		n.a.
T 25	9 6	18 5	0s 9	7 48	0 2	25 36	3 17	12 40	1 30	22 30	0 48	21 52	1 40	19 49	0 0	22 9	0 35	20 41	1 1	18 42	18 53	26 39		n.a.
W26	9 29	13 25	1 13	8 30	0s 4	25 45	3 18	12 27	1 30	22 30	0 48	21 52	1 40	19 50	0 0	22 9	0 35	20 41	1 1	18 42	18 54	26 38		n.a.
T 27	9 52	8 6	2 16	9 12	0 11	25 54	3 18	12 14	1 30	22 29	0 48	21 52	1 40	19 50	0 0	22 9	0 35	20 42	1 1	18 43	18 55	26 37		n.a.
F 28	10 15	2 18	3 13	9 53	0 17	26 2	3 18	12 0	1 30	22 29	0 49	21 51	1 40	19 51	0 0	22 9	0 35	20 42	1 1	18 44	18 56	26 36		n.a.
S 29	10 37	3s47	4 1	10 34	0 24	26 10	3 18	11 47	1 31	22 28	0 49	21 51	1 39	19 52	0 0	22 9	0 35	20 43	1 1	18 46	18 56	26 35		n.a.
S 30	10 59	9 51	4 37	11 15	0 30	26 17	3 17	11 34	1 31	22 28	0 49	21 50	1 39	19 53	0 0	22 9	0 35	20 43	1 1	18 49	18 57	26 35		n.a.
M31	11s21	15s35	4s57	11s55	0s36	26s23	3s17	11n20	1n31	22n27	0n49	21s50	1s39	19s53	0n 0	22s 9	0s35	20s43	1n 1	18s52	18s58	26n34		n.a.

Julian Day Number = 1373978.5, Delta T = 06h48m13s
Ecliptic obliquity = 23°48'38, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°12'31, Lahiri = -17°05'31 Julian Calendar 1 Oct. 952 BCE == Greg. Calendar 22 Sept. 952 BCE

The year -951 astronomical counting style corresponds to year 952 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 952 BCE
geocentric

NOVEMBER 952 BCE (-951) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 3 55	0♏12'49	12♏35	0♏44	17♐34	5♍20	24♋ 2	1♒10	27♏31	24♑24	6♐27	6°R34	6♒20	3♋37	n.a.	T 1
W 2	2 7 52	1°13'59	27°10	2°19	18°35	5°57	24° 5	1°12	27°34	24°25	6°29	6♒22	6°17	3°44	n.a.	W 2
T 3	2 11 48	2°15'10	11♐48	3°53	19°35	6°34	24° 8	1°14	27°37	24°25	6°31	6°13	6°14	3°51	n.a.	T 3
F 4	2 15 45	3°16'21	26°21	5°28	20°34	7°10	24°11	1°16	27°41	24°26	6°33	6° 7	6°10	3°57	n.a.	F 4
S 5	2 19 42	4°17'33	10♑46	7° 2	21°33	7°47	24°14	1°19	27°44	24°27	6°35	6° 3	6° 7	4° 4	n.a.	S 5
S 6	2 23 38	5°18'45	24°58	8°37	22°32	8°24	24°17	1°21	27°48	24°27	6°36	6° 2	6° 4	4°11	n.a.	S 6
M 7	2 27 35	6°19'57	8♒56	10°11	23°30	9° 0	24°19	1°24	27°51	24°28	6°38	6° 2	6° 1	4°17	n.a.	M 7
T 8	2 31 31	7°21'10	22°41	11°46	24°27	9°37	24°21	1°26	27°54	24°29	6°40	6° 2	5°58	4°24	n.a.	T 8
W 9	2 35 28	8°22'23	6♓14	13°21	25°24	10°13	24°23	1°29	27°58	24°30	6°42	5°59	5°55	4°31	n.a.	W 9
T 10	2 39 24	9°23'36	19°34	14°56	26°21	10°50	24°25	1°32	28° 1	24°30	6°44	5°55	5°51	4°37	n.a.	T 10
F 11	2 43 21	10°24'50	2♈44	16°31	27°17	11°26	24°27	1°35	28° 5	24°31	6°46	5°47	5°48	4°44	n.a.	F 11
S 12	2 47 17	11°26'04	15°44	18° 6	28°12	12° 3	24°28	1°38	28° 8	24°32	6°47	5°36	5°45	4°51	n.a.	S 12
S 13	2 51 14	12°27'18	28°32	19°42	29° 7	12°39	24°29	1°41	28°12	24°33	6°49	5°23	5°42	4°57	n.a.	S 13
M14	2 55 11	13°28'32	11♉ 8	21°17	0♑ 1	13°16	24°31	1°44	28°15	24°34	6°51	5° 9	5°39	5° 4	n.a.	M14
T 15	2 59 7	14°29'47	23°33	22°53	0°54	13°52	24°31	1°47	28°19	24°35	6°53	4°55	5°35	5°11	n.a.	T 15
W16	3 3 4	15°31'03	5♊47	24°28	1°47	14°29	24°32	1°51	28°22	24°36	6°55	4°42	5°32	5°17	n.a.	W16
T 17	3 7 0	16°32'18	17°50	26° 4	2°39	15° 5	24°33	1°54	28°26	24°37	6°57	4°31	5°29	5°24	n.a.	T 17
F 18	3 10 57	17°33'34	29°44	27°40	3°30	15°41	24°33	1°58	28°29	24°38	6°59	4°24	5°26	5°31	n.a.	F 18
S 19	3 14 53	18°34'51	11♋33	29°16	4°20	16°18	24°R33	2° 1	28°33	24°40	7° 1	4°19	5°23	5°37	n.a.	S 19
S 20	3 18 50	19°36'08	23°20	0♐52	5°10	16°54	24°33	2° 5	28°36	24°41	7° 3	4°16	5°20	5°44	n.a.	S 20
M21	3 22 47	20°37'25	5♌ 9	2°28	5°59	17°30	24°33	2° 9	28°40	24°42	7° 5	4°D16	5°16	5°51	n.a.	M21
T 22	3 26 43	21°38'42	17° 7	4° 4	6°46	18° 6	24°32	2°13	28°44	24°43	7° 7	4°R16	5°13	5°57	n.a.	T 22
W23	3 30 40	22°40'00	29°18	5°39	7°33	18°42	24°32	2°17	28°47	24°45	7° 9	4°16	5°10	6° 4	n.a.	W23
T 24	3 34 36	23°41'18	11♍48	7°14	8°19	19°18	24°31	2°21	28°51	24°46	7°11	4°14	5° 7	6°11	n.a.	T 24
F 25	3 38 33	24°42'36	24°42	8°49	9° 4	19°54	24°30	2°25	28°54	24°47	7°13	4°11	5° 4	6°17	n.a.	F 25
S 26	3 42 29	25°43'55	8♎ 3	10°24	9°48	20°30	24°29	2°30	28°58	24°48	7°15	4° 4	5° 1	6°24	n.a.	S 26
S 27	3 46 26	26°45'13	21°53	11°57	10°31	21° 6	24°27	2°34	29° 2	24°50	7°17	3°55	4°57	6°31	n.a.	S 27
M28	3 50 22	27°46'32	6♏11	13°30	11°13	21°42	24°25	2°38	29° 5	24°51	7°19	3°45	4°54	6°37	n.a.	M28
T 29	3 54 19	28°47'50	20°52	15° 2	11°53	22°18	24°24	2°43	29° 9	24°53	7°21	3°34	4°51	6°44	n.a.	T 29
W30	3 58 16	29♏49'09	5♐49	16♐32	12♑33	22♍54	24♋22	2♒48	29♏12	24♑54	7♐23	3♒24	4♒48	6♋51	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s43	20s35	4s59	12s34	0s42	26s28	3s16	11n 7	1n31	22n27	0n50	21s49	1s39	19s54	0n 0	22s 9	0s35	20s44	1n 0	18s55	18s59	26n33		n.a.
W 2	12 5	24 23	4 41	13 13	0 48	26 33	3 15	10 53	1 32	22 27	0 50	21 49	1 39	19 55	0 0	22 9	0 35	20 44	1 0	18 58	19 0	26 32		n.a.
T 3	12 26	26 36	4 5	13 52	0 54	26 37	3 14	10 40	1 32	22 26	0 50	21 48	1 39	19 56	0 0	22 9	0 35	20 45	1 0	19 0	19 0	26 31		n.a.
F 4	12 48	26 59	3 13	14 29	1 0	26 41	3 13	10 26	1 32	22 26	0 50	21 47	1 39	19 57	0 0	22 8	0 35	20 45	1 0	19 2	19 1	26 30		n.a.
S 5	13 9	25 31	2 9	15 7	1 6	26 44	3 12	10 12	1 32	22 26	0 51	21 47	1 39	19 57	0 0	22 8	0 35	20 45	1 0	19 3	19 2	26 29		n.a.
S 6	13 30	22 25	0 58	15 43	1 11	26 46	3 10	9 59	1 33	22 26	0 51	21 46	1 39	19 58	0 0	22 8	0 35	20 46	1 0	19 3	19 3	26 28		n.a.
M 7	13 50	18 3	0n15	16 19	1 17	26 47	3 9	9 45	1 33	22 26	0 51	21 45	1 38	19 59	0 0	22 8	0 35	20 46	1 0	19 3	19 4	26 27		n.a.
T 8	14 11	12 48	1 27	16 54	1 22	26 48	3 7	9 31	1 33	22 25	0 51	21 45	1 38	20 0	0 0	22 8	0 35	20 47	1 0	19 3	19 4	26 26		n.a.
W 9	14 31	7 1	2 32	17 28	1 27	26 48	3 5	9 17	1 33	22 25	0 52	21 44	1 38	20 0	0 0	22 8	0 35	20 47	1 0	19 4	19 5	26 25		n.a.
T 10	14 51	1 0	3 28	18 2	1 32	26 48	3 3	9 3	1 34	22 25	0 52	21 43	1 38	20 1	0 0	22 8	0 35	20 48	0 59	19 5	19 6	26 24		n.a.
F 11	15 10	4n57	4 12	18 34	1 36	26 47	3 0	8 49	1 34	22 25	0 52	21 43	1 38	20 2	0 0	22 7	0 35	20 48	0 59	19 7	19 7	26 23		n.a.
S 12	15 30	10 36	4 42	19 6	1 41	26 45	2 57	8 35	1 34	22 25	0 53	21 42	1 38	20 3	0 0	22 7	0 35	20 48	0 59	19 10	19 8	26 22		n.a.
S 13	15 49	15 44	4 58	19 37	1 45	26 43	2 54	8 22	1 34	22 25	0 53	21 41	1 38	20 4	0 0	22 7	0 35	20 49	0 59	19 13	19 8	26 21		n.a.
M14	16 8	20 7	4 58	20 7	1 49	26 40	2 51	8 8	1 34	22 25	0 53	21 40	1 38	20 4	0 0	22 7	0 35	20 49	0 59	19 16	19 9	26 20		n.a.
T 15	16 26	23 32	4 44	20 35	1 52	26 36	2 48	7 53	1 35	22 25	0 53	21 39	1 38	20 5	0 0	22 7	0 35	20 50	0 59	19 20	19 10	26 19		n.a.
W16	16 44	25 50	4 18	21 3	1 56	26 32	2 44	7 39	1 35	22 26	0 54	21 38	1 38	20 6	0 0	22 7	0 35	20 50	0 59	19 23	19 11	26 18		n.a.
T 17	17 2	26 53	3 40	21 30	1 59	26 28	2 41	7 25	1 35	22 26	0 54	21 38	1 37	20 7	0 0	22 6	0 35	20 51	0 59	19 26	19 11	26 17		n.a.
F 18	17 20	26 41	2 52	21 55	2 2	26 22	2 37	7 11	1 35	22 26	0 54	21 37	1 37	20 8	0 0	22 6	0 35	20 51	0 59	19 28	19 12	26 16		n.a.
S 19	17 37	25 15	1 57	22 19	2 4	26 16	2 32	6 57	1 35	22 26	0 54	21 36	1 37	20 8	0 0	22 6	0 35	20 51	0 59	19 29	19 13	26 15		n.a.
S 20	17 54	22 43	0 58	22 42	2 6	26 10	2 28	6 43	1 36	22 26	0 55	21 35	1 37	20 9	0 0	22 6	0 35	20 52	0 58	19 29	19 14	26 14		n.a.
M21	18 11	19 12	0s 5	23 3	2 7	26 3	2 23	6 29	1 36	22 27	0 55	21 34	1 37	20 10	0 0	22 5	0 35	20 52	0 58	19 29	19 15	26 13		n.a.
T 22	18 27	14 52	1 8	23 23	2 8	25 56	2 18	6 15	1 36	22 27	0 55	21 33	1 37	20 11	0 0	22 5	0 35	20 53	0 58	19 29	19 15	26 11		n.a.
W23	18 43	9 53	2 9	23 42	2 9	25 48	2 13	6 0	1 36	22 27	0 56	21 32	1 37	20 12	0 0	22 5	0 35	20 53	0 58	19 29	19 16	26 10		n.a.
T 24	18 59	4 23	3 6	23 59	2 9	25 39	2 7	5 46	1 36	22 28	0 56	21 31	1 37	20 13	0 0	22 5	0 35	20 54	0 58	19 30	19 17	26 9		n.a.
F 25	19 14	1s26	3 55	24 14	2 9	25 31	2 1	5 32	1 37	22 28	0 56	21 30	1 37	20 13	0 0	22 4	0 35	20 54	0 58	19 31	19 18	26 8		n.a.
S 26	19 29	7 24	4 33	24 28	2 8	25 21	1 55	5 18	1 37	22 29	0 56	21 29	1 37	20 14	0 0	22 4	0 35	20 54	0 58	19 32	19 19	26 7		n.a.
S 27	19 44	13 13	4 56	24 39	2 6	25 11	1 49	5 4	1 37	22 29	0 57	21 27	1 37	20 15	0 0	22 4	0 35	20 55	0 58	19 34	19 19	26 6		n.a.
M28	19 58	18 32	5 3	24 50	2 4	25 1	1 42	4 49	1 37	22 30	0 57	21 26	1 37	20 16	0 0	22 4	0 35	20 55	0 58	19 37	19 20	26 5		n.a.
T 29	20 12	22 54	4 50	24 58	2 1	24 51	1 35	4 35	1 37	22 31	0 57	21 25	1 36	20 17	0 0	22 3	0 35	20 56	0 58	19 39	19 21	26 4		n.a.
W30	20s26	25s49	4s16	25s 4	1s58	24s40	1s28	4n21	1n37	22n31	0n57	21s24	1s36	20s17	0n 0	22s 3	0s35	20s56	0n57	19s42	19s22	26n 3		n.a.

Julian Day Number = 1374009.5, Delta T = 06h48m12s
Ecliptic obliquity = 23°48'38, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°12'27, Lahiri = -17°05'27 Julian Calendar 1 Nov. 952 BCE == Greg. Calendar 23 Oct. 952 BCE

The year -951 astronomical counting style corresponds to year 952 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 952 BCE
geocentric

DECEMBER 952 BCE (-951) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 2 12	0♐50'27	20♐51	18♐ 1	13♑11	23♍30	24°R19	2♒52	29♏16	24♑56	7♐25	3°R16	4♒45	6♋57	n.a.	T 1
F 2	4 6 9	1°51'45	5♑50	19°27	13°48	24° 6	24♋17	2°57	29°20	24°57	7°27	3♒10	4°41	7° 4	n.a.	F 2
S 3	4 10 5	2°53'02	20°38	20°51	14°23	24°41	24°14	3° 2	29°23	24°59	7°29	3° 8	4°38	7°11	n.a.	S 3
S 4	4 14 2	3°54'18	5♒ 8	22°12	14°57	25°17	24°12	3° 7	29°27	25° 0	7°31	3°D 7	4°35	7°17	n.a.	S 4
M 5	4 17 58	4°55'34	19°17	23°30	15°30	25°53	24° 9	3°12	29°30	25° 2	7°33	3° 8	4°32	7°24	n.a.	M 5
T 6	4 21 55	5°56'49	3♓ 6	24°44	16° 1	26°28	24° 5	3°17	29°34	25° 4	7°35	3°R 8	4°29	7°31	n.a.	T 6
W 7	4 25 52	6°58'02	16°35	25°52	16°30	27° 4	24° 2	3°22	29°38	25° 5	7°37	3° 8	4°26	7°37	n.a.	W 7
T 8	4 29 48	7°59'15	29°45	26°56	16°57	27°39	23°59	3°28	29°41	25° 7	7°39	3° 5	4°22	7°44	n.a.	T 8
F 9	4 33 45	9° 0'28	12♈40	27°53	17°23	28°15	23°55	3°33	29°45	25° 9	7°42	3° 1	4°19	7°51	n.a.	F 9
S 10	4 37 41	10° 1'39	25°22	28°42	17°47	28°50	23°51	3°38	29°48	25°10	7°44	2°53	4°16	7°57	n.a.	S 10
S 11	4 41 38	11° 2'49	7♉52	29°24	18° 9	29°25	23°47	3°44	29°52	25°12	7°46	2°44	4°13	8° 4	n.a.	S 11
M12	4 45 34	12° 3'59	20°11	29°57	18°30	0♎ 1	23°43	3°49	29°55	25°14	7°48	2°34	4°10	8°11	n.a.	M12
T 13	4 49 31	13° 5'08	2♊22	0♑20	18°48	0°36	23°38	3°55	29°59	25°16	7°50	2°24	4° 7	8°17	n.a.	T 13
W14	4 53 27	14° 6'16	14°24	0°32	19° 4	1°11	23°34	4° 1	0♐ 2	25°17	7°52	2°15	4° 3	8°24	n.a.	W14
T 15	4 57 24	15° 7'23	26°20	0°R34	19°18	1°46	23°29	4° 6	0° 6	25°19	7°54	2° 8	4° 0	8°31	n.a.	T 15
F 16	5 1 21	16° 8'29	8♋11	0°23	19°30	2°21	23°24	4°12	0° 9	25°21	7°56	2° 2	3°57	8°37	n.a.	F 16
S 17	5 5 17	17° 9'34	19°58	0° 2	19°39	2°56	23°19	4°18	0°13	25°23	7°58	1°59	3°54	8°44	n.a.	S 17
S 18	5 9 14	18°10'39	1♌46	29♐28	19°46	3°31	23°14	4°24	0°16	25°25	8° 0	1°D58	3°51	8°51	n.a.	S 18
M19	5 13 10	19°11'43	13°36	28°44	19°51	4° 6	23° 8	4°30	0°20	25°27	8° 2	1°59	3°47	8°57	n.a.	M19
T 20	5 17 7	20°12'46	25°34	27°51	19°R54	4°41	23° 3	4°36	0°23	25°29	8° 4	2° 1	3°44	9° 4	n.a.	T 20
W21	5 21 3	21°13'48	7♍44	26°49	19°54	5°15	22°57	4°42	0°27	25°31	8° 6	2° 2	3°41	9°11	n.a.	W21
T 22	5 25 0	22°14'49	20°10	25°41	19°51	5°50	22°51	4°48	0°30	25°32	8° 8	2°R 3	3°38	9°17	n.a.	T 22
F 23	5 28 57	23°15'50	2♎59	24°28	19°46	6°25	22°45	4°54	0°34	25°34	8°10	2° 3	3°35	9°24	n.a.	F 23
S 24	5 32 53	24°16'49	16°13	23°14	19°38	6°59	22°39	5° 1	0°37	25°36	8°12	2° 0	3°32	9°31	n.a.	S 24
S 25	5 36 50	25°17'48	29°56	21°59	19°28	7°34	22°33	5° 7	0°40	25°38	8°14	1°57	3°28	9°37	n.a.	S 25
M26	5 40 46	26°18'45	14♏ 8	20°47	19°16	8° 8	22°27	5°13	0°44	25°40	8°16	1°52	3°25	9°44	n.a.	M26
T 27	5 44 43	27°19'42	28°46	19°38	19° 1	8°43	22°20	5°20	0°47	25°43	8°18	1°46	3°22	9°51	n.a.	T 27
W28	5 48 39	28°20'38	13♐46	18°35	18°43	9°17	22°14	5°26	0°50	25°45	8°20	1°41	3°19	9°57	n.a.	W28
T 29	5 52 36	29°21'32	28°58	17°39	18°23	9°51	22° 7	5°33	0°54	25°47	8°22	1°37	3°16	10° 4	n.a.	T 29
F 30	5 56 32	0♑22'26	14♑12	16°50	18° 1	10°25	22° 0	5°39	0°57	25°49	8°24	1°34	3°13	10°11	n.a.	F 30
S 31	6 0 29	1♑23'17	29♑19	16♐10	17♑36	10♎59	21♋53	5♒46	1♐ 0	25♑51	8♐26	1°D33	3♒ 9	10♋17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20s39	26s54	3s25	25s 8	1s53	24s28	1s20	4n 7	1n38	22n32	0n58	21s23	1s36	20s18	0n 0	22s 3	0s35	20s57	0n57	19s44	19s22	26n 1			n.a.
F 2	20 51	26 1	2 20	25 11	1 48	24 17	1 12	3 52	1 38	22 33	0 58	21 22	1 36	20 19	0 0	22 3	0 35	20 57	0 57	19 45	19 23	26 0			n.a.
S 3	21 4	23 17	1 6	25 11	1 42	24 5	1 4	3 38	1 38	22 33	0 58	21 20	1 36	20 20	0 0	22 2	0 35	20 57	0 57	19 46	19 24	25 59			n.a.
S 4	21 15	19 6	0n11	25 9	1 35	23 52	0 55	3 24	1 38	22 34	0 59	21 19	1 36	20 21	0 0	22 2	0 35	20 58	0 57	19 46	19 25	25 58			n.a.
M 5	21 27	13 55	1 26	25 6	1 27	23 40	0 46	3 10	1 38	22 35	0 59	21 18	1 36	20 21	0 0	22 2	0 35	20 58	0 57	19 46	19 26	25 57			n.a.
T 6	21 38	8 9	2 33	25 0	1 18	23 27	0 37	2 55	1 38	22 36	0 59	21 17	1 36	20 22	0 0	22 1	0 35	20 59	0 57	19 45	19 26	25 56			n.a.
W 7	21 49	2 9	3 31	24 52	1 8	23 14	0 28	2 41	1 39	22 37	0 59	21 15	1 36	20 23	0 0	22 1	0 35	20 59	0 57	19 46	19 27	25 54			n.a.
T 8	21 59	3n48	4 16	24 43	0 56	23 1	0 18	2 27	1 39	22 37	1 0	21 14	1 36	20 24	0 0	22 1	0 35	21 0	0 57	19 46	19 28	25 53			n.a.
F 9	22 9	9 28	4 47	24 32	0 44	22 47	0 8	2 13	1 39	22 38	1 0	21 13	1 36	20 24	0 0	22 0	0 35	21 0	0 57	19 47	19 29	25 52			n.a.
S 10	22 18	14 39	5 3	24 19	0 30	22 33	0n 3	1 59	1 39	22 39	1 0	21 11	1 36	20 25	0 0	22 0	0 35	21 0	0 56	19 49	19 29	25 51			n.a.
S 11	22 27	19 8	5 5	24 4	0 16	22 20	0 14	1 45	1 39	22 40	1 0	21 10	1 36	20 26	0 0	22 0	0 35	21 1	0 56	19 51	19 30	25 50			n.a.
M12	22 35	22 45	4 52	23 49	0 0	22 6	0 25	1 31	1 39	22 41	1 1	21 8	1 35	20 27	0 0	22 0	0 35	21 1	0 56	19 53	19 31	25 48			n.a.
T 13	22 43	25 18	4 26	23 32	0n17	21 52	0 37	1 16	1 39	22 42	1 1	21 7	1 35	20 28	0 0	21 59	0 35	21 2	0 56	19 56	19 32	25 47			n.a.
W14	22 51	26 39	3 48	23 14	0 34	21 38	0 49	1 2	1 39	22 43	1 1	21 6	1 35	20 28	0 0	21 59	0 35	21 2	0 56	19 58	19 32	25 46			n.a.
T 15	22 58	26 46	3 0	22 56	0 53	21 24	1 1	0 48	1 40	22 44	1 1	21 4	1 35	20 29	0 0	21 59	0 35	21 3	0 56	20 0	19 33	25 45			n.a.
F 16	23 5	25 38	2 5	22 37	1 11	21 9	1 13	0 34	1 40	22 45	1 2	21 3	1 35	20 30	0s 0	21 58	0 35	21 3	0 56	20 1	19 34	25 44			n.a.
S 17	23 11	23 22	1 5	22 18	1 30	20 55	1 26	0 20	1 40	22 47	1 2	21 1	1 35	20 31	0 0	21 58	0 35	21 3	0 56	20 1	19 35	25 42			n.a.
S 18	23 16	20 6	0 1	21 59	1 49	20 41	1 40	0 6	1 40	22 48	1 2	21 0	1 35	20 31	0 0	21 57	0 35	21 4	0 56	20 2	19 35	25 41			n.a.
M19	23 22	16 0	1s 3	21 40	2 8	20 27	1 53	0s 8	1 40	22 49	1 2	20 58	1 35	20 32	0 0	21 57	0 35	21 4	0 56	20 1	19 36	25 40			n.a.
T 20	23 27	11 15	2 5	21 22	2 26	20 13	2 7	0 22	1 40	22 50	1 3	20 57	1 35	20 33	0 0	21 57	0 35	21 5	0 56	20 1	19 37	25 39			n.a.
W21	23 31	5 59	3 2	21 4	2 42	19 59	2 21	0 36	1 40	22 51	1 3	20 55	1 35	20 34	0 0	21 56	0 35	21 5	0 56	20 1	19 38	25 37			n.a.
T 22	23 35	0 24	3 52	20 48	2 57	19 46	2 35	0 49	1 40	22 53	1 3	20 54	1 35	20 34	0 0	21 56	0 35	21 6	0 55	20 1	19 38	25 36			n.a.
F 23	23 38	5s22	4 33	20 32	3 10	19 32	2 50	1 3	1 40	22 54	1 3	20 52	1 35	20 35	0 0	21 56	0 35	21 6	0 55	20 1	19 39	25 35			n.a.
S 24	23 41	11 4	5 0	20 18	3 20	19 19	3 4	1 17	1 40	22 55	1 4	20 50	1 35	20 36	0 0	21 55	0 35	21 6	0 55	20 1	19 40	25 33			n.a.
S 25	23 44	16 28	5 11	20 5	3 29	19 5	3 19	1 31	1 40	22 56	1 4	20 49	1 35	20 37	0 0	21 55	0 35	21 7	0 55	20 2	19 41	25 32			n.a.
M26	23 45	21 9	5 5	19 55	3 35	18 53	3 34	1 45	1 40	22 58	1 4	20 47	1 35	20 37	0 0	21 55	0 35	21 7	0 55	20 3	19 41	25 31			n.a.
T 27	23 47	24 42	4 38	19 46	3 38	18 40	3 49	1 58	1 40	22 59	1 4	20 46	1 35	20 38	0 0	21 54	0 35	21 8	0 55	20 4	19 42	25 29			n.a.
W28	23 48	26 39	3 52	19 40	3 40	18 27	4 4	2 12	1 40	23 0	1 4	20 44	1 35	20 39	0 0	21 54	0 35	21 8	0 55	20 6	19 43	25 28			n.a.
T 29	23 49	26 37	2 49	19 36	3 39	18 15	4 19	2 25	1 40	23 1	1 5	20 42	1 35	20 39	0 0	21 53	0 35	21 8	0 55	20 6	19 44	25 27			n.a.
F 30	23 49	24 35	1 34	19 34	3 36	18 4	4 33	2 39	1 41	23 3	1 5	20 41	1 35	20 40	0 0	21 53	0 35	21 9	0 55	20 7	19 44	25 25			n.a.
S 31	23s48	20s49	0s12	19s34	3n32	17s52	4n48	2s52	1n41	23n 4	1n 5	20s39	1s35	20s41	0s 0	21s53	0s35	21s 9	0n55	20s 7	19s45	25n24			n.a.

Julian Day Number = 1374039.5, Delta T = 06h48m10s
Ecliptic obliquity = 23°48'37, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°12'23, Lahiri = -17°05'23 Julian Calendar 1 Dec. 952 BCE == Greg. Calendar 22 Nov. 952 BCE

The year -951 astronomical counting style corresponds to year 952 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 951 BCE
geocentric

JANUARY 951 BCE (-950) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 4 26	2♉24'07	14♒ 9	15°R37	17°R10	11♎33	21°R46	5♒53	1♐ 3	25♉53	8♐28	1♒34	3♒ 6	10♋24	n.a.	S 1
M 2	6 8 22	3°24'55	28°37	15♐13	16♉41	12° 7	21♋39	5°59	1° 7	25°55	8°30	1°35	3° 3	10°31	n.a.	M 2
T 3	6 12 19	4°25'42	12♓39	14°58	16°10	12°41	21°32	6° 6	1°10	25°57	8°31	1°37	3° 0	10°37	n.a.	T 3
W 4	6 16 15	5°26'26	26°17	14°50	15°38	13°14	21°25	6°13	1°13	25°59	8°33	1°38	2°57	10°44	n.a.	W 4
T 5	6 20 12	6°27'09	9♈30	14°D49	15° 5	13°48	21°17	6°20	1°16	26° 2	8°35	1°R38	2°53	10°51	n.a.	T 5
F 6	6 24 8	7°27'50	22°22	14°56	14°30	14°21	21°10	6°27	1°19	26° 4	8°37	1°37	2°50	10°57	n.a.	F 6
S 7	6 28 5	8°28'29	4♉56	15° 9	13°54	14°55	21° 2	6°34	1°22	26° 6	8°39	1°35	2°47	11° 4	n.a.	S 7
S 8	6 32 1	9°29'06	17°15	15°29	13°17	15°28	20°55	6°41	1°25	26° 8	8°41	1°32	2°44	11°10	n.a.	S 8
M 9	6 35 58	10°29'42	29°23	15°54	12°39	16° 1	20°47	6°48	1°28	26°10	8°43	1°29	2°41	11°17	n.a.	M 9
T 10	6 39 55	11°30'15	11♊23	16°24	12° 2	16°34	20°39	6°55	1°31	26°13	8°44	1°25	2°38	11°24	n.a.	T 10
W11	6 43 51	12°30'47	23°16	17° 0	11°24	17° 7	20°32	7° 2	1°34	26°15	8°46	1°22	2°34	11°30	n.a.	W11
T 12	6 47 48	13°31'17	5♋ 6	17°39	10°47	17°40	20°24	7° 9	1°37	26°17	8°48	1°19	2°31	11°37	n.a.	T 12
F 13	6 51 44	14°31'45	16°54	18°23	10°10	18°13	20°16	7°16	1°40	26°19	8°50	1°18	2°28	11°44	n.a.	F 13
S 14	6 55 41	15°32'11	28°43	19°11	9°34	18°46	20° 8	7°23	1°43	26°21	8°51	1°D17	2°25	11°50	n.a.	S 14
S 15	6 59 37	16°32'36	10♌34	20° 2	8°58	19°18	20° 0	7°30	1°46	26°24	8°53	1°17	2°22	11°57	n.a.	S 15
M16	7 3 34	17°32'59	22°31	20°56	8°24	19°51	19°53	7°37	1°48	26°26	8°55	1°18	2°19	12° 4	n.a.	M16
T 17	7 7 31	18°33'20	4♍35	21°54	7°52	20°23	19°45	7°45	1°51	26°28	8°56	1°20	2°15	12°10	n.a.	T 17
W18	7 11 27	19°33'39	16°50	22°54	7°21	20°56	19°37	7°52	1°54	26°30	8°58	1°21	2°12	12°17	n.a.	W18
T 19	7 15 24	20°33'57	29°19	23°56	6°52	21°28	19°29	7°59	1°57	26°33	9° 0	1°22	2° 9	12°24	n.a.	T 19
F 20	7 19 20	21°34'13	12♎ 7	25° 1	6°25	22° 0	19°21	8° 7	1°59	26°35	9° 1	1°22	2° 6	12°30	n.a.	F 20
S 21	7 23 17	22°34'28	25°15	26° 9	6° 0	22°32	19°13	8°14	2° 2	26°37	9° 3	1°R22	2° 3	12°37	n.a.	S 21
S 22	7 27 13	23°34'41	8♏48	27°18	5°37	23° 3	19° 5	8°21	2° 4	26°40	9° 5	1°22	1°59	12°44	n.a.	S 22
M23	7 31 10	24°34'52	22°47	28°29	5°16	23°35	18°57	8°29	2° 7	26°42	9° 6	1°22	1°56	12°50	n.a.	M23
T 24	7 35 6	25°35'02	7♐11	29°43	4°58	24° 7	18°50	8°36	2° 9	26°44	9° 8	1°21	1°53	12°57	n.a.	T 24
W25	7 39 3	26°35'10	21°56	0♑58	4°42	24°38	18°42	8°43	2°12	26°46	9° 9	1°20	1°50	13° 4	n.a.	W25
T 26	7 42 59	27°35'16	6♑59	2°14	4°29	25° 9	18°34	8°51	2°14	26°49	9°11	1°20	1°47	13°10	n.a.	T 26
F 27	7 46 56	28°35'21	22° 9	3°33	4°18	25°40	18°26	8°58	2°17	26°51	9°12	1°20	1°44	13°17	n.a.	F 27
S 28	7 50 53	29°35'23	7♒18	4°53	4°10	26°11	18°19	9° 6	2°19	26°53	9°14	1°D20	1°40	13°24	n.a.	S 28
S 29	7 54 49	0♒35'23	22°17	6°14	4° 4	26°42	18°11	9°13	2°21	26°56	9°15	1°20	1°37	13°30	n.a.	S 29
M30	7 58 46	1°35'21	6♓57	7°37	4° 1	27°13	18° 4	9°21	2°24	26°58	9°17	1°R20	1°34	13°37	n.a.	M30
T 31	8 2 42	2♒35'16	21♓13	9♑ 1	4°D 0	27♎43	17♋56	9♒28	2♐26	27♑ 0	9♐18	1♒20	1♒31	13♋44	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23s47	15s45	1n 9	19s37	3n26	17s41	5n 2	3s 6	1n41	23n 5	1n 5	20s37	1s35	20s41	0s 0	21s52	0s35	21s 9	0n55	20s 7	19s46	25n23			n.a.
M 2	23 46	9 54	2 23	19 41	3 18	17 31	5 17	3 19	1 41	23 7	1 5	20 35	1 35	20 42	0 0	21 52	0 35	21 10	0 54	20 7	19 47	25 21			n.a.
T 3	23 44	3 44	3 27	19 48	3 10	17 21	5 30	3 33	1 41	23 8	1 6	20 34	1 35	20 43	0 0	21 51	0 35	21 10	0 54	20 7	19 47	25 20			n.a.
W 4	23 42	2n25	4 17	19 56	3 1	17 11	5 44	3 46	1 41	23 10	1 6	20 32	1 35	20 43	0 0	21 51	0 35	21 11	0 54	20 6	19 48	25 19			n.a.
T 5	23 39	8 16	4 52	20 5	2 52	17 2	5 57	3 59	1 41	23 11	1 6	20 30	1 35	20 44	0 0	21 51	0 35	21 11	0 54	20 6	19 49	25 17			n.a.
F 6	23 36	13 37	5 11	20 16	2 41	16 53	6 9	4 12	1 40	23 12	1 6	20 28	1 35	20 45	0 0	21 50	0 35	21 11	0 54	20 6	19 50	25 16			n.a.
S 7	23 32	18 17	5 14	20 28	2 31	16 45	6 21	4 25	1 40	23 14	1 6	20 27	1 35	20 45	0 0	21 50	0 35	21 12	0 54	20 7	19 50	25 15			n.a.
S 8	23 28	22 5	5 3	20 41	2 20	16 38	6 32	4 38	1 40	23 15	1 6	20 25	1 34	20 46	0 0	21 49	0 35	21 12	0 54	20 8	19 51	25 13			n.a.
M 9	23 23	24 51	4 38	20 55	2 9	16 31	6 42	4 51	1 40	23 16	1 7	20 23	1 34	20 47	0 0	21 49	0 35	21 12	0 54	20 8	19 52	25 12			n.a.
T 10	23 18	26 29	4 2	21 9	1 58	16 25	6 52	5 4	1 40	23 18	1 7	20 21	1 34	20 47	0 0	21 48	0 35	21 13	0 54	20 9	19 53	25 10			n.a.
W11	23 13	26 53	3 15	21 23	1 47	16 19	7 1	5 17	1 40	23 19	1 7	20 19	1 34	20 48	0 0	21 48	0 35	21 13	0 54	20 10	19 53	25 9			n.a.
T 12	23 7	26 2	2 20	21 38	1 36	16 14	7 9	5 30	1 40	23 20	1 7	20 18	1 34	20 49	0 0	21 48	0 35	21 14	0 54	20 10	19 54	25 8			n.a.
F 13	23 0	24 1	1 19	21 53	1 25	16 10	7 16	5 43	1 40	23 22	1 7	20 16	1 34	20 49	0 0	21 47	0 35	21 14	0 54	20 11	19 55	25 6			n.a.
S 14	22 53	20 58	0 14	22 8	1 14	16 6	7 22	5 55	1 40	23 23	1 7	20 14	1 34	20 50	0 0	21 47	0 35	21 14	0 54	20 11	19 56	25 5			n.a.
S 15	22 46	17 2	0s51	22 23	1 3	16 3	7 28	6 8	1 40	23 24	1 8	20 12	1 34	20 50	0 0	21 46	0 35	21 15	0 53	20 11	19 56	25 3			n.a.
M16	22 38	12 25	1 55	22 37	0 53	16 1	7 32	6 21	1 40	23 26	1 8	20 10	1 34	20 51	0 0	21 46	0 35	21 15	0 53	20 11	19 57	25 2			n.a.
T 17	22 30	7 17	2 54	22 51	0 42	15 59	7 36	6 33	1 40	23 27	1 8	20 8	1 34	20 51	0 0	21 46	0 35	21 15	0 53	20 10	19 58	25 0			n.a.
W18	22 22	1 48	3 47	23 5	0 32	15 58	7 39	6 45	1 39	23 28	1 8	20 6	1 35	20 52	0 0	21 45	0 35	21 16	0 53	20 10	19 58	24 59			n.a.
T 19	22 13	3s50	4 29	23 18	0 22	15 58	7 40	6 58	1 39	23 30	1 8	20 4	1 35	20 53	0 0	21 45	0 35	21 16	0 53	20 10	19 59	24 57			n.a.
F 20	22 3	9 27	5 0	23 31	0 12	15 58	7 42	7 10	1 39	23 31	1 8	20 2	1 35	20 53	0 0	21 44	0 35	21 16	0 53	20 10	20 0	24 56			n.a.
S 21	21 53	14 48	5 16	23 42	0 3	15 59	7 42	7 22	1 39	23 32	1 8	20 1	1 35	20 54	0 0	21 44	0 35	21 17	0 53	20 10	20 1	24 55			n.a.
S 22	21 43	19 37	5 15	23 53	0s 6	16 0	7 41	7 34	1 39	23 33	1 8	19 59	1 35	20 54	0 0	21 43	0 35	21 17	0 53	20 10	20 1	24 53			n.a.
M23	21 32	23 31	4 56	24 3	0 15	16 2	7 40	7 46	1 39	23 34	1 8	19 57	1 35	20 55	0 0	21 43	0 35	21 17	0 53	20 10	20 2	24 52			n.a.
T 24	21 21	26 5	4 18	24 12	0 24	16 5	7 38	7 58	1 38	23 36	1 9	19 55	1 35	20 55	0 0	21 42	0 35	21 18	0 53	20 10	20 3	24 50			n.a.
W25	21 10	26 55	3 22	24 21	0 32	16 8	7 36	8 10	1 38	23 37	1 9	19 53	1 35	20 56	0 0	21 42	0 35	21 18	0 53	20 10	20 4	24 49			n.a.
T 26	20 58	25 49	2 11	24 28	0 40	16 11	7 33	8 22	1 38	23 38	1 9	19 51	1 35	20 56	0 0	21 42	0 35	21 18	0 53	20 10	20 4	24 47			n.a.
F 27	20 46	22 48	0 51	24 34	0 48	16 15	7 29	8 34	1 38	23 39	1 9	19 49	1 35	20 57	0 0	21 41	0 35	21 18	0 53	20 10	20 5	24 46			n.a.
S 28	20 33	18 12	0n33	24 38	0 55	16 20	7 25	8 45	1 37	23 40	1 9	19 47	1 35	20 57	0 0	21 41	0 35	21 19	0 52	20 10	20 6	24 44			n.a.
S 29	20 20	12 30	1 54	24 42	1 3	16 25	7 20	8 57	1 37	23 41	1 9	19 45	1 35	20 58	0 0	21 40	0 35	21 19	0 52	20 10	20 6	24 42			n.a.
M30	20 7	6 14	3 6	24 44	1 9	16 30	7 15	9 8	1 37	23 43	1 9	19 43	1 35	20 58	0 0	21 40	0 35	21 19	0 52	20 10	20 7	24 41			n.a.
T 31	19s53	0n11	4n 3	24s45	1s16	16s35	7n10	9s19	1n37	23n44	1n 9	19s41	1s35	20s59	0s 0	21s39	0s35	21s20	0n52	20s10	20s 8	24n39			n.a.

Julian Day Number = 1374070.5, Delta T = 06h48m09s
Ecliptic obliquity = 23°48'36, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°12'19, Lahiri = -17°05'18 Julian Calendar 1 Jan. 951 BCE == Greg. Calendar 23 Dec. 952 BCE

The year -950 astronomical counting style corresponds to year 951 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 951 BCE
geocentric

FEBRUARY 951 BCE (-950) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 6 39	3♒35'10	5♈ 3	10♉27	4♉ 1	28♎14	17°R49	9♒36	2♐28	27♉ 2	9♐19	1°R20	1♒28	13♋50	n.a.	W 1
T 2	8 10 35	4°35'00	18°25	11°53	4° 5	28°44	17♋41	9°43	2°30	27° 5	9°21	1♒19	1°24	13°57	n.a.	T 2
F 3	8 14 32	5°34'49	1♉22	13°22	4°11	29°14	17°34	9°51	2°32	27° 7	9°22	1°D19	1°21	14° 4	n.a.	F 3
S 4	8 18 28	6°34'35	13°58	14°51	4°20	29°44	17°27	9°58	2°34	27° 9	9°23	1°19	1°18	14°10	n.a.	S 4
S 5	8 22 25	7°34'19	26°15	16°22	4°30	0♏13	17°20	10° 6	2°36	27°11	9°24	1°19	1°15	14°17	n.a.	S 5
M 6	8 26 22	8°34'00	8♊18	17°54	4°43	0°43	17°13	10°13	2°38	27°14	9°26	1°20	1°12	14°23	n.a.	M 6
T 7	8 30 18	9°33'39	20°13	19°27	4°57	1°12	17° 6	10°21	2°40	27°16	9°27	1°21	1° 9	14°30	n.a.	T 7
W 8	8 34 15	10°33'16	2♋ 2	21° 2	5°14	1°41	16°59	10°28	2°42	27°18	9°28	1°22	1° 5	14°37	n.a.	W 8
T 9	8 38 11	11°32'51	13°49	22°37	5°33	2°10	16°53	10°36	2°44	27°20	9°29	1°23	1° 2	14°43	n.a.	T 9
F 10	8 42 8	12°32'23	25°38	24°15	5°53	2°39	16°46	10°43	2°46	27°23	9°30	1°R23	0°59	14°50	n.a.	F 10
S 11	8 46 4	13°31'53	7♌30	25°53	6°16	3° 7	16°40	10°51	2°47	27°25	9°32	1°23	0°56	14°57	n.a.	S 11
S 12	8 50 1	14°31'20	19°29	27°32	6°40	3°36	16°34	10°58	2°49	27°27	9°33	1°23	0°53	15° 3	n.a.	S 12
M13	8 53 57	15°30'46	1♍36	29°13	7° 6	4° 4	16°28	11° 6	2°51	27°29	9°34	1°21	0°50	15°10	n.a.	M13
T 14	8 57 54	16°30'09	13°53	0♒55	7°33	4°32	16°22	11°13	2°52	27°31	9°35	1°19	0°46	15°17	n.a.	T 14
W15	9 1 51	17°29'30	26°21	2°39	8° 3	5° 0	16°16	11°21	2°54	27°33	9°36	1°17	0°43	15°23	n.a.	W15
T 16	9 5 47	18°28'49	9♎ 3	4°23	8°33	5°27	16°10	11°28	2°56	27°36	9°37	1°14	0°40	15°30	n.a.	T 16
F 17	9 9 44	19°28'06	21°59	6° 9	9° 5	5°54	16° 4	11°36	2°57	27°38	9°38	1°12	0°37	15°37	n.a.	F 17
S 18	9 13 40	20°27'22	5♏11	7°56	9°39	6°21	15°59	11°43	2°58	27°40	9°39	1°11	0°34	15°43	n.a.	S 18
S 19	9 17 37	21°26'35	18°41	9°45	10°14	6°48	15°53	11°51	3° 0	27°42	9°40	1°D10	0°30	15°50	n.a.	S 19
M20	9 21 33	22°25'47	2♐30	11°35	10°50	7°15	15°48	11°58	3° 1	27°44	9°40	1°10	0°27	15°57	n.a.	M20
T 21	9 25 30	23°24'57	16°38	13°26	11°27	7°41	15°43	12° 6	3° 2	27°46	9°41	1°11	0°24	16° 3	n.a.	T 21
W22	9 29 26	24°24'05	1♑ 4	15°19	12° 6	8° 7	15°38	12°13	3° 4	27°48	9°42	1°13	0°21	16°10	n.a.	W22
T 23	9 33 23	25°23'11	15°44	17°13	12°45	8°33	15°34	12°21	3° 5	27°50	9°43	1°14	0°18	16°17	n.a.	T 23
F 24	9 37 19	26°22'15	0♒35	19° 9	13°26	8°59	15°29	12°28	3° 6	27°52	9°44	1°R14	0°15	16°23	n.a.	F 24
S 25	9 41 16	27°21'17	15°29	21° 5	14° 8	9°24	15°25	12°35	3° 7	27°55	9°44	1°14	0°11	16°30	n.a.	S 25
S 26	9 45 13	28°20'17	0♓19	23° 3	14°51	9°49	15°21	12°43	3° 8	27°57	9°45	1°12	0° 8	16°36	n.a.	S 26
M27	9 49 9	29°19'15	14°56	25° 3	15°35	10°13	15°17	12°50	3° 9	27°59	9°46	1° 9	0° 5	16°43	n.a.	M27
T 28	9 53 6	0♓18'10	29♓15	27♒ 3	16♉20	10♏38	15♋13	12♒57	3♐10	28♉ 1	9♐46	1♒ 4	0♒ 2	16♋50	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s39	6n23	4n45	24s45	1s22	16s41	7n 4	9s31	1n36	23n45	1n 9	19s39	1s35	20s59	0s 0	21s39	0s35	21s20	0n52	20s10	20s 9	24n38		n.a.
T 2	19 25	12 5	5 10	24 43	1 28	16 47	6 58	9 42	1 36	23 46	1 9	19 37	1 35	20 59	0 0	21 39	0 35	21 20	0 52	20 10	20 9	24 36		n.a.
F 3	19 10	17 5	5 18	24 40	1 33	16 54	6 51	9 53	1 36	23 47	1 9	19 35	1 35	21 0	0 0	21 38	0 35	21 20	0 52	20 10	20 10	24 35		n.a.
S 4	18 55	21 12	5 10	24 36	1 38	17 0	6 44	10 4	1 35	23 48	1 9	19 33	1 35	21 0	0 0	21 38	0 35	21 21	0 52	20 10	20 11	24 33		n.a.
S 5	18 40	24 17	4 48	24 30	1 43	17 7	6 37	10 15	1 35	23 49	1 9	19 31	1 35	21 1	0 0	21 37	0 35	21 21	0 52	20 10	20 11	24 32		n.a.
M 6	18 24	26 13	4 14	24 22	1 47	17 14	6 30	10 26	1 35	23 50	1 9	19 29	1 35	21 1	0 0	21 37	0 35	21 21	0 52	20 10	20 12	24 30		n.a.
T 7	18 8	26 55	3 29	24 13	1 51	17 20	6 23	10 36	1 34	23 50	1 9	19 27	1 35	21 2	0 0	21 36	0 35	21 22	0 52	20 10	20 13	24 29		n.a.
W 8	17 52	26 24	2 36	24 2	1 55	17 27	6 15	10 47	1 34	23 51	1 9	19 25	1 35	21 2	0 1	21 36	0 35	21 22	0 52	20 10	20 14	24 27		n.a.
T 9	17 35	24 40	1 36	23 49	1 58	17 34	6 7	10 57	1 33	23 52	1 9	19 23	1 35	21 2	0 1	21 36	0 35	21 22	0 52	20 10	20 14	24 25		n.a.
F 10	17 18	21 52	0 32	23 35	2 1	17 41	6 0	11 8	1 33	23 53	1 9	19 21	1 35	21 3	0 1	21 35	0 35	21 22	0 52	20 10	20 15	24 24		n.a.
S 11	17 1	18 8	0s34	23 19	2 3	17 48	5 52	11 18	1 32	23 54	1 9	19 19	1 35	21 3	0 1	21 35	0 35	21 23	0 51	20 10	20 16	24 22		n.a.
S 12	16 44	13 39	1 39	23 1	2 5	17 55	5 44	11 28	1 32	23 55	1 9	19 16	1 35	21 3	0 1	21 34	0 35	21 23	0 51	20 10	20 16	24 21		n.a.
M13	16 26	8 35	2 40	22 42	2 7	18 2	5 35	11 38	1 31	23 55	1 9	19 14	1 36	21 4	0 1	21 34	0 35	21 23	0 51	20 10	20 17	24 19		n.a.
T 14	16 8	3 9	3 34	22 20	2 8	18 9	5 27	11 48	1 31	23 56	1 9	19 12	1 36	21 4	0 1	21 33	0 35	21 23	0 51	20 10	20 18	24 17		n.a.
W15	15 50	2s29	4 19	21 57	2 8	18 15	5 19	11 58	1 30	23 57	1 9	19 10	1 36	21 4	0 1	21 33	0 35	21 23	0 51	20 11	20 18	24 16		n.a.
T 16	15 31	8 6	4 53	21 32	2 8	18 22	5 11	12 8	1 30	23 58	1 9	19 8	1 36	21 5	0 1	21 33	0 35	21 24	0 51	20 12	20 19	24 14		n.a.
F 17	15 13	13 29	5 12	21 5	2 8	18 28	5 2	12 18	1 29	23 58	1 9	19 6	1 36	21 5	0 1	21 32	0 35	21 24	0 51	20 12	20 20	24 12		n.a.
S 18	14 54	18 23	5 15	20 37	2 7	18 34	4 54	12 27	1 28	23 59	1 9	19 4	1 36	21 5	0 1	21 32	0 36	21 24	0 51	20 12	20 21	24 11		n.a.
S 19	14 34	22 28	5 1	20 6	2 6	18 40	4 46	12 37	1 28	24 0	1 9	19 2	1 36	21 5	0 1	21 31	0 36	21 24	0 51	20 13	20 21	24 9		n.a.
M20	14 15	25 23	4 30	19 33	2 4	18 45	4 37	12 46	1 27	24 0	1 9	19 0	1 36	21 6	0 1	21 31	0 36	21 24	0 51	20 12	20 22	24 7		n.a.
T 21	13 55	26 48	3 42	18 59	2 2	18 50	4 29	12 56	1 26	24 1	1 9	18 58	1 36	21 6	0 1	21 31	0 36	21 25	0 51	20 12	20 23	24 6		n.a.
W22	13 35	26 27	2 39	18 23	1 59	18 55	4 21	13 5	1 26	24 1	1 9	18 56	1 36	21 6	0 1	21 30	0 36	21 25	0 51	20 12	20 23	24 4		n.a.
T 23	13 15	24 16	1 24	17 44	1 55	19 0	4 13	13 14	1 25	24 2	1 9	18 54	1 36	21 6	0 1	21 30	0 36	21 25	0 51	20 12	20 24	24 2		n.a.
F 24	12 55	20 24	0 4	17 4	1 51	19 4	4 4	13 23	1 24	24 2	1 9	18 52	1 36	21 7	0 1	21 29	0 36	21 25	0 51	20 12	20 25	24 1		n.a.
S 25	12 35	15 12	1n18	16 22	1 47	19 8	3 56	13 32	1 23	24 3	1 9	18 50	1 37	21 7	0 1	21 29	0 36	21 25	0 50	20 12	20 25	23 59		n.a.
S 26	12 14	9 9	2 33	15 38	1 42	19 12	3 48	13 41	1 23	24 3	1 9	18 48	1 37	21 7	0 1	21 29	0 36	21 26	0 50	20 12	20 26	23 57		n.a.
M27	11 53	2 41	3 37	14 53	1 36	19 15	3 40	13 49	1 22	24 4	1 9	18 46	1 37	21 7	0 1	21 28	0 36	21 26	0 50	20 13	20 27	23 56		n.a.
T 28	11s32	3n46	4n26	14s 5	1s30	19s17	3n32	13s58	1n21	24n 4	1n 9	18s44	1s37	21s 8	0s 1	21s28	0s36	21s26	0n50	20s14	20s27	23n54		n.a.

Julian Day Number = 1374101.5, Delta T = 06h48m07s
Ecliptic obliquity = 23°48'36, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°12'15, Lahiri = -17°05'14 Julian Calendar 1 Feb. 951 BCE == Greg. Calendar 23 Jan. 951 BCE

The year -950 astronomical counting style corresponds to year 951 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 951 BCE
geocentric

MARCH 951 BCE (-950) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 57 2	1♓17'03	13♈10	29♒ 5	17♑ 5	11♏ 2	15°R 9	13♒ 5	3♐11	28♑ 3	9♐47	1°R 0	29♑59	16♋56	n.a.	W 1
T 2	10 0 59	2°15'54	26°39	1♓ 7	17°52	11°26	15♋ 5	13°12	3°11	28° 5	9°48	0♒56	29°56	17° 3	n.a.	T 2
F 3	10 4 55	3°14'42	9♉42	3°11	18°39	11°49	15° 2	13°19	3°12	28° 6	9°48	0°52	29°52	17°10	n.a.	F 3
S 4	10 8 52	4°13'29	22°21	5°15	19°27	12°12	14°59	13°26	3°13	28° 8	9°49	0°50	29°49	17°16	n.a.	S 4
S 5	10 12 48	5°12'12	4♊41	7°21	20°16	12°35	14°56	13°34	3°14	28°10	9°49	0°D49	29°46	17°23	n.a.	S 5
M 6	10 16 45	6°10'54	16°45	9°26	21° 5	12°57	14°53	13°41	3°14	28°12	9°50	0°50	29°43	17°30	n.a.	M 6
T 7	10 20 42	7° 9'33	28°38	11°32	21°56	13°19	14°51	13°48	3°15	28°14	9°50	0°51	29°40	17°36	n.a.	T 7
W 8	10 24 38	8° 8'10	10♋26	13°38	22°47	13°41	14°48	13°55	3°15	28°16	9°51	0°53	29°36	17°43	n.a.	W 8
T 9	10 28 35	9° 6'44	22°14	15°44	23°38	14° 2	14°46	14° 2	3°16	28°18	9°51	0°54	29°33	17°50	n.a.	T 9
F 10	10 32 31	10° 5'16	4♌ 5	17°49	24°30	14°23	14°44	14° 9	3°16	28°20	9°51	0°R55	29°30	17°56	n.a.	F 10
S 11	10 36 28	11° 3'46	16° 3	19°53	25°23	14°44	14°42	14°16	3°17	28°21	9°52	0°53	29°27	18° 3	n.a.	S 11
S 12	10 40 24	12° 2'14	28°12	21°56	26°17	15° 4	14°40	14°23	3°17	28°23	9°52	0°50	29°24	18°10	n.a.	S 12
M13	10 44 21	13° 0'39	10♍32	23°58	27°11	15°24	14°39	14°30	3°17	28°25	9°52	0°45	29°21	18°16	n.a.	M13
T 14	10 48 17	13°59'03	23° 6	25°58	28° 5	15°44	14°37	14°37	3°17	28°27	9°52	0°39	29°17	18°23	n.a.	T 14
W15	10 52 14	14°57'25	5♎54	27°55	29° 0	16° 3	14°36	14°44	3°17	28°28	9°53	0°31	29°14	18°30	n.a.	W15
T 16	10 56 10	15°55'44	18°55	29°51	29°56	16°21	14°35	14°51	3°18	28°30	9°53	0°23	29°11	18°36	n.a.	T 16
F 17	11 0 7	16°54'02	2♏ 9	1♈43	0♒52	16°39	14°34	14°58	3°18	28°32	9°53	0°16	29° 8	18°43	n.a.	F 17
S 18	11 4 4	17°52'19	15°35	3°33	1°48	16°57	14°34	15° 4	3°R18	28°33	9°53	0°10	29° 5	18°49	n.a.	S 18
S 19	11 8 0	18°50'33	29°14	5°19	2°45	17°14	14°33	15°11	3°18	28°35	9°53	0° 6	29° 2	18°56	n.a.	S 19
M20	11 11 57	19°48'47	13♐ 3	7° 1	3°43	17°31	14°33	15°18	3°17	28°37	9°53	0° 5	28°58	19° 3	n.a.	M20
T 21	11 15 53	20°46'58	27° 4	8°40	4°40	17°47	14°D33	15°24	3°17	28°38	9°R53	0°D 5	28°55	19° 9	n.a.	T 21
W22	11 19 50	21°45'08	11♑15	10°15	5°39	18° 3	14°33	15°31	3°17	28°40	9°53	0° 5	28°52	19°16	n.a.	W22
T 23	11 23 46	22°43'17	25°35	11°47	6°37	18°19	14°34	15°38	3°17	28°41	9°53	0°R 6	28°49	19°23	n.a.	T 23
F 24	11 27 43	23°41'23	10♒ 2	13°14	7°36	18°33	14°34	15°44	3°17	28°43	9°53	0° 6	28°46	19°29	n.a.	F 24
S 25	11 31 39	24°39'29	24°31	14°36	8°36	18°48	14°35	15°50	3°16	28°44	9°53	0° 4	28°42	19°36	n.a.	S 25
S 26	11 35 36	25°37'32	8♓59	15°55	9°35	19° 1	14°36	15°57	3°16	28°46	9°53	29♑59	28°39	19°43	n.a.	S 26
M27	11 39 33	26°35'34	23°19	17° 9	10°35	19°14	14°37	16° 3	3°15	28°47	9°53	29°52	28°36	19°49	n.a.	M27
T 28	11 43 29	27°33'34	7♈25	18°18	11°36	19°27	14°38	16°10	3°15	28°48	9°53	29°43	28°33	19°56	n.a.	T 28
W29	11 47 26	28°31'32	21°12	19°23	12°36	19°39	14°39	16°16	3°14	28°50	9°52	29°33	28°30	20° 3	n.a.	W29
T 30	11 51 22	29°29'29	4♉38	20°23	13°37	19°50	14°41	16°22	3°14	28°51	9°52	29°24	28°27	20° 9	n.a.	T 30
F 31	11 55 19	0♈27'23	17♉40	21♈18	14♒38	20♏ 1	14♋43	16♒28	3♐13	28♑53	9♐52	29♑16	28♑23	20♋16	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s11	9n50	4n58	13s16	1s23	19s20	3n24	14s 6	1n20	24n 4	1n 9	18s42	1s37	21s 8	0s 1	21s27	0s36	21s26	0n50	20s15	20s28	23n52		n.a.
T 2	10 50	15 16	5 12	12 25	1 16	19 22	3 16	14 14	1 19	24 5	1 9	18 40	1 37	21 8	0 1	21 27	0 36	21 26	0 50	20 16	20 29	23 51		n.a.
F 3	10 28	19 49	5 9	11 33	1 8	19 23	3 8	14 23	1 18	24 5	1 9	18 38	1 37	21 8	0 1	21 27	0 36	21 26	0 50	20 16	20 29	23 49		n.a.
S 4	10 7	23 20	4 51	10 39	0 59	19 24	3 0	14 31	1 17	24 5	1 8	18 36	1 37	21 8	0 1	21 26	0 36	21 27	0 50	20 17	20 30	23 47		n.a.
S 5	9 45	25 40	4 20	9 44	0 51	19 25	2 52	14 39	1 16	24 6	1 8	18 34	1 37	21 8	0 1	21 26	0 36	21 27	0 50	20 17	20 31	23 45		n.a.
M 6	9 23	26 45	3 38	8 47	0 41	19 25	2 45	14 47	1 15	24 6	1 8	18 32	1 38	21 8	0 1	21 26	0 36	21 27	0 50	20 17	20 32	23 44		n.a.
T 7	9 1	26 35	2 47	7 50	0 31	19 24	2 37	14 54	1 14	24 6	1 8	18 30	1 38	21 9	0 1	21 25	0 36	21 27	0 50	20 17	20 32	23 42		n.a.
W 8	8 39	25 13	1 49	6 51	0 21	19 24	2 30	15 2	1 13	24 6	1 8	18 28	1 38	21 9	0 1	21 25	0 36	21 27	0 50	20 16	20 33	23 40		n.a.
T 9	8 17	22 43	0 47	5 52	0 11	19 22	2 22	15 9	1 12	24 6	1 8	18 26	1 38	21 9	0 1	21 24	0 36	21 27	0 50	20 16	20 34	23 38		n.a.
F 10	7 54	19 15	0s17	4 53	0n 0	19 20	2 15	15 17	1 11	24 7	1 8	18 24	1 38	21 9	0 1	21 24	0 36	21 27	0 50	20 16	20 34	23 37		n.a.
S 11	7 32	14 58	1 22	3 54	0 11	19 18	2 8	15 24	1 9	24 7	1 8	18 22	1 38	21 9	0 1	21 24	0 36	21 27	0 49	20 16	20 35	23 35		n.a.
S 12	7 9	10 3	2 23	2 54	0 23	19 15	2 0	15 31	1 8	24 7	1 8	18 20	1 38	21 9	0 1	21 23	0 36	21 28	0 49	20 17	20 36	23 33		n.a.
M13	6 46	4 41	3 18	1 55	0 34	19 12	1 53	15 39	1 7	24 7	1 8	18 18	1 38	21 9	0 1	21 23	0 36	21 28	0 49	20 18	20 36	23 31		n.a.
T 14	6 24	0s58	4 5	0 56	0 45	19 8	1 46	15 45	1 6	24 7	1 8	18 16	1 39	21 9	0 1	21 23	0 36	21 28	0 49	20 19	20 37	23 30		n.a.
W15	6 1	6 39	4 41	0n 1	0 57	19 3	1 39	15 52	1 4	24 7	1 8	18 14	1 39	21 9	0 1	21 22	0 36	21 28	0 49	20 21	20 38	23 28		n.a.
T 16	5 38	12 10	5 2	0 58	1 8	18 58	1 32	15 59	1 3	24 7	1 7	18 12	1 39	21 9	0 1	21 22	0 36	21 28	0 49	20 23	20 38	23 26		n.a.
F 17	5 15	17 12	5 8	1 54	1 19	18 53	1 26	16 6	1 1	24 7	1 7	18 10	1 39	21 9	0 1	21 22	0 36	21 28	0 49	20 24	20 39	23 24		n.a.
S 18	4 52	21 29	4 57	2 47	1 29	18 47	1 19	16 12	1 0	24 7	1 7	18 8	1 39	21 9	0 1	21 21	0 36	21 28	0 49	20 26	20 40	23 22		n.a.
S 19	4 29	24 40	4 30	3 40	1 39	18 40	1 13	16 19	0 58	24 7	1 7	18 7	1 39	21 9	0 1	21 21	0 36	21 28	0 49	20 26	20 40	23 21		n.a.
M20	4 6	26 27	3 46	4 30	1 49	18 33	1 6	16 25	0 57	24 7	1 7	18 5	1 39	21 9	0 1	21 21	0 36	21 28	0 49	20 27	20 41	23 19		n.a.
T 21	3 42	26 35	2 48	5 18	1 59	18 26	1 0	16 31	0 55	24 7	1 7	18 3	1 40	21 9	0 1	21 21	0 36	21 28	0 49	20 27	20 42	23 17		n.a.
W22	3 19	24 59	1 40	6 4	2 7	18 17	0 53	16 37	0 53	24 7	1 7	18 1	1 40	21 9	0 1	21 20	0 36	21 28	0 49	20 27	20 42	23 15		n.a.
T 23	2 56	21 45	0 24	6 48	2 15	18 9	0 47	16 43	0 52	24 6	1 7	17 59	1 40	21 9	0 1	21 20	0 36	21 29	0 49	20 26	20 43	23 13		n.a.
F 24	2 33	17 9	0n53	7 29	2 23	17 59	0 41	16 49	0 50	24 6	1 7	17 57	1 40	21 9	0 1	21 20	0 36	21 29	0 49	20 27	20 44	23 12		n.a.
S 25	2 9	11 33	2 7	8 8	2 30	17 50	0 35	16 55	0 48	24 6	1 7	17 56	1 40	21 9	0 1	21 19	0 36	21 29	0 48	20 27	20 44	23 10		n.a.
S 26	1 46	5 21	3 13	8 44	2 35	17 39	0 29	17 0	0 46	24 6	1 6	17 54	1 40	21 9	0 1	21 19	0 36	21 29	0 48	20 28	20 45	23 8		n.a.
M27	1 22	1n 3	4 6	9 18	2 41	17 28	0 24	17 6	0 44	24 6	1 6	17 52	1 40	21 9	0 1	21 19	0 36	21 29	0 48	20 30	20 46	23 6		n.a.
T 28	0 59	7 18	4 42	9 49	2 45	17 17	0 18	17 11	0 42	24 5	1 6	17 50	1 41	21 9	0 1	21 19	0 36	21 29	0 48	20 31	20 46	23 4		n.a.
W29	0 36	13 2	5 2	10 17	2 48	17 5	0 13	17 16	0 40	24 5	1 6	17 48	1 41	21 9	0 1	21 18	0 36	21 29	0 48	20 34	20 47	23 2		n.a.
T 30	0 12	18 1	5 4	10 43	2 51	16 53	0 7	17 21	0 38	24 5	1 6	17 47	1 41	21 9	0 1	21 18	0 36	21 29	0 48	20 36	20 48	23 0		n.a.
F 31	0n11	21n59	4n49	11n 5	2n52	16s40	0n 2	17s26	0n36	24n 5	1n 6	17s45	1s41	21s 8	0s 1	21s18	0s37	21s29	0n48	20s37	20s48	22n59		n.a.

Julian Day Number = 1374129.5, Delta T = 06h48m06s
Ecliptic obliquity = 23°48'37, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°12'11, Lahiri = -17°05'10 Julian Calendar 1 March 951 BCE == Greg. Calendar 20 Feb. 951 BCE

The year -950 astronomical counting style corresponds to year 951 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 951 BCE
geocentric

APRIL 951 BCE (-950) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 59 15	1♈25'16	0♊21	22♈ 9	15♒40	20♏11	14♋45	16♒34	3°R12	28♑54	9°R51	29°R 9	28♑20	20♋23	n.a.	S 1
S 2	12 3 12	2°23'07	12°41	22°55	16°42	20°21	14°47	16°40	3♐12	28°55	9♐51	29♑ 5	28°17	20°29	n.a.	S 2
M 3	12 7 8	3°20'56	24°47	23°36	17°44	20°30	14°49	16°46	3°11	28°56	9°51	29° 3	28°14	20°36	n.a.	M 3
T 4	12 11 5	4°18'43	6♋41	24°11	18°46	20°38	14°52	16°52	3°10	28°57	9°50	29°D 3	28°11	20°42	n.a.	T 4
W 5	12 15 1	5°16'29	18°30	24°42	19°49	20°46	14°54	16°58	3° 9	28°59	9°50	29° 3	28° 7	20°49	n.a.	W 5
T 6	12 18 58	6°14'12	0♌18	25° 8	20°52	20°53	14°57	17° 4	3° 8	29° 0	9°50	29°R 4	28° 4	20°56	n.a.	T 6
F 7	12 22 55	7°11'54	12°12	25°29	21°55	20°59	15° 0	17°10	3° 7	29° 1	9°49	29° 3	28° 1	21° 2	n.a.	F 7
S 8	12 26 51	8° 9'34	24°16	25°45	22°58	21° 5	15° 3	17°15	3° 6	29° 2	9°49	29° 0	27°58	21° 9	n.a.	S 8
S 9	12 30 48	9° 7'13	6♍33	25°56	24° 1	21°10	15° 7	17°21	3° 5	29° 3	9°48	28°55	27°55	21°16	n.a.	S 9
M10	12 34 44	10° 4'49	19° 6	26° 1	25° 5	21°15	15°10	17°26	3° 4	29° 4	9°48	28°47	27°52	21°22	n.a.	M10
T 11	12 38 41	11° 2'24	1♎57	26°R 2	26° 9	21°18	15°14	17°32	3° 3	29° 5	9°47	28°37	27°48	21°29	n.a.	T 11
W12	12 42 37	11°59'58	15° 5	25°58	27°13	21°21	15°18	17°37	3° 2	29° 6	9°46	28°25	27°45	21°36	n.a.	W12
T 13	12 46 34	12°57'31	28°29	25°50	28°17	21°23	15°22	17°43	3° 1	29° 7	9°46	28°14	27°42	21°42	n.a.	T 13
F 14	12 50 30	13°55'02	12♏ 8	25°37	29°22	21°25	15°26	17°48	2°59	29° 8	9°45	28° 3	27°39	21°49	n.a.	F 14
S 15	12 54 27	14°52'32	25°57	25°20	0♓27	21°26	15°30	17°53	2°58	29° 9	9°44	27°54	27°36	21°56	n.a.	S 15
S 16	12 58 24	15°50'01	9♐53	25° 0	1°32	21°R26	15°35	17°58	2°57	29°10	9°44	27°47	27°33	22° 2	n.a.	S 16
M17	13 2 20	16°47'30	23°55	24°36	2°37	21°25	15°40	18° 4	2°55	29°10	9°43	27°44	27°29	22° 9	n.a.	M17
T 18	13 6 17	17°44'57	8♑ 0	24° 9	3°42	21°24	15°44	18° 9	2°54	29°11	9°42	27°42	27°26	22°15	n.a.	T 18
W19	13 10 13	18°42'23	22° 7	23°39	4°47	21°21	15°49	18°14	2°52	29°12	9°41	27°42	27°23	22°22	n.a.	W19
T 20	13 14 10	19°39'49	6♒15	23° 8	5°53	21°18	15°54	18°18	2°51	29°13	9°41	27°42	27°20	22°29	n.a.	T 20
F 21	13 18 6	20°37'13	20°23	22°35	6°59	21°15	16° 0	18°23	2°49	29°13	9°40	27°41	27°17	22°35	n.a.	F 21
S 22	13 22 3	21°34'37	4♓29	22° 1	8° 5	21°10	16° 5	18°28	2°48	29°14	9°39	27°37	27°13	22°42	n.a.	S 22
S 23	13 25 59	22°32'00	18°32	21°28	9°11	21° 5	16°11	18°33	2°46	29°15	9°38	27°31	27°10	22°49	n.a.	S 23
M24	13 29 56	23°29'22	2♈26	20°54	10°17	20°59	16°16	18°37	2°44	29°15	9°37	27°22	27° 7	22°55	n.a.	M24
T 25	13 33 53	24°26'43	16°10	20°21	11°24	20°52	16°22	18°42	2°43	29°16	9°36	27°11	27° 4	23° 2	n.a.	T 25
W26	13 37 49	25°24'03	29°39	19°50	12°30	20°44	16°28	18°46	2°41	29°16	9°35	26°58	27° 1	23° 9	n.a.	W26
T 27	13 41 46	26°21'22	12♉51	19°21	13°37	20°36	16°34	18°51	2°39	29°17	9°34	26°46	26°58	23°15	n.a.	T 27
F 28	13 45 42	27°18'40	25°45	18°54	14°43	20°27	16°41	18°55	2°37	29°17	9°33	26°35	26°54	23°22	n.a.	F 28
S 29	13 49 39	28°15'58	8♊19	18°30	15°50	20°17	16°47	18°59	2°35	29°18	9°32	26°26	26°51	23°29	n.a.	S 29
S 30	13 53 35	29♈13'14	20♊37	18♈ 9	16♓57	20♏ 7	16♋54	19♒ 3	2♐34	29♑18	9♐31	26♑20	26♑48	23♋35	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n34	24n47	4n21	11n25	2n53	16s27	0s 3	17s31	0n34	24n 4	1n 6	17s43	1s41	21s 8	0s 1	21s18	0s37	21s29	0n48	20s39	20s49	22n57		n.a.
S 2	0 58	26 20	3 41	11 42	2 52	16 13	0 9	17 36	0 32	24 4	1 6	17 42	1 42	21 8	0 1	21 17	0 37	21 29	0 48	20 40	20 49	22 55		n.a.
M 3	1 21	26 35	2 52	11 56	2 51	15 58	0 14	17 41	0 29	24 4	1 6	17 40	1 42	21 8	0 1	21 17	0 37	21 29	0 48	20 40	20 50	22 53		n.a.
T 4	1 44	25 35	1 57	12 7	2 48	15 43	0 18	17 45	0 27	24 3	1 6	17 38	1 42	21 8	0 1	21 17	0 37	21 29	0 48	20 40	20 51	22 51		n.a.
W 5	2 8	23 26	0 56	12 16	2 45	15 28	0 23	17 50	0 25	24 3	1 5	17 37	1 42	21 8	0 1	21 17	0 37	21 29	0 48	20 40	20 51	22 49		n.a.
T 6	2 31	20 17	0s 7	12 21	2 40	15 12	0 28	17 54	0 22	24 2	1 5	17 35	1 42	21 8	0 1	21 17	0 37	21 29	0 48	20 40	20 52	22 47		n.a.
F 7	2 54	16 17	1 10	12 23	2 34	14 56	0 33	17 58	0 20	24 2	1 5	17 33	1 42	21 7	0 1	21 16	0 37	21 29	0 48	20 40	20 53	22 45		n.a.
S 8	3 17	11 36	2 10	12 23	2 27	14 39	0 37	18 2	0 17	24 1	1 5	17 32	1 43	21 7	0 1	21 16	0 37	21 29	0 47	20 41	20 53	22 43		n.a.
S 9	3 40	6 23	3 5	12 19	2 19	14 22	0 41	18 6	0 14	24 1	1 5	17 30	1 43	21 7	0 1	21 16	0 37	21 29	0 47	20 42	20 54	22 41		n.a.
M10	4 3	0 49	3 53	12 13	2 10	14 4	0 46	18 10	0 12	24 0	1 5	17 29	1 43	21 7	0 1	21 16	0 37	21 29	0 47	20 43	20 55	22 40		n.a.
T 11	4 26	4s54	4 30	12 3	1 59	13 46	0 50	18 13	0 9	24 0	1 5	17 27	1 43	21 7	0 1	21 16	0 37	21 29	0 47	20 45	20 55	22 38		n.a.
W12	4 49	10 32	4 53	11 51	1 48	13 28	0 54	18 17	0 6	23 59	1 5	17 26	1 43	21 6	0 1	21 15	0 37	21 29	0 47	20 48	20 56	22 36		n.a.
T 13	5 12	15 47	5 1	11 37	1 36	13 9	0 58	18 20	0 3	23 59	1 5	17 24	1 44	21 6	0 1	21 15	0 37	21 29	0 47	20 50	20 57	22 34		n.a.
F 14	5 34	20 20	4 53	11 20	1 22	12 50	1 1	18 24	0 0	23 58	1 4	17 23	1 44	21 6	0 1	21 15	0 37	21 29	0 47	20 52	20 57	22 32		n.a.
S 15	5 57	23 51	4 27	11 0	1 8	12 30	1 5	18 27	0s 3	23 57	1 4	17 21	1 44	21 6	0 1	21 15	0 37	21 29	0 47	20 54	20 58	22 30		n.a.
S 16	6 19	25 59	3 45	10 39	0 53	12 10	1 9	18 30	0 6	23 57	1 4	17 20	1 44	21 5	0 1	21 15	0 37	21 29	0 47	20 55	20 58	22 28		n.a.
M17	6 42	26 29	2 49	10 15	0 38	11 49	1 12	18 33	0 9	23 56	1 4	17 18	1 44	21 5	0 1	21 15	0 37	21 29	0 47	20 56	20 59	22 26		n.a.
T 18	7 4	25 16	1 42	9 50	0 21	11 28	1 15	18 35	0 12	23 56	1 4	17 17	1 45	21 5	0 1	21 14	0 37	21 29	0 47	20 57	21 0	22 24		n.a.
W19	7 26	22 27	0 30	9 24	0 5	11 7	1 19	18 38	0 16	23 55	1 4	17 16	1 45	21 5	0 1	21 14	0 37	21 29	0 47	20 57	21 0	22 22		n.a.
T 20	7 48	18 16	0n45	8 56	0s12	10 45	1 22	18 40	0 19	23 54	1 4	17 14	1 45	21 4	0 1	21 14	0 37	21 29	0 47	20 57	21 1	22 20		n.a.
F 21	8 10	13 4	1 57	8 28	0 29	10 23	1 25	18 43	0 22	23 53	1 4	17 13	1 45	21 4	0 1	21 14	0 37	21 29	0 46	20 57	21 2	22 18		n.a.
S 22	8 32	7 12	3 1	8 0	0 46	10 1	1 28	18 45	0 26	23 53	1 4	17 12	1 45	21 4	0 1	21 14	0 37	21 29	0 46	20 58	21 2	22 16		n.a.
S 23	8 54	1 1	3 54	7 31	1 3	9 38	1 30	18 47	0 29	23 52	1 4	17 10	1 46	21 3	0 1	21 14	0 37	21 29	0 46	20 59	21 3	22 14		n.a.
M24	9 16	5n 9	4 33	7 3	1 20	9 16	1 33	18 48	0 33	23 51	1 3	17 9	1 46	21 3	0 1	21 14	0 37	21 29	0 46	21 1	21 4	22 12		n.a.
T 25	9 37	10 59	4 55	6 36	1 36	8 52	1 36	18 50	0 37	23 50	1 3	17 8	1 46	21 3	0 1	21 14	0 37	21 28	0 46	21 3	21 4	22 10		n.a.
W26	9 58	16 11	5 0	6 9	1 52	8 29	1 38	18 52	0 40	23 49	1 3	17 7	1 46	21 2	0 1	21 14	0 37	21 28	0 46	21 5	21 5	22 8		n.a.
T 27	10 19	20 31	4 49	5 44	2 6	8 5	1 40	18 53	0 44	23 48	1 3	17 6	1 47	21 2	0 1	21 14	0 37	21 28	0 46	21 8	21 5	22 6		n.a.
F 28	10 40	23 45	4 23	5 21	2 20	7 41	1 43	18 54	0 48	23 48	1 3	17 4	1 47	21 2	0 1	21 14	0 37	21 28	0 46	21 10	21 6	22 4		n.a.
S 29	11 1	25 44	3 45	5 0	2 33	7 16	1 45	18 55	0 52	23 47	1 3	17 3	1 47	21 1	0 1	21 13	0 37	21 28	0 46	21 12	21 7	22 2		n.a.
S 30	11n22	26n25	2n57	4n41	2s45	6s52	1s47	18s56	0s55	23n46	1n 3	17s 2	1s47	21s 1	0s 1	21s13	0s37	21s28	0n46	21s13	21s 7	22n 0		n.a.

Julian Day Number = 1374160.5, Delta T = 06h48m04s
Ecliptic obliquity = 23°48'37, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°12'07, Lahiri = -17°05'06 Julian Calendar 1 Apr. 951 BCE == Greg. Calendar 23 March 951 BCE

The year -950 astronomical counting style corresponds to year 951 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 951 BCE
geocentric

MAY 951 BCE (-950) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 57 32	0♉10'29	2♋41	17°R52	18♓ 5	19°R56	17♋ 1	19♒ 7	2°R32	29♏19	9°R30	26°R16	26♏45	23♋42	n.a.	M 1
T 2	14 1 28	1° 7'43	14°34	17♈39	19°12	19♏44	17° 7	19°11	2♐30	29°19	9♐29	26♏14	26°42	23°49	n.a.	T 2
W 3	14 5 25	2° 4'56	26°23	17°30	20°19	19°32	17°14	19°15	2°28	29°19	9°28	26°14	26°39	23°55	n.a.	W 3
T 4	14 9 22	3° 2'08	8♌12	17°25	21°27	19°19	17°21	19°19	2°26	29°19	9°27	26°14	26°35	24° 2	n.a.	T 4
F 5	14 13 18	3°59'20	20° 7	17°D24	22°34	19° 6	17°29	19°22	2°24	29°20	9°26	26°13	26°32	24° 8	n.a.	F 5
S 6	14 17 15	4°56'30	2♍14	17°28	23°42	18°52	17°36	19°26	2°22	29°20	9°25	26°11	26°29	24°15	n.a.	S 6
S 7	14 21 11	5°53'39	14°36	17°37	24°50	18°37	17°44	19°30	2°20	29°20	9°24	26° 6	26°26	24°22	n.a.	S 7
M 8	14 25 8	6°50'48	27°17	17°50	25°58	18°22	17°51	19°33	2°18	29°20	9°23	25°58	26°23	24°28	n.a.	M 8
T 9	14 29 4	7°47'55	10♎20	18° 8	27° 6	18° 6	17°59	19°36	2°15	29°20	9°21	25°49	26°19	24°35	n.a.	T 9
W10	14 33 1	8°45'03	23°45	18°30	28°14	17°51	18° 7	19°40	2°13	29°20	9°20	25°38	26°16	24°42	n.a.	W10
T 11	14 36 57	9°42'09	7♏30	18°57	29°22	17°34	18°15	19°43	2°11	29°20	9°19	25°26	26°13	24°48	n.a.	T 11
F 12	14 40 54	10°39'15	21°33	19°28	0♈30	17°18	18°23	19°46	2° 9	29°R20	9°18	25°16	26°10	24°55	n.a.	F 12
S 13	14 44 51	11°36'21	5♐47	20° 3	1°39	17° 1	18°31	19°49	2° 7	29°20	9°16	25° 7	26° 7	25° 2	n.a.	S 13
S 14	14 48 47	12°33'27	20° 8	20°43	2°47	16°43	18°39	19°52	2° 5	29°20	9°15	25° 1	26° 4	25° 8	n.a.	S 14
M15	14 52 44	13°30'32	4♑31	21°27	3°56	16°26	18°48	19°54	2° 2	29°20	9°14	24°57	26° 0	25°15	n.a.	M15
T 16	14 56 40	14°27'38	18°51	22°15	5° 5	16° 8	18°56	19°57	2° 0	29°20	9°13	24°D56	25°57	25°22	n.a.	T 16
W17	15 0 37	15°24'43	3♒ 6	23° 7	6°14	15°50	19° 5	20° 0	1°58	29°20	9°11	24°56	25°54	25°28	n.a.	W17
T 18	15 4 33	16°21'48	17°13	24° 3	7°23	15°32	19°14	20° 2	1°55	29°20	9°10	24°R56	25°51	25°35	n.a.	T 18
F 19	15 8 30	17°18'54	1♓13	25° 4	8°32	15°14	19°23	20° 5	1°53	29°20	9° 9	24°55	25°48	25°41	n.a.	F 19
S 20	15 12 27	18°15'59	15° 3	26° 8	9°41	14°56	19°32	20° 7	1°51	29°19	9° 7	24°52	25°44	25°48	n.a.	S 20
S 21	15 16 23	19°13'05	28°45	27°16	10°50	14°38	19°41	20° 9	1°49	29°19	9° 6	24°47	25°41	25°55	n.a.	S 21
M22	15 20 20	20°10'11	12♈16	28°27	11°59	14°20	19°50	20°11	1°46	29°19	9° 5	24°40	25°38	26° 1	n.a.	M22
T 23	15 24 16	21° 7'16	25°35	29°43	13° 9	14° 2	19°59	20°13	1°44	29°18	9° 3	24°30	25°35	26° 8	n.a.	T 23
W24	15 28 13	22° 4'22	8♉42	1♉ 2	14°18	13°44	20° 9	20°15	1°41	29°18	9° 2	24°20	25°32	26°15	n.a.	W24
T 25	15 32 9	23° 1'28	21°34	2°25	15°28	13°26	20°18	20°17	1°39	29°18	9° 0	24° 9	25°29	26°21	n.a.	T 25
F 26	15 36 6	23°58'34	4♊12	3°51	16°37	13° 9	20°28	20°19	1°37	29°17	8°59	24° 0	25°25	26°28	n.a.	F 26
S 27	15 40 2	24°55'40	16°35	5°21	17°47	12°52	20°38	20°21	1°34	29°17	8°58	23°52	25°22	26°35	n.a.	S 27
S 28	15 43 59	25°52'46	28°45	6°54	18°57	12°35	20°47	20°22	1°32	29°16	8°56	23°47	25°19	26°41	n.a.	S 28
M29	15 47 56	26°49'52	10♋45	8°31	20° 6	12°19	20°57	20°24	1°29	29°16	8°55	23°44	25°16	26°48	n.a.	M29
T 30	15 51 52	27°46'58	22°36	10°11	21°16	12° 3	21° 7	20°25	1°27	29°15	8°53	23°D43	25°13	26°55	n.a.	T 30
W31	15 55 49	28♉44'04	4♌23	11♉55	22♈26	11♏48	21♋17	20♒26	1♐25	29♏15	8♐52	23♏43	25♏10	27♋ 1	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	11n42	25n48	2n 1	4n24	2s56	6s27	1s49	18s57	0s59	23n45	1n 3	17s 1	1s47	21s 1	0s 1	21s13	0s38	21s28	0n46	21s13	21s 8	21n58			n.a.
T 2	12 3	24 1	1 1	4 10	3 6	6 2	1 50	18 57	1 3	23 44	1 3	17 0	1 48	21 0	0 1	21 13	0 38	21 28	0 46	21 14	21 8	21 56			n.a.
W 3	12 23	21 11	0s 1	3 58	3 15	5 36	1 52	18 58	1 7	23 43	1 3	16 59	1 48	21 0	0 1	21 13	0 38	21 28	0 45	21 14	21 9	21 54			n.a.
T 4	12 43	17 29	1 3	3 50	3 23	5 11	1 54	18 58	1 11	23 42	1 2	16 58	1 48	20 59	0 1	21 13	0 38	21 28	0 45	21 14	21 10	21 52			n.a.
F 5	13 3	13 3	2 3	3 44	3 29	4 45	1 55	18 58	1 15	23 41	1 2	16 57	1 48	20 59	0 1	21 13	0 38	21 28	0 45	21 14	21 10	21 50			n.a.
S 6	13 22	8 4	2 58	3 40	3 34	4 19	1 57	18 58	1 19	23 40	1 2	16 56	1 49	20 59	0 1	21 13	0 38	21 28	0 45	21 14	21 11	21 48			n.a.
S 7	13 41	2 41	3 47	3 40	3 38	3 53	1 58	18 58	1 23	23 39	1 2	16 55	1 49	20 58	0 1	21 13	0 38	21 28	0 45	21 15	21 12	21 46			n.a.
M 8	14 1	2s57	4 25	3 42	3 41	3 27	1 59	18 58	1 28	23 37	1 2	16 54	1 49	20 58	0 1	21 13	0 38	21 27	0 45	21 17	21 12	21 44			n.a.
T 9	14 20	8 36	4 51	3 47	3 43	3 0	2 0	18 57	1 32	23 36	1 2	16 54	1 49	20 57	0 1	21 13	0 38	21 27	0 45	21 19	21 13	21 41			n.a.
W10	14 38	14 0	5 1	3 55	3 44	2 34	2 1	18 57	1 36	23 35	1 2	16 53	1 50	20 57	0 1	21 13	0 38	21 27	0 45	21 21	21 13	21 39			n.a.
T 11	14 57	18 52	4 55	4 5	3 44	2 7	2 2	18 56	1 40	23 34	1 2	16 52	1 50	20 57	0 1	21 13	0 38	21 27	0 45	21 23	21 14	21 37			n.a.
F 12	15 15	22 47	4 31	4 18	3 43	1 40	2 3	18 55	1 44	23 33	1 2	16 51	1 50	20 56	0 1	21 13	0 38	21 27	0 45	21 25	21 15	21 35			n.a.
S 13	15 33	25 22	3 50	4 33	3 41	1 13	2 3	18 54	1 48	23 32	1 2	16 51	1 50	20 56	0 1	21 13	0 38	21 27	0 45	21 26	21 15	21 33			n.a.
S 14	15 51	26 19	2 54	4 51	3 38	0 46	2 4	18 53	1 52	23 30	1 2	16 50	1 51	20 55	0 1	21 13	0 38	21 27	0 45	21 28	21 16	21 31			n.a.
M15	16 8	25 30	1 46	5 11	3 34	0 18	2 4	18 51	1 56	23 29	1 2	16 49	1 51	20 55	0 1	21 13	0 38	21 27	0 44	21 28	21 16	21 29			n.a.
T 16	16 25	23 0	0 32	5 34	3 29	0n 9	2 5	18 50	2 0	23 28	1 1	16 49	1 51	20 54	0 2	21 13	0 38	21 27	0 44	21 29	21 17	21 27			n.a.
W17	16 43	19 4	0n43	5 58	3 24	0 36	2 5	18 49	2 4	23 26	1 1	16 48	1 51	20 54	0 2	21 14	0 38	21 26	0 44	21 29	21 18	21 25			n.a.
T 18	16 59	14 5	1 56	6 25	3 18	1 4	2 5	18 47	2 8	23 25	1 1	16 47	1 52	20 54	0 2	21 14	0 38	21 26	0 44	21 28	21 18	21 23			n.a.
F 19	17 16	8 24	3 0	6 53	3 11	1 31	2 5	18 45	2 12	23 24	1 1	16 47	1 52	20 53	0 2	21 14	0 38	21 26	0 44	21 29	21 19	21 21			n.a.
S 20	17 32	2 23	3 54	7 24	3 4	1 59	2 5	18 43	2 16	23 22	1 1	16 46	1 52	20 53	0 2	21 14	0 38	21 26	0 44	21 29	21 19	21 18			n.a.
S 21	17 48	3n39	4 33	7 56	2 56	2 26	2 5	18 42	2 20	23 21	1 1	16 46	1 52	20 52	0 2	21 14	0 38	21 26	0 44	21 30	21 20	21 16			n.a.
M22	18 4	9 27	4 57	8 30	2 47	2 54	2 5	18 40	2 23	23 19	1 1	16 45	1 53	20 52	0 2	21 14	0 38	21 26	0 44	21 31	21 21	21 14			n.a.
T 23	18 19	14 44	5 3	9 5	2 38	3 22	2 4	18 38	2 27	23 18	1 1	16 45	1 53	20 51	0 2	21 14	0 38	21 26	0 44	21 33	21 21	21 12			n.a.
W24	18 34	19 15	4 54	9 42	2 28	3 49	2 4	18 36	2 31	23 17	1 1	16 45	1 53	20 51	0 2	21 14	0 38	21 26	0 44	21 35	21 22	21 10			n.a.
T 25	18 49	22 46	4 30	10 20	2 18	4 17	2 4	18 34	2 34	23 15	1 1	16 44	1 53	20 50	0 2	21 14	0 38	21 26	0 44	21 37	21 22	21 8			n.a.
F 26	19 3	25 7	3 53	11 0	2 7	4 44	2 3	18 32	2 38	23 14	1 1	16 44	1 54	20 50	0 2	21 14	0 38	21 25	0 43	21 39	21 23	21 6			n.a.
S 27	19 18	26 12	3 5	11 41	1 56	5 12	2 2	18 30	2 41	23 12	1 1	16 44	1 54	20 49	0 2	21 15	0 38	21 25	0 43	21 40	21 24	21 3			n.a.
S 28	19 31	25 58	2 10	12 22	1 45	5 39	2 2	18 28	2 44	23 10	1 1	16 43	1 54	20 49	0 2	21 15	0 38	21 25	0 43	21 41	21 24	21 1			n.a.
M29	19 45	24 31	1 9	13 5	1 34	6 7	2 1	18 26	2 48	23 9	1 1	16 43	1 55	20 48	0 2	21 15	0 38	21 25	0 43	21 41	21 25	20 59			n.a.
T 30	19 58	21 59	0 6	13 48	1 22	6 34	2 0	18 24	2 51	23 7	1 1	16 43	1 55	20 48	0 2	21 15	0 38	21 25	0 43	21 42	21 25	20 57			n.a.
W31	20n11	18n32	0s57	14n32	1s10	7n 1	1s59	18s22	2s54	23n 5	1n 0	16s43	1s55	20s47	0s 2	21s15	0s38	21s25	0n43	21s41	21s26	20n55			n.a.

Julian Day Number = 1374190.5, Delta T = 06h48m03s
Ecliptic obliquity = 23°48'36, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°12'02, Lahiri = -17°05'02 Julian Calendar 1 May 951 BCE == Greg. Calendar 22 Apr. 951 BCE

The year -950 astronomical counting style corresponds to year 951 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 951 BCE
geocentric

JUNE 951 BCE (-950) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 59 45	29♉41'10	16♌12	13♉41	23♈36	11°R33	21♋27	20♒27	1°R22	29°R14	8°R50	23♑44	25♑ 6	27♋ 8	n.a.	T 1
F 2	16 3 42	0♊38'16	28° 7	15°31	24°46	11♏19	21°38	20°28	1♐20	29♑13	8♐49	23°R45	25° 3	27°15	n.a.	F 2
S 3	16 7 38	1°35'22	10♍13	17°23	25°56	11° 5	21°48	20°29	1°17	29°13	8°48	23°45	25° 0	27°21	n.a.	S 3
S 4	16 11 35	2°32'28	22°35	19°18	27° 7	10°52	21°58	20°30	1°15	29°12	8°46	23°43	24°57	27°28	n.a.	S 4
M 5	16 15 32	3°29'34	5♎19	21°16	28°17	10°39	22° 9	20°31	1°12	29°11	8°45	23°39	24°54	27°34	n.a.	M 5
T 6	16 19 28	4°26'40	18°26	23°16	29°27	10°28	22°19	20°31	1°10	29°10	8°43	23°33	24°50	27°41	n.a.	T 6
W 7	16 23 25	5°23'46	1♏59	25°18	0♉38	10°16	22°30	20°32	1° 8	29°10	8°42	23°26	24°47	27°48	n.a.	W 7
T 8	16 27 21	6°20'53	15°57	27°22	1°48	10° 6	22°41	20°32	1° 5	29° 9	8°40	23°18	24°44	27°54	n.a.	T 8
F 9	16 31 18	7°18'00	0♐16	29°27	2°59	9°56	22°52	20°33	1° 3	29° 8	8°39	23°11	24°41	28° 1	n.a.	F 9
S 10	16 35 14	8°15'08	14°52	1♊33	4°10	9°47	23° 2	20°33	1° 0	29° 7	8°37	23° 6	24°38	28° 8	n.a.	S 10
S 11	16 39 11	9°12'16	29°37	3°41	5°20	9°39	23°13	20°33	0°58	29° 6	8°36	23° 2	24°35	28°14	n.a.	S 11
M12	16 43 7	10° 9'26	14♑23	5°48	6°31	9°32	23°24	20°R33	0°56	29° 5	8°34	23° 0	24°31	28°21	n.a.	M12
T 13	16 47 4	11° 6'35	29° 5	7°56	7°42	9°25	23°35	20°33	0°53	29° 4	8°33	23°D 0	24°28	28°28	n.a.	T 13
W14	16 51 1	12° 3'46	13♒36	10° 4	8°53	9°19	23°47	20°33	0°51	29° 3	8°31	23° 1	24°25	28°34	n.a.	W14
T 15	16 54 57	13° 0'58	27°54	12°12	10° 4	9°14	23°58	20°32	0°48	29° 2	8°30	23° 2	24°22	28°41	n.a.	T 15
F 16	16 58 54	13°58'10	11♓56	14°19	11°15	9°10	24° 9	20°32	0°46	29° 1	8°28	23°R 3	24°19	28°48	n.a.	F 16
S 17	17 2 50	14°55'24	25°41	16°26	12°26	9° 7	24°20	20°32	0°44	29° 0	8°27	23° 2	24°16	28°54	n.a.	S 17
S 18	17 6 47	15°52'38	9♈11	18°31	13°37	9° 4	24°32	20°31	0°41	28°59	8°26	23° 0	24°12	29° 1	n.a.	S 18
M19	17 10 43	16°49'54	22°25	20°36	14°48	9° 2	24°43	20°30	0°39	28°58	8°24	22°56	24° 9	29° 8	n.a.	M19
T 20	17 14 40	17°47'11	5♉24	22°39	16° 0	9° 1	24°55	20°29	0°37	28°57	8°23	22°52	24° 6	29°14	n.a.	T 20
W21	17 18 36	18°44'29	18°10	24°41	17°11	9°D 1	25° 7	20°28	0°35	28°56	8°21	22°46	24° 3	29°21	n.a.	W21
T 22	17 22 33	19°41'48	0♊43	26°42	18°23	9° 2	25°18	20°27	0°32	28°55	8°20	22°40	24° 0	29°27	n.a.	T 22
F 23	17 26 30	20°39'08	13° 4	28°41	19°34	9° 4	25°30	20°26	0°30	28°54	8°18	22°35	23°56	29°34	n.a.	F 23
S 24	17 30 26	21°36'30	25°14	0♋38	20°46	9° 6	25°42	20°25	0°28	28°52	8°17	22°31	23°53	29°41	n.a.	S 24
S 25	17 34 23	22°33'52	7♋15	2°35	21°57	9° 9	25°54	20°24	0°26	28°51	8°15	22°29	23°50	29°47	n.a.	S 25
M26	17 38 19	23°31'15	19° 8	4°29	23° 9	9°13	26° 5	20°22	0°24	28°50	8°14	22°D28	23°47	29°54	n.a.	M26
T 27	17 42 16	24°28'39	0♌56	6°22	24°21	9°18	26°17	20°21	0°21	28°49	8°13	22°28	23°44	0♌ 1	n.a.	T 27
W28	17 46 12	25°26'04	12°43	8°13	25°33	9°24	26°29	20°19	0°19	28°47	8°11	22°29	23°41	0° 7	n.a.	W28
T 29	17 50 9	26°23'30	24°31	10° 3	26°44	9°30	26°41	20°18	0°17	28°46	8°10	22°31	23°37	0°14	n.a.	T 29
F 30	17 54 6	27♊20'57	6♍26	11♋51	27♉56	9♏38	26♋54	20♒16	0♐15	28♑45	8♐ 8	22♑32	23♑34	0♌21	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n24	14n21	1s58	15n16	0s58	7n29	1s58	18s20	2s57	23n 4	1n 0	16s43	1s55	20s47	0s 2	21s15	0s39	21s25	0n43	21s41	21s27	20n53		n.a.
F 2	20 36	9 35	2 54	16 0	0 46	7 56	1 57	18 18	3 0	23 2	1 0	16 43	1 56	20 46	0 2	21 15	0 39	21 24	0 43	21 41	21 27	20 50		n.a.
S 3	20 48	4 24	3 44	16 44	0 34	8 23	1 56	18 16	3 3	23 0	1 0	16 43	1 56	20 46	0 2	21 16	0 39	21 24	0 43	21 41	21 28	20 48		n.a.
S 4	20 59	1s 3	4 24	17 28	0 23	8 49	1 54	18 15	3 5	22 59	1 0	16 43	1 56	20 45	0 2	21 16	0 39	21 24	0 43	21 42	21 28	20 46		n.a.
M 5	21 11	6 36	4 53	18 11	0 11	9 16	1 53	18 13	3 8	22 57	1 0	16 43	1 56	20 45	0 2	21 16	0 39	21 24	0 43	21 42	21 29	20 44		n.a.
T 6	21 22	12 3	5 7	18 53	0n 1	9 43	1 52	18 12	3 11	22 55	1 0	16 43	1 57	20 44	0 2	21 16	0 39	21 24	0 42	21 43	21 29	20 42		n.a.
W 7	21 32	17 6	5 5	19 34	0 12	10 9	1 50	18 10	3 13	22 53	1 0	16 43	1 57	20 44	0 2	21 16	0 39	21 24	0 42	21 44	21 30	20 39		n.a.
T 8	21 42	21 24	4 45	20 14	0 22	10 35	1 49	18 9	3 15	22 51	1 0	16 43	1 57	20 43	0 2	21 17	0 39	21 24	0 42	21 46	21 31	20 37		n.a.
F 9	21 52	24 32	4 6	20 53	0 33	11 1	1 47	18 8	3 18	22 50	1 0	16 43	1 57	20 43	0 2	21 17	0 39	21 24	0 42	21 47	21 31	20 35		n.a.
S 10	22 1	26 6	3 12	21 29	0 43	11 27	1 45	18 7	3 20	22 48	1 0	16 43	1 58	20 42	0 2	21 17	0 39	21 23	0 42	21 48	21 32	20 33		n.a.
S 11	22 10	25 52	2 3	22 4	0 52	11 53	1 44	18 7	3 22	22 46	1 0	16 43	1 58	20 42	0 2	21 17	0 39	21 23	0 42	21 49	21 32	20 31		n.a.
M12	22 19	23 47	0 47	22 36	1 1	12 18	1 42	18 6	3 24	22 44	1 0	16 44	1 58	20 41	0 2	21 17	0 39	21 23	0 42	21 49	21 33	20 28		n.a.
T 13	22 27	20 7	0n33	23 6	1 9	12 43	1 40	18 6	3 26	22 42	1 0	16 44	1 59	20 41	0 2	21 18	0 39	21 23	0 42	21 49	21 33	20 26		n.a.
W14	22 35	15 15	1 50	23 33	1 16	13 8	1 38	18 5	3 27	22 40	1 0	16 44	1 59	20 40	0 2	21 18	0 39	21 23	0 42	21 49	21 34	20 24		n.a.
T 15	22 43	9 36	2 58	23 58	1 23	13 32	1 36	18 5	3 29	22 38	1 0	16 45	1 59	20 40	0 2	21 18	0 39	21 23	0 42	21 49	21 35	20 22		n.a.
F 16	22 50	3 35	3 55	24 20	1 29	13 57	1 34	18 5	3 31	22 36	1 0	16 45	1 59	20 39	0 2	21 18	0 39	21 23	0 41	21 48	21 35	20 19		n.a.
S 17	22 57	2n29	4 37	24 40	1 34	14 21	1 32	18 6	3 32	22 34	1 0	16 45	2 0	20 39	0 2	21 19	0 39	21 22	0 41	21 49	21 36	20 17		n.a.
S 18	23 3	8 19	5 2	24 56	1 38	14 45	1 30	18 6	3 33	22 32	1 0	16 46	2 0	20 38	0 2	21 19	0 39	21 22	0 41	21 49	21 36	20 15		n.a.
M19	23 9	13 39	5 11	25 10	1 42	15 8	1 28	18 7	3 35	22 29	1 0	16 46	2 0	20 38	0 2	21 19	0 39	21 22	0 41	21 49	21 37	20 13		n.a.
T 20	23 14	18 17	5 4	25 21	1 45	15 31	1 26	18 8	3 36	22 27	1 0	16 47	2 0	20 38	0 2	21 19	0 39	21 22	0 41	21 50	21 37	20 10		n.a.
W21	23 19	22 0	4 42	25 30	1 48	15 54	1 23	18 9	3 37	22 25	1 0	16 47	2 1	20 37	0 2	21 20	0 39	21 22	0 41	21 51	21 38	20 8		n.a.
T 22	23 24	24 37	4 6	25 35	1 49	16 16	1 21	18 10	3 38	22 23	1 0	16 48	2 1	20 37	0 2	21 20	0 39	21 22	0 41	21 52	21 39	20 6		n.a.
F 23	23 28	26 0	3 19	25 39	1 50	16 38	1 19	18 11	3 39	22 21	1 0	16 49	2 1	20 36	0 2	21 20	0 39	21 22	0 41	21 53	21 39	20 4		n.a.
S 24	23 32	26 7	2 24	25 39	1 51	17 0	1 16	18 13	3 40	22 18	1 0	16 49	2 1	20 36	0 2	21 20	0 39	21 22	0 41	21 54	21 40	20 1		n.a.
S 25	23 36	24 59	1 23	25 38	1 51	17 21	1 14	18 15	3 41	22 16	1 0	16 50	2 2	20 35	0 2	21 21	0 39	21 21	0 41	21 54	21 40	19 59		n.a.
M26	23 39	22 43	0 18	25 34	1 50	17 42	1 11	18 17	3 42	22 14	1 0	16 51	2 2	20 35	0 2	21 21	0 39	21 21	0 40	21 54	21 41	19 57		n.a.
T 27	23 42	19 30	0s46	25 28	1 48	18 2	1 9	18 19	3 43	22 12	1 0	16 51	2 2	20 34	0 2	21 21	0 39	21 21	0 40	21 54	21 41	19 55		n.a.
W28	23 44	15 31	1 49	25 19	1 47	18 22	1 6	18 22	3 43	22 9	1 0	16 52	2 2	20 34	0 2	21 22	0 39	21 21	0 40	21 54	21 42	19 52		n.a.
T 29	23 46	10 55	2 47	25 9	1 44	18 42	1 4	18 24	3 44	22 7	1 0	16 53	2 3	20 33	0 2	21 22	0 39	21 21	0 40	21 54	21 42	19 50		n.a.
F 30	23n47	5n54	3s39	24n57	1n41	19n 1	1s 1	18s27	3s44	22n 5	1n 0	16s54	2s 3	20s33	0s 2	21s22	0s39	21s21	0n40	21s54	21s43	19n48		n.a.

Julian Day Number = 1374221.5, Delta T = 06h48m01s
Ecliptic obliquity = 23°48'35, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°11'58, Lahiri = -17°04'58 Julian Calendar 1 June 951 BCE == Greg. Calendar 23 May 951 BCE

The year -950 astronomical counting style corresponds to year 951 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 951 BCE
geocentric

JULY 951 BCE (-950) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 58 2	28♊18'24	18♍31	13♋38	29♉ 8	9♏46	27♋ 6	20°R14	0°R13	28°R43	8°R 7	22♑34	23♑31	0♌27	n.a.	S 1
S 2	18 1 59	29°15'53	0♎52	15°23	0♊20	9°55	27°18	20♒12	0♐11	28♑42	8♐ 6	22°R34	23°28	0°34	n.a.	S 2
M 3	18 5 55	0♋13'23	13°33	17° 6	1°32	10° 5	27°30	20°10	0° 9	28°40	8° 4	22°33	23°25	0°41	n.a.	M 3
T 4	18 9 52	1°10'53	26°37	18°48	2°45	10°15	27°42	20° 8	0° 7	28°39	8° 3	22°32	23°22	0°47	n.a.	T 4
W 5	18 13 48	2° 8'25	10♏ 9	20°29	3°57	10°26	27°55	20° 5	0° 5	28°38	8° 2	22°30	23°18	0°54	n.a.	W 5
T 6	18 17 45	3° 5'58	24° 7	22° 7	5° 9	10°38	28° 7	20° 3	0° 3	28°36	8° 0	22°27	23°15	1° 1	n.a.	T 6
F 7	18 21 41	4° 3'32	8♐31	23°45	6°21	10°51	28°19	20° 1	0° 1	28°35	7°59	22°24	23°12	1° 7	n.a.	F 7
S 8	18 25 38	5° 1'08	23°16	25°20	7°34	11° 4	28°32	19°58	29♏59	28°33	7°58	22°23	23° 9	1°14	n.a.	S 8
S 9	18 29 35	5°58'44	8♑16	26°55	8°46	11°18	28°44	19°55	29°58	28°32	7°57	22°21	23° 6	1°20	n.a.	S 9
M10	18 33 31	6°56'23	23°21	28°27	9°59	11°33	28°57	19°53	29°56	28°30	7°55	22°D21	23° 2	1°27	n.a.	M10
T 11	18 37 28	7°54'02	8♒24	29°58	11°11	11°48	29° 9	19°50	29°54	28°29	7°54	22°21	22°59	1°34	n.a.	T 11
W12	18 41 24	8°51'44	23°15	1♌28	12°24	12° 4	29°22	19°47	29°52	28°27	7°53	22°22	22°56	1°40	n.a.	W12
T 13	18 45 21	9°49'27	7♓50	2°56	13°36	12°21	29°35	19°44	29°51	28°26	7°52	22°23	22°53	1°47	n.a.	T 13
F 14	18 49 17	10°47'11	22° 3	4°23	14°49	12°38	29°47	19°41	29°49	28°24	7°51	22°24	22°50	1°54	n.a.	F 14
S 15	18 53 14	11°44'58	5♈53	5°48	16° 2	12°56	29°59	19°38	29°48	28°23	7°49	22°R25	22°47	2° 0	n.a.	S 15
S 16	18 57 10	12°42'46	19°20	7°11	17°15	13°14	0♌13	19°35	29°46	28°21	7°48	22°25	22°43	2° 7	n.a.	S 16
M17	19 1 7	13°40'37	2♉27	8°33	18°28	13°33	0°25	19°31	29°44	28°20	7°47	22°24	22°40	2°14	n.a.	M17
T 18	19 5 4	14°38'29	15°14	9°52	19°41	13°53	0°38	19°28	29°43	28°18	7°46	22°23	22°37	2°20	n.a.	T 18
W19	19 9 0	15°36'23	27°45	11°11	20°54	14°13	0°51	19°25	29°41	28°16	7°45	22°22	22°34	2°27	n.a.	W19
T 20	19 12 57	16°34'20	10♊ 3	12°27	22° 7	14°34	1° 4	19°21	29°40	28°15	7°44	22°22	22°31	2°34	n.a.	T 20
F 21	19 16 53	17°32'18	22°10	13°42	23°20	14°56	1°17	19°18	29°39	28°13	7°43	22°21	22°28	2°40	n.a.	F 21
S 22	19 20 50	18°30'18	4♋ 9	14°55	24°33	15°18	1°29	19°14	29°37	28°12	7°42	22°21	22°24	2°47	n.a.	S 22
S 23	19 24 46	19°28'20	16° 1	16° 5	25°46	15°40	1°42	19°10	29°36	28°10	7°41	22°20	22°21	2°54	n.a.	S 23
M24	19 28 43	20°26'23	27°50	17°14	27° 0	16° 3	1°55	19° 6	29°35	28° 8	7°40	22°D20	22°18	3° 0	n.a.	M24
T 25	19 32 39	21°24'28	9♌37	18°21	28°13	16°26	2° 8	19° 3	29°34	28° 7	7°39	22°20	22°15	3° 7	n.a.	T 25
W26	19 36 36	22°22'35	21°24	19°25	29°26	16°50	2°21	18°59	29°32	28° 5	7°38	22°R20	22°12	3°13	n.a.	W26
T 27	19 40 33	23°20'44	3♍16	20°27	0♋40	17°15	2°34	18°55	29°31	28° 3	7°37	22°20	22° 8	3°20	n.a.	T 27
F 28	19 44 29	24°18'54	15°13	21°26	1°53	17°40	2°47	18°51	29°30	28° 2	7°36	22°20	22° 5	3°27	n.a.	F 28
S 29	19 48 26	25°17'06	27°21	22°23	3° 7	18° 5	3° 0	18°47	29°29	28° 0	7°35	22°20	22° 2	3°33	n.a.	S 29
S 30	19 52 22	26°15'20	9♎41	23°17	4°20	18°31	3°13	18°42	29°28	27°58	7°34	22°20	21°59	3°40	n.a.	S 30
M31	19 56 19	27♋13'35	22♎20	24♌ 8	5♋34	18♏58	3♌26	18♒38	29♏27	27♑57	7♐33	22°D19	21♑56	3♌47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	0n36	4s22	24n43	1n38	19n19	0s59	18s30	3s45	22n 2	1n 0	16s55	2s 3	20s33	0s 2	21s23	0s39	21s21	0n40	21s53	21s44	19n45		n.a.
S 2	23 48	4s49	4 53	24 28	1 34	19 37	0 56	18 34	3 45	22 0	1 0	16 55	2 3	20 32	0 2	21 23	0 39	21 21	0 40	21 53	21 44	19 43		n.a.
M 3	23 49	10 12	5 12	24 11	1 30	19 55	0 53	18 37	3 45	21 57	1 0	16 56	2 4	20 32	0 2	21 23	0 39	21 20	0 40	21 53	21 45	19 41		n.a.
T 4	23 48	15 18	5 15	23 52	1 25	20 12	0 51	18 41	3 46	21 55	1 0	16 57	2 4	20 31	0 2	21 23	0 39	21 20	0 40	21 54	21 45	19 38		n.a.
W 5	23 48	19 50	5 1	23 32	1 20	20 29	0 48	18 45	3 46	21 52	1 0	16 58	2 4	20 31	0 2	21 24	0 39	21 20	0 39	21 54	21 46	19 36		n.a.
T 6	23 46	23 26	4 29	23 11	1 14	20 45	0 45	18 49	3 46	21 50	1 0	16 59	2 4	20 30	0 2	21 24	0 39	21 20	0 39	21 54	21 46	19 34		n.a.
F 7	23 45	25 40	3 39	22 49	1 8	21 0	0 43	18 53	3 46	21 47	1 0	17 0	2 5	20 30	0 2	21 24	0 40	21 20	0 39	21 55	21 47	19 32		n.a.
S 8	23 43	26 12	2 34	22 25	1 2	21 15	0 40	18 57	3 46	21 45	1 0	17 1	2 5	20 30	0 2	21 25	0 40	21 20	0 39	21 55	21 47	19 29		n.a.
S 9	23 40	24 50	1 17	22 1	0 56	21 30	0 37	19 2	3 46	21 42	1 0	17 2	2 5	20 29	0 2	21 25	0 40	21 20	0 39	21 55	21 48	19 27		n.a.
M10	23 37	21 40	0n 6	21 35	0 49	21 43	0 34	19 6	3 46	21 39	1 0	17 3	2 5	20 29	0 2	21 25	0 40	21 20	0 39	21 55	21 48	19 25		n.a.
T 11	23 34	17 2	1 28	21 9	0 42	21 57	0 32	19 11	3 46	21 37	1 0	17 5	2 6	20 29	0 2	21 26	0 40	21 20	0 39	21 55	21 49	19 22		n.a.
W12	23 30	11 25	2 43	20 42	0 34	22 9	0 29	19 16	3 46	21 34	1 0	17 6	2 6	20 28	0 2	21 26	0 40	21 20	0 39	21 55	21 50	19 20		n.a.
T 13	23 26	5 16	3 46	20 14	0 27	22 21	0 26	19 21	3 46	21 31	1 0	17 7	2 6	20 28	0 2	21 26	0 40	21 19	0 39	21 55	21 50	19 18		n.a.
F 14	23 22	0n59	4 34	19 46	0 19	22 33	0 23	19 26	3 46	21 29	1 0	17 8	2 6	20 27	0 2	21 27	0 40	21 19	0 38	21 55	21 51	19 15		n.a.
S 15	23 17	7 1	5 4	19 17	0 11	22 44	0 20	19 32	3 45	21 26	1 0	17 9	2 6	20 27	0 2	21 27	0 40	21 19	0 38	21 55	21 51	19 13		n.a.
S 16	23 11	12 33	5 17	18 48	0 2	22 54	0 18	19 37	3 45	21 23	1 0	17 11	2 7	20 27	0 2	21 27	0 40	21 19	0 38	21 55	21 52	19 10		n.a.
M17	23 6	17 23	5 12	18 18	0s 6	23 3	0 15	19 43	3 45	21 21	1 0	17 12	2 7	20 26	0 2	21 28	0 40	21 19	0 38	21 55	21 52	19 8		n.a.
T 18	22 59	21 18	4 53	17 48	0 15	23 12	0 12	19 49	3 44	21 18	1 0	17 13	2 7	20 26	0 2	21 28	0 40	21 19	0 38	21 55	21 53	19 6		n.a.
W19	22 53	24 10	4 19	17 18	0 24	23 20	0 9	19 55	3 44	21 15	1 0	17 14	2 7	20 26	0 2	21 28	0 40	21 19	0 38	21 55	21 53	19 3		n.a.
T 20	22 46	25 50	3 34	16 48	0 33	23 28	0 7	20 1	3 44	21 12	1 0	17 16	2 8	20 26	0 2	21 29	0 40	21 19	0 38	21 55	21 54	19 1		n.a.
F 21	22 38	26 14	2 40	16 18	0 42	23 34	0 4	20 7	3 43	21 9	1 0	17 17	2 8	20 25	0 2	21 29	0 40	21 19	0 38	21 55	21 54	18 59		n.a.
S 22	22 31	25 24	1 39	15 47	0 52	23 41	0 1	20 13	3 43	21 6	1 0	17 18	2 8	20 25	0 2	21 30	0 40	21 19	0 38	21 55	21 55	18 56		n.a.
S 23	22 22	23 25	0 35	15 17	1 1	23 46	0n 2	20 19	3 42	21 3	1 0	17 20	2 8	20 25	0 2	21 30	0 40	21 19	0 38	21 56	21 55	18 54		n.a.
M24	22 14	20 25	0s30	14 47	1 11	23 51	0 4	20 25	3 42	21 1	1 0	17 21	2 8	20 24	0 2	21 30	0 40	21 19	0 37	21 56	21 56	18 51		n.a.
T 25	22 5	16 36	1 35	14 17	1 21	23 55	0 7	20 32	3 41	20 58	1 0	17 22	2 8	20 24	0 2	21 31	0 40	21 19	0 37	21 56	21 56	18 49		n.a.
W26	21 55	12 9	2 35	13 48	1 30	23 58	0 10	20 38	3 40	20 55	1 0	17 24	2 9	20 24	0 2	21 31	0 40	21 19	0 37	21 56	21 57	18 47		n.a.
T 27	21 45	7 14	3 28	13 19	1 40	24 1	0 12	20 45	3 40	20 52	1 0	17 25	2 9	20 24	0 2	21 31	0 40	21 19	0 37	21 56	21 57	18 44		n.a.
F 28	21 35	2 1	4 14	12 51	1 50	24 3	0 15	20 52	3 39	20 49	1 0	17 27	2 9	20 23	0 2	21 32	0 40	21 18	0 37	21 56	21 58	18 42		n.a.
S 29	21 25	3s19	4 48	12 23	2 0	24 4	0 17	20 58	3 38	20 46	1 0	17 28	2 9	20 23	0 2	21 32	0 40	21 18	0 37	21 56	21 59	18 39		n.a.
S 30	21 14	8 38	5 10	11 56	2 10	24 4	0 20	21 5	3 38	20 43	1 0	17 30	2 9	20 23	0 2	21 32	0 40	21 18	0 37	21 56	21 59	18 37		n.a.
M31	21n 2	13s43	5s18	11n30	2s19	24n 4	0n22	21s12	3s37	20n40	1n 0	17s31	2s 9	20s23	0s 2	21s33	0s40	21s18	0n37	21s56	22s 0	18n35		n.a.

Julian Day Number = 1374251.5, Delta T = 06h48m00s
Ecliptic obliquity = 23°48'35, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°11'54, Lahiri = -17°04'54 Julian Calendar 1 July 951 BCE == Greg. Calendar 22 June 951 BCE

The year -950 astronomical counting style corresponds to year 951 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 951 BCE
geocentric

AUGUST 951 BCE (-950) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 0 15	28♋11'52	5♏19	24♌55	6♋48	19♏24	3♌39	18°R34	29°R26	27°R55	7°R33	22♑20	21♑53	3♌53	n.a.	T 1
W 2	20 4 12	29°10'10	18°43	25°39	8° 1	19°52	3°52	18♒30	29♏26	27♑53	7♐32	22°20	21°49	4° 0	n.a.	W 2
T 3	20 8 8	0♌ 8'31	2♐32	26°20	9°15	20°19	4° 5	18°25	29°25	27°52	7°31	22°20	21°46	4° 7	n.a.	T 3
F 4	20 12 5	1° 6'53	16°48	26°56	10°29	20°47	4°18	18°21	29°24	27°50	7°30	22°21	21°43	4°13	n.a.	F 4
S 5	20 16 2	2° 5'17	1♑28	27°29	11°43	21°16	4°31	18°17	29°23	27°48	7°30	22°22	21°40	4°20	n.a.	S 5
S 6	20 19 58	3° 3'42	16°28	27°56	12°57	21°45	4°44	18°12	29°23	27°47	7°29	22°R22	21°37	4°27	n.a.	S 6
M 7	20 23 55	4° 2'10	1♒39	28°19	14°11	22°14	4°57	18° 8	29°22	27°45	7°28	22°22	21°34	4°33	n.a.	M 7
T 8	20 27 51	5° 0'39	16°52	28°37	15°25	22°43	5°10	18° 3	29°22	27°44	7°28	22°22	21°30	4°40	n.a.	T 8
W 9	20 31 48	5°59'11	1♓58	28°49	16°39	23°13	5°24	17°59	29°21	27°42	7°27	22°20	21°27	4°47	n.a.	W 9
T 10	20 35 44	6°57'45	16°48	28°55	17°53	23°44	5°37	17°54	29°21	27°40	7°26	22°18	21°24	4°53	n.a.	T 10
F 11	20 39 41	7°56'21	1♈16	28°R56	19° 7	24°14	5°50	17°49	29°20	27°39	7°26	22°17	21°21	5° 0	n.a.	F 11
S 12	20 43 37	8°54'59	15°16	28°49	20°21	24°45	6° 3	17°45	29°20	27°37	7°25	22°15	21°18	5° 7	n.a.	S 12
S 13	20 47 34	9°53'39	28°50	28°36	21°35	25°16	6°16	17°40	29°20	27°35	7°25	22°14	21°14	5°13	n.a.	S 13
M14	20 51 31	10°52'23	11♉57	28°16	22°50	25°48	6°29	17°35	29°19	27°34	7°24	22°D13	21°11	5°20	n.a.	M14
T 15	20 55 27	11°51'08	24°41	27°49	24° 4	26°20	6°42	17°31	29°19	27°32	7°24	22°14	21° 8	5°26	n.a.	T 15
W16	20 59 24	12°49'56	7♊ 5	27°15	25°18	26°52	6°55	17°26	29°19	27°31	7°24	22°15	21° 5	5°33	n.a.	W16
T 17	21 3 20	13°48'46	19°14	26°34	26°33	27°24	7° 8	17°21	29°19	27°29	7°23	22°17	21° 2	5°40	n.a.	T 17
F 18	21 7 17	14°47'39	1♋13	25°46	27°47	27°57	7°21	17°17	29°19	27°28	7°23	22°18	20°59	5°46	n.a.	F 18
S 19	21 11 13	15°46'34	13° 4	24°52	29° 2	28°30	7°34	17°12	29°D19	27°26	7°22	22°20	20°55	5°53	n.a.	S 19
S 20	21 15 10	16°45'32	24°52	23°53	0♌16	29° 4	7°47	17° 7	29°19	27°24	7°22	22°R20	20°52	6° 0	n.a.	S 20
M21	21 19 6	17°44'31	6♌39	22°50	1°31	29°37	8° 0	17° 2	29°19	27°23	7°22	22°19	20°49	6° 6	n.a.	M21
T 22	21 23 3	18°43'33	18°27	21°44	2°45	0♐11	8°13	16°58	29°19	27°21	7°22	22°17	20°46	6°13	n.a.	T 22
W23	21 26 59	19°42'37	0♍20	20°37	4° 0	0°45	8°26	16°53	29°19	27°20	7°21	22°13	20°43	6°20	n.a.	W23
T 24	21 30 56	20°41'42	12°18	19°30	5°15	1°20	8°39	16°48	29°20	27°18	7°21	22° 9	20°40	6°26	n.a.	T 24
F 25	21 34 53	21°40'50	24°24	18°25	6°29	1°54	8°52	16°44	29°20	27°17	7°21	22° 3	20°36	6°33	n.a.	F 25
S 26	21 38 49	22°40'00	6♎40	17°24	7°44	2°29	9° 5	16°39	29°20	27°15	7°21	21°58	20°33	6°40	n.a.	S 26
S 27	21 42 46	23°39'12	19° 7	16°28	8°59	3° 4	9°17	16°34	29°21	27°14	7°21	21°54	20°30	6°46	n.a.	S 27
M28	21 46 42	24°38'26	1♏48	15°39	10°14	3°40	9°30	16°30	29°21	27°13	7°21	21°50	20°27	6°53	n.a.	M28
T 29	21 50 39	25°37'42	14°46	14°59	11°29	4°15	9°43	16°25	29°22	27°11	7°21	21°48	20°24	7° 0	n.a.	T 29
W30	21 54 35	26°37'00	28° 3	14°28	12°44	4°51	9°56	16°20	29°22	27°10	7°D21	21°D47	20°20	7° 6	n.a.	W30
T 31	21 58 32	27♌36'20	11♐42	14♌ 7	13♌58	5♐27	10♌ 9	16♒16	29♏23	27♑ 8	7♐21	21♑48	20♑17	7♌13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	20n50	18s21	5s10	11n 5	2s29	24n 3	0n25	21s19	3s36	20n37	1n 0	17s33	2s10	20s23	0s 2	21s33	0s40	21s18	0n37	21s56	22s 0	18n32			n.a.
W 2	20 38	22 13	4 45	10 41	2 38	24 1	0 27	21 26	3 35	20 34	1 0	17 34	2 10	20 23	0 2	21 33	0 40	21 18	0 36	21 56	22 1	18 30			n.a.
T 3	20 26	24 57	4 3	10 18	2 48	23 59	0 30	21 33	3 35	20 30	1 0	17 36	2 10	20 22	0 2	21 34	0 40	21 18	0 36	21 56	22 1	18 27			n.a.
F 4	20 13	26 13	3 5	9 57	2 57	23 55	0 32	21 39	3 34	20 27	1 0	17 37	2 10	20 22	0 2	21 34	0 40	21 18	0 36	21 55	22 2	18 25			n.a.
S 5	20 0	25 42	1 53	9 38	3 6	23 52	0 35	21 46	3 33	20 24	1 0	17 39	2 10	20 22	0 2	21 34	0 40	21 18	0 36	21 55	22 2	18 23			n.a.
S 6	19 47	23 19	0 33	9 20	3 14	23 47	0 37	21 53	3 32	20 21	1 0	17 40	2 10	20 22	0 2	21 35	0 40	21 18	0 36	21 55	22 3	18 20			n.a.
M 7	19 33	19 16	0n51	9 5	3 22	23 42	0 39	22 0	3 31	20 18	1 0	17 42	2 10	20 22	0 2	21 35	0 40	21 18	0 36	21 55	22 3	18 18			n.a.
T 8	19 18	13 56	2 12	8 52	3 30	23 35	0 42	22 7	3 30	20 15	1 1	17 43	2 11	20 22	0 2	21 35	0 40	21 18	0 36	21 55	22 4	18 15			n.a.
W 9	19 4	7 47	3 22	8 41	3 37	23 29	0 44	22 14	3 29	20 12	1 1	17 45	2 11	20 22	0 2	21 36	0 40	21 18	0 36	21 56	22 4	18 13			n.a.
T 10	18 49	1 20	4 18	8 33	3 43	23 21	0 46	22 21	3 29	20 8	1 1	17 46	2 11	20 21	0 2	21 36	0 40	21 18	0 35	21 56	22 5	18 10			n.a.
F 11	18 34	5n 1	4 56	8 27	3 49	23 13	0 48	22 28	3 28	20 5	1 1	17 48	2 11	20 21	0 2	21 36	0 40	21 18	0 35	21 56	22 5	18 8			n.a.
S 12	18 18	10 55	5 14	8 25	3 53	23 4	0 50	22 35	3 27	20 2	1 1	17 50	2 11	20 21	0 2	21 37	0 40	21 18	0 35	21 56	22 6	18 5			n.a.
S 13	18 3	16 6	5 14	8 26	3 57	22 54	0 52	22 42	3 26	19 59	1 1	17 51	2 11	20 21	0 2	21 37	0 40	21 18	0 35	21 57	22 6	18 3			n.a.
M14	17 46	20 22	4 58	8 31	3 59	22 44	0 54	22 49	3 25	19 55	1 1	17 53	2 11	20 21	0 2	21 37	0 40	21 18	0 35	21 57	22 7	18 0			n.a.
T 15	17 30	23 33	4 27	8 40	4 0	22 33	0 56	22 56	3 24	19 52	1 1	17 54	2 11	20 21	0 2	21 38	0 40	21 18	0 35	21 57	22 7	17 58			n.a.
W16	17 13	25 31	3 45	8 52	4 0	22 21	0 58	23 2	3 23	19 49	1 1	17 56	2 11	20 21	0 2	21 38	0 40	21 19	0 35	21 56	22 8	17 56			n.a.
T 17	16 56	26 14	2 53	9 8	3 58	22 9	1 0	23 9	3 22	19 46	1 1	17 57	2 12	20 21	0 2	21 38	0 40	21 19	0 35	21 56	22 8	17 53			n.a.
F 18	16 39	25 42	1 54	9 28	3 54	21 56	1 1	23 16	3 21	19 42	1 1	17 59	2 12	20 21	0 2	21 39	0 40	21 19	0 35	21 56	22 9	17 51			n.a.
S 19	16 21	24 0	0 51	9 51	3 48	21 42	1 3	23 22	3 20	19 39	1 1	18 0	2 12	20 21	0 2	21 39	0 40	21 19	0 34	21 56	22 9	17 48			n.a.
S 20	16 3	21 15	0s14	10 18	3 40	21 28	1 5	23 29	3 18	19 36	1 1	18 2	2 12	20 21	0 2	21 39	0 40	21 19	0 34	21 56	22 10	17 46			n.a.
M21	15 45	17 39	1 18	10 48	3 30	21 13	1 6	23 35	3 17	19 32	1 1	18 3	2 12	20 21	0 2	21 40	0 40	21 19	0 34	21 56	22 10	17 43			n.a.
T 22	15 27	13 20	2 19	11 21	3 18	20 57	1 8	23 42	3 16	19 29	1 2	18 5	2 12	20 21	0 2	21 40	0 40	21 19	0 34	21 56	22 11	17 41			n.a.
W23	15 8	8 31	3 14	11 56	3 4	20 41	1 10	23 48	3 15	19 26	1 2	18 7	2 12	20 21	0 2	21 40	0 40	21 19	0 34	21 57	22 11	17 38			n.a.
T 24	14 49	3 21	4 1	12 32	2 49	20 24	1 11	23 54	3 14	19 22	1 2	18 8	2 12	20 21	0 2	21 41	0 40	21 19	0 34	21 57	22 12	17 36			n.a.
F 25	14 30	1s58	4 37	13 8	2 32	20 6	1 12	24 1	3 13	19 19	1 2	18 10	2 12	20 21	0 2	21 41	0 40	21 19	0 34	21 58	22 12	17 33			n.a.
S 26	14 10	7 17	5 1	13 45	2 13	19 48	1 14	24 7	3 12	19 15	1 2	18 11	2 12	20 22	0 2	21 41	0 40	21 19	0 34	21 59	22 13	17 31			n.a.
S 27	13 51	12 23	5 12	14 20	1 54	19 29	1 15	24 13	3 11	19 12	1 2	18 12	2 12	20 22	0 2	21 41	0 40	21 19	0 34	22 0	22 13	17 28			n.a.
M28	13 31	17 5	5 8	14 53	1 34	19 10	1 16	24 19	3 10	19 9	1 2	18 14	2 12	20 22	0 2	21 42	0 40	21 19	0 33	22 1	22 14	17 26			n.a.
T 29	13 10	21 5	4 48	15 24	1 14	18 50	1 17	24 24	3 8	19 5	1 2	18 15	2 12	20 22	0 2	21 42	0 40	21 19	0 33	22 1	22 14	17 23			n.a.
W30	12 50	24 7	4 12	15 53	0 55	18 30	1 18	24 30	3 7	19 2	1 2	18 17	2 12	20 22	0 2	21 42	0 40	21 20	0 33	22 1	22 15	17 21			n.a.
T 31	12n29	25s52	3s22	16n17	0s35	18n 9	1n19	24s36	3s 6	18n59	1n 2	18s18	2s12	20s22	0s 2	21s43	0s40	21s20	0n33	22s 1	22s15	17n18			n.a.

Julian Day Number = 1374282.5, Delta T = 06h47m58s
Ecliptic obliquity = 23°48'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°11'50, Lahiri = -17°04'50 Julian Calendar 1 Aug. 951 BCE == Greg. Calendar 23 July 951 BCE

The year -950 astronomical counting style corresponds to year 951 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 951 BCE
geocentric

SEPTEMBER 951 BCE (-950) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 2 28	28♌35'41	25♐43	13°D56	15♌13	6♐ 4	10♌21	16°R11	29♏23	27°R 7	7♐21	21♑50	20♑14	7♌20	n.a.	F 1
S 2	22 6 25	29°35'05	10♑ 7	13♌57	16°28	6°40	10°34	16♒ 7	29°24	27♑ 6	7°21	21°51	20°11	7°26	n.a.	S 2
S 3	22 10 22	0♍34'31	24°52	14° 8	17°43	7°17	10°47	16° 2	29°25	27° 4	7°21	21°R51	20° 8	7°33	n.a.	S 3
M 4	22 14 18	1°33'58	9♒52	14°29	18°58	7°54	10°59	15°58	29°26	27° 3	7°21	21°50	20° 5	7°40	n.a.	M 4
T 5	22 18 15	2°33'27	24°59	15° 0	20°13	8°31	11°12	15°53	29°27	27° 2	7°21	21°47	20° 1	7°46	n.a.	T 5
W 6	22 22 11	3°32'59	10♓ 6	15°41	21°28	9° 8	11°25	15°49	29°28	27° 1	7°21	21°42	19°58	7°53	n.a.	W 6
T 7	22 26 8	4°32'32	25° 1	16°30	22°44	9°45	11°37	15°44	29°28	26°59	7°22	21°36	19°55	7°59	n.a.	T 7
F 8	22 30 4	5°32'08	9♈37	17°26	23°59	10°23	11°50	15°40	29°30	26°58	7°22	21°29	19°52	8° 6	n.a.	F 8
S 9	22 34 1	6°31'46	23°47	18°30	25°14	11° 0	12° 2	15°36	29°31	26°57	7°22	21°22	19°49	8°13	n.a.	S 9
S 10	22 37 57	7°31'27	7♉28	19°40	26°29	11°38	12°15	15°32	29°32	26°56	7°23	21°17	19°45	8°19	n.a.	S 10
M11	22 41 54	8°31'10	20°41	20°56	27°44	12°16	12°27	15°27	29°33	26°55	7°23	21°13	19°42	8°26	n.a.	M11
T 12	22 45 50	9°30'56	3♊28	22°16	29° 0	12°55	12°39	15°23	29°34	26°54	7°23	21°11	19°39	8°33	n.a.	T 12
W13	22 49 47	10°30'43	15°52	23°40	0♍15	13°33	12°52	15°19	29°35	26°52	7°24	21°D11	19°36	8°39	n.a.	W13
T 14	22 53 44	11°30'34	27°59	25° 7	1°30	14°11	13° 4	15°15	29°37	26°51	7°24	21°12	19°33	8°46	n.a.	T 14
F 15	22 57 40	12°30'26	9♋55	26°38	2°45	14°50	13°16	15°11	29°38	26°50	7°25	21°13	19°30	8°53	n.a.	F 15
S 16	23 1 37	13°30'21	21°43	28°11	4° 1	15°29	13°28	15° 7	29°39	26°49	7°25	21°R14	19°26	8°59	n.a.	S 16
S 17	23 5 33	14°30'18	3♌29	29°45	5°16	16° 8	13°40	15° 4	29°41	26°48	7°26	21°13	19°23	9° 6	n.a.	S 17
M18	23 9 30	15°30'18	15°17	1♍22	6°31	16°47	13°52	15° 0	29°42	26°47	7°26	21°10	19°20	9°13	n.a.	M18
T 19	23 13 26	16°30'19	27°10	2°59	7°47	17°26	14° 4	14°56	29°44	26°46	7°27	21° 4	19°17	9°19	n.a.	T 19
W20	23 17 23	17°30'23	9♍11	4°38	9° 2	18° 5	14°16	14°53	29°46	26°46	7°27	20°56	19°14	9°26	n.a.	W20
T 21	23 21 19	18°30'29	21°21	6°17	10°18	18°45	14°28	14°49	29°47	26°45	7°28	20°46	19°11	9°33	n.a.	T 21
F 22	23 25 16	19°30'36	3♎40	7°56	11°33	19°24	14°40	14°46	29°49	26°44	7°29	20°35	19° 7	9°39	n.a.	F 22
S 23	23 29 12	20°30'46	16°11	9°36	12°48	20° 4	14°52	14°42	29°51	26°43	7°30	20°23	19° 4	9°46	n.a.	S 23
S 24	23 33 9	21°30'57	28°53	11°16	14° 4	20°44	15° 4	14°39	29°53	26°42	7°30	20°13	19° 1	9°53	n.a.	S 24
M25	23 37 6	22°31'10	11♏46	12°56	15°19	21°24	15°15	14°36	29°54	26°41	7°31	20° 4	18°58	9°59	n.a.	M25
T 26	23 41 2	23°31'25	24°52	14°36	16°35	22° 4	15°27	14°33	29°56	26°41	7°32	19°58	18°55	10° 6	n.a.	T 26
W27	23 44 59	24°31'42	8♐11	16°16	17°50	22°44	15°38	14°30	29°58	26°40	7°33	19°55	18°51	10°13	n.a.	W27
T 28	23 48 55	25°32'01	21°46	17°56	19° 6	23°24	15°50	14°27	0♐ 0	26°39	7°34	19°D53	18°48	10°19	n.a.	T 28
F 29	23 52 52	26°32'20	5♑36	19°35	20°21	24° 5	16° 1	14°24	0° 2	26°39	7°34	19°54	18°45	10°26	n.a.	F 29
S 30	23 56 48	27♍32'42	19♑43	21♍15	21♍37	24♐45	16♌13	14♒21	0♐ 4	26♑38	7♐35	19°R54	18♑42	10♌33	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n 9	26s 2	2s18	16n38	0s16	17n48	1n20	24s41	3s 5	18n55	1n 3	18s20	2s12	20s22	0s 2	21s43	0s40	21s20	0n33	22s 1	22s16	17n16		n.a.
S 2	11 48	24 28	1 4	16 55	0n 1	17 26	1 21	24 46	3 4	18 52	1 3	18 21	2 12	20 22	0 2	21 43	0 40	21 20	0 33	22 0	22 16	17 13		n.a.
S 3	11 26	21 13	0n16	17 8	0 18	17 3	1 22	24 51	3 2	18 48	1 3	18 22	2 12	20 23	0 2	21 43	0 40	21 20	0 33	22 0	22 16	17 11		n.a.
M 4	11 5	16 30	1 36	17 17	0 34	16 40	1 23	24 57	3 1	18 45	1 3	18 24	2 12	20 23	0 2	21 44	0 40	21 20	0 33	22 1	22 17	17 8		n.a.
T 5	10 43	10 43	2 50	17 21	0 48	16 17	1 23	25 1	3 0	18 41	1 3	18 25	2 12	20 23	0 2	21 44	0 40	21 20	0 33	22 1	22 17	17 5		n.a.
W 6	10 22	4 20	3 52	17 21	1 1	15 53	1 24	25 6	2 59	18 38	1 3	18 26	2 12	20 23	0 2	21 44	0 40	21 21	0 32	22 2	22 18	17 3		n.a.
T 7	10 0	2n13	4 37	17 17	1 12	15 29	1 24	25 11	2 58	18 35	1 3	18 28	2 12	20 23	0 2	21 44	0 40	21 21	0 32	22 3	22 18	17 0		n.a.
F 8	9 37	8 29	5 3	17 9	1 23	15 4	1 25	25 15	2 56	18 31	1 3	18 29	2 12	20 24	0 2	21 45	0 40	21 21	0 32	22 4	22 19	16 58		n.a.
S 9	9 15	14 8	5 9	16 58	1 31	14 39	1 25	25 20	2 55	18 28	1 3	18 30	2 12	20 24	0 3	21 45	0 40	21 21	0 32	22 5	22 19	16 55		n.a.
S 10	8 53	18 53	4 57	16 42	1 39	14 13	1 26	25 24	2 54	18 24	1 4	18 32	2 12	20 24	0 3	21 45	0 40	21 21	0 32	22 6	22 20	16 53		n.a.
M11	8 30	22 31	4 29	16 24	1 45	13 47	1 26	25 28	2 53	18 21	1 4	18 33	2 12	20 24	0 3	21 45	0 40	21 21	0 32	22 6	22 20	16 50		n.a.
T 12	8 7	24 55	3 49	16 2	1 50	13 21	1 26	25 32	2 51	18 17	1 4	18 34	2 12	20 25	0 3	21 45	0 40	21 21	0 32	22 7	22 21	16 48		n.a.
W13	7 44	26 1	2 59	15 38	1 54	12 54	1 26	25 35	2 50	18 14	1 4	18 35	2 12	20 25	0 3	21 46	0 40	21 22	0 32	22 7	22 21	16 45		n.a.
T 14	7 21	25 50	2 2	15 11	1 57	12 27	1 26	25 39	2 49	18 11	1 4	18 36	2 12	20 25	0 3	21 46	0 40	21 22	0 32	22 7	22 22	16 43		n.a.
F 15	6 58	24 27	1 1	14 42	1 59	11 59	1 26	25 42	2 47	18 7	1 4	18 38	2 12	20 26	0 3	21 46	0 40	21 22	0 31	22 6	22 22	16 40		n.a.
S 16	6 35	21 59	0s 3	14 10	2 0	11 32	1 26	25 45	2 46	18 4	1 4	18 39	2 12	20 26	0 3	21 46	0 40	21 22	0 31	22 6	22 23	16 37		n.a.
S 17	6 11	18 37	1 6	13 37	2 1	11 4	1 26	25 48	2 45	18 0	1 5	18 40	2 12	20 26	0 3	21 46	0 40	21 22	0 31	22 6	22 23	16 35		n.a.
M18	5 48	14 30	2 6	13 1	2 0	10 35	1 26	25 51	2 44	17 57	1 5	18 41	2 12	20 27	0 3	21 47	0 40	21 23	0 31	22 7	22 23	16 32		n.a.
T 19	5 24	9 49	3 1	12 25	1 59	10 6	1 26	25 54	2 42	17 54	1 5	18 42	2 12	20 27	0 3	21 47	0 40	21 23	0 31	22 8	22 24	16 30		n.a.
W20	5 1	4 44	3 48	11 47	1 57	9 37	1 26	25 56	2 41	17 50	1 5	18 43	2 11	20 27	0 3	21 47	0 40	21 23	0 31	22 9	22 24	16 27		n.a.
T 21	4 37	0s34	4 25	11 7	1 55	9 8	1 25	25 59	2 40	17 47	1 5	18 44	2 11	20 28	0 3	21 47	0 40	21 23	0 31	22 11	22 25	16 25		n.a.
F 22	4 13	5 55	4 51	10 27	1 52	8 39	1 25	26 1	2 38	17 43	1 5	18 45	2 11	20 28	0 3	21 47	0 40	21 23	0 31	22 12	22 25	16 22		n.a.
S 23	3 49	11 6	5 3	9 46	1 49	8 9	1 24	26 3	2 37	17 40	1 5	18 46	2 11	20 28	0 3	21 48	0 40	21 24	0 31	22 14	22 26	16 19		n.a.
S 24	3 25	15 54	5 0	9 4	1 45	7 39	1 24	26 4	2 36	17 37	1 6	18 47	2 11	20 29	0 3	21 48	0 40	21 24	0 30	22 16	22 26	16 17		n.a.
M25	3 1	20 4	4 43	8 21	1 41	7 9	1 23	26 6	2 35	17 33	1 6	18 47	2 11	20 29	0 3	21 48	0 40	21 24	0 30	22 17	22 27	16 14		n.a.
T 26	2 37	23 19	4 10	7 38	1 37	6 38	1 22	26 7	2 33	17 30	1 6	18 48	2 11	20 30	0 3	21 48	0 40	21 24	0 30	22 18	22 27	16 12		n.a.
W27	2 12	25 21	3 23	6 54	1 32	6 8	1 22	26 8	2 32	17 27	1 6	18 49	2 11	20 30	0 3	21 48	0 40	21 25	0 30	22 18	22 28	16 9		n.a.
T 28	1 48	25 57	2 24	6 10	1 27	5 37	1 21	26 9	2 31	17 23	1 6	18 50	2 11	20 30	0 3	21 48	0 40	21 25	0 30	22 19	22 28	16 6		n.a.
F 29	1 24	24 57	1 15	5 26	1 22	5 6	1 20	26 10	2 29	17 20	1 6	18 51	2 11	20 31	0 3	21 48	0 40	21 25	0 30	22 19	22 28	16 4		n.a.
S 30	0n59	22s21	0s 1	4n41	1n16	4n35	1n19	26s10	2s28	17n17	1n 7	18s51	2s11	20s31	0s 3	21s48	0s40	21s25	0n30	22s19	22s29	16n 1		n.a.

Julian Day Number = 1374313.5, Delta T = 06h47m57s
Ecliptic obliquity = 23°48'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°11'46, Lahiri = -17°04'45 Julian Calendar 1 Sept. 951 BCE == Greg. Calendar 23 Aug. 951 BCE

The year -950 astronomical counting style corresponds to year 951 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 951 BCE
geocentric

OCTOBER 951 BCE (-950) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 0 45	28♍33'05	4♒ 7	22♍54	22♍52	25♐26	16♌24	14°R18	0♐ 6	26°R37	7♐36	19°R53	18♑39	10♌39	n.a.	S 1
M 2	0 4 41	29°33'29	18°45	24°32	24° 8	26° 6	16°35	14♒16	0° 9	26♑37	7°37	19♑50	18°36	10°46	n.a.	M 2
T 3	0 8 38	0♎33'55	3♓32	26°10	25°24	26°47	16°46	14°13	0°11	26°36	7°38	19°45	18°32	10°52	n.a.	T 3
W 4	0 12 35	1°34'23	18°21	27°48	26°39	27°28	16°57	14°11	0°13	26°36	7°39	19°36	18°29	10°59	n.a.	W 4
T 5	0 16 31	2°34'52	3♈ 5	29°26	27°55	28° 9	17° 8	14° 8	0°15	26°35	7°40	19°26	18°26	11° 6	n.a.	T 5
F 6	0 20 28	3°35'23	17°34	1♏ 3	29°10	28°50	17°19	14° 6	0°18	26°35	7°41	19°14	18°23	11°12	n.a.	F 6
S 7	0 24 24	4°35'56	1♉43	2°40	0♎26	29°31	17°30	14° 4	0°20	26°35	7°42	19° 3	18°20	11°19	n.a.	S 7
S 8	0 28 21	5°36'30	15°27	4°17	1°41	0♑12	17°40	14° 2	0°22	26°34	7°44	18°53	18°16	11°26	n.a.	S 8
M 9	0 32 17	6°37'07	28°43	5°53	2°57	0°53	17°51	14° 0	0°25	26°34	7°45	18°45	18°13	11°32	n.a.	M 9
T 10	0 36 14	7°37'45	11♊34	7°29	4°12	1°34	18° 1	13°58	0°27	26°34	7°46	18°40	18°10	11°39	n.a.	T 10
W11	0 40 10	8°38'26	24° 1	9° 5	5°28	2°15	18°12	13°56	0°30	26°33	7°47	18°37	18° 7	11°46	n.a.	W11
T 12	0 44 7	9°39'08	6♋11	10°40	6°44	2°57	18°22	13°55	0°32	26°33	7°48	18°D37	18° 4	11°52	n.a.	T 12
F 13	0 48 4	10°39'52	18° 7	12°15	7°59	3°38	18°32	13°53	0°35	26°33	7°50	18°R37	18° 1	11°59	n.a.	F 13
S 14	0 52 0	11°40'37	29°56	13°50	9°15	4°20	18°43	13°52	0°37	26°33	7°51	18°36	17°57	12° 6	n.a.	S 14
S 15	0 55 57	12°41'25	11♌43	15°25	10°31	5° 1	18°53	13°50	0°40	26°33	7°52	18°34	17°54	12°12	n.a.	S 15
M16	0 59 53	13°42'14	23°33	16°59	11°46	5°43	19° 3	13°49	0°43	26°33	7°54	18°30	17°51	12°19	n.a.	M16
T 17	1 3 50	14°43'04	5♍31	18°34	13° 2	6°24	19°12	13°48	0°46	26°33	7°55	18°23	17°48	12°26	n.a.	T 17
W18	1 7 46	15°43'57	17°39	20° 8	14°17	7° 6	19°22	13°47	0°48	26°D33	7°56	18°13	17°45	12°32	n.a.	W18
T 19	1 11 43	16°44'50	0♎ 1	21°42	15°33	7°48	19°32	13°46	0°51	26°33	7°58	18° 0	17°42	12°39	n.a.	T 19
F 20	1 15 39	17°45'45	12°36	23°15	16°49	8°30	19°41	13°45	0°54	26°33	7°59	17°46	17°38	12°46	n.a.	F 20
S 21	1 19 36	18°46'42	25°26	24°49	18° 4	9°12	19°51	13°45	0°57	26°33	8° 1	17°32	17°35	12°52	n.a.	S 21
S 22	1 23 33	19°47'39	8♏29	26°23	19°20	9°54	20° 0	13°44	1° 0	26°33	8° 2	17°19	17°32	12°59	n.a.	S 22
M23	1 27 29	20°48'38	21°44	27°56	20°35	10°36	20°10	13°44	1° 3	26°33	8° 3	17° 8	17°29	13° 6	n.a.	M23
T 24	1 31 26	21°49'38	5♐ 9	29°29	21°51	11°18	20°19	13°43	1° 6	26°33	8° 5	17° 0	17°26	13°12	n.a.	T 24
W25	1 35 22	22°50'39	18°43	1♏ 3	23° 7	12° 0	20°28	13°43	1° 9	26°33	8° 7	16°55	17°22	13°19	n.a.	W25
T 26	1 39 19	23°51'41	2♑26	2°36	24°22	12°42	20°37	13°43	1°12	26°34	8° 8	16°52	17°19	13°26	n.a.	T 26
F 27	1 43 15	24°52'44	16°18	4° 9	25°38	13°24	20°45	13°D43	1°15	26°34	8°10	16°52	17°16	13°32	n.a.	F 27
S 28	1 47 12	25°53'47	0♒18	5°42	26°53	14° 6	20°54	13°43	1°18	26°34	8°11	16°52	17°13	13°39	n.a.	S 28
S 29	1 51 8	26°54'51	14°26	7°15	28° 9	14°48	21° 2	13°43	1°21	26°35	8°13	16°51	17°10	13°46	n.a.	S 29
M30	1 55 5	27°55'56	28°42	8°47	29°25	15°31	21°11	13°44	1°24	26°35	8°15	16°48	17° 7	13°52	n.a.	M30
T 31	1 59 2	28♎57'01	13♓ 3	10♏20	0♏40	16♑13	21♌19	13♒44	1♐27	26♑36	8♐16	16♑42	17♑ 3	13♌59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	0n35	18s19	1n15	3n57	1n11	4n 4	1n18	26s10	2s27	17n14	1n 7	18s52	2s10	20s32	0s 3	21s49	0s40	21s26	0n30	22s19	22s29	15n59			n.a.
M 2	0 11	13 7	2 27	3 12	1 5	3 32	1 17	26 10	2 25	17 10	1 7	18 53	2 10	20 32	0 3	21 49	0 40	21 26	0 30	22 19	22 30	15 56			n.a.
T 3	0s14	7 7	3 30	2 27	0 59	3 1	1 16	26 10	2 24	17 7	1 7	18 53	2 10	20 33	0 3	21 49	0 40	21 26	0 29	22 20	22 30	15 53			n.a.
W 4	0 38	0 43	4 18	1 41	0 53	2 29	1 15	26 10	2 23	17 4	1 7	18 54	2 10	20 33	0 3	21 49	0 40	21 26	0 29	22 21	22 31	15 51			n.a.
T 5	1 2	5n39	4 49	0 56	0 47	1 58	1 13	26 9	2 21	17 1	1 7	18 55	2 10	20 34	0 3	21 49	0 40	21 27	0 29	22 23	22 31	15 48			n.a.
F 6	1 27	11 38	5 1	0 11	0 40	1 26	1 12	26 8	2 20	16 57	1 8	18 55	2 10	20 34	0 3	21 49	0 40	21 27	0 29	22 24	22 32	15 46			n.a.
S 7	1 51	16 50	4 54	0s34	0 34	0 54	1 11	26 7	2 19	16 54	1 8	18 56	2 10	20 35	0 3	21 49	0 40	21 27	0 29	22 26	22 32	15 43			n.a.
S 8	2 16	21 1	4 30	1 18	0 28	0 23	1 9	26 6	2 17	16 51	1 8	18 56	2 10	20 35	0 3	21 49	0 40	21 28	0 29	22 27	22 32	15 40			n.a.
M 9	2 40	23 57	3 52	2 3	0 21	0s 9	1 8	26 5	2 16	16 48	1 8	18 57	2 9	20 36	0 3	21 49	0 40	21 28	0 29	22 28	22 33	15 38			n.a.
T 10	3 4	25 32	3 3	2 47	0 15	0 41	1 6	26 3	2 15	16 45	1 8	18 57	2 9	20 36	0 3	21 49	0 40	21 28	0 29	22 29	22 33	15 35			n.a.
W11	3 29	25 47	2 6	3 32	0 8	1 13	1 5	26 1	2 13	16 42	1 9	18 57	2 9	20 37	0 3	21 49	0 40	21 29	0 29	22 30	22 34	15 32			n.a.
T 12	3 53	24 45	1 5	4 16	0 1	1 45	1 3	25 59	2 12	16 39	1 9	18 58	2 9	20 37	0 3	21 49	0 40	21 29	0 29	22 30	22 34	15 30			n.a.
F 13	4 17	22 36	0 3	5 0	0s 5	2 16	1 2	25 56	2 11	16 36	1 9	18 58	2 9	20 38	0 3	21 49	0 40	21 29	0 28	22 30	22 35	15 27			n.a.
S 14	4 41	19 30	1s 0	5 43	0 12	2 48	1 0	25 54	2 10	16 33	1 9	18 58	2 9	20 39	0 3	21 49	0 40	21 29	0 28	22 30	22 35	15 24			n.a.
S 15	5 5	15 38	1 59	6 26	0 18	3 20	0 58	25 51	2 8	16 30	1 9	18 59	2 9	20 39	0 3	21 49	0 40	21 30	0 28	22 30	22 35	15 22			n.a.
M16	5 29	11 9	2 54	7 9	0 24	3 51	0 57	25 48	2 7	16 27	1 10	18 59	2 8	20 40	0 3	21 49	0 40	21 30	0 28	22 31	22 36	15 19			n.a.
T 17	5 53	6 13	3 41	7 51	0 31	4 23	0 55	25 45	2 6	16 24	1 10	18 59	2 8	20 40	0 3	21 49	0 40	21 30	0 28	22 32	22 36	15 17			n.a.
W18	6 17	0 59	4 19	8 33	0 37	4 54	0 53	25 41	2 4	16 21	1 10	18 59	2 8	20 41	0 3	21 49	0 40	21 31	0 28	22 33	22 37	15 14			n.a.
T 19	6 41	4s21	4 45	9 15	0 43	5 26	0 51	25 37	2 3	16 18	1 10	18 59	2 8	20 41	0 3	21 49	0 40	21 31	0 28	22 35	22 37	15 11			n.a.
F 20	7 4	9 37	4 59	9 56	0 50	5 57	0 49	25 33	2 2	16 15	1 10	18 59	2 8	20 42	0 3	21 49	0 40	21 31	0 28	22 36	22 38	15 9			n.a.
S 21	7 28	14 35	4 57	10 37	0 56	6 28	0 47	25 29	2 0	16 12	1 11	18 59	2 8	20 43	0 3	21 49	0 40	21 32	0 28	22 38	22 38	15 6			n.a.
S 22	7 51	18 57	4 40	11 17	1 2	6 59	0 45	25 25	1 59	16 9	1 11	18 59	2 7	20 43	0 3	21 49	0 40	21 32	0 27	22 40	22 38	15 3			n.a.
M23	8 15	22 27	4 8	11 57	1 7	7 30	0 43	25 20	1 58	16 7	1 11	18 59	2 7	20 44	0 3	21 49	0 40	21 32	0 27	22 42	22 39	15 1			n.a.
T 24	8 38	24 47	3 21	12 36	1 13	8 1	0 41	25 15	1 56	16 4	1 11	18 59	2 7	20 44	0 3	21 49	0 40	21 33	0 27	22 43	22 39	14 58			n.a.
W25	9 1	25 42	2 23	13 15	1 19	8 31	0 39	25 10	1 55	16 1	1 12	18 59	2 7	20 45	0 3	21 49	0 40	21 33	0 27	22 43	22 40	14 55			n.a.
T 26	9 24	25 3	1 16	13 52	1 24	9 1	0 37	25 5	1 54	15 59	1 12	18 59	2 7	20 46	0 3	21 49	0 40	21 33	0 27	22 44	22 40	14 53			n.a.
F 27	9 47	22 51	0 3	14 30	1 29	9 31	0 35	24 59	1 53	15 56	1 12	18 59	2 7	20 46	0 3	21 49	0 40	21 34	0 27	22 44	22 40	14 50			n.a.
S 28	10 9	19 15	1n10	15 6	1 34	10 1	0 32	24 54	1 51	15 53	1 12	18 59	2 7	20 47	0 3	21 49	0 40	21 34	0 27	22 44	22 41	14 47			n.a.
S 29	10 32	14 31	2 20	15 42	1 39	10 31	0 30	24 48	1 50	15 51	1 13	18 59	2 6	20 48	0 3	21 49	0 40	21 35	0 27	22 44	22 41	14 45			n.a.
M30	10 54	8 57	3 22	16 17	1 44	11 0	0 28	24 41	1 49	15 48	1 13	18 58	2 6	20 48	0 3	21 49	0 40	21 35	0 27	22 44	22 42	14 42			n.a.
T 31	11s16	2s54	4n11	16s51	1s48	11s29	0n26	24s35	1s47	15n46	1n13	18s58	2s 6	20s49	0s 3	21s49	0s40	21s35	0n27	22s45	22s42	14n39			n.a.

Julian Day Number = 1374343.5, Delta T = 06h47m55s
Ecliptic obliquity = 23°48'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°11'42, Lahiri = -17°04'41 Julian Calendar 1 Oct. 951 BCE == Greg. Calendar 22 Sept. 951 BCE

The year -950 astronomical counting style corresponds to year 951 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 951 BCE
geocentric

NOVEMBER 951 BCE (-950) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 2 58	29♎58'07	27♓25	11♏52	1♏56	16♑55	21♌27	13♒44	1♐30	26♑36	8♐18	16°R34	17♑ 0	14♌ 6	n.a.	W 1
T 2	2 6 55	0♏59'13	11♈43	13°25	3°11	17°37	21°35	13°45	1°33	26°37	8°20	16♑23	16°57	14°12	n.a.	T 2
F 3	2 10 51	2° 0'21	25°52	14°57	4°27	18°20	21°43	13°46	1°37	26°37	8°21	16°11	16°54	14°19	n.a.	F 3
S 4	2 14 48	3° 1'29	9♉45	16°29	5°42	19° 2	21°51	13°47	1°40	26°38	8°23	15°59	16°51	14°26	n.a.	S 4
S 5	2 18 44	4° 2'38	23°18	18° 1	6°58	19°45	21°59	13°48	1°43	26°38	8°25	15°48	16°48	14°32	n.a.	S 5
M 6	2 22 41	5° 3'48	6♊29	19°32	8°14	20°27	22° 6	13°49	1°46	26°39	8°26	15°39	16°44	14°39	n.a.	M 6
T 7	2 26 37	6° 4'59	19°18	21° 3	9°29	21° 9	22°14	13°50	1°50	26°40	8°28	15°34	16°41	14°46	n.a.	T 7
W 8	2 30 34	7° 6'11	1♋46	22°34	10°45	21°52	22°21	13°51	1°53	26°40	8°30	15°30	16°38	14°52	n.a.	W 8
T 9	2 34 31	8° 7'23	13°57	24° 4	12° 0	22°34	22°28	13°53	1°56	26°41	8°32	15°D30	16°35	14°59	n.a.	T 9
F 10	2 38 27	9° 8'36	25°55	25°33	13°16	23°17	22°35	13°54	2° 0	26°42	8°34	15°30	16°32	15° 6	n.a.	F 10
S 11	2 42 24	10° 9'50	7♌46	27° 2	14°31	23°59	22°42	13°56	2° 3	26°43	8°35	15°R30	16°28	15°12	n.a.	S 11
S 12	2 46 20	11°11'05	19°34	28°29	15°47	24°42	22°48	13°58	2° 7	26°43	8°37	15°30	16°25	15°19	n.a.	S 12
M13	2 50 17	12°12'21	1♍26	29°56	17° 2	25°24	22°55	13°59	2°10	26°44	8°39	15°28	16°22	15°26	n.a.	M13
T 14	2 54 13	13°13'37	13°26	1♐20	18°18	26° 7	23° 1	14° 1	2°13	26°45	8°41	15°23	16°19	15°32	n.a.	T 14
W15	2 58 10	14°14'54	25°39	2°44	19°33	26°49	23° 7	14° 3	2°17	26°46	8°43	15°16	16°16	15°39	n.a.	W15
T 16	3 2 6	15°16'11	8♎ 8	4° 5	20°49	27°32	23°13	14° 5	2°20	26°47	8°45	15° 7	16°13	15°46	n.a.	T 16
F 17	3 6 3	16°17'29	20°55	5°24	22° 4	28°14	23°19	14° 8	2°24	26°48	8°47	14°57	16° 9	15°52	n.a.	F 17
S 18	3 10 0	17°18'47	4♏ 1	6°40	23°20	28°57	23°25	14°10	2°27	26°49	8°49	14°46	16° 6	15°59	n.a.	S 18
S 19	3 13 56	18°20'05	17°25	7°53	24°35	29°40	23°31	14°13	2°31	26°50	8°51	14°35	16° 3	16° 6	n.a.	S 19
M20	3 17 53	19°21'24	1♐ 4	9° 2	25°50	0♒22	23°36	14°15	2°34	26°51	8°52	14°27	16° 0	16°12	n.a.	M20
T 21	3 21 49	20°22'43	14°56	10° 6	27° 6	1° 5	23°41	14°18	2°38	26°52	8°54	14°21	15°57	16°19	n.a.	T 21
W22	3 25 46	21°24'02	28°56	11° 6	28°21	1°47	23°46	14°21	2°41	26°54	8°56	14°17	15°54	16°26	n.a.	W22
T 23	3 29 42	22°25'20	13♑ 1	11°59	29°37	2°30	23°51	14°23	2°45	26°55	8°58	14°D16	15°50	16°32	n.a.	T 23
F 24	3 33 39	23°26'39	27° 9	12°46	0♐52	3°13	23°56	14°26	2°48	26°56	9° 0	14°17	15°47	16°39	n.a.	F 24
S 25	3 37 36	24°27'57	11♒17	13°25	2° 8	3°55	24° 1	14°30	2°52	26°57	9° 2	14°18	15°44	16°46	n.a.	S 25
S 26	3 41 32	25°29'14	25°24	13°56	3°23	4°38	24° 5	14°33	2°56	26°59	9° 4	14°R18	15°41	16°52	n.a.	S 26
M27	3 45 29	26°30'32	9♓29	14°17	4°38	5°20	24° 9	14°36	2°59	27° 0	9° 6	14°17	15°38	16°59	n.a.	M27
T 28	3 49 25	27°31'48	23°31	14°R28	5°54	6° 3	24°13	14°39	3° 3	27° 1	9° 8	14°15	15°34	17° 6	n.a.	T 28
W29	3 53 22	28°33'04	7♈28	14°28	7° 9	6°46	24°17	14°43	3° 6	27° 3	9°10	14°10	15°31	17°12	n.a.	W29
T 30	3 57 18	29♏34'20	21♈18	14♐16	8♐24	7♒28	24♌21	14♒46	3♐10	27♑ 4	9♐12	14♑ 3	15♑28	17♌19	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s38	3n18	4n45	17s25	1s53	11s58	0n24	24s28	1s46	15n43	1n13	18s58	2s 6	20s50	0s 3	21s48	0s40	21s36	0n26	22s46	22s43	14n37		n.a.
T 2	12 0	9 18	5 0	17 57	1 56	12 26	0 21	24 22	1 45	15 41	1 14	18 57	2 6	20 50	0 3	21 48	0 40	21 36	0 26	22 47	22 43	14 34		n.a.
F 3	12 21	14 44	4 57	18 29	2 0	12 54	0 19	24 15	1 44	15 39	1 14	18 57	2 6	20 51	0 3	21 48	0 40	21 36	0 26	22 49	22 43	14 31		n.a.
S 4	12 43	19 18	4 36	18 59	2 3	13 22	0 17	24 7	1 42	15 36	1 14	18 57	2 5	20 52	0 3	21 48	0 40	21 37	0 26	22 50	22 44	14 28		n.a.
S 5	13 4	22 45	4 0	19 29	2 6	13 50	0 14	24 0	1 41	15 34	1 14	18 56	2 5	20 52	0 3	21 48	0 40	21 37	0 26	22 51	22 44	14 26		n.a.
M 6	13 25	24 52	3 12	19 57	2 9	14 17	0 12	23 52	1 40	15 32	1 15	18 56	2 5	20 53	0 3	21 48	0 40	21 38	0 26	22 52	22 45	14 23		n.a.
T 7	13 45	25 36	2 15	20 24	2 11	14 43	0 10	23 44	1 39	15 30	1 15	18 55	2 5	20 54	0 3	21 48	0 40	21 38	0 26	22 53	22 45	14 20		n.a.
W 8	14 6	25 0	1 12	20 50	2 13	15 10	0 7	23 36	1 37	15 27	1 15	18 55	2 5	20 54	0 3	21 48	0 40	21 38	0 26	22 54	22 45	14 18		n.a.
T 9	14 26	23 12	0 8	21 15	2 14	15 36	0 5	23 28	1 36	15 25	1 15	18 54	2 4	20 55	0 3	21 47	0 40	21 39	0 26	22 54	22 46	14 15		n.a.
F 10	14 46	20 23	0s55	21 38	2 15	16 1	0 2	23 19	1 35	15 23	1 16	18 53	2 4	20 56	0 3	21 47	0 40	21 39	0 26	22 54	22 46	14 12		n.a.
S 11	15 6	16 45	1 56	22 0	2 16	16 26	0 0	23 11	1 34	15 21	1 16	18 53	2 4	20 56	0 3	21 47	0 40	21 39	0 25	22 54	22 47	14 10		n.a.
S 12	15 25	12 28	2 51	22 20	2 16	16 51	0s 2	23 2	1 32	15 19	1 16	18 52	2 4	20 57	0 3	21 47	0 40	21 40	0 25	22 54	22 47	14 7		n.a.
M13	15 44	7 43	3 40	22 38	2 15	17 15	0 5	22 53	1 31	15 17	1 16	18 51	2 4	20 58	0 3	21 47	0 40	21 40	0 25	22 54	22 47	14 4		n.a.
T 14	16 3	2 38	4 19	22 55	2 13	17 39	0 7	22 43	1 30	15 16	1 17	18 51	2 4	20 59	0 3	21 47	0 40	21 41	0 25	22 54	22 48	14 1		n.a.
W15	16 22	2s37	4 47	23 10	2 11	18 3	0 9	22 34	1 29	15 14	1 17	18 50	2 3	20 59	0 3	21 46	0 40	21 41	0 25	22 55	22 48	13 59		n.a.
T 16	16 40	7 53	5 2	23 24	2 9	18 25	0 12	22 24	1 27	15 12	1 17	18 49	2 3	21 0	0 3	21 46	0 40	21 41	0 25	22 56	22 48	13 56		n.a.
F 17	16 58	12 57	5 3	23 35	2 5	18 48	0 14	22 14	1 26	15 10	1 18	18 48	2 3	21 1	0 3	21 46	0 40	21 42	0 25	22 57	22 49	13 53		n.a.
S 18	17 16	17 33	4 48	23 44	2 0	19 9	0 17	22 4	1 25	15 9	1 18	18 47	2 3	21 1	0 3	21 46	0 39	21 42	0 25	22 59	22 49	13 51		n.a.
S 19	17 33	21 23	4 16	23 51	1 55	19 31	0 19	21 54	1 24	15 7	1 18	18 47	2 3	21 2	0 3	21 46	0 39	21 43	0 25	23 0	22 50	13 48		n.a.
M20	17 50	24 7	3 30	23 56	1 49	19 51	0 21	21 44	1 23	15 5	1 18	18 46	2 3	21 3	0 3	21 45	0 39	21 43	0 25	23 1	22 50	13 45		n.a.
T 21	18 7	25 26	2 31	23 59	1 41	20 12	0 24	21 33	1 21	15 4	1 19	18 45	2 3	21 3	0 3	21 45	0 39	21 43	0 24	23 1	22 50	13 42		n.a.
W22	18 23	25 10	1 22	23 59	1 33	20 31	0 26	21 22	1 20	15 3	1 19	18 44	2 2	21 4	0 3	21 45	0 39	21 44	0 24	23 2	22 51	13 40		n.a.
T 23	18 40	23 16	0 7	23 57	1 23	20 50	0 28	21 11	1 19	15 1	1 19	18 43	2 2	21 5	0 3	21 45	0 39	21 44	0 24	23 2	22 51	13 37		n.a.
F 24	18 55	19 56	1n 9	23 52	1 12	21 9	0 30	21 0	1 18	15 0	1 20	18 42	2 2	21 6	0 3	21 44	0 39	21 45	0 24	23 2	22 52	13 34		n.a.
S 25	19 11	15 25	2 20	23 45	1 0	21 26	0 33	20 49	1 17	14 59	1 20	18 41	2 2	21 6	0 3	21 44	0 39	21 45	0 24	23 2	22 52	13 31		n.a.
S 26	19 26	10 4	3 23	23 35	0 46	21 44	0 35	20 37	1 15	14 57	1 20	18 39	2 2	21 7	0 3	21 44	0 39	21 45	0 24	23 2	22 52	13 29		n.a.
M27	19 40	4 13	4 14	23 23	0 31	22 0	0 37	20 26	1 14	14 56	1 20	18 38	2 2	21 8	0 3	21 44	0 39	21 46	0 24	23 2	22 53	13 26		n.a.
T 28	19 55	1n48	4 49	23 8	0 15	22 16	0 39	20 14	1 13	14 55	1 21	18 37	2 1	21 8	0 3	21 43	0 39	21 46	0 24	23 2	22 53	13 23		n.a.
W29	20 9	7 41	5 6	22 51	0n 2	22 31	0 41	20 2	1 12	14 54	1 21	18 36	2 1	21 9	0 3	21 43	0 39	21 47	0 24	23 3	22 53	13 20		n.a.
T 30	20s22	13n 8	5n 6	22s32	0n20	22s46	0s44	19s50	1s11	14n53	1n21	18s35	2s 1	21s10	0s 3	21s43	0s39	21s47	0n24	23s 3	22s54	13n18		n.a.

Julian Day Number = 1374374.5, Delta T = 06h47m54s
Ecliptic obliquity = 23°48'35, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°11'37, Lahiri = -17°04'37 Julian Calendar 1 Nov. 951 BCE == Greg. Calendar 23 Oct. 951 BCE

The year -950 astronomical counting style corresponds to year 951 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 951 BCE
geocentric

DECEMBER 951 BCE (-950) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 1 15	0♐35'35	4♉57	13°R53	9♐40	8♒11	24♌25	14♒50	3♐13	27♑ 5	9♐14	13°R55	15♑25	17♌26	n.a.	F 1
S 2	4 5 11	1°36'50	18°24	13♐18	10°55	8°53	24°28	14°54	3°17	27° 7	9°16	13♑48	15°22	17°32	n.a.	S 2
S 3	4 9 8	2°38'05	1♊36	12°31	12°10	9°36	24°31	14°58	3°21	27° 8	9°18	13°41	15°19	17°39	n.a.	S 3
M 4	4 13 5	3°39'19	14°32	11°34	13°26	10°18	24°34	15° 2	3°24	27°10	9°20	13°35	15°15	17°46	n.a.	M 4
T 5	4 17 1	4°40'33	27°11	10°29	14°41	11° 1	24°37	15° 6	3°28	27°11	9°22	13°32	15°12	17°52	n.a.	T 5
W 6	4 20 58	5°41'46	9♋34	9°16	15°56	11°43	24°40	15°10	3°31	27°13	9°24	13°D31	15° 9	17°59	n.a.	W 6
T 7	4 24 54	6°42'59	21°43	7°59	17°11	12°26	24°42	15°14	3°35	27°15	9°27	13°31	15° 6	18° 6	n.a.	T 7
F 8	4 28 51	7°44'12	3♌41	6°40	18°27	13° 8	24°45	15°18	3°39	27°16	9°29	13°32	15° 3	18°12	n.a.	F 8
S 9	4 32 47	8°45'24	15°32	5°21	19°42	13°51	24°47	15°23	3°42	27°18	9°31	13°34	15° 0	18°19	n.a.	S 9
S 10	4 36 44	9°46'36	27°21	4° 5	20°57	14°33	24°49	15°27	3°46	27°19	9°33	13°36	14°56	18°26	n.a.	S 10
M11	4 40 41	10°47'47	9♍12	2°54	22°12	15°16	24°50	15°32	3°49	27°21	9°35	13°R37	14°53	18°32	n.a.	M11
T 12	4 44 37	11°48'58	21°12	1°50	23°27	15°58	24°52	15°36	3°53	27°23	9°37	13°36	14°50	18°39	n.a.	T 12
W13	4 48 34	12°50'08	3♎24	0°53	24°43	16°41	24°53	15°41	3°56	27°25	9°39	13°34	14°47	18°46	n.a.	W13
T 14	4 52 30	13°51'18	15°54	0° 5	25°58	17°23	24°54	15°46	4° 0	27°26	9°41	13°31	14°44	18°52	n.a.	T 14
F 15	4 56 27	14°52'27	28°45	29♏27	27°13	18° 5	24°55	15°51	4° 4	27°28	9°43	13°27	14°40	18°59	n.a.	F 15
S 16	5 0 23	15°53'36	11♏58	28°58	28°28	18°48	24°56	15°56	4° 7	27°30	9°45	13°22	14°37	19° 6	n.a.	S 16
S 17	5 4 20	16°54'44	25°34	28°38	29°43	19°30	24°57	16° 1	4°11	27°32	9°47	13°18	14°34	19°12	n.a.	S 17
M18	5 8 16	17°55'51	9♐31	28°27	0♑58	20°13	24°57	16° 6	4°14	27°33	9°49	13°14	14°31	19°19	n.a.	M18
T 19	5 12 13	18°56'58	23°46	28°D24	2°13	20°55	24°57	16°11	4°18	27°35	9°51	13°12	14°28	19°26	n.a.	T 19
W20	5 16 10	19°58'03	8♑13	28°30	3°28	21°37	24°R57	16°16	4°21	27°37	9°53	13°D11	14°25	19°32	n.a.	W20
T 21	5 20 6	20°59'07	22°47	28°42	4°43	22°20	24°57	16°22	4°25	27°39	9°55	13°11	14°21	19°39	n.a.	T 21
F 22	5 24 3	22° 0'10	7♒22	29° 2	5°58	23° 2	24°57	16°27	4°28	27°41	9°57	13°12	14°18	19°46	n.a.	F 22
S 23	5 27 59	23° 1'12	21°52	29°28	7°14	23°44	24°56	16°32	4°32	27°43	9°59	13°13	14°15	19°52	n.a.	S 23
S 24	5 31 56	24° 2'12	6♓13	29°59	8°29	24°27	24°55	16°38	4°35	27°45	10° 1	13°14	14°12	19°59	n.a.	S 24
M25	5 35 52	25° 3'10	20°23	0♐36	9°44	25° 9	24°54	16°44	4°38	27°47	10° 3	13°R15	14° 9	20° 6	n.a.	M25
T 26	5 39 49	26° 4'07	4♈20	1°17	10°58	25°51	24°53	16°49	4°42	27°49	10° 5	13°15	14° 5	20°12	n.a.	T 26
W27	5 43 46	27° 5'02	18° 3	2° 3	12°13	26°33	24°52	16°55	4°45	27°51	10° 7	13°14	14° 2	20°19	n.a.	W27
T 28	5 47 42	28° 5'56	1♉32	2°52	13°28	27°15	24°50	17° 1	4°49	27°53	10° 9	13°12	13°59	20°26	n.a.	T 28
F 29	5 51 39	29° 6'48	14°47	3°45	14°43	27°57	24°49	17° 7	4°52	27°55	10°11	13°10	13°56	20°32	n.a.	F 29
S 30	5 55 35	0♑ 7'39	27°48	4°42	15°58	28°40	24°47	17°13	4°55	27°57	10°13	13° 8	13°53	20°39	n.a.	S 30
S 31	5 59 32	1♑ 8'29	10♊36	5♐41	17♑13	29♒22	24♌45	17♒19	4♐59	27♑59	10♐15	13♑ 7	13♑50	20♌46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s35	17n53	4n48	22s10	0n39	23s 0	0s46	19s37	1s10	14n52	1n22	18s34	2s 1	21s11	0s 3	21s42	0s39	21s47	0n24	23s 4	22s54	13n15		n.a.
S 2	20 48	21 38	4 14	21 46	0 59	23 13	0 48	19 25	1 9	14 51	1 22	18 32	2 1	21 11	0 3	21 42	0 39	21 48	0 23	23 5	22 55	13 12		n.a.
S 3	21 1	24 11	3 28	21 21	1 19	23 25	0 50	19 12	1 7	14 50	1 22	18 31	2 1	21 12	0 3	21 42	0 39	21 48	0 23	23 6	22 55	13 9		n.a.
M 4	21 13	25 24	2 31	20 54	1 39	23 37	0 52	19 0	1 6	14 50	1 23	18 30	2 0	21 13	0 3	21 42	0 39	21 49	0 23	23 6	22 55	13 7		n.a.
T 5	21 24	25 14	1 28	20 26	1 58	23 48	0 54	18 47	1 5	14 49	1 23	18 28	2 0	21 13	0 3	21 41	0 39	21 49	0 23	23 7	22 56	13 4		n.a.
W 6	21 35	23 49	0 22	19 57	2 15	23 59	0 56	18 34	1 4	14 48	1 23	18 27	2 0	21 14	0 3	21 41	0 39	21 49	0 23	23 7	22 56	13 1		n.a.
T 7	21 46	21 18	0s45	19 29	2 32	24 8	0 58	18 20	1 3	14 48	1 24	18 26	2 0	21 15	0 3	21 41	0 39	21 50	0 23	23 7	22 56	12 58		n.a.
F 8	21 56	17 53	1 48	19 1	2 46	24 17	1 0	18 7	1 2	14 47	1 24	18 24	2 0	21 16	0 3	21 40	0 39	21 50	0 23	23 7	22 57	12 56		n.a.
S 9	22 6	13 47	2 46	18 36	2 59	24 25	1 1	17 54	1 1	14 47	1 24	18 23	2 0	21 16	0 3	21 40	0 39	21 51	0 23	23 6	22 57	12 53		n.a.
S 10	22 16	9 11	3 37	18 12	3 9	24 33	1 3	17 40	1 0	14 47	1 24	18 21	2 0	21 17	0 3	21 40	0 39	21 51	0 23	23 6	22 57	12 50		n.a.
M11	22 25	4 15	4 19	17 51	3 16	24 39	1 5	17 26	0 58	14 46	1 25	18 20	2 0	21 18	0 3	21 39	0 39	21 51	0 23	23 6	22 58	12 47		n.a.
T 12	22 33	0s53	4 50	17 33	3 22	24 45	1 7	17 12	0 57	14 46	1 25	18 18	1 59	21 18	0 3	21 39	0 39	21 52	0 23	23 6	22 58	12 45		n.a.
W13	22 41	6 5	5 8	17 19	3 25	24 50	1 8	16 58	0 56	14 46	1 25	18 17	1 59	21 19	0 3	21 39	0 39	21 52	0 22	23 6	22 59	12 42		n.a.
T 14	22 49	11 9	5 13	17 8	3 25	24 55	1 10	16 44	0 55	14 46	1 26	18 15	1 59	21 20	0 3	21 38	0 39	21 53	0 22	23 7	22 59	12 39		n.a.
F 15	22 56	15 53	5 2	17 1	3 24	24 58	1 11	16 30	0 54	14 46	1 26	18 13	1 59	21 20	0 3	21 38	0 39	21 53	0 22	23 7	22 59	12 36		n.a.
S 16	23 3	20 1	4 35	16 58	3 22	25 1	1 13	16 16	0 53	14 46	1 26	18 12	1 59	21 21	0 3	21 37	0 39	21 53	0 22	23 8	23 0	12 34		n.a.
S 17	23 9	23 12	3 52	16 57	3 17	25 3	1 14	16 1	0 52	14 46	1 27	18 10	1 59	21 22	0 3	21 37	0 39	21 54	0 22	23 8	23 0	12 31		n.a.
M18	23 15	25 6	2 55	17 0	3 12	25 4	1 16	15 47	0 51	14 46	1 27	18 8	1 59	21 22	0 3	21 37	0 39	21 54	0 22	23 8	23 0	12 28		n.a.
T 19	23 20	25 24	1 45	17 6	3 5	25 4	1 17	15 32	0 50	14 46	1 27	18 7	1 58	21 23	0 3	21 36	0 39	21 55	0 22	23 9	23 1	12 25		n.a.
W20	23 25	24 0	0 27	17 14	2 58	25 4	1 18	15 17	0 49	14 47	1 28	18 5	1 58	21 24	0 3	21 36	0 39	21 55	0 22	23 9	23 1	12 22		n.a.
T 21	23 30	20 59	0n53	17 25	2 50	25 3	1 20	15 2	0 48	14 47	1 28	18 3	1 58	21 24	0 3	21 36	0 39	21 55	0 22	23 9	23 1	12 20		n.a.
F 22	23 34	16 38	2 10	17 37	2 42	25 1	1 21	14 47	0 47	14 47	1 28	18 1	1 58	21 25	0 3	21 35	0 39	21 56	0 22	23 9	23 2	12 17		n.a.
S 23	23 37	11 19	3 18	17 52	2 33	24 58	1 22	14 32	0 46	14 48	1 29	18 0	1 58	21 26	0 3	21 35	0 39	21 56	0 22	23 8	23 2	12 14		n.a.
S 24	23 40	5 28	4 13	18 8	2 23	24 55	1 23	14 17	0 45	14 48	1 29	17 58	1 58	21 26	0 3	21 34	0 39	21 57	0 21	23 8	23 2	12 11		n.a.
M25	23 43	0n35	4 51	18 25	2 14	24 51	1 24	14 1	0 44	14 49	1 29	17 56	1 58	21 27	0 3	21 34	0 39	21 57	0 21	23 8	23 3	12 8		n.a.
T 26	23 45	6 31	5 12	18 43	2 4	24 46	1 25	13 46	0 43	14 50	1 30	17 54	1 58	21 28	0 3	21 34	0 39	21 57	0 21	23 8	23 3	12 6		n.a.
W27	23 47	12 1	5 15	19 1	1 54	24 40	1 26	13 31	0 42	14 51	1 30	17 52	1 58	21 28	0 3	21 33	0 39	21 58	0 21	23 8	23 3	12 3		n.a.
T 28	23 48	16 52	5 0	19 21	1 45	24 33	1 27	13 15	0 41	14 51	1 30	17 50	1 58	21 29	0 3	21 33	0 39	21 58	0 21	23 9	23 4	12 0		n.a.
F 29	23 48	20 48	4 29	19 41	1 35	24 26	1 28	12 59	0 40	14 52	1 30	17 48	1 57	21 30	0 3	21 32	0 39	21 58	0 21	23 9	23 4	11 57		n.a.
S 30	23 49	23 38	3 45	20 1	1 25	24 18	1 28	12 43	0 39	14 53	1 31	17 46	1 57	21 30	0 3	21 32	0 39	21 59	0 21	23 9	23 4	11 55		n.a.
S 31	23s48	25n11	2n50	20s21	1n15	24s 9	1s29	12s28	0s38	14n54	1n31	17s45	1s57	21s31	0s 3	21s32	0s39	21s59	0n21	23s 9	23s 5	11n52		n.a.

Julian Day Number = 1374404.5, Delta T = 06h47m52s
Ecliptic obliquity = 23°48'34, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°11'33, Lahiri = -17°04'33 Julian Calendar 1 Dec. 951 BCE == Greg. Calendar 22 Nov. 951 BCE

The year -950 astronomical counting style corresponds to year 951 B.C.E historical counting style.

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